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EMPLOYMENT AND EARNINGS

U.S. Department of Labor
Bureau of Labor Statistics
July 1993

In this issue: Second quarter 1993 averages and new seasonal factors for household data
Seasonally adjusted State employment data by industry



AUG 19 1993



U.S. DEPARTMENT OF LABOR

Robert B. Reich, Secretary

BUREAU OF LABOR STATISTICS

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Vol. 40 No. 7

Calendar of Features

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

Household data

Annual averages	Jan.
Union affiliation	Jan.
Earnings by detailed occupation	Jan.
Employee absences	Jan.
Revised seasonally adjusted series	Jan., Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, family relationship data, weekly earnings data, and metropolitan-nonmetropolitan and poverty-nonpoverty area data	Jan., Apr., July, Oct.

Establishment data

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

State and area labor force data

Annual averages	May
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¹ The most recent publication was issued in August 1992.

Employment and Earnings

Editors: Gloria Peterson Green, Eugene H. Becker

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Employment and Unemployment Developments, June 1993

Both employment and unemployment were essentially unchanged in June. The unemployment rate was 7.0 percent, the level that has essentially prevailed thus far in 1993.

Employment, as measured by both the household and payroll surveys, was little changed in June, following substantial gains in May. Payroll jobs in manufacturing declined by 53,000 over the month.

Unemployment

The unemployment rate (7.0 percent) and the number of persons unemployed (8.9 million) were about unchanged in June, after seasonal adjustment. Both measures have shown very little movement since the beginning of 1993. Jobless rates for adult men (6.5 percent), adult women (5.9 percent), teenagers (19.8 percent), whites (6.1 percent), blacks (13.3 percent), and Hispanics (10.2 percent) were all at or close to their May levels. (See tables A-33 and A-34.)

Total employment and the labor force

The number of employed persons was virtually unchanged in June at 119.2 million, after a very large increase in the prior month. The employment-population ratio—the proportion of the working-age population with jobs—was 61.6 percent, just slightly above its June 1992 level of 61.4 percent. (See table A-33.)

The number of voluntary part-time workers showed an increase of 578,000 to 15.6 million in June, while the number working part time for economic reasons edged down by 258,000 to a level of 6.3 million. These series, however, tend to exhibit considerable month-to-month variability. (See table A-35.)

At 128.1 million persons, the civilian labor force was unchanged in June, following a surge in May. The labor force participation rate was 66.2 percent, three-tenths of a percentage point below the year-earlier rate. (See table A-33.)

Discouraged workers

The number of discouraged workers—persons who want to work but are not looking because they believe they cannot find a job—was 1.2 million in the second quarter of 1993. There has been very little change in the number of

discouraged workers since the third quarter of 1991. (See table A-53.)

Industry payroll employment

The number of nonfarm payroll jobs was unchanged in June at 110.0 million, seasonally adjusted, following large increases in several recent months. Over-the-month employment gains in services and retail trade were offset by a further decline in factory jobs and smaller losses elsewhere. (See table B-4.)

Manufacturing employment declined by 53,000 in June; job losses in this industry have totaled 187,000 since February. Although June losses were widespread, they were particularly evident in durable goods, such as transportation equipment (mostly aircraft), electronic equipment, and instruments. These losses partially reflected cutbacks in defense spending. Within nondurables, the largest job losses occurred in the food and apparel industries. Since factory employment last peaked in January 1989, about 1.7 million jobs have been lost.

Employment in the services industry grew by 56,000 in June and has risen by 1.2 million over the past year. The June gain primarily reflected growth in business, health, and educational services.

Retail trade employment was up by 37,000 from May, with most of the growth occurring in eating and drinking places. Employment in general merchandise stores, on the other hand, showed another decline in June, for a total loss of 72,000 jobs over the past year.

Wholesale trade lost 11,000 jobs in June, following steady gains for the prior 8 months. Most of the June losses occurred in nondurable goods distribution, reversing the May increase.

Employment in construction was little changed in June, following strong gains in the prior 2 months. Mining employment was down, primarily as the result of a coal strike.

Federal Government employment continued to edge down. Led by cutbacks in the Postal Service and defense agencies, Federal employment has shrunk by 83,000 since peaking in March of last year. Local and State governments continued their moderate employment gains in June.

Weekly hours

The average workweek for production or nonsuper-

visory workers on private nonfarm payrolls fell by 0.3 hour to 34.4 hours in June, seasonally adjusted, reversing an increase of the same magnitude in May. Both the average factory workweek and its overtime component edged down 0.1 hour for the second straight month, to 41.3 and 4.0 hours, respectively. (See table C-5.)

The index of aggregate weekly hours of private production or nonsupervisory workers on nonfarm payrolls fell by 1.0 percent to 123.4 (1982=100) in June, seasonally adjusted. The manufacturing index declined 0.6 percent to 100.8, following a decline of 0.4 percent the previous month; these reductions reflect decreases in both employ-

ment and the workweek. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers edged down 0.1 percent in June, seasonally adjusted. Average weekly earnings declined by 1.0 percent, following a substantial increase in May. Before seasonal adjustment, average hourly earnings declined by 5 cents to \$10.75, and average weekly earnings were down by \$2.81 to \$371.95. Over the past year, average hourly earnings increased by 2.2 percent and average weekly earnings by 2.5 percent. (See tables C-1 and C-7.)

Planned Changes for the Household Survey Data

Beginning in 1994, with the release of data for January, estimates from the Current Population Survey (household survey) will reflect the results of a major redesign of the survey. The redesign is being undertaken to obtain more accurate and comprehensive information on the labor force. As part of this effort, the survey questionnaire is being revamped to include many new and revised questions regarding individuals' employment and unemployment activities, and a fully automated data collection environment is being introduced.

Work on the redesign began in the late 1980's. The new questionnaire is being tested for an 18-month period, July 1992-December 1993, in a separate national sample survey of about 13,000 households to gauge the effect of both the new questions and the automated data collection procedures on the labor force estimates. Information as to the potential effects of these changes will be available in November; a comprehensive examination will be published in the February 1994 issue of *Employment and Earnings*.

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 6	October	November 5
August	September 3	November	December 3
September	October 8	December	January 7

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 these seasonal adjustment factors for the 12 major labor force components for July-December 1993. The factors which were used for these components during the first 6 months of 1993 were published in the January 1993 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 unemployment level and for the overall and civilian employment and labor force levels and unemployment rates. The overall measures include the resident Armed Forces in the employed segment of the labor force, but seasonal factors are not calculated for the resident Armed Forces data since they are considered to have no seasonal component.

The new seasonal factors have been extrapolated using

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the X-11 ARIMA program with data through June 1993 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 issue of this publication. The historical seasonally adjusted data, including the first 6 months of 1993, will not be revised until the beginning of 1994. More detailed information on the adjustment method, the procedures for aggregation, and the revision of historical data is included in the January 1993 issue 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 1993 factors for any of the other independently adjusted series (there are about 200 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 labor force data should be addressed to the Data Development Staff, Bureau of Labor Statistics, Washington, DC 20212-0001.

Table 1. Current seasonal adjustment factors for the 12 major civilian labor force components, July-December 1993

Procedure and series	July	August	September	October	November	December
Multiplicative Adjustment (Divide factor into original value)						
Agricultural employment:						
Men, 20 years and over	1.095	1.074	1.061	1.047	0.982	0.929
Women, 20 years and over	1.101	1.063	1.056	1.019	.997	.914
Men, 16 to 19 years	1.767	1.594	.931	.875	.821	.709
Women, 16 to 19 years	1.955	1.568	.908	.661	.741	.774
Nonagricultural employment:						
Men, 20 years and over	1.010	1.008	1.007	1.005	1.002	.999
Women, 20 years and over .....	.994	.991	.999	1.006	1.008	1.006
Unemployment:						
Men, 20 years and over .....	.935	.908	.886	.881	.950	.988
Women, 20 years and over	1.063	1.083	1.038	.975	.962	.946
Additive Adjustment (Subtract factor from original value)						
Nonagricultural employment:						
Men, 16 to 19 years	706	501	-91	-62	-94	-115
Women, 16 to 19 years	603	461	-157	-109	-111	-36
Unemployment:						
Men, 16 to 19 years	131	-48	-29	-66	-25	-68
Women, 16 to 19 years	181	-12	-4	-39	-26	-105

Introduction of Seasonally Adjusted Industry Employment Data for States

Thomas J. Sullivan

This issue of *Employment and Earnings* marks the beginning of regular publication of monthly seasonally adjusted employment data by major industry for all States and the District of Columbia. These data are derived from the Current Employment Statistics (CES) program, the national sample survey of business establishments, which is conducted jointly by the Bureau of Labor Statistics and State employment security agencies.

These seasonally adjusted series will allow analysts to follow State employment trends and make useful comparisons on a monthly basis. Because the State employment estimates are independently produced, they will not sum to national estimates for the same series.

New data series

The new monthly seasonally adjusted estimates of nonfarm payroll employment by State and major industry division are presented in table B-8. They cover the period May 1992 through May 1993. Data for mining are included in the State totals, but are not published separately. This table is published in conjunction with table B-9, unadjusted employment estimates for States and metropolitan areas.

BLS has historically published monthly seasonally adjusted industry employment data at the national level. In response to a strong desire to have similar data for each of the States and the District of Columbia, BLS undertook an extensive research effort to evaluate the seasonal properties of State data. This research revealed that monthly State industry employment data exhibited strong, stable seasonality and was amenable to seasonal adjustment.¹

Thomas J. Sullivan is an economist in the Division of Monthly Industry Employment Statistics, Bureau of Labor Statistics.

Derivation of the estimates

Seasonal adjustment factors are computed using the X-11 ARIMA seasonal adjustment procedure.² The selection of the method of seasonally adjusting each series, either by applying additive or multiplicative factors, is based on statistical criteria that assess the historical behavior of each series.

For all industries except manufacturing and trade, seasonal adjustment factors are applied directly to the employment estimates at the division level. For manufacturing and trade, factors are applied directly to the respective component series—durable and nondurable goods and wholesale and retail trade—then aggregated to the higher level. The division levels are then summed to derive State totals. Current seasonal adjustment factors were produced in March, coincident with the benchmark adjustment. Historical factors will be updated for the most recent 5-year period; the most recent 5 years of seasonally adjusted data will be subject to revision.

Historical data through April 1992, current and historical seasonal adjustment factors, and additional information on the derivation of State industry employment estimates can be obtained from the individual State employment security agencies listed on the inside back cover of this publication or from the Division of Monthly Industry Employment Statistics, Office of Employment and Unemployment Statistics, Bureau of Labor Statistics, 2 Massachusetts Ave., NE., Room 4860, Washington, D.C. 20212-0001.

¹ For a comprehensive evaluation of this research, see Kenneth Shipp and Thomas J. Sullivan, "Using X-11 ARIMA to Seasonally Adjust State Level Industry Data in the Current Employment Statistics Program," in the 1992 *Proceedings of the Business and Economic Statistics Section*, American Statistical Association.

² Detailed information on this procedure appears in *The X-11 ARIMA Seasonal Adjustment Method* by Estela B. Dagum, Statistics Canada Catalogue No. 12-564E, January 1983.

A-1. Employment status of the noninstitutional population 16 years and over, 1960 to date

(Numbers in thousands)

Year and month	Noninstitutional population	Labor force								Not in labor force	
		Number	Percent of population	Employed					Unemployed		
				Total	Resident Armed Forces	Civilian			Number		Percent of labor force
						Total	Agriculture	Nonagricultural industries			
Annual averages											
1960 ¹	119,106	71,489	60.0	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617
1961	120,671	72,359	60.0	67,646	1,900	65,746	5,200	60,546	4,714	6.5	48,312
1962 ²	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539
1963	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583
1964	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394
1965	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058
1966	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288
1967	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527
1968	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291
1969	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602
1970	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315
1971	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834
1972 ²	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091
1973 ²	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667
1974	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171
1975	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377
1976	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991
1977	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025
1978 ¹	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659
1979	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806
1981	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460
1982	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067
1983	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665
1984	178,080	115,241	64.7	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839
1985	179,912	117,167	65.1	108,856	1,706	107,150	3,179	103,971	8,312	7.1	62,744
1986 ¹	182,293	119,540	65.6	111,303	1,706	109,597	3,163	106,434	8,237	6.9	62,752
1987	184,490	121,602	65.9	114,177	1,737	112,440	3,208	109,232	7,425	6.1	62,888
1988	186,322	123,378	66.2	116,677	1,709	114,968	3,169	111,800	6,701	5.4	62,944
1989	188,081	125,557	66.8	119,030	1,688	117,342	3,199	114,142	6,528	5.2	62,523
1990	189,686	126,424	66.6	119,550	1,637	117,914	3,186	114,728	6,874	5.4	63,262
1991	191,329	126,867	66.3	118,440	1,564	116,877	3,233	113,644	8,426	6.6	64,462
1992	193,142	128,548	66.6	119,164	1,566	117,598	3,207	114,391	9,384	7.3	64,593
Monthly data, seasonally adjusted²											
1992:											
June	193,025	128,868	66.8	119,080	1,570	117,510	3,244	114,266	9,788	7.6	64,157
July	193,190	128,918	66.7	119,290	1,568	117,722	3,207	114,515	9,628	7.5	64,272
August	193,356	128,970	66.7	119,346	1,566	117,780	3,218	114,562	9,624	7.5	64,386
September	193,513	128,840	66.6	119,290	1,566	117,724	3,221	114,503	9,550	7.4	64,673
October	193,683	128,618	66.4	119,239	1,552	117,687	3,169	114,518	9,379	7.3	65,065
November	193,847	128,896	66.5	119,595	1,531	118,064	3,209	114,855	9,301	7.2	64,951
December	194,026	129,108	66.5	119,828	1,517	118,311	3,262	115,049	9,280	7.2	64,918
1993:											
January	194,159	128,598	66.2	119,586	1,515	118,071	3,191	114,879	9,013	7.0	65,561
February	194,298	128,839	66.3	119,963	1,512	118,451	3,116	115,335	8,876	6.9	65,459
March	194,456	128,926	66.3	120,062	1,497	118,565	3,082	115,483	8,864	6.9	65,530
April	194,618	128,833	66.2	119,908	1,492	118,416	3,060	115,356	8,925	6.9	65,785
May	194,767	129,615	66.5	120,757	1,484	119,273	3,070	116,203	8,858	6.8	65,152
June	194,933	129,604	66.5	120,696	1,477	119,219	3,024	116,195	8,908	6.9	65,329

¹ Not strictly comparable with prior years. For an explanation, see "Historical Comparability" under the Household Data section of the Explanatory Notes.

² The population and Armed Forces figures are not adjusted for

seasonal variation.

NOTE: Revisions of seasonally adjusted monthly and quarterly data (shown in tables A-1 through A-3 and A-32 through A-53) for the most recent 5-year period are made at the end of each calendar year.

**HOUSEHOLD DATA
HISTORICAL**

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1982 to date

(Numbers in thousands)

Sex, year, and month	Noninstitutional population	Labor force								Not in labor force	
		Number	Percent of population	Employed					Unemployed		
				Total	Resident Armed Forces	Civilian			Number		Percent of labor force
						Total	Agriculture	Nonagricultural industries			
Annual averages											
MEN											
1982	83,052	63,979	77.0	57,800	1,529	56,271	2,736	53,534	8,179	9.7	19,073
1983	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484
1984	85,156	65,386	76.8	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771
1985	86,025	65,967	76.7	61,447	1,556	59,891	2,535	57,356	4,521	6.9	20,058
1986 ¹	87,349	66,973	76.7	62,443	1,551	60,892	2,511	58,381	4,530	6.8	20,376
1987	88,476	67,784	76.6	63,684	1,577	62,107	2,543	59,564	4,101	6.1	20,692
1988	89,404	68,474	76.6	64,820	1,547	63,273	2,493	60,780	3,655	5.3	20,930
1989	90,283	69,360	76.8	65,835	1,520	64,315	2,513	61,802	3,525	5.1	20,923
1990	91,122	69,705	76.5	65,906	1,472	64,435	2,507	61,928	3,799	5.4	21,417
1991	91,951	69,810	75.9	64,992	1,399	63,593	2,552	61,041	4,817	6.9	22,141
1992	92,945	70,588	75.9	65,209	1,404	63,805	2,534	61,270	5,380	7.6	22,356
Monthly data, seasonally adjusted²											
1992:											
June	92,882	70,827	76.3	65,161	1,410	63,751	2,539	61,212	5,666	8.0	22,055
July	92,971	70,723	76.1	65,238	1,408	63,830	2,545	61,285	5,485	7.8	22,248
August	93,061	70,840	76.1	65,309	1,408	63,901	2,547	61,354	5,531	7.8	22,221
September	93,146	70,860	76.1	65,383	1,407	63,976	2,573	61,403	5,477	7.7	22,286
October	93,238	70,728	75.9	65,318	1,394	63,924	2,550	61,374	5,410	7.6	22,510
November	93,324	70,708	75.8	65,416	1,373	64,043	2,541	61,502	5,292	7.5	22,616
December	93,420	70,754	75.7	65,554	1,360	64,194	2,593	61,601	5,200	7.3	22,666
1993:											
January	93,488	70,473	75.4	65,544	1,358	64,186	2,534	61,651	4,929	7.0	23,015
February	93,563	70,690	75.6	65,693	1,355	64,338	2,521	61,817	4,997	7.1	22,873
March	93,646	70,835	75.6	65,674	1,342	64,332	2,434	61,899	5,160	7.3	22,811
April	93,731	70,773	75.5	65,694	1,338	64,356	2,462	61,893	5,079	7.2	22,958
May	93,809	71,047	75.7	66,056	1,330	64,726	2,450	62,276	4,992	7.0	22,762
June	93,896	71,082	75.7	66,006	1,323	64,683	2,396	62,288	5,075	7.1	22,814
Annual averages											
WOMEN											
1982	90,887	47,894	52.7	43,395	139	43,256	665	42,591	4,499	9.4	42,993
1983	91,827	48,646	53.0	44,190	143	44,047	680	43,367	4,457	9.2	43,181
1984	92,924	49,855	53.7	46,061	146	45,915	653	45,262	3,794	7.6	43,068
1985	93,886	51,200	54.5	47,409	150	47,259	644	46,615	3,791	7.4	42,686
1986	94,944	52,568	55.4	48,861	155	48,706	652	48,054	3,707	7.1	42,376
1986 ¹	96,013	53,818	56.1	50,494	160	50,334	666	49,668	3,324	6.2	42,195
1988	96,918	54,904	56.6	51,858	162	51,696	676	51,020	3,046	5.5	42,014
1989	97,798	56,198	57.5	53,195	168	53,027	687	52,341	3,003	5.3	41,601
1990	98,564	56,719	57.5	53,644	165	53,479	679	52,800	3,075	5.4	41,845
1991	99,378	57,057	57.4	53,448	164	53,284	682	52,602	3,609	6.3	42,321
1992	100,197	57,960	57.8	53,955	162	53,793	673	53,121	4,005	6.9	42,237
Monthly data, seasonally adjusted²											
1992:											
June	100,142	58,041	58.0	53,919	160	53,759	705	53,054	4,122	7.1	42,101
July	100,220	58,195	58.1	54,052	160	53,892	662	53,230	4,143	7.1	42,025
August	100,295	58,130	58.0	54,037	158	53,879	671	53,208	4,093	7.0	42,165
September	100,367	57,980	57.8	53,907	159	53,748	648	53,100	4,073	7.0	42,387
October	100,445	57,890	57.6	53,921	158	53,763	619	53,144	3,969	6.9	42,555
November	100,523	58,188	57.9	54,179	158	54,021	668	53,353	4,009	6.9	42,335
December	100,606	58,354	58.0	54,274	157	54,117	669	53,448	4,080	7.0	42,252
1993:											
January	100,671	58,125	57.7	54,042	157	53,885	657	53,228	4,083	7.0	42,546
February	100,734	58,149	57.7	54,271	157	54,114	596	53,518	3,879	6.7	42,585
March	100,809	58,091	57.6	54,388	155	54,233	649	53,584	3,704	6.4	42,718
April	100,887	58,061	57.6	54,214	154	54,060	598	53,462	3,846	6.6	42,826
May	100,959	58,567	58.0	54,701	154	54,547	620	53,927	3,866	6.6	42,392
June	101,037	58,522	57.9	54,689	154	54,535	628	53,908	3,833	6.5	42,515

¹ Not strictly comparable with prior years. For an explanation, see "Historical Comparability" under the Household Data section of the Explanatory Notes.

² The population and Armed Forces figures are not adjusted for seasonal variation.

A-3. Employment status of the civilian noninstitutional population 16 years and over, 1960 to date

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force				Unemployment rates		
		Total	Percent of population	Employed	Unemployed	Total	Men	Women
Annual averages								
1960 ¹	117,245	69,628	59.4	65,778	3,852	5.5	5.4	5.9
1961	118,771	70,459	59.3	65,746	4,714	6.7	6.4	7.2
1962 ¹	120,153	70,614	58.8	66,702	3,911	5.5	5.2	6.2
1963	122,416	71,833	58.7	67,762	4,070	5.7	5.2	6.5
1964	124,485	73,091	58.7	69,305	3,786	5.2	4.6	6.2
1965	126,513	74,455	58.9	71,088	3,366	4.5	4.0	5.5
1966	128,058	75,770	59.2	72,895	2,875	3.8	3.2	4.8
1967	129,874	77,347	59.6	74,372	2,975	3.8	3.1	5.2
1968	132,028	78,737	59.6	75,920	2,817	3.6	2.9	4.8
1969	134,335	80,734	60.1	77,902	2,832	3.5	2.8	4.7
1970	137,085	82,771	60.4	78,678	4,093	4.9	4.4	5.9
1971	140,216	84,382	60.2	79,367	5,016	5.9	5.3	6.9
1972 ¹	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 ¹	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976	156,150	96,158	61.6	88,752	7,406	7.7	7.1	8.6
1977	159,033	99,009	62.3	92,017	6,991	7.1	6.3	8.2
1978 ¹	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
1984	176,383	113,544	64.4	105,005	8,539	7.5	7.4	7.6
1985	178,206	115,461	64.8	107,150	8,312	7.2	7.0	7.4
1986 ¹	180,587	117,834	65.3	109,597	8,237	7.0	6.9	7.1
1987	182,753	119,865	65.6	112,440	7,425	6.2	6.2	6.2
1988	184,613	121,669	65.9	114,968	6,701	5.5	5.5	5.6
1989	186,393	123,869	66.5	117,342	6,528	5.3	5.2	5.4
1990	188,049	124,787	66.4	117,914	6,874	5.5	5.6	5.4
1991	189,765	125,303	66.0	116,877	8,426	6.7	7.0	6.3
1992	191,576	126,982	66.3	117,598	9,384	7.4	7.8	6.9
Monthly data, seasonally adjusted²								
1992:								
June	191,455	127,298	66.5	117,510	9,788	7.7	8.2	7.1
July	191,622	127,350	66.5	117,722	9,628	7.6	7.9	7.1
August	191,790	127,404	66.4	117,780	9,624	7.6	8.0	7.1
September	191,947	127,274	66.3	117,724	9,550	7.5	7.9	7.0
October	192,131	127,066	66.1	117,687	9,379	7.4	7.8	6.9
November	192,316	127,365	66.2	118,064	9,301	7.3	7.6	6.9
December	192,509	127,591	66.3	118,311	9,280	7.3	7.5	7.0
1993:								
January	192,644	127,083	66.0	118,071	9,013	7.1	7.1	7.0
February	192,786	127,327	66.0	118,451	8,876	7.0	7.2	6.7
March	192,959	127,429	66.0	118,565	8,864	7.0	7.4	6.4
April	193,126	127,341	65.9	118,416	8,925	7.0	7.3	6.6
May	193,283	128,131	66.3	119,273	8,858	6.9	7.2	6.6
June	193,456	128,127	66.2	119,219	8,908	7.0	7.3	6.6

¹ Not strictly comparable with prior years. For an explanation, see "Historical Comparability" under the Household Data section of the

Explanatory Notes.

² The population figures are not adjusted for seasonal variation.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	June 1993										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
TOTAL											
16 years and over	193,456	129,839	67.1	120,586	9,252	7.1	63,617	24,569	4,866	4,062	30,121
16 to 19 years	13,270	8,012	60.4	6,206	1,806	22.5	5,258	512	2,883	24	1,838
16 to 17 years	6,726	3,901	49.1	2,381	920	27.9	3,425	182	2,005	5	1,232
18 to 19 years	6,544	4,711	72.0	3,825	886	18.8	1,833	330	878	19	605
20 to 24 years	17,607	14,185	80.6	12,651	1,534	10.8	3,422	1,390	1,023	115	894
25 to 54 years	110,439	92,162	83.5	86,884	5,278	5.7	18,277	11,415	925	1,814	4,122
25 to 34 years	41,335	34,518	83.5	32,145	2,372	6.9	6,818	4,497	591	349	1,381
25 to 29 years	19,250	16,060	83.4	14,903	1,158	7.2	3,190	2,055	380	111	644
30 to 34 years	22,085	18,457	83.6	17,243	1,215	6.6	3,628	2,441	211	238	737
35 to 44 years	40,274	34,239	85.0	32,451	1,788	5.2	6,035	3,944	215	586	1,290
35 to 39 years	21,398	18,087	84.5	17,076	1,011	5.6	3,311	2,237	143	272	658
40 to 44 years	18,876	16,152	85.6	15,375	777	4.8	2,724	1,706	72	314	632
45 to 54 years	28,830	23,406	81.2	22,288	1,118	4.8	5,424	2,975	119	879	1,451
45 to 49 years	15,921	13,327	83.7	12,698	629	4.7	2,594	1,432	89	411	661
50 to 54 years	12,909	10,079	78.1	9,590	489	4.8	2,830	1,543	30	468	790
55 to 64 years	20,979	11,950	57.0	11,430	520	4.4	9,030	3,622	18	807	4,582
55 to 59 years	10,754	7,270	67.6	6,947	322	4.4	3,485	1,696	13	406	1,370
60 to 64 years	10,225	4,680	45.8	4,483	198	4.2	5,545	1,927	5	401	3,212
65 years and over	31,161	3,530	11.3	3,416	114	3.2	27,631	7,630	16	1,301	18,685
65 to 69 years	10,043	2,015	20.1	1,948	67	3.3	8,028	2,360	7	304	5,357
70 to 74 years	8,540	935	11.0	911	24	2.6	7,605	2,009	2	241	5,353
75 years and over	12,578	580	4.6	556	24	4.1	11,998	3,261	7	756	7,975
Men											
16 years and over	92,573	70,851	76.5	65,731	5,120	7.2	21,722	699	2,271	2,185	16,566
16 to 19 years	6,701	4,250	63.4	3,245	1,005	23.7	2,451	62	1,429	16	944
16 to 17 years	3,438	1,825	53.1	1,290	536	29.3	1,613	28	969	6	611
18 to 19 years	3,263	2,425	74.3	1,956	470	19.4	838	34	460	10	333
20 to 24 years	8,618	7,467	86.6	6,635	832	11.1	1,152	59	461	88	543
25 to 54 years	54,224	50,394	92.9	47,473	2,921	5.8	3,830	317	373	1,165	1,974
25 to 34 years	20,420	19,199	94.0	17,866	1,333	6.9	1,221	109	246	246	620
25 to 29 years	9,471	8,863	93.6	8,220	643	7.3	608	63	169	85	290
30 to 34 years	10,949	10,336	94.4	9,646	690	6.7	613	46	77	160	330
35 to 44 years	19,797	18,608	94.0	17,618	990	5.3	1,189	114	78	373	624
35 to 39 years	10,548	9,940	94.2	9,369	571	5.7	608	70	58	174	306
40 to 44 years	9,249	8,667	93.7	8,249	419	4.8	581	44	20	199	318
45 to 54 years	14,007	12,587	89.9	11,990	598	4.7	1,420	94	49	547	730
45 to 49 years	7,753	7,083	91.4	6,743	340	4.8	671	48	35	264	323
50 to 54 years	6,254	5,505	88.0	5,247	257	4.7	749	46	14	283	407
55 to 64 years	9,969	6,688	67.1	6,386	302	4.5	3,281	87	6	436	2,751
55 to 59 years	5,161	4,078	79.0	3,895	183	4.5	1,083	43	6	220	815
60 to 64 years	4,808	2,610	54.3	2,491	119	4.6	2,198	45	-	217	1,936
65 years and over	13,060	2,051	15.7	1,991	60	2.9	11,009	174	2	480	10,354
65 to 69 years	4,567	1,141	25.0	1,100	41	3.6	3,426	56	1	158	3,211
70 to 74 years	3,767	543	14.4	533	11	1.9	3,223	53	-	100	3,070
75 years and over	4,727	367	7.8	358	9	2.4	4,360	65	1	221	4,073
Women											
16 years and over	100,883	58,988	58.5	54,855	4,132	7.0	41,895	23,870	2,594	1,876	13,554
16 to 19 years	6,568	3,762	57.3	2,961	801	21.3	2,807	450	1,454	9	894
16 to 17 years	3,288	1,476	44.9	1,091	385	26.1	1,811	154	1,037	-	621
18 to 19 years	3,281	2,285	69.7	1,869	416	18.2	995	296	418	9	272
20 to 24 years	8,988	6,718	74.7	6,016	702	10.5	2,270	1,331	562	27	351
25 to 54 years	56,215	41,768	74.3	39,411	2,357	5.6	14,447	11,098	552	649	2,148
25 to 34 years	20,915	15,318	73.2	14,279	1,039	6.8	5,597	4,388	345	104	761
25 to 29 years	9,779	7,197	73.6	6,682	514	7.1	2,582	1,992	210	26	354
30 to 34 years	11,136	8,122	72.9	7,597	525	6.5	3,015	2,395	135	78	407
35 to 44 years	20,477	15,831	76.3	14,833	798	5.1	4,846	3,830	137	213	666
35 to 39 years	10,849	8,146	75.1	7,707	439	5.4	2,703	2,167	86	99	352
40 to 44 years	9,628	7,484	77.7	7,126	358	4.8	2,143	1,663	52	114	314
45 to 54 years	14,823	10,819	73.0	10,298	520	4.8	4,004	2,881	70	332	721
45 to 49 years	8,168	6,244	76.5	5,955	289	4.6	1,923	1,385	54	147	338
50 to 54 years	6,655	4,574	68.7	4,343	231	5.1	2,081	1,496	16	185	383
55 to 64 years	11,010	5,261	47.8	5,043	218	4.1	5,749	3,535	12	371	1,831
55 to 59 years	5,593	3,192	57.1	3,052	140	4.4	2,401	1,653	7	187	555
60 to 64 years	5,417	2,070	38.2	1,992	78	3.8	3,347	1,882	6	184	1,276
65 years and over	18,101	1,479	8.2	1,425	54	3.7	16,622	7,456	14	821	8,331
65 to 69 years	5,476	874	16.0	848	26	3.0	4,602	2,304	6	146	2,146
70 to 74 years	4,773	392	8.2	379	13	3.4	4,381	1,956	2	141	2,283
75 years and over	7,851	213	2.7	198	15	7.0	7,638	3,196	6	534	3,902

HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED

A-4. Employment status of the civilian noninstitutional population by age, sex, and race—Continued

(Numbers in thousands)

Age, sex, and race	June 1993										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
WHITE											
16 years and over	163,857	110,882	67.7	104,063	6,819	6.1	52,975	20,763	3,382	3,044	25,786
16 to 19 years	10,565	6,754	63.9	5,490	1,264	18.7	3,811	368	2,058	17	1,368
16 to 17 years	5,339	2,827	53.0	2,140	887	24.3	2,512	131	1,458	3	920
18 to 19 years	5,226	3,927	75.1	3,349	577	14.7	1,299	237	600	14	448
20 to 24 years	14,316	11,885	83.0	10,834	1,052	8.9	2,430	1,063	673	78	616
25 to 54 years	93,017	78,574	84.5	74,585	3,989	5.1	14,442	9,344	630	1,335	3,133
25 to 34 years	34,302	29,074	84.8	27,357	1,717	5.9	5,228	3,581	390	222	1,035
25 to 29 years	15,831	13,483	85.2	12,632	851	6.3	2,347	1,571	237	59	480
30 to 34 years	18,471	15,590	84.4	14,725	866	5.6	2,881	2,009	153	163	555
35 to 44 years	34,030	29,193	85.8	27,831	1,362	4.7	4,837	3,269	150	445	973
35 to 39 years	18,008	15,361	85.3	14,603	758	4.9	2,647	1,833	106	222	487
40 to 44 years	16,022	13,832	86.3	13,228	604	4.4	2,190	1,436	45	223	486
45 to 54 years	24,685	20,307	82.3	19,397	910	4.5	4,377	2,494	90	668	1,125
45 to 49 years	13,673	11,560	84.5	11,054	506	4.4	2,113	1,201	70	319	524
50 to 54 years	11,012	8,747	79.4	8,343	405	4.6	2,264	1,293	20	350	601
55 to 64 years	18,161	10,450	57.5	10,036	414	4.0	7,711	3,138	7	587	3,980
55 to 59 years	9,234	6,322	68.5	6,076	246	3.9	2,913	1,464	3	288	1,157
60 to 64 years	8,927	4,128	46.2	3,960	168	4.1	4,799	1,674	4	299	2,823
65 years and over	27,799	3,219	11.6	3,119	99	3.1	24,580	6,849	14	1,027	16,689
65 to 69 years	8,874	1,827	20.6	1,772	55	3.0	7,048	2,074	7	235	4,732
70 to 74 years	7,580	858	11.3	834	24	2.8	6,722	1,800	1	184	4,737
75 years and over	11,344	534	4.7	514	20	3.8	10,810	2,975	7	608	7,220
Men											
16 years and over	79,047	61,174	77.4	57,365	3,809	6.2	17,873	462	1,580	1,647	14,183
16 to 19 years	5,361	3,581	66.8	2,852	728	20.3	1,781	27	1,037	10	707
16 to 17 years	2,737	1,551	56.7	1,150	401	25.9	1,186	11	722	3	450
18 to 19 years	2,624	2,029	77.3	1,703	327	16.1	595	17	315	7	256
20 to 24 years	7,068	6,296	89.1	5,718	578	9.2	772	28	319	58	367
25 to 54 years	46,225	43,505	94.1	41,274	2,231	5.1	2,720	199	220	853	1,448
25 to 34 years	17,132	16,315	95.2	15,336	980	6.0	817	78	145	152	442
25 to 29 years	7,884	7,497	95.1	7,008	490	6.5	387	43	94	43	207
30 to 34 years	9,248	8,818	95.4	8,328	490	5.6	430	35	51	109	235
35 to 44 years	16,959	16,129	95.1	15,359	770	4.8	831	66	47	277	441
35 to 39 years	9,006	8,582	95.3	8,144	438	5.1	424	40	36	131	217
40 to 44 years	7,953	7,547	94.9	7,214	332	4.4	407	25	11	146	224
45 to 54 years	12,133	11,061	91.2	10,580	481	4.3	1,072	55	28	424	565
45 to 49 years	6,743	6,231	92.4	5,961	269	4.3	512	26	19	208	259
50 to 54 years	5,390	4,831	89.6	4,619	212	4.4	560	29	9	216	306
55 to 64 years	8,690	5,898	67.9	5,677	221	3.7	2,793	60	2	329	2,401
55 to 59 years	4,454	3,562	80.0	3,432	130	3.6	892	29	2	165	695
60 to 64 years	4,237	2,335	55.1	2,244	91	3.9	1,901	31	-	164	1,707
65 years and over	11,703	1,895	16.2	1,843	52	2.7	9,807	148	2	397	9,260
65 to 69 years	4,066	1,052	25.9	1,019	33	3.1	3,015	46	1	127	2,840
70 to 74 years	3,355	511	15.2	500	11	2.1	2,844	44	-	81	2,718
75 years and over	4,282	333	7.8	324	8	2.6	3,949	58	1	189	3,702
Women											
16 years and over	84,810	49,708	58.6	46,698	3,009	6.1	35,102	20,301	1,802	1,397	11,602
16 to 19 years	5,204	3,173	61.0	2,637	536	16.9	2,030	341	1,021	7	661
16 to 17 years	2,602	1,276	49.0	991	286	22.4	1,326	121	736	-	470
18 to 19 years	2,601	1,897	72.9	1,647	251	13.2	704	220	285	8	191
20 to 24 years	7,248	5,590	77.1	5,115	474	8.5	1,658	1,035	354	20	249
25 to 54 years	46,792	35,069	74.9	33,311	1,758	5.0	11,723	9,145	410	482	1,685
25 to 34 years	17,170	12,758	74.3	12,021	737	5.8	4,411	3,503	245	70	593
25 to 29 years	7,947	5,986	75.3	5,625	361	6.0	1,960	1,529	143	16	273
30 to 34 years	9,223	6,772	73.4	6,396	376	5.5	2,451	1,974	102	54	320
35 to 44 years	17,071	13,064	76.5	12,473	592	4.5	4,006	3,203	103	168	532
35 to 39 years	9,002	6,779	75.3	6,459	320	4.7	2,223	1,793	70	91	270
40 to 44 years	8,068	6,285	77.9	6,014	271	4.3	1,783	1,411	33	76	262
45 to 54 years	12,552	9,246	73.7	8,817	429	4.6	3,305	2,439	62	245	560
45 to 49 years	6,930	5,330	76.9	5,093	236	4.4	1,601	1,175	51	111	265
50 to 54 years	5,621	3,917	69.7	3,724	193	4.9	1,704	1,264	11	134	295
55 to 64 years	9,471	4,552	48.1	4,359	193	4.2	4,919	3,078	5	258	1,578
55 to 59 years	4,781	2,760	57.7	2,644	116	4.2	2,021	1,435	1	123	463
60 to 64 years	4,690	1,792	38.2	1,715	77	4.3	2,898	1,643	4	135	1,116
65 years and over	16,096	1,324	8.2	1,276	47	3.6	14,772	6,702	12	629	7,429
65 to 69 years	4,808	775	16.1	753	22	2.8	4,033	2,028	8	108	1,891
70 to 74 years	4,225	347	8.2	333	14	3.9	3,878	1,756	-	102	2,020
75 years and over	7,063	202	2.9	190	12	5.8	6,861	2,917	6	419	3,518

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-4. Employment status of the civilian noninstitutional population by age, sex, and race—Continued

(Numbers in thousands)

Age, sex, and race	June 1993										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
BLACK											
16 years and over	22,313	14,192	63.6	12,150	2,042	14.4	8,121	2,787	989	881	3,464
16 to 19 years	2,092	964	46.1	504	460	47.7	1,129	118	600	7	404
16 to 17 years	1,074	357	33.3	164	193	54.1	717	40	406	2	268
18 to 19 years	1,019	606	59.5	339	267	44.0	412	78	193	5	136
20 to 24 years	2,489	1,783	71.6	1,352	431	24.2	707	258	216	31	201
25 to 54 years	12,890	10,065	78.1	9,007	1,058	10.5	2,825	1,463	166	413	783
25 to 34 years	5,323	4,148	77.9	3,580	568	13.7	1,175	678	118	113	266
25 to 29 years	2,569	1,946	75.8	1,678	269	13.8	622	363	83	48	129
30 to 34 years	2,754	2,202	79.9	1,902	299	13.6	553	316	35	66	137
35 to 44 years	4,611	3,728	80.8	3,384	343	9.2	883	472	33	124	255
35 to 39 years	2,530	2,053	81.1	1,850	202	9.9	477	286	17	41	133
40 to 44 years	2,081	1,675	80.5	1,534	141	8.4	406	186	16	83	121
45 to 54 years	2,956	2,189	74.1	2,042	147	6.7	767	313	16	175	262
45 to 49 years	1,586	1,241	78.3	1,151	90	7.3	345	156	11	73	104
50 to 54 years	1,370	948	69.2	891	57	6.0	422	157	5	102	158
55 to 64 years	2,170	1,124	51.8	1,045	79	7.0	1,047	366	5	191	485
55 to 59 years	1,153	706	61.3	643	63	9.0	447	174	5	104	164
60 to 64 years	1,017	417	41.0	402	15	3.7	600	192	-	87	321
65 years and over	2,670	257	9.6	243	14	5.4	2,413	582	1	239	1,590
65 to 69 years	941	160	17.0	149	11	6.8	781	211	-	63	506
70 to 74 years	764	58	7.6	58	-	(¹)	706	166	1	50	488
75 years and over	966	39	4.1	36	3	(¹)	926	205	-	125	596
Men											
16 years and over	10,070	7,074	70.3	6,004	1,070	15.1	2,996	200	444	455	1,697
16 to 19 years	1,043	522	50.0	291	231	44.3	521	31	279	6	206
16 to 17 years	543	209	38.5	101	108	51.7	334	15	177	2	140
18 to 19 years	499	312	62.6	190	123	39.3	187	16	102	3	65
20 to 24 years	1,155	878	76.0	663	214	24.4	277	25	85	27	139
25 to 54 years	5,821	4,979	85.5	4,419	559	11.2	842	97	79	259	407
25 to 34 years	2,424	2,133	88.0	1,832	301	14.1	291	26	57	81	128
25 to 29 years	1,172	1,006	85.8	870	136	13.5	166	16	47	38	64
30 to 34 years	1,252	1,127	90.0	962	165	14.6	125	9	9	42	64
35 to 44 years	2,074	1,792	86.4	1,612	179	10.0	282	45	13	82	143
35 to 39 years	1,142	1,003	87.8	894	109	10.9	139	26	11	34	68
40 to 44 years	932	789	84.6	718	70	8.9	143	19	1	48	76
45 to 54 years	1,322	1,054	79.7	975	79	7.5	268	27	10	96	136
45 to 49 years	703	582	82.7	530	52	8.9	122	17	9	44	52
50 to 54 years	619	472	76.3	444	27	5.8	147	10	-	52	84
55 to 64 years	966	574	59.4	515	59	10.2	392	22	2	93	276
55 to 59 years	522	374	71.7	330	44	11.7	148	11	2	48	87
60 to 64 years	444	200	45.0	185	15	7.4	244	11	-	45	188
65 years and over	1,086	122	11.3	115	7	5.7	963	24	-	70	869
65 to 69 years	418	72	17.2	65	7	(¹)	346	10	-	29	308
70 to 74 years	328	21	6.5	21	-	(¹)	306	9	-	18	280
75 years and over	340	29	8.6	29	-	(¹)	311	5	-	24	281
Women											
16 years and over	12,243	7,117	58.1	6,146	971	13.6	5,125	2,587	545	426	1,567
16 to 19 years	1,050	442	42.1	213	229	51.8	608	87	321	1	198
16 to 17 years	531	148	27.9	63	85	57.5	383	25	230	-	128
18 to 19 years	519	294	56.6	150	144	49.0	225	62	91	1	70
20 to 24 years	1,334	905	67.8	689	216	23.9	429	232	131	4	62
25 to 54 years	7,070	5,086	71.9	4,587	499	9.8	1,983	1,366	88	154	376
25 to 34 years	2,899	2,015	69.5	1,748	267	13.3	884	653	61	32	138
25 to 29 years	1,397	940	67.3	808	133	14.1	456	346	36	9	65
30 to 34 years	1,502	1,074	71.5	940	134	12.5	428	306	25	23	73
35 to 44 years	2,537	1,936	76.3	1,772	164	8.5	601	427	20	43	111
35 to 39 years	1,388	1,050	75.6	956	93	8.9	338	259	6	7	66
40 to 44 years	1,149	886	77.1	816	71	8.0	263	168	14	36	45
45 to 54 years	1,634	1,135	69.5	1,068	68	6.0	499	286	7	79	127
45 to 49 years	882	659	74.7	621	38	5.8	223	139	2	30	52
50 to 54 years	752	476	63.4	447	29	6.2	275	147	5	50	74
55 to 64 years	1,205	550	45.6	529	20	3.7	655	344	4	98	209
55 to 59 years	631	332	52.6	313	20	6.0	299	163	4	56	76
60 to 64 years	573	217	37.9	217	1	.3	356	181	-	42	133
65 years and over	1,585	135	8.5	128	7	5.1	1,450	558	1	169	722
65 to 69 years	523	88	16.8	84	4	4.4	435	202	-	35	199
70 to 74 years	436	37	8.4	37	-	(¹)	399	157	1	33	209
75 years and over	626	10	1.6	7	3	(¹)	616	200	-	101	314

¹ Data not shown where base is less than 75,000.

A-5. Employment status of the black-and-other civilian noninstitutional population by age and sex

(Numbers in thousands)

Age and sex	June 1993								
	Civilian noninstitutional population	Civilian labor force							Not in labor force
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL									
16 years and over	29,599	18,957	64.0	16,523	250	16,273	2,434	12.8	10,643
16 to 19 years	2,705	1,258	46.5	716	25	691	542	43.1	1,447
16 to 17 years	1,387	474	34.2	241	15	226	234	49.2	913
18 to 19 years	1,318	784	59.5	476	10	466	308	39.3	534
20 to 24 years	3,291	2,299	69.9	1,817	29	1,788	482	21.0	992
25 to 54 years	17,422	13,588	78.0	12,299	144	12,155	1,289	9.5	3,835
25 to 34 years	7,034	5,444	77.4	4,788	57	4,732	655	12.0	1,590
25 to 29 years	3,419	2,577	75.4	2,270	24	2,246	307	11.9	842
30 to 34 years	3,614	2,867	79.3	2,518	33	2,485	349	12.2	747
35 to 44 years	6,244	5,046	80.8	4,620	64	4,556	426	8.4	1,198
35 to 39 years	3,389	2,726	80.4	2,473	33	2,440	253	9.3	664
40 to 44 years	2,855	2,320	81.3	2,147	31	2,115	173	7.5	535
45 to 54 years	4,145	3,099	74.8	2,891	23	2,868	208	6.7	1,046
45 to 49 years	2,248	1,767	78.6	1,643	8	1,635	124	7.0	481
50 to 54 years	1,897	1,331	70.2	1,247	15	1,233	84	6.3	566
55 to 64 years	2,818	1,500	53.2	1,394	35	1,359	106	7.1	1,318
55 to 59 years	1,520	948	62.4	871	21	851	77	8.1	572
60 to 64 years	1,298	552	42.5	523	14	509	29	5.3	746
65 years and over	3,363	311	9.3	296	17	279	15	4.8	3,051
65 to 69 years	1,169	188	16.1	177	7	169	12	6.3	980
70 to 74 years	960	78	8.1	78	5	73	-	-	883
75 years and over	1,234	45	3.7	42	5	37	3	(¹)	1,188
Men									
16 years and over	13,526	9,677	71.5	8,366	219	8,147	1,311	13.5	3,850
16 to 19 years	1,340	670	50.0	393	24	369	277	41.4	670
16 to 17 years	702	274	39.1	140	14	126	134	49.0	427
18 to 19 years	639	396	62.0	253	10	243	143	36.1	243
20 to 24 years	1,551	1,171	75.5	917	26	891	254	21.7	380
25 to 54 years	7,999	6,889	86.1	6,199	121	6,078	690	10.0	1,110
25 to 34 years	3,288	2,884	87.7	2,530	51	2,479	353	12.3	404
25 to 29 years	1,587	1,366	86.1	1,213	22	1,191	153	11.2	220
30 to 34 years	1,701	1,517	89.2	1,318	29	1,288	200	13.2	184
35 to 44 years	2,837	2,479	87.4	2,259	51	2,208	220	8.9	358
35 to 39 years	1,542	1,358	88.1	1,225	27	1,198	134	9.8	184
40 to 44 years	1,295	1,121	86.5	1,034	24	1,010	87	7.7	174
45 to 54 years	1,874	1,526	81.5	1,410	18	1,392	117	7.6	347
45 to 49 years	1,010	852	84.4	781	7	774	71	8.3	158
50 to 54 years	863	674	78.1	628	11	617	46	6.8	189
55 to 64 years	1,279	791	61.8	710	32	678	81	10.2	488
55 to 59 years	708	516	72.9	463	19	444	53	10.2	192
60 to 64 years	571	275	48.1	247	13	233	28	10.2	296
65 years and over	1,358	156	11.5	148	16	132	8	5.0	1,202
65 to 69 years	501	89	17.9	82	7	75	8	8.5	411
70 to 74 years	412	32	7.8	32	4	28	-	(¹)	380
75 years and over	445	34	7.7	34	5	29	-	(¹)	411
Women									
16 years and over	16,073	9,280	57.7	8,157	30	8,126	1,123	12.1	6,793
16 to 19 years	1,365	588	43.1	324	1	323	265	45.0	777
16 to 17 years	685	200	29.2	101	1	100	99	49.6	485
18 to 19 years	679	388	57.1	223	-	223	165	42.6	291
20 to 24 years	1,741	1,128	64.8	901	3	898	228	20.2	612
25 to 54 years	9,423	6,699	71.1	6,100	23	6,077	599	8.9	2,725
25 to 34 years	3,746	2,560	68.3	2,258	5	2,253	302	11.8	1,186
25 to 29 years	1,833	1,211	66.1	1,058	2	1,056	153	12.6	622
30 to 34 years	1,913	1,349	70.5	1,201	3	1,197	149	11.0	564
35 to 44 years	3,406	2,566	75.3	2,361	13	2,348	206	8.0	840
35 to 39 years	1,847	1,367	74.0	1,248	6	1,242	119	8.7	480
40 to 44 years	1,559	1,199	76.9	1,112	7	1,105	87	7.2	360
45 to 54 years	2,271	1,572	69.2	1,481	5	1,476	91	5.8	699
45 to 49 years	1,237	915	73.9	862	1	861	53	5.8	322
50 to 54 years	1,034	657	63.6	619	3	616	38	5.8	376
55 to 64 years	1,540	709	46.1	685	3	682	25	3.5	830
55 to 59 years	812	432	53.2	408	2	407	24	5.5	380
60 to 64 years	727	277	38.2	276	1	275	1	.4	450
65 years and over	2,005	155	7.8	148	1	147	7	4.6	1,849
65 to 69 years	668	99	14.8	95	1	94	4	4.3	569
70 to 74 years	548	45	8.3	46	1	45	-	(¹)	503
75 years and over	789	11	1.4	8	-	8	3	(¹)	777

¹ Data not shown where base is less than 75,000.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-6. 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 1992	June 1993	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993
TOTAL								
Civilian noninstitutional population	191,455	193,456	84,842	85,872	93,479	94,315	13,134	13,270
Civilian labor force	129,002	129,839	66,271	66,601	54,730	55,226	8,000	8,012
Percent of population	67.4	67.1	78.1	77.6	58.5	58.6	60.9	60.4
Employed	118,907	120,586	61,698	62,486	51,217	51,894	5,992	6,206
Agriculture	3,698	3,460	2,599	2,433	770	685	330	342
Nonagricultural industries	115,209	117,126	59,099	60,053	50,447	51,209	5,662	5,864
Unemployed	10,095	9,252	4,574	4,115	3,513	3,332	2,008	1,806
Unemployment rate	7.8	7.1	6.9	6.2	6.4	6.0	25.1	22.5
Not in labor force	62,453	63,617	18,570	19,271	38,749	39,088	5,134	5,258
White								
Civilian noninstitutional population	162,575	163,857	73,002	73,686	79,098	79,606	10,476	10,565
Civilian labor force	110,057	110,882	57,327	57,594	46,003	46,534	6,727	6,754
Percent of population	67.7	67.7	78.5	78.2	58.2	58.5	64.2	63.9
Employed	102,616	104,063	53,834	54,512	43,504	44,061	5,278	5,490
Agriculture	3,478	3,211	2,419	2,237	742	656	317	317
Nonagricultural industries	99,139	100,853	51,416	52,275	42,762	43,406	4,961	5,172
Unemployed	7,441	6,819	3,493	3,081	2,499	2,473	1,449	1,264
Unemployment rate	6.8	6.1	6.1	5.4	5.4	5.3	21.5	18.7
Not in labor force	52,518	52,975	15,675	16,092	33,095	33,072	3,749	3,811
Black								
Civilian noninstitutional population	21,937	22,313	8,850	9,027	11,018	11,193	2,069	2,092
Civilian labor force	14,272	14,192	6,567	6,553	6,710	6,675	995	964
Percent of population	65.1	63.6	74.2	72.6	60.9	59.6	48.1	46.1
Employed	12,056	12,150	5,672	5,714	5,858	5,933	526	504
Agriculture	149	166	122	139	17	10	10	17
Nonagricultural industries	11,907	11,984	5,551	5,575	5,841	5,923	515	486
Unemployed	2,216	2,042	895	839	852	742	469	460
Unemployment rate	15.5	14.4	13.6	12.8	12.7	11.1	47.2	47.7
Not in labor force	7,665	8,121	2,283	2,475	4,309	4,518	1,074	1,129

A-7. 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 1993									
	Civilian noninstitutional population	Civilian labor force								Percent of labor force
		Total	Percent of population	Employed			Unemployed			
			Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work		
TOTAL ENROLLED										
Total, 16 to 24 years	8,247	4,215	51.1	3,483	881	2,602	732	289	444	17.4
16 to 19 years	5,435	2,447	45.0	1,892	269	1,623	555	204	352	22.7
20 to 24 years	2,812	1,768	62.9	1,591	612	979	177	85	92	10.0
High school	4,617	1,906	41.3	1,420	134	1,285	486	165	321	25.5
College	3,629	2,309	63.6	2,063	746	1,317	246	123	123	10.7
Full-time students	2,641	1,457	55.2	1,279	347	933	178	88	90	12.2
Part-time students	988	852	86.2	784	400	384	68	35	33	8.0
Men, 16 to 24 years	3,979	2,039	51.3	1,633	411	1,223	406	141	265	19.9
16 to 19 years	2,714	1,242	45.8	942	138	804	300	95	206	24.2
20 to 24 years	1,265	797	63.0	692	273	419	106	47	59	13.3
High school	2,392	1,053	44.0	768	80	689	285	84	201	27.0
College	1,587	986	62.2	865	331	534	121	57	64	12.3
Full-time students	1,180	634	53.7	542	150	392	92	46	46	14.5
Part-time students	406	353	86.8	323	181	142	29	11	18	8.3
Women, 16 to 24 years	4,268	2,176	51.0	1,849	470	1,379	326	147	179	15.0
16 to 19 years	2,721	1,205	44.3	950	131	819	255	109	146	21.2
20 to 24 years	1,547	970	62.7	899	339	560	71	38	33	7.3
High school	2,225	853	38.3	651	55	597	202	81	120	23.6
College	2,043	1,323	64.8	1,198	415	783	125	66	59	9.4
Full-time students	1,461	824	56.4	738	197	541	86	42	44	10.4
Part-time students	582	499	85.8	460	219	242	39	24	15	7.8
White										
Total, 16 to 24 years	6,257	3,473	55.5	2,954	739	2,215	518	213	306	14.9
16 to 19 years	4,138	2,028	49.0	1,639	230	1,409	389	145	244	19.2
20 to 24 years	2,119	1,444	68.2	1,315	509	806	129	68	61	8.9
Men	3,065	1,690	55.1	1,397	344	1,052	293	108	185	17.3
Women	3,192	1,783	55.8	1,557	395	1,162	225	104	121	12.6
High school	3,506	1,603	45.7	1,262	125	1,137	341	113	229	21.3
College	2,751	1,869	68.0	1,692	614	1,078	177	100	77	9.5
Full-time students	1,975	1,182	59.8	1,058	281	777	124	77	47	10.5
Part-time students	776	687	88.6	634	333	302	53	23	30	7.7
Black										
Total, 16 to 24 years	1,368	486	35.6	315	113	202	171	70	101	35.2
16 to 19 years	932	281	30.1	150	32	117	131	53	78	46.7
20 to 24 years	436	205	47.1	165	81	84	40	17	23	19.6
Men	626	231	36.9	143	50	93	88	30	58	38.2
Women	742	256	34.4	172	64	109	83	40	43	32.6
High school	812	207	25.4	89	8	81	118	49	68	57.0
College	556	280	50.4	226	106	120	54	21	33	19.1
Full-time students	395	152	38.6	114	53	61	38	9	30	25.2
Part-time students	161	128	79.3	112	53	59	15	12	3	11.9
Hispanic origin										
Total, 16 to 24 years	950	319	33.5	240	66	174	78	28	50	24.6
16 to 19 years	699	170	24.3	111	23	88	59	21	38	34.7
20 to 24 years	251	149	59.2	129	44	85	20	7	12	13.1
Men	444	160	35.9	119	32	87	41	14	27	25.8
Women	505	159	31.4	122	35	87	37	14	23	23.5
High school	645	127	19.7	79	10	69	48	13	35	37.7
College	305	191	62.7	161	56	105	30	15	15	15.9
Full-time students	234	137	58.7	119	36	83	18	12	5	13.0
Part-time students	71	54	(²)	41	20	21	13	3	10	(²)

See footnotes at end of table.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-7. 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 1993									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
TOTAL NOT ENROLLED										
Total, 16 to 24 years	22,630	17,982	79.5	15,374	11,343	4,031	2,608	2,058	550	14.5
16 to 19 years	7,835	5,565	71.0	4,314	2,243	2,071	1,251	845	406	22.5
20 to 24 years	14,795	12,417	83.9	11,060	9,100	1,960	1,357	1,213	144	10.9
Less than a high school diploma	7,302	4,626	63.4	3,485	1,908	1,577	1,141	788	353	24.7
High school graduates, no college	7,279	6,077	83.5	5,305	4,285	1,020	772	673	99	12.7
Less than a bachelor's degree	6,360	5,698	89.6	5,100	3,825	1,275	598	512	86	10.5
College graduates	1,689	1,581	93.6	1,484	1,325	159	97	85	12	6.1
Men, 16 to 24 years	11,341	9,678	85.3	8,247	6,507	1,740	1,431	1,141	290	14.8
16 to 19 years	3,987	3,008	75.5	2,303	1,315	988	705	471	234	23.4
20 to 24 years	7,353	6,669	90.7	5,943	5,192	751	726	670	56	10.9
Less than a high school diploma	3,888	2,877	74.0	2,193	1,372	820	685	477	208	23.8
High school graduates, no college	3,699	3,375	91.2	2,955	2,576	379	420	385	35	12.4
Less than a bachelor's degree	3,001	2,741	91.4	2,446	1,966	480	295	260	35	10.8
College graduates	754	684	90.8	653	593	61	31	19	12	4.5
Women, 16 to 24 years	11,289	8,304	73.6	7,127	4,836	2,292	1,177	917	260	14.2
16 to 19 years	3,848	2,556	66.4	2,011	928	1,083	546	374	172	21.3
20 to 24 years	7,442	5,748	77.2	5,117	3,908	1,209	631	543	88	11.0
Less than a high school diploma	3,414	1,749	51.2	1,293	536	757	456	311	145	26.1
High school graduates, no college	3,581	2,702	75.5	2,350	1,709	642	352	288	64	13.0
Less than a bachelor's degree	3,359	2,956	88.0	2,654	1,859	795	303	252	51	10.2
College graduates	935	897	95.9	830	732	98	66	66	-	7.4
White										
Total, 16 to 24 years	18,624	15,167	81.4	13,369	9,874	3,495	1,796	1,407	391	11.9
16 to 19 years	6,427	4,726	73.5	3,851	2,023	1,826	875	596	278	18.5
20 to 24 years	12,197	10,441	85.6	9,518	7,851	1,667	923	811	112	8.8
Men	9,364	8,187	87.4	7,174	5,685	1,489	1,013	807	205	12.4
Women	9,259	6,980	75.4	6,195	4,189	2,006	785	600	185	11.2
Less than a high school diploma	5,839	3,864	66.2	3,082	1,681	1,400	782	551	231	20.2
High school graduates, no college	5,901	5,008	84.9	4,494	3,634	860	514	430	84	10.3
Less than a bachelor's degree	5,392	4,876	90.4	4,459	3,377	1,083	417	348	69	8.6
College graduates	1,492	1,419	95.1	1,334	1,182	152	85	78	7	6.0
Black										
Total, 16 to 24 years	3,214	2,260	70.3	1,541	1,111	430	719	587	133	31.8
16 to 19 years	1,160	683	58.8	354	156	197	329	222	107	48.2
20 to 24 years	2,054	1,577	76.8	1,187	954	233	390	365	25	24.7
Men	1,572	1,169	74.3	811	611	201	357	289	68	30.6
Women	1,642	1,091	66.5	730	500	230	362	297	64	33.2
Less than a high school diploma	1,191	611	51.3	295	145	150	316	211	105	51.7
High school graduates, no college	1,156	911	78.8	672	538	135	239	127	11	26.2
Less than a bachelor's degree	749	642	85.7	485	343	143	157	145	12	24.4
College graduates	118	96	81.6	88	85	3	8	3	5	8.2
Hispanic origin										
Total, 16 to 24 years	2,540	1,751	68.9	1,489	1,185	305	262	229	33	15.0
16 to 19 years	820	489	59.7	366	249	117	123	98	25	25.2
20 to 24 years	1,721	1,262	73.3	1,123	936	188	139	130	8	11.0
Men	1,323	1,122	84.8	976	820	156	146	128	18	13.0
Women	1,218	629	51.7	513	365	148	116	101	15	18.5
Less than a high school diploma	1,412	864	61.2	724	569	155	140	116	24	16.2
High school graduates, no college	687	515	75.0	425	354	72	90	84	6	17.5
Less than a bachelor's degree	383	318	83.0	286	213	73	32	29	3	10.0
College graduates	58	54	(²)	54	49	5	-	-	-	(²)

¹ Employed persons with a job but not at work and persons at work part time are distributed according to whether they usually work full or part time.

² 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. Educational attainment levels, beginning January 1992, have been revised to reflect degrees or diplomas received rather than years of school completed. 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-8. 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 1992	June 1993	Total		Employed		Unemployed			
			June 1992	June 1993	June 1992	June 1993	Number		Percent of labor force	
							June 1992	June 1993	June 1992	June 1993
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,860	7,908	7,089	7,099	6,724	6,777	365	322	5.2	4.5
35 to 49 years	6,272	5,949	5,904	5,597	5,601	5,315	303	282	5.1	5.0
35 to 39 years	944	736	879	695	831	646	47	49	5.4	7.0
40 to 44 years	2,699	2,288	2,564	2,162	2,433	2,054	131	108	5.1	5.0
45 to 49 years	2,629	2,925	2,461	2,740	2,336	2,614	125	125	5.1	4.6
50 years and over	1,588	1,959	1,185	1,502	1,123	1,462	62	40	5.2	2.7
NONVETERANS										
Total, 35 to 49 years	19,300	20,306	17,989	18,888	16,986	17,949	1,004	939	5.6	5.0
35 to 39 years	8,694	8,985	8,237	8,465	7,716	8,029	522	436	6.3	5.2
40 to 44 years	6,195	6,752	5,762	6,314	5,494	6,011	268	303	4.7	4.8
45 to 49 years	4,411	4,569	3,990	4,109	3,776	3,909	214	200	5.4	4.9

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-9. Employed and unemployed full- and part-time workers by sex, age, and race

(In thousands)

Sex, age, and race	June 1993							
	Employed						Unemployed	
	Full time			Part time			Looking for full-time work	Looking for part-time work
	Total	Full-time schedules ¹	Part time for economic reasons, usually work full time	Total	Voluntary ¹	Part time for economic reasons, usually work part time		
TOTAL								
Total, 16 years and over	100,262	98,188	2,073	20,325	15,570	4,754	7,684	1,568
16 to 19 years	2,512	2,355	156	3,694	2,874	820	1,048	758
16 to 17 years	524	472	52	1,857	1,518	339	383	538
18 to 19 years	1,988	1,884	104	1,837	1,357	480	666	220
20 years and over	97,750	95,833	1,917	16,631	12,696	3,934	6,636	810
20 to 24 years	9,712	9,415	297	2,939	2,045	894	1,298	236
25 years and over	88,038	86,418	1,620	13,692	10,651	3,041	5,338	574
25 to 54 years	77,079	75,669	1,410	9,805	7,266	2,539	4,821	457
55 years and over	10,959	10,749	211	3,886	3,385	502	517	117
Men, 16 years and over	58,873	57,677	1,195	6,858	4,739	2,120	4,414	706
16 to 19 years	1,453	1,377	76	1,792	1,401	392	566	440
20 years and over	57,420	56,300	1,119	5,066	3,338	1,728	3,848	267
20 to 24 years	5,465	5,307	158	1,170	746	424	716	115
25 years and over	51,955	50,994	961	3,896	2,593	1,304	3,131	151
25 to 54 years	45,149	44,337	812	2,324	1,225	1,099	2,812	109
55 years and over	6,806	6,657	149	1,572	1,367	204	319	42
Women, 16 years and over	41,389	40,511	878	13,466	10,831	2,635	3,271	862
16 to 19 years	1,059	979	80	1,902	1,474	428	483	318
20 years and over	40,330	39,532	798	11,564	9,358	2,207	2,788	543
20 to 24 years	4,247	4,108	139	1,769	1,300	469	582	120
25 years and over	36,083	35,424	659	9,795	8,058	1,737	2,207	423
25 to 54 years	31,930	31,332	598	7,481	6,041	1,440	2,009	348
55 years and over	4,153	4,092	62	2,315	2,017	297	198	75
White								
Men, 16 years and over	51,464	50,475	989	5,901	4,171	1,730	3,320	490
16 to 19 years	1,281	1,216	65	1,571	1,238	333	423	305
20 years and over	50,183	49,259	924	4,329	2,933	1,396	2,897	185
20 to 24 years	4,748	4,614	134	970	623	347	493	85
25 years and over	45,435	44,645	790	3,359	2,310	1,049	2,404	100
25 to 54 years	39,360	38,699	661	1,915	1,024	891	2,161	69
55 years and over	6,075	5,946	129	1,444	1,286	158	243	30
Women, 16 years and over	34,719	33,997	722	11,980	9,783	2,197	2,352	657
16 to 19 years	972	896	77	1,665	1,277	388	318	218
20 years and over	33,746	33,101	645	10,315	8,506	1,809	2,033	440
20 to 24 years	3,612	3,495	117	1,503	1,122	381	386	89
25 years and over	30,135	29,606	529	8,812	7,384	1,428	1,648	351
25 to 54 years	26,559	26,084	475	6,752	5,568	1,184	1,474	285
55 years and over	3,576	3,522	53	2,060	1,816	244	174	66
Black								
Men, 16 years and over	5,294	5,127	167	710	375	335	903	167
16 to 19 years	127	120	8	163	113	50	126	105
20 years and over	5,167	5,008	159	546	262	284	777	62
20 to 24 years	533	518	15	130	60	70	193	21
25 years and over	4,634	4,489	145	416	202	214	584	41
25 to 54 years	4,101	3,975	126	318	143	175	525	35
55 years and over	533	514	19	98	59	39	59	7
Women, 16 years and over	5,079	4,950	129	1,068	717	351	803	168
16 to 19 years	62	60	1	151	122	29	149	80
20 years and over	5,017	4,890	127	916	595	321	655	88
20 to 24 years	502	485	17	187	108	79	189	27
25 years and over	4,515	4,404	110	730	487	243	466	60
25 to 54 years	4,069	3,966	103	518	322	196	446	53
55 years and over	445	439	7	212	165	47	19	8

Employed persons with a job but not at work are distributed according to whether they usually work full or part time.

A-10. Employment status of persons in families by family relationship

(Numbers in thousands)

Family relationship	June 1993									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over ¹	103,033	67.7	95,592	7,441	7.2	49,123	20,123	4,386	2,695	21,919
Husbands	40,195	77.5	38,601	1,594	4.0	11,643	252	150	1,063	10,177
With employed wife	26,883	91.4	25,886	996	3.7	2,532	117	97	431	1,887
With unemployed wife	1,257	93.6	1,089	168	13.4	86	1	-	22	64
With wife not in labor force	12,055	57.2	11,626	429	3.6	9,025	134	54	611	8,225
Wives	30,758	59.3	29,415	1,343	4.4	21,080	15,080	250	422	5,329
With employed husband	26,975	69.9	25,886	1,089	4.0	11,626	9,701	212	163	1,551
With unemployed husband	1,165	73.1	996	168	14.4	429	361	11	15	42
With husband not in labor force	2,618	22.5	2,532	86	3.3	9,025	5,018	26	244	3,736
Relatives in married-couple families	13,714	68.8	11,667	2,048	14.9	6,208	780	2,515	355	2,557
16 to 19 years	5,093	61.2	4,101	992	19.5	3,229	148	1,854	15	1,212
20 to 24 years	5,018	82.3	4,416	602	12.0	1,079	145	537	45	352
25 years and over	3,604	65.5	3,150	454	12.6	1,900	487	124	295	993
Women who maintain families	7,499	61.8	6,773	726	9.7	4,629	2,833	206	297	1,293
Relatives in families maintained by women	6,379	63.0	5,103	1,276	20.0	3,747	767	1,002	357	1,621
16 to 19 years	1,649	55.7	1,101	549	33.3	1,310	125	718	7	459
20 to 24 years	1,596	73.2	1,295	300	18.8	584	120	204	31	228
25 years and over	3,134	62.8	2,707	427	13.6	1,853	522	80	319	934
Men who maintain families	2,563	77.8	2,377	186	7.3	733	76	31	84	543
Relatives in families maintained by men	1,924	64.0	1,656	268	13.9	1,082	335	232	117	398
16 to 19 years	341	57.6	253	88	25.9	251	24	167	-	60
20 to 24 years	489	79.8	437	52	10.6	124	33	43	8	40
25 years and over	1,094	60.7	966	128	11.7	707	278	22	109	298

¹ Excludes persons living alone or with nonrelatives, persons in families where the husband, wife, or other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies.

NOTE: Estimates shown in this table for husbands, wives, and women

who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-11. 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 1992	June 1993	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993
Total, 16 years and over	5,673	5,120	8.0	7.2	4,422	4,132	7.6	7.0
Married, spouse present	2,061	1,785	4.9	4.2	1,598	1,448	5.0	4.6
Widowed, divorced, or separated	745	652	9.4	8.4	854	892	7.5	7.6
Single (never married)	2,868	2,683	14.3	13.3	1,969	1,792	12.9	11.6
White, 16 years and over	4,281	3,809	7.0	6.2	3,160	3,009	6.4	6.1
Married, spouse present	1,734	1,467	4.6	3.8	1,304	1,216	4.6	4.3
Widowed, divorced, or separated	561	505	8.6	7.9	622	657	6.8	6.9
Single (never married)	1,986	1,837	12.1	11.1	1,234	1,136	10.4	9.4
Black, 16 years and over	1,164	1,070	16.4	15.1	1,053	971	14.7	13.6
Married, spouse present	235	222	7.6	7.1	216	164	9.0	7.0
Widowed, divorced, or separated	156	124	13.5	10.8	198	208	9.9	10.4
Single (never married)	772	724	27.3	25.7	639	600	23.0	21.5
Total, 25 years and over	3,683	3,283	6.3	5.6	2,730	2,629	5.7	5.4
Married, spouse present	1,933	1,708	4.7	4.1	1,427	1,294	4.8	4.3
Widowed, divorced, or separated	717	624	9.3	8.2	780	841	7.1	7.3
Single (never married)	1,033	950	10.4	9.4	523	494	7.4	7.0
White, 25 years and over	2,857	2,504	5.6	4.9	1,987	1,999	4.9	4.9
Married, spouse present	1,628	1,409	4.4	3.8	1,161	1,090	4.4	4.1
Widowed, divorced, or separated	535	484	8.5	7.8	565	623	6.4	6.8
Single (never married)	694	611	8.7	7.5	261	286	5.1	5.5
Black, 25 years and over	666	625	11.7	11.0	618	526	10.5	9.1
Married, spouse present	216	209	7.2	6.9	195	140	8.5	6.3
Widowed, divorced, or separated	154	119	13.5	10.5	182	190	9.4	9.8
Single (never married)	296	298	19.2	19.3	241	196	14.6	12.2

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993
Total, 16 years and over	10,095	9,252	7.8	7.1	8.0	7.2	7.6	7.0
Managerial and professional specialty	1,047	958	3.3	2.9	3.4	2.6	3.2	3.2
Executive, administrative, and managerial	564	502	3.7	3.2	3.7	2.7	3.6	3.7
Professional specialty	483	456	2.9	2.7	3.0	2.5	2.9	2.9
Technical, sales, and administrative support	2,375	2,264	6.0	5.7	5.3	5.2	6.4	6.1
Technicians and related support	156	188	3.5	4.3	4.3	4.5	2.5	4.1
Sales occupations	1,057	955	6.9	6.2	4.9	4.7	9.1	7.8
Administrative support, including clerical	1,161	1,122	5.9	5.7	6.6	6.6	5.7	5.5
Service occupations	1,527	1,404	8.6	7.7	9.1	8.7	8.2	7.0
Private household	96	57	8.9	5.7	(¹)	(¹)	8.9	6.1
Protective service	106	113	4.8	5.0	4.9	4.5	4.5	6.9
Service, except private household and protective	1,324	1,234	9.1	8.2	10.5	10.2	8.3	7.1
Precision production, craft, and repair	1,211	1,149	8.3	7.7	8.3	7.5	8.9	10.7
Mechanics and repairers	254	217	5.3	4.6	5.3	4.4	5.4	10.6
Construction trades	673	612	11.8	10.3	11.8	10.3	12.8	11.0
Other precision production, craft, and repair	284	320	7.1	7.6	6.4	6.6	9.0	10.6
Operators, fabricators, and laborers	2,078	1,817	10.7	9.6	10.8	9.4	10.4	10.3
Machine operators, assemblers, and inspectors	873	801	10.1	9.9	10.2	9.2	10.1	10.8
Transportation and material moving occupations	408	347	7.7	6.4	7.9	6.5	5.5	5.3
Handlers, equipment cleaners, helpers, and laborers	797	669	14.5	12.4	14.8	12.7	13.5	11.0
Construction laborers	175	129	20.7	15.3	20.5	15.8	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	622	539	13.4	11.8	13.5	12.0	13.2	11.1
Farming, forestry, and fishing	282	252	6.5	6.1	6.6	5.7	5.9	7.7
No previous work experience	1,517	1,364	-	-	-	-	-	-
16 to 19 years	1,123	992	-	-	-	-	-	-
20 to 24 years	227	228	-	-	-	-	-	-
25 years and over	167	144	-	-	-	-	-	-

¹ Data not shown where base is less than 75,000.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-13. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993
Total, 16 years and over	10,095	9,252	7.8	7.1	8.0	7.2	7.6	7.0
Nonagricultural private wage and salary workers	7,438	6,803	7.7	7.1	8.1	7.3	7.3	6.8
Mining	55	47	8.3	6.6	9.5	7.0	2.6	4.6
Construction	910	805	14.6	13.0	14.9	13.2	12.0	10.7
Manufacturing	1,666	1,464	7.8	7.1	7.2	6.5	8.9	8.3
Durable goods	957	851	7.7	7.2	7.2	6.7	8.9	8.5
Lumber and wood products	43	58	6.3	8.6	5.3	8.7	11.8	8.4
Furniture and fixtures	62	69	9.6	11.0	11.0	12.0	6.2	9.1
Stone, clay, and glass products	43	22	7.5	4.1	8.8	4.2	2.9	3.9
Primary metal industries	65	39	7.5	5.5	6.9	5.2	11.5	7.7
Fabricated metal products	123	83	9.3	6.7	8.7	6.0	11.2	9.4
Machinery and computing equipment	181	141	7.3	5.9	6.8	5.2	8.8	8.7
Electrical machinery, equipment, and supplies	142	144	7.0	7.5	5.9	5.7	8.6	10.0
Transportation equipment	184	210	7.3	8.7	6.9	8.9	8.2	8.0
Automobiles	94	89	7.4	7.1	7.4	7.4	7.7	6.3
Other transportation equipment	90	121	7.1	10.3	6.6	10.4	8.9	10.2
Professional and photographic equipment	55	45	6.7	6.1	5.8	6.3	8.2	5.8
Other durable goods industries	59	40	11.4	6.9	10.5	5.4	12.3	9.1
Nondurable goods	710	612	7.9	7.0	7.2	6.2	8.9	8.2
Food and kindred products	219	176	10.9	8.7	9.2	8.1	13.7	9.7
Textile mill products	40	44	6.0	6.7	5.0	6.6	7.0	6.9
Apparel and other textile products	116	118	10.4	11.0	12.6	10.9	9.7	11.1
Paper and allied products	43	36	5.9	4.8	6.1	4.1	5.5	6.9
Printing and publishing	113	103	6.3	5.7	5.5	5.1	7.3	6.4
Chemicals and allied products	65	83	4.8	6.9	4.8	6.7	4.8	7.3
Rubber and miscellaneous plastics products	76	34	9.1	4.1	9.2	3.7	8.8	4.8
Other nondurable goods industries	40	17	8.9	4.3	7.5	1.5	11.6	9.9
Transportation and public utilities	379	309	5.7	4.5	6.2	5.0	4.4	3.2
Transportation	263	224	6.7	5.5	7.3	5.9	5.0	4.2
Communications and other public utilities	116	85	4.1	3.0	4.3	3.4	3.8	2.3
Wholesale and retail trade	2,196	2,025	8.8	8.1	8.2	7.8	9.5	8.5
Wholesale trade	289	274	6.2	6.0	5.5	5.1	8.0	8.3
Retail trade	1,907	1,751	9.4	8.6	9.1	8.6	9.8	8.6
Finance, insurance, and real estate	299	323	4.2	4.3	3.7	3.8	4.5	4.6
Service industries	1,932	1,830	6.7	6.2	7.6	6.5	6.1	6.0
Professional services	709	781	4.2	4.5	4.8	4.5	3.9	4.5
Other service industries	1,224	1,049	10.1	8.6	9.9	8.2	10.3	9.1
Agricultural wage and salary workers	222	192	9.9	9.3	10.6	8.9	7.6	10.5
Government, self-employed, and unpaid family workers	917	892	3.1	3.0	3.3	3.0	2.9	3.0
No previous work experience	1,517	1,364	-	-	-	-	-	-

A-14. Unemployed persons by reason for unemployment, sex, and race

(Numbers in thousands)

Reason for unemployment	Total unemployed		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993
NUMBER OF UNEMPLOYED												
Total unemployed	10,095	9,252	4,574	4,115	3,513	3,332	2,008	1,806	7,441	6,819	2,216	2,042
Job losers	5,165	4,559	3,273	2,751	1,658	1,606	234	202	4,006	3,481	974	907
On layoff	1,123	985	712	611	371	334	41	40	966	830	110	130
Other job losers	4,041	3,574	2,561	2,140	1,287	1,272	194	162	3,040	2,651	864	777
Job leavers	989	924	442	415	413	366	135	143	740	710	202	171
Reentrants	2,502	2,463	744	805	1,211	1,162	546	495	1,755	1,756	636	607
New entrants	1,439	1,307	115	144	231	197	1,092	966	941	872	404	356
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	51.2	49.3	71.6	66.9	47.2	48.2	11.7	11.2	53.8	51.1	44.0	44.4
On layoff	11.1	10.6	15.6	14.8	10.6	10.0	2.0	2.2	13.0	12.2	5.0	6.4
Other job losers	40.0	38.6	56.0	52.0	36.6	38.2	9.6	9.0	40.9	38.9	39.0	38.0
Job leavers	9.8	10.0	9.7	10.1	11.7	11.0	6.7	7.9	9.9	10.4	9.1	8.4
Reentrants	24.8	26.6	16.3	19.6	34.5	34.9	27.2	27.4	23.6	25.7	28.7	29.7
New entrants	14.3	14.1	2.5	3.5	6.6	5.9	54.4	53.5	12.6	12.8	18.2	17.4
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	4.0	3.5	4.9	4.1	3.0	2.9	2.9	2.5	3.6	3.1	6.8	6.4
Job leavers .....	.8	.7	.7	.6	.8	.7	1.7	1.8	.7	.6	1.4	1.2
Reentrants	1.9	1.9	1.1	1.2	2.2	2.1	6.8	6.2	1.6	1.6	4.5	4.3
New entrants	1.1	1.0	.2	.2	.4	.4	13.7	12.1	.9	.8	2.8	2.5

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-15. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	June 1993						
	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	9,252	100.0	42.5	25.6	31.9	12.7	19.1
Job losers	4,559	100.0	27.5	26.9	45.5	17.8	27.7
On layoff	985	100.0	44.4	24.0	31.5	12.5	19.0
Other job losers	3,574	100.0	22.9	27.7	49.4	19.3	30.1
Job leavers	924	100.0	48.8	26.2	25.0	11.3	13.7
Reentrants	2,463	100.0	55.3	25.2	19.5	7.9	11.6
New entrants	1,307	100.0	66.4	21.2	12.4	5.1	7.3
Men, 20 years and over	4,115	100.0	32.4	26.4	41.3	15.8	25.4
Job losers	2,751	100.0	25.2	26.4	48.4	18.8	29.6
On layoff	611	100.0	42.7	23.7	33.6	13.3	20.4
Other job losers	2,140	100.0	20.3	27.1	52.6	20.4	32.2
Job leavers	415	100.0	43.7	26.0	30.3	12.6	17.7
Reentrants	805	100.0	47.9	26.7	25.4	9.1	16.3
New entrants	144	100.0	49.6	25.1	25.3	6.4	18.9
Women, 20 years and over	3,332	100.0	39.9	27.4	32.7	13.3	19.4
Job losers	1,606	100.0	27.7	28.3	44.0	17.1	27.0
On layoff	334	100.0	43.0	26.1	30.9	12.1	18.9
Other job losers	1,272	100.0	23.6	28.9	47.5	18.4	29.1
Job leavers	366	100.0	42.8	30.6	26.6	12.1	14.5
Reentrants	1,162	100.0	54.5	25.0	20.5	9.2	11.3
New entrants	197	100.0	47.7	28.6	23.7	9.1	14.6
Both sexes, 16 to 19 years	1,806	100.0	70.6	20.5	8.9	4.6	4.3
Job losers	202	100.0	58.1	23.4	18.5	10.8	7.7
On layoff	40	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	162	100.0	51.7	26.2	22.1	12.5	9.6
Job leavers	143	100.0	78.8	15.4	5.8	5.6	.2
Reentrants	495	100.0	69.1	23.5	7.4	2.9	4.6
New entrants	966	100.0	72.7	19.1	8.2	4.1	4.1

¹ Data not shown where base is less than 75,000.

A-16. Unemployed persons by duration of unemployment

Duration of unemployment,	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993
	Total, 16 years and over	10,095	9,252	100.0	100.0	8,479	7,684	100.0	100.0
Less than 5 weeks	4,202	3,935	41.6	42.5	3,170	2,914	37.4	37.9
5 to 14 weeks	2,358	2,368	23.4	25.6	2,013	2,036	23.7	26.5
5 to 10 weeks	1,757	1,715	17.4	18.5	1,472	1,461	17.4	19.0
11 to 14 weeks	602	653	6.0	7.1	541	575	6.4	7.5
15 weeks and over	3,535	2,949	35.0	31.9	3,297	2,735	38.9	35.6
15 to 26 weeks	1,401	1,178	13.9	12.7	1,331	1,084	15.7	14.1
27 weeks and over	2,133	1,771	21.1	19.1	1,965	1,651	23.2	21.5
27 to 51 weeks	1,004	738	9.9	8.0	946	696	11.2	9.1
52 weeks and over	1,130	1,033	11.2	11.2	1,020	954	12.0	12.4
Average (mean) duration, in weeks	17.6	17.1	-	-	19.1	18.6	-	-
Median duration, in weeks	7.1	6.6	-	-	8.7	8.2	-	-

A-17. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								June 1992	June 1993	June 1992	June 1993
	June 1993										
Total, 16 years and over	9,252	3,935	2,368	1,178	1,771	17.1	6.6	41.6	42.5	35.0	31.9
16 to 19 years	1,806	1,275	370	83	78	6.6	3.2	70.5	70.6	11.3	8.9
20 to 24 years	1,534	787	401	156	189	12.4	4.4	51.4	51.3	22.9	22.5
25 to 34 years	2,372	848	722	343	460	17.6	8.3	33.5	35.8	40.7	33.8
35 to 44 years	1,788	564	451	305	468	21.2	11.4	31.5	31.6	44.1	43.2
45 to 54 years	1,118	301	281	175	361	26.0	13.6	23.3	26.9	53.7	47.9
55 to 64 years	520	123	115	105	177	29.1	17.0	23.9	23.7	55.0	54.3
65 years and over	114	37	29	11	39	26.4	8.4	26.0	32.0	51.7	43.0
Men, 16 years and over	5,120	2,027	1,294	717	1,082	18.6	7.8	37.9	39.6	39.8	35.1
16 to 19 years	1,005	694	209	66	36	6.5	3.3	70.1	69.1	12.5	10.1
20 to 24 years	832	422	202	94	113	13.3	4.4	45.0	50.8	28.9	24.9
25 to 34 years	1,333	402	414	207	310	20.4	9.8	29.6	30.1	47.2	38.8
35 to 44 years	990	301	240	174	275	22.5	12.7	29.0	30.4	47.9	45.4
45 to 54 years	598	150	137	106	204	28.0	15.8	20.2	25.1	56.2	51.9
55 to 64 years	302	43	77	68	114	32.7	19.9	20.5	14.3	58.9	60.2
65 years and over	60	14	14	2	30	(¹)	(¹)	26.9	(¹)	55.1	(¹)
Women, 16 years and over	4,132	1,908	1,075	461	689	15.1	5.5	46.4	46.2	28.9	27.8
16 to 19 years	801	580	161	18	42	6.8	3.1	71.0	72.4	9.9	7.4
20 to 24 years	702	365	199	62	76	11.3	4.3	58.6	52.0	16.0	19.7
25 to 34 years	1,039	446	307	135	150	14.1	6.1	38.5	43.0	32.3	27.5
35 to 44 years	798	263	211	131	192	19.6	9.7	34.5	33.0	39.6	40.5
45 to 54 years	520	151	144	69	156	23.8	12.0	28.0	29.0	49.8	43.3
55 to 64 years	218	80	38	37	63	24.0	11.8	31.0	36.7	47.1	46.0
65 years and over	54	23	15	8	9	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,819	2,920	1,735	885	1,279	16.8	6.4	40.7	42.8	35.9	31.7
Men	3,809	1,531	943	548	788	18.3	7.7	37.6	40.2	40.2	35.1
Women	3,009	1,389	792	337	491	14.9	5.4	45.0	46.2	30.1	27.5
Black, 16 years and over	2,042	856	547	244	395	17.2	7.0	44.0	41.9	33.5	31.3
Men	1,070	410	291	136	234	19.0	7.7	38.1	38.3	39.8	34.5
Women	971	446	256	109	161	15.3	5.9	50.5	45.9	26.5	27.7
Men, 16 years and over:											
Married, spouse present	1,785	451	500	336	497	23.4	13.3	26.0	25.3	51.3	46.7
Widowed, divorced, or separated	652	199	156	105	192	25.0	12.1	27.8	30.5	51.1	45.6
Single (never married)	2,883	1,376	637	276	393	13.9	4.4	49.1	51.3	28.6	24.9
Women, 16 years and over:											
Married, spouse present	1,448	563	401	187	297	17.7	7.6	36.3	38.9	35.8	33.5
Widowed, divorced, or separated	892	320	237	131	205	19.0	8.9	38.3	35.9	36.9	37.7
Single (never married)	1,792	1,025	437	143	186	11.0	3.9	58.0	57.2	19.8	18.4

¹ Data not shown where base is less than 75,000.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-18. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								June 1992	June 1993	June 1992	June 1993
	June 1993										
OCCUPATION											
Managerial and professional specialty	958	304	246	138	271	22.1	10.3	28.9	31.7	45.9	42.7
Technical, sales, and administrative support	2,264	844	652	321	446	17.6	8.0	37.5	37.3	39.2	33.9
Service occupations	1,404	691	378	134	201	14.2	4.8	45.4	49.2	26.0	23.9
Precision production, craft, and repair	1,149	367	293	200	289	21.0	11.5	31.6	31.9	48.7	42.6
Operators, fabricators, and laborers	1,817	666	443	289	420	20.0	9.0	34.7	36.7	40.8	39.0
Farming, forestry, and fishing	252	155	56	10	30	12.1	3.7	57.4	61.5	21.6	15.9
INDUSTRY¹											
Agriculture	192	120	37	8	27	13.1	3.6	50.5	62.5	26.1	18.2
Construction	830	309	196	129	197	18.8	9.3	34.9	37.2	46.2	39.3
Manufacturing	1,473	412	352	275	433	23.8	13.6	29.0	28.0	46.3	48.1
Durable goods	857	213	220	155	269	25.2	14.3	27.0	24.9	48.7	49.5
Nondurable goods	616	200	132	120	164	21.9	12.2	31.7	32.5	43.1	46.1
Transportation and public utilities	351	136	101	52	62	17.1	7.9	29.8	38.7	49.0	32.5
Wholesale and retail trade	2,049	841	566	254	389	17.4	7.0	41.5	41.0	33.7	31.3
Finance and service industries	2,533	1,072	711	320	433	16.0	6.9	39.4	42.3	34.6	29.6
Public administration	181	51	38	33	60	25.5	15.2	28.1	28.2	44.9	51.4
No previous work experience	1,364	902	288	71	103	9.1	3.4	68.3	66.1	12.9	12.8

¹ Includes wage and salary workers only.

A-19. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	June 1993								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	9,252	8,071	20.5	8.9	73.5	40.8	23.5	4.9	1.72
16 to 19 years	1,806	1,699	10.3	3.3	79.7	26.4	20.3	3.5	1.43
20 to 24 years	1,534	1,410	19.6	8.2	76.5	41.3	22.2	4.0	1.72
25 to 34 years	2,372	2,025	24.5	11.1	73.4	46.1	22.7	3.8	1.82
35 to 44 years	1,788	1,479	26.4	11.0	70.9	45.4	27.7	5.7	1.87
45 to 54 years	1,118	933	23.9	12.6	69.8	43.6	26.0	7.9	1.84
55 to 64 years	520	427	20.5	9.9	60.7	47.6	27.1	8.5	1.74
65 years and over	114	97	10.5	3.0	53.7	47.4	12.2	11.8	1.39
Men, 16 years and over	5,120	4,372	20.6	9.5	75.1	39.9	25.6	5.0	1.76
16 to 19 years	1,005	941	10.3	3.0	80.0	24.2	20.1	2.2	1.40
20 to 24 years	832	767	20.9	8.8	77.5	43.9	21.6	3.8	1.77
25 to 34 years	1,333	1,079	24.2	12.0	74.7	45.4	26.0	4.7	1.87
35 to 44 years	990	788	25.8	12.6	73.9	45.2	30.0	6.3	1.94
45 to 54 years	598	485	25.6	14.1	72.1	37.3	34.8	7.7	1.91
55 to 64 years	302	256	17.5	7.9	63.6	49.7	27.2	10.6	1.76
65 years and over	60	55	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	4,132	3,699	20.5	8.3	71.5	41.9	21.1	4.9	1.68
16 to 19 years	801	758	10.2	3.7	79.4	29.2	20.5	5.1	1.48
20 to 24 years	702	643	18.0	7.4	75.2	38.3	22.9	4.3	1.66
25 to 34 years	1,039	946	24.8	10.1	71.9	46.9	19.1	2.6	1.75
35 to 44 years	798	692	27.2	9.1	67.4	45.6	25.1	5.0	1.79
45 to 54 years	520	448	22.1	10.9	67.3	50.5	16.5	8.1	1.75
55 to 64 years	218	171	24.9	12.8	56.3	44.6	26.9	5.3	1.71
65 years and over	54	42	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,819	5,815	19.6	9.4	74.1	43.3	23.8	5.0	1.75
Men	3,809	3,165	20.2	9.7	75.6	42.4	26.1	5.1	1.79
Women	3,009	2,651	18.8	9.1	72.3	44.3	21.0	5.0	1.70
Black, 16 years and over	2,042	1,895	23.5	7.3	72.5	33.8	21.1	4.3	1.63
Men	1,070	991	22.5	8.1	74.8	31.8	21.0	4.7	1.63
Women	971	904	24.6	6.6	70.0	36.0	21.2	3.9	1.62

¹ Data not shown where base is less than 75,000.

NOTE: The jobseeker total is less than the total unemployed because it does not include persons on layoff or waiting to begin a new job within

30 days, groups for whom jobseeking information is not collected. The percent using each method will always total more than 100 because many jobseekers use more than one method.

A-20. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	June 1993								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	9,252	8,071	20.5	8.9	73.5	40.8	23.5	4.9	1.72
Job losers ¹	4,559	3,524	27.3	12.2	73.6	48.9	28.3	4.4	1.95
Job leavers	924	897	22.1	9.4	69.8	38.8	20.6	3.7	1.64
Reentrants	2,463	2,372	16.3	7.5	71.7	37.8	18.7	7.3	1.59
New entrants	1,307	1,279	8.6	2.2	78.8	25.4	21.3	2.6	1.39
Men, 16 years and over	5,120	4,372	20.6	9.5	75.1	39.9	25.6	5.0	1.76
Job losers ¹	2,874	2,202	28.1	13.0	74.4	47.1	29.9	5.2	1.98
Job leavers	505	488	20.4	8.9	72.4	36.9	25.1	3.1	1.67
Reentrants	1,078	1,035	12.3	7.4	75.2	35.3	20.3	7.6	1.58
New entrants	664	648	8.4	1.3	79.6	24.7	19.6	1.5	1.35
Women, 16 years and over	4,132	3,699	20.5	8.3	71.5	41.9	21.1	4.9	1.68
Job losers ¹	1,685	1,322	26.1	11.0	72.4	52.0	25.6	3.2	1.90
Job leavers	419	409	24.3	10.0	66.7	41.1	15.2	4.4	1.62
Reentrants	1,385	1,337	19.3	7.6	69.1	39.7	17.4	7.1	1.60
New entrants	643	631	8.9	3.0	78.1	26.1	23.1	3.8	1.43

¹ Data on the number of jobseekers and the jobsearch methods used exclude persons on layoff.

NOTE: The jobseeker total is less than the total unemployed because it does not include persons on layoff or waiting to begin a new job within

30 days, groups for whom jobseeking information is not collected. The percent using each method will always total more than 100 because many jobseekers use more than one method.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-21. Employed civilians in agriculture and nonagricultural industries by age and sex

(In thousands)

Industry and age	Total		Men		Women	
	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993
All industries	118,907	120,586	64,835	65,731	54,072	54,855
16 to 19 years	5,992	6,206	3,137	3,245	2,855	2,961
16 to 17 years	2,331	2,381	1,240	1,290	1,091	1,091
18 to 19 years	3,661	3,825	1,898	1,956	1,764	1,869
20 to 24 years	12,584	12,651	6,654	6,635	5,930	6,016
25 to 54 years	85,583	86,884	46,646	47,473	38,938	39,411
25 to 34 years	32,591	32,145	18,012	17,866	14,579	14,279
35 to 44 years	31,673	32,451	17,184	17,618	14,489	14,833
45 to 54 years	21,319	22,288	11,450	11,990	9,870	10,298
55 to 64 years	11,321	11,430	6,357	6,386	4,964	5,043
55 to 59 years	6,788	6,947	3,769	3,895	3,019	3,052
60 to 64 years	4,533	4,483	2,588	2,491	1,945	1,992
65 years and over	3,426	3,416	2,041	1,991	1,385	1,425
Agriculture	3,698	3,460	2,868	2,718	830	743
16 to 19 years	330	342	269	285	61	57
16 to 17 years	173	167	153	148	20	19
18 to 19 years	157	176	116	137	41	39
20 to 24 years	372	388	309	315	64	72
25 to 54 years	2,254	2,051	1,679	1,542	575	509
25 to 34 years	886	760	685	579	201	182
35 to 44 years	829	797	607	598	223	199
45 to 54 years	539	494	388	365	151	128
55 to 64 years	446	403	350	329	96	75
55 to 59 years	230	244	176	198	55	46
60 to 64 years	215	159	174	131	41	29
65 years and over	296	276	262	247	35	29
Nonagricultural industries	115,209	117,126	61,967	63,013	53,241	54,113
16 to 19 years	5,662	5,864	2,868	2,960	2,794	2,903
16 to 17 years	2,158	2,214	1,087	1,141	1,071	1,073
18 to 19 years	3,505	3,649	1,781	1,819	1,723	1,831
20 to 24 years	12,212	12,263	6,345	6,320	5,867	5,944
25 to 54 years	83,329	84,833	44,967	45,932	38,362	38,902
25 to 34 years	31,705	31,385	17,327	17,287	14,378	14,098
35 to 44 years	30,844	31,654	16,578	17,020	14,266	14,634
45 to 54 years	20,780	21,794	11,062	11,625	9,718	10,170
55 to 64 years	10,875	11,027	6,008	6,058	4,868	4,969
55 to 59 years	6,558	6,703	3,594	3,697	2,964	3,006
60 to 64 years	4,317	4,323	2,414	2,361	1,903	1,963
65 years and over	3,130	3,139	1,780	1,744	1,351	1,395

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-22. Employed civilians 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 1992	June 1993	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993
Total	118,907	120,586	64,835	65,731	61,698	62,486	54,072	54,855	51,217	51,894
Managerial and professional specialty	30,747	31,878	16,270	16,600	16,169	16,515	14,477	15,278	14,373	15,163
Executive, administrative, and managerial	14,826	15,405	8,656	8,830	8,625	8,805	6,170	6,575	6,125	6,548
Officials and administrators, public administration	616	652	357	362	357	362	259	289	259	289
Other executive, administrative, and managerial	10,264	10,557	6,452	6,534	6,429	6,515	3,812	4,023	3,778	3,999
Management-related occupations	3,946	4,195	1,847	1,933	1,839	1,928	2,099	2,263	2,088	2,260
Professional specialty	15,922	16,473	7,614	7,771	7,544	7,710	8,307	8,703	8,248	8,615
Engineers	1,826	1,742	1,675	1,578	1,674	1,579	152	164	150	164
Mathematical and computer scientists	806	1,040	488	664	488	664	317	376	318	376
Natural scientists	430	564	314	385	313	385	116	178	116	177
Health diagnosing occupations	885	929	725	726	725	725	160	202	160	203
Health assessment and treating occupations	2,468	2,529	319	356	317	354	2,149	2,172	2,147	2,169
Teachers, college and university	658	670	412	401	412	400	246	269	245	267
Teachers, except college and university	3,926	4,098	994	1,034	974	1,023	2,932	3,064	2,911	3,028
Lawyers and judges	806	830	650	627	650	627	156	202	156	202
Other professional specialty occupations	4,115	4,073	2,036	1,999	1,990	1,953	2,079	2,075	2,045	2,029
Technical, sales, and administrative support	37,170	37,172	13,525	13,635	12,895	13,058	23,646	23,537	22,194	22,117
Technicians and related support	4,371	4,172	2,278	2,097	2,255	2,078	2,094	2,075	2,061	2,043
Health technologists and technicians	1,528	1,520	284	266	277	263	1,244	1,253	1,231	1,232
Engineering and science technicians	1,171	1,154	931	891	921	885	240	263	233	257
Technicians, except health, engineering, and science	1,673	1,499	1,063	939	1,057	930	610	559	597	554
Sales occupations	14,183	14,542	7,440	7,669	7,036	7,290	6,743	6,873	5,845	6,005
Supervisors and proprietors	3,958	4,205	2,644	2,704	2,626	2,688	1,314	1,501	1,295	1,479
Sales representatives, finance and business services	2,351	2,311	1,406	1,400	1,396	1,398	945	911	940	896
Sales representatives, commodities, except retail	1,519	1,541	1,170	1,236	1,166	1,226	349	305	348	297
Sales workers, retail and personal services	6,269	6,392	2,185	2,297	1,813	1,946	4,084	4,095	3,212	3,273
Sales-related occupations	86	93	35	32	35	32	51	61	49	60
Administrative support, including clerical	18,615	18,458	3,807	3,870	3,603	3,690	14,809	14,589	14,288	14,068
Supervisors	691	748	303	285	302	285	388	463	388	462
Computer equipment operators	673	656	215	248	207	238	458	408	437	403
Secretaries, stenographers, and typists	4,439	4,278	63	74	63	68	4,376	4,204	4,266	4,090
Financial records processing	2,362	2,309	251	228	245	222	2,111	2,081	2,071	2,059
Mail and message distributing	895	973	562	603	540	586	333	369	323	347
Other administrative support, including clerical	9,556	9,494	2,414	2,430	2,246	2,292	7,142	7,064	6,802	6,708
Service occupations	16,319	16,813	6,515	6,619	5,650	5,644	9,804	10,195	8,798	9,018
Private household	993	941	51	56	32	40	942	885	791	723
Protective service	2,112	2,141	1,702	1,713	1,640	1,653	410	428	350	356
Service, except private household and protective	13,214	13,731	4,762	4,850	3,978	3,951	8,452	8,882	7,657	7,939
Food service	5,517	5,830	2,245	2,341	1,666	1,669	3,272	3,489	2,735	2,830
Health service	2,136	2,301	230	283	210	258	1,906	2,019	1,857	1,947
Cleaning and building service	2,981	2,987	1,803	1,707	1,669	1,577	1,178	1,281	1,138	1,220
Personal service	2,581	2,612	485	519	433	446	2,096	2,093	1,928	1,942
Precision production, craft, and repair	13,299	13,698	12,176	12,563	11,946	12,297	1,123	1,135	1,089	1,104
Mechanics and repairers	4,538	4,483	4,385	4,331	4,304	4,227	153	152	150	151
Construction trades	5,017	5,319	4,915	5,220	4,818	5,096	102	98	89	95
Other precision production, craft, and repair	3,745	3,897	2,877	3,012	2,824	2,974	868	885	849	859
Operators, fabricators, and laborers	17,311	17,118	12,997	13,020	12,058	12,089	4,314	4,099	4,116	3,947
Machine operators, assemblers, and inspectors	7,732	7,317	4,671	4,498	4,510	4,328	3,061	2,819	2,991	2,768
Manufacturing industries	6,334	5,885	3,770	3,588	3,656	3,469	2,564	2,298	2,520	2,258
Durable goods	3,424	3,229	2,413	2,287	2,342	2,218	1,011	943	1,000	931
Nondurable goods	2,910	2,656	1,357	1,301	1,314	1,251	1,553	1,355	1,520	1,327
Nonmanufacturing industries	1,398	1,432	901	911	853	859	497	521	470	510
Transportation and material moving occupations	4,892	5,061	4,475	4,611	4,373	4,511	417	449	407	442
Motor vehicle operators	3,727	3,846	3,375	3,456	3,286	3,376	353	389	344	382
Other transportation and material moving occupations	1,165	1,215	1,100	1,155	1,087	1,136	65	60	63	60
Handlers, equipment cleaners, helpers, and laborers	4,687	4,740	3,852	3,910	3,176	3,249	836	830	719	737
Construction laborers	672	714	652	681	582	596	20	33	14	28
Other handlers, equipment cleaners, helpers, and laborers	4,015	4,026	3,200	3,230	2,594	2,653	815	797	704	709
Farming, forestry, and fishing	4,060	3,906	3,351	3,294	2,979	2,883	708	612	648	546
Farm operators and managers	1,335	1,225	1,104	1,046	1,095	1,031	231	179	231	179
Other farming, forestry, and fishing occupations	2,724	2,680	2,248	2,248	1,885	1,852	477	433	418	367

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-23. Employed civilians by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Men		Women	
	June 1992	June 1993	June 1992	June 1993	June 1992	June 1993
TOTAL						
Total, 16 years and over (thousands)	118,907	120,586	64,835	65,731	54,072	54,855
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	25.9	26.4	25.1	25.3	26.8	27.9
Executive, administrative, and managerial	12.5	12.8	13.4	13.4	11.4	12.0
Professional specialty	13.4	13.7	11.7	11.8	15.4	15.9
Technical, sales, and administrative support	31.3	30.8	20.9	20.7	43.7	42.9
Technicians and related support	3.7	3.5	3.5	3.2	3.9	3.8
Sales occupations	11.9	12.1	11.5	11.7	12.5	12.5
Administrative support, including clerical	15.7	15.3	5.9	5.9	27.4	26.6
Service occupations	13.7	13.9	10.0	10.1	18.1	18.6
Private household .....	.8	.8	.1	.1	1.7	1.6
Protective service	1.8	1.8	2.6	2.6	.8	.8
Service, except private household and protective	11.1	11.4	7.3	7.4	15.6	16.2
Precision production, craft, and repair	11.2	11.4	18.8	19.1	2.1	2.1
Operators, fabricators, and laborers	14.6	14.2	20.0	19.8	8.0	7.5
Machine operators, assemblers, and inspectors	6.5	6.1	7.2	6.8	5.7	5.1
Transportation and material moving occupations	4.1	4.2	6.9	7.0	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.9	3.9	5.9	5.9	1.5	1.5
Farming, forestry, and fishing	3.4	3.2	5.2	5.0	1.3	1.1
White						
Total, 16 years and over (thousands)	102,616	104,063	56,608	57,365	46,008	46,698
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	26.8	27.4	26.0	26.3	27.8	28.7
Executive, administrative, and managerial	13.1	13.4	14.0	14.1	12.0	12.4
Professional specialty	13.7	14.0	12.0	12.2	15.9	16.3
Technical, sales, and administrative support	31.7	31.1	21.2	20.8	44.5	43.7
Technicians and related support	3.7	3.4	3.5	3.1	3.9	3.8
Sales occupations	12.5	12.6	12.1	12.3	13.0	13.0
Administrative support, including clerical	15.5	15.1	5.6	5.4	27.7	26.9
Service occupations	12.5	12.8	8.9	9.0	16.9	17.4
Private household .....	.8	.7	.1	.1	1.6	1.5
Protective service	1.6	1.7	2.4	2.4	.7	.7
Service, except private household and protective	10.1	10.4	6.4	6.5	14.6	15.2
Precision production, craft, and repair	11.7	11.8	19.5	19.8	2.1	2.0
Operators, fabricators, and laborers	13.7	13.5	18.9	18.9	7.2	6.9
Machine operators, assemblers, and inspectors	6.0	5.7	6.9	6.7	5.0	4.6
Transportation and material moving occupations	3.9	4.1	6.5	6.7	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.7	3.7	5.5	5.5	1.5	1.5
Farming, forestry, and fishing	3.7	3.4	5.5	5.2	1.5	1.2
Black						
Total, 16 years and over (thousands)	12,056	12,150	5,937	6,004	6,119	6,146
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	17.0	17.9	14.8	14.4	19.1	21.4
Executive, administrative, and managerial	7.5	8.1	7.7	7.5	7.3	8.6
Professional specialty	9.5	9.9	7.1	6.9	11.8	12.8
Technical, sales, and administrative support	28.0	27.9	16.9	18.4	38.7	37.1
Technicians and related support	3.2	3.1	2.6	2.8	3.8	3.4
Sales occupations	7.3	7.5	5.9	6.4	8.6	8.6
Administrative support, including clerical	17.5	17.2	8.4	9.1	26.3	25.2
Service occupations	23.1	23.4	18.6	19.2	27.4	27.4
Private household	1.5	1.3	.1	.1	2.8	2.5
Protective service	3.0	3.0	4.6	4.7	1.6	1.3
Service, except private household and protective	18.6	19.1	13.9	14.3	23.1	23.7
Precision production, craft, and repair	8.0	8.3	14.5	14.4	1.6	2.3
Operators, fabricators, and laborers	22.4	20.5	32.5	29.7	12.6	11.5
Machine operators, assemblers, and inspectors	9.8	8.7	10.0	8.7	9.5	8.7
Transportation and material moving occupations	6.2	5.9	11.7	10.8	1.0	1.1
Handlers, equipment cleaners, helpers, and laborers	6.4	5.9	10.7	10.3	2.1	1.6
Farming, forestry, and fishing	1.6	2.0	2.8	3.9	.5	.3

A-24. Employed civilians by age, sex, and class of worker

(In thousands)

Age and sex	June 1993								
	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self-employed workers	Unpaid family workers	Wage and salary workers	Self-employed workers	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	107,773	1,184	18,202	88,387	9,201	151	1,876	1,446	138
16 to 19 years	5,808	244	330	5,234	43	12	255	51	36
16 to 17 years	2,184	132	129	1,922	22	8	120	26	21
18 to 19 years	3,624	111	201	3,312	21	4	136	25	15
20 to 24 years	12,004	130	1,014	10,860	245	14	320	55	13
25 to 34 years	29,516	223	4,067	25,226	1,851	18	503	247	11
35 to 44 years	28,748	179	5,807	22,762	2,870	36	419	343	34
45 to 54 years	19,577	167	4,616	14,794	2,188	30	199	274	21
55 to 64 years	9,634	161	1,958	7,514	1,365	28	129	259	16
55 to 59 years	5,920	78	1,213	4,628	767	16	82	149	13
60 to 64 years	3,714	83	745	2,886	598	12	46	110	3
65 years and over	2,487	80	409	1,998	639	13	51	218	7
Men, 16 years and over	56,886	194	8,350	48,342	6,092	35	1,446	1,229	43
16 to 19 years	2,929	68	155	2,707	20	11	215	45	26
16 to 17 years	1,124	44	70	1,010	9	8	110	26	12
18 to 19 years	1,805	24	85	1,697	11	3	105	18	14
20 to 24 years	6,149	30	492	5,626	162	9	256	53	6
25 to 34 years	16,111	46	2,009	14,056	1,175	1	373	204	2
35 to 44 years	15,097	10	2,500	12,587	1,920	2	313	283	2
45 to 54 years	10,201	22	2,099	8,080	1,422	2	143	221	1
55 to 64 years	5,124	10	921	4,193	929	5	100	226	2
55 to 59 years	3,184	-	572	2,612	512	1	64	131	3
60 to 64 years	1,940	11	349	1,581	416	4	36	95	-
65 years and over	1,275	7	174	1,093	464	6	45	198	4
Women, 16 years and over	50,887	990	9,852	40,045	3,110	116	430	217	95
16 to 19 years	2,879	176	175	2,527	23	2	40	7	10
16 to 17 years	1,060	89	59	912	13	1	10	-	9
18 to 19 years	1,819	88	116	1,615	10	1	31	7	1
20 to 24 years	5,856	100	522	5,233	83	5	64	2	7
25 to 34 years	13,404	177	2,058	11,170	676	17	130	43	8
35 to 44 years	13,651	169	3,307	10,175	950	34	106	60	33
45 to 54 years	9,376	145	2,518	6,713	766	28	56	53	19
55 to 64 years	4,509	150	1,037	3,321	437	23	28	33	14
55 to 59 years	2,736	78	641	2,016	255	15	18	18	10
60 to 64 years	1,773	72	396	1,305	181	8	10	15	4
65 years and over	1,212	73	235	905	175	7	6	20	4

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	June 1993												
	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	3,460	98	100	53	12	135	-	7	74	3	58	17	2,901
Mining	691	100	84	19	8	68	-	6	218	28	121	39	-
Construction	7,617	946	128	54	86	360	-	39	4,528	89	549	780	57
Manufacturing	19,662	2,461	1,701	753	748	2,242	-	261	3,747	5,885	725	1,037	102
Durable goods	11,296	1,410	1,072	515	260	1,228	-	151	2,511	3,229	367	464	89
Nondurable goods	8,366	1,051	629	239	487	1,014	-	111	1,236	2,656	358	572	13
Transportation and public utilities	8,639	976	476	347	208	2,367	-	265	1,296	151	2,056	468	28
Wholesale and retail trade	25,031	2,223	433	192	10,522	2,257	-	4,823	1,382	298	986	1,844	70
Wholesale trade	4,672	558	96	52	1,849	760	-	34	302	128	458	389	45
Retail trade	20,359	1,665	337	141	8,673	1,497	-	4,789	1,080	170	528	1,455	25
Finance, insurance, and real estate	8,158	2,173	243	141	1,968	2,995	-	282	181	29	16	21	107
Services	41,553	5,152	12,421	2,326	961	6,578	941	8,753	2,034	806	491	502	588
Private households	1,191	6	-	4	2	11	941	92	21	-	-	18	97
Other service industries	40,363	5,146	12,421	2,322	959	6,568	-	8,661	2,013	806	491	484	491
Professional services	27,583	3,222	11,006	2,003	149	4,973	-	5,118	416	217	244	123	111
Public administration	5,775	1,275	887	286	28	1,456	-	1,435	237	27	59	33	52

¹ Includes protective service, not shown separately.

A-26. Employed civilians with a job but not at work by reason, sex, and pay status

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	June 1992	June 1993	Total		Wage and salary workers ¹			
			June 1992	June 1993	Paid absences		Unpaid absences	
					June 1992	June 1993	June 1992	June 1993
Total, 16 years and over	7,584	6,953	7,421	6,858	4,169	3,740	2,605	2,478
Vacation	4,934	4,497	4,887	4,455	3,259	2,929	1,322	1,196
Illness	1,210	1,168	1,172	1,144	519	459	567	586
Bad weather	127	29	82	23	(²)	(²)	(²)	(²)
Industrial dispute	20	19	20	19	(²)	(²)	(²)	(²)
All other reasons	1,295	1,239	1,261	1,217	391	352	715	696
Men, 16 years and over	3,245	2,928	3,105	2,860	1,827	1,648	904	868
Vacation	2,028	1,865	1,986	1,834	1,467	1,329	364	341
Illness	587	565	557	545	233	211	274	287
All other reasons ³	630	499	561	481	126	108	266	240
Women, 16 years and over	4,340	4,025	4,316	3,998	2,343	2,093	1,700	1,610
Vacation	2,906	2,633	2,901	2,621	1,792	1,600	960	855
Illness	623	603	615	598	286	249	293	299
All other reasons ³	810	789	800	778	265	244	448	456

¹ Excludes private household workers.

² Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

³ Includes bad weather and industrial dispute, not shown separately.
NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-27. Persons at work by hours of work and type of industry

Hours of work	June 1993					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	113,633	3,365	110,268	100.0	100.0	100.0
1 to 34 hours	26,719	882	25,837	23.5	26.2	23.4
1 to 4 hours	706	34	673	.6	1.0	.6
5 to 14 hours	4,184	170	4,014	3.7	5.1	3.6
15 to 29 hours	13,439	470	12,970	11.8	14.0	11.8
30 to 34 hours	8,389	209	8,180	7.4	6.2	7.4
35 hours and over	86,914	2,483	84,431	76.5	73.8	76.6
35 to 39 hours	7,838	192	7,645	6.9	5.7	6.9
40 hours	44,483	706	43,777	39.1	21.0	39.7
41 hours and over	34,593	1,584	33,009	30.4	47.1	29.9
41 to 48 hours	11,198	198	11,000	9.9	5.9	10.0
49 to 59 hours	13,097	464	12,634	11.5	13.8	11.5
60 hours and over	10,297	922	9,375	9.1	27.4	8.5
Average hours, total at work	39.8	45.7	39.6	-	-	-
Average hours, workers on full-time schedules	44.0	52.8	43.7	-	-	-

A-28. Persons at work 1 to 34 hours by reason for working less than 35 hours, type of industry, and usual status

(Numbers in thousands)

Reason for working less than 35 hours	June 1993					
	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	26,719	8,008	18,711	25,837	7,771	18,066
Economic reasons	6,828	2,073	4,754	6,584	2,005	4,579
Slack work	3,294	1,683	1,611	3,151	1,619	1,532
Material shortages or repairs to plant and equipment	36	36	-	36	36	-
New job started during week	254	254	-	252	252	-
Job terminated during week	100	100	-	98	98	-
Could find only part-time work	3,143	-	3,143	3,047	-	3,047
Other reasons	19,891	5,934	13,957	19,253	5,766	13,487
Does not want, or unavailable for, full-time work	11,156	-	11,156	10,788	-	10,788
Vacation	2,392	2,392	-	2,366	2,366	-
Illness	1,365	1,162	203	1,331	1,146	185
Bad weather	325	325	-	235	235	-
Industrial dispute	3	3	-	3	3	-
Legal or religious holiday	217	217	-	217	217	-
Full time for this job	1,736	-	1,736	1,702	-	1,702
All other reasons	2,697	1,834	863	2,610	1,798	812
Average hours:						
Economic reasons	22.1	24.5	21.1	22.3	24.6	21.2
Other reasons	21.9	25.5	20.3	21.9	25.6	20.4
Worked 30 to 34 hours:						
Economic reasons	2,134	949	1,185	2,089	929	1,160
Other reasons	6,255	3,064	3,191	6,090	3,000	3,090

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-29. Persons at work in nonagricultural industries by class of worker and full- or part-time status

(Numbers in thousands)

Industry	June 1993								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	110,268	6,584	13,487	90,197	57,188	11,000	22,009	39.6	43.7
Wage and salary workers	101,490	5,814	11,929	83,747	54,355	10,446	18,946	39.5	43.3
Mining	629	16	12	600	306	65	229	46.8	47.8
Construction	5,728	433	264	5,032	3,233	519	1,280	41.1	43.8
Manufacturing	18,410	519	533	17,359	10,755	2,853	3,751	42.5	43.7
Durable goods	10,644	215	224	10,206	6,189	1,726	2,291	42.9	43.8
Nondurable goods	7,766	303	309	7,153	4,566	1,127	1,460	41.8	43.5
Transportation and public utilities	7,724	235	393	7,097	4,291	861	1,944	43.0	44.9
Wholesale and retail trade	22,032	2,099	4,350	15,583	9,299	2,144	4,141	37.5	44.1
Finance, insurance, and real estate	7,108	166	600	6,342	4,253	764	1,326	40.3	42.5
Service industries	34,374	2,248	5,548	26,578	18,432	2,682	5,465	37.5	42.5
Private households	1,133	295	425	413	258	45	110	26.8	45.3
All other industries	33,241	1,953	5,123	26,165	18,173	2,637	5,355	37.9	42.5
Public administration	5,484	98	230	5,156	3,788	559	810	41.0	42.3
Self-employed workers	8,627	759	1,493	6,375	2,783	552	3,039	41.0	48.8
Unpaid family workers	151	10	65	76	50	2	24	33.4	43.6

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-30. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	June 1993							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Total, 16 years and over	110,268	6,584	13,487	90,197	57,188	33,009	39.6	43.7
16 to 19 years	5,640	920	2,642	2,078	1,621	457	26.5	40.0
16 to 17 years	2,130	362	1,383	385	322	63	21.0	38.3
18 to 19 years	3,510	558	1,259	1,693	1,299	394	29.8	40.4
20 years and over	104,628	5,664	10,845	88,120	55,568	32,552	40.3	43.8
20 to 24 years	11,779	1,149	1,840	8,791	6,254	2,537	37.2	42.2
25 years and over	92,849	4,515	9,005	79,329	49,314	30,015	40.7	44.0
25 to 44 years	59,488	2,973	4,701	51,814	31,849	19,965	41.2	44.1
45 to 64 years	30,499	1,385	2,930	26,184	16,521	9,663	40.7	44.0
65 years and over	2,862	156	1,374	1,332	945	387	29.6	42.6
Men, 16 years and over	60,153	3,123	3,979	53,051	29,864	23,187	42.5	45.3
16 to 19 years	2,872	424	1,271	1,177	906	271	27.6	40.3
16 to 17 years	1,123	173	708	242	209	33	21.7	37.9
18 to 19 years	1,749	251	563	935	697	239	31.4	40.9
20 years and over	57,282	2,699	2,709	51,874	28,958	22,916	43.2	45.4
20 to 24 years	6,108	547	658	4,903	3,171	1,732	39.3	43.5
25 years and over	51,173	2,152	2,050	46,971	25,788	21,183	43.7	45.6
25 to 44 years	32,884	1,490	779	30,615	16,531	14,084	44.2	45.8
45 to 64 years	16,679	582	595	15,502	8,686	6,816	43.8	45.5
65 years and over	1,611	80	677	854	570	284	31.7	43.3
Women, 16 years and over	50,114	3,461	9,508	37,146	27,324	9,822	36.1	41.4
16 to 19 years	2,768	496	1,372	900	715	186	25.3	39.6
16 to 17 years	1,007	189	676	143	112	30	20.3	39.0
18 to 19 years	1,761	307	696	758	603	155	28.2	39.8
20 years and over	47,346	2,965	8,136	36,246	26,609	9,636	36.8	41.5
20 to 24 years	5,671	602	1,182	3,887	3,083	805	34.9	40.4
25 years and over	41,675	2,363	6,954	32,358	23,526	8,832	37.0	41.6
25 to 44 years	26,605	1,484	3,921	21,200	15,319	5,881	37.5	41.6
45 to 64 years	13,819	803	2,337	10,679	7,831	2,848	37.0	41.7
65 years and over	1,251	76	697	478	375	103	27.0	41.3
RACE								
White, 16 years and over	94,828	5,434	12,078	77,316	47,466	29,850	39.7	44.0
Men	52,349	2,566	3,492	46,291	25,126	21,165	42.8	45.6
Women	42,479	2,868	8,586	31,025	22,340	8,685	36.0	41.6
Black, 16 years and over	11,337	948	929	9,460	7,331	2,130	38.4	41.8
Men	5,583	469	311	4,802	3,468	1,335	40.0	43.1
Women	5,754	478	618	4,658	3,863	795	36.9	40.4
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	37,639	1,216	1,395	35,028	18,621	16,407	44.3	46.0
Widowed, divorced, or separated	6,507	366	252	5,889	3,286	2,603	43.3	45.6
Single (never married)	16,007	1,541	2,332	12,133	7,957	4,176	37.8	43.3
Women, 16 years and over:								
Married, spouse present	27,078	1,386	5,568	20,124	15,016	5,107	35.9	41.1
Widowed, divorced, or separated	10,097	732	1,271	8,094	5,684	2,410	38.0	42.2
Single (never married)	12,940	1,342	2,669	8,928	6,624	2,304	35.1	41.6

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-31. Persons at work in nonfarm occupations by sex and full- or part-time status

(Numbers in thousands)

Occupation and sex	June 1993								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over¹	109,863	6,504	13,444	89,914	56,887	10,978	22,049	39.6	43.8
Managerial and professional specialty	29,458	734	2,404	26,321	14,615	3,231	8,475	42.4	45.0
Executive, administrative, and managerial	14,718	254	689	13,775	6,877	1,762	5,136	44.7	46.3
Professional specialty	14,740	480	1,714	12,546	7,737	1,469	3,339	40.1	43.6
Technical, sales, and administrative support	35,289	1,732	5,569	27,988	19,073	3,231	5,684	38.3	42.8
Technicians and related support	3,964	106	416	3,443	2,447	417	578	39.5	42.1
Sales occupations	13,882	852	2,491	10,439	5,583	1,231	3,625	39.5	45.7
Administrative support, including clerical	17,443	674	2,662	14,106	11,043	1,582	1,481	37.0	40.8
Service occupations	15,793	2,100	3,854	9,839	7,153	927	1,759	34.2	42.3
Private household	893	213	345	335	211	38	87	27.3	44.9
Protective service	2,013	86	167	1,759	1,091	239	429	41.2	44.4
Service, except private household and protective	12,887	1,800	3,342	7,745	5,852	651	1,242	33.6	41.8
Precision production, craft, and repair	13,062	804	463	11,795	7,167	1,641	2,988	42.1	44.3
Operators, fabricators, and laborers	16,261	1,135	1,155	13,970	8,879	1,949	3,143	40.8	43.9
Machine operators, assemblers, and inspectors	6,985	396	242	6,347	4,369	948	1,030	40.9	42.6
Transportation and material moving occupations	4,753	224	275	4,253	2,124	569	1,560	44.4	47.1
Handlers, equipment cleaners, helpers, and laborers	4,523	515	638	3,370	2,386	431	553	36.9	42.3
Men, 16 years and over¹	59,618	3,038	3,904	52,676	29,514	6,788	16,373	42.6	45.4
Managerial and professional specialty	15,750	347	617	14,785	7,012	1,778	5,995	45.5	47.1
Executive, administrative, and managerial	8,504	146	217	8,141	3,424	985	3,732	47.0	48.2
Professional specialty	7,246	201	400	6,645	3,589	793	2,263	43.7	45.8
Technical, sales, and administrative support	13,096	443	1,154	11,500	6,236	1,477	3,787	42.5	45.6
Technicians and related support	1,998	42	84	1,872	1,205	235	432	42.1	43.5
Sales occupations	7,436	258	706	6,473	2,897	792	2,785	44.0	47.5
Administrative support, including clerical	3,662	143	364	3,155	2,134	450	571	39.9	42.8
Service occupations	6,323	723	1,018	4,583	3,157	502	924	37.0	43.2
Private household	54	13	17	24	20	-	5	(²)	(²)
Protective service	1,609	64	79	1,467	874	202	390	42.9	45.1
Service, except private household and protective	4,660	646	922	3,092	2,263	300	529	35.1	42.3
Precision production, craft, and repair	11,992	733	341	10,919	6,548	1,508	2,864	42.5	44.5
Operators, fabricators, and laborers	12,457	793	775	10,889	6,561	1,525	2,803	41.8	44.7
Machine operators, assemblers, and inspectors	4,344	195	100	4,049	2,635	613	801	42.2	43.5
Transportation and material moving occupations	4,373	184	184	4,004	1,954	550	1,500	45.1	47.4
Handlers, equipment cleaners, helpers, and laborers	3,741	414	491	2,836	1,971	362	503	37.4	42.6
Women, 16 years and over¹	50,244	3,466	9,540	37,238	27,372	4,190	5,676	36.2	41.5
Managerial and professional specialty	13,709	386	1,786	11,536	7,602	1,453	2,480	38.9	42.4
Executive, administrative, and managerial	6,214	107	472	5,635	3,454	777	1,404	41.6	43.7
Professional specialty	7,495	279	1,314	5,901	4,149	676	1,076	36.6	41.2
Technical, sales, and administrative support	22,192	1,289	4,415	16,488	12,837	1,754	1,897	35.8	40.8
Technicians and related support	1,966	63	332	1,571	1,242	182	146	37.0	40.5
Sales occupations	6,445	694	1,785	3,966	2,686	439	840	34.4	42.6
Administrative support, including clerical	13,781	532	2,298	10,951	8,909	1,132	910	36.2	40.2
Service occupations	9,470	1,378	2,836	5,257	3,996	425	835	32.3	41.6
Private household	840	200	328	311	191	38	83	27.5	45.3
Protective service	404	23	88	293	217	37	39	34.3	40.5
Service, except private household and protective	8,227	1,155	2,420	4,653	3,589	351	713	32.7	41.4
Precision production, craft, and repair	1,070	71	122	876	619	133	124	38.1	41.9
Operators, fabricators, and laborers	3,804	342	380	3,082	2,318	424	340	37.6	41.2
Machine operators, assemblers, and inspectors	2,641	201	143	2,298	1,733	335	229	38.8	41.0
Transportation and material moving occupations	380	40	91	250	170	19	60	35.5	42.7
Handlers, equipment cleaners, helpers, and laborers	782	101	147	534	414	69	51	34.5	41.0

¹ Excludes farming, forestry, and fishing occupations.

² Data not shown where base is less than 75,000.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-32. Employment status of the noninstitutional population, including Armed forces stationed in the United States, by sex, seasonally adjusted

(Numbers in thousands)

Employment status and sex	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
TOTAL													
Noninstitutional population ¹	193,025	193,190	193,356	193,513	193,683	193,847	194,026	194,159	194,298	194,456	194,618	194,767	194,933
Labor force ¹	128,868	128,918	128,970	128,840	128,618	128,896	129,108	128,598	128,839	128,926	128,833	129,615	129,604
Percent of population ²	66.8	66.7	66.7	66.6	66.4	66.5	66.5	66.2	66.3	66.3	66.2	66.5	66.5
Total employed ¹	119,080	119,290	119,346	119,290	119,239	119,595	119,828	119,586	119,963	120,062	119,908	120,757	120,696
Employment-population ratio ³	61.7	61.7	61.7	61.6	61.6	61.7	61.8	61.6	61.7	61.7	61.6	62.0	61.9
Resident Armed Forces	1,570	1,568	1,566	1,566	1,552	1,531	1,517	1,515	1,512	1,497	1,492	1,484	1,477
Civilian employed	117,510	117,722	117,780	117,724	117,687	118,064	118,311	118,071	118,451	118,565	118,416	119,273	119,219
Agriculture	3,244	3,207	3,218	3,221	3,169	3,209	3,262	3,191	3,116	3,082	3,060	3,070	3,024
Nonagricultural industries	114,266	114,515	114,562	114,503	114,518	114,855	115,049	114,879	115,335	115,483	115,356	116,203	116,195
Unemployed	9,788	9,628	9,624	9,550	9,379	9,301	9,280	9,013	8,876	8,864	8,925	8,858	8,908
Unemployment rate ⁴	7.6	7.5	7.5	7.4	7.3	7.2	7.2	7.0	6.9	6.9	6.9	6.8	6.9
Not in labor force	64,157	64,272	64,386	64,673	65,065	64,951	64,918	65,561	65,459	65,530	65,785	65,152	65,329
Men													
Noninstitutional population ¹	92,882	92,971	93,061	93,146	93,238	93,324	93,420	93,488	93,563	93,646	93,731	93,809	93,896
Labor force ¹	70,827	70,723	70,840	70,860	70,728	70,708	70,754	70,473	70,690	70,835	70,773	71,047	71,082
Percent of population ²	76.3	76.1	76.1	76.1	75.9	75.8	75.7	75.4	75.6	75.6	75.5	75.7	75.7
Total employed ¹	65,161	65,238	65,309	65,383	65,318	65,416	65,554	65,544	65,693	65,674	65,694	66,056	66,006
Employment-population ratio ³	70.2	70.2	70.2	70.2	70.1	70.1	70.2	70.1	70.2	70.1	70.1	70.4	70.3
Resident Armed Forces	1,410	1,408	1,408	1,407	1,394	1,373	1,360	1,358	1,355	1,342	1,338	1,330	1,323
Civilian employed	63,751	63,830	63,901	63,976	63,924	64,043	64,194	64,186	64,338	64,332	64,356	64,726	64,683
Unemployed	5,666	5,485	5,531	5,477	5,410	5,292	5,200	4,929	4,997	5,160	5,079	4,992	5,075
Unemployment rate ⁴	8.0	7.8	7.8	7.7	7.6	7.5	7.3	7.0	7.1	7.3	7.2	7.0	7.1
Not in labor force	22,055	22,248	22,221	22,286	22,510	22,616	22,666	23,015	22,873	22,811	22,958	22,762	22,814
Women													
Noninstitutional population ¹	100,142	100,220	100,295	100,367	100,445	100,523	100,606	100,671	100,734	100,809	100,887	100,959	101,037
Labor force ¹	58,041	58,195	58,130	57,980	57,890	58,188	58,354	58,125	58,149	58,091	58,061	58,567	58,522
Percent of population ²	58.0	58.1	58.0	57.8	57.6	57.9	58.0	57.7	57.7	57.6	57.6	58.0	57.9
Total employed ¹	53,919	54,052	54,037	53,907	53,921	54,179	54,274	54,042	54,271	54,388	54,214	54,701	54,689
Employment-population ratio ³	53.8	53.9	53.9	53.7	53.7	53.9	53.9	53.7	53.9	54.0	53.7	54.2	54.1
Resident Armed Forces	160	160	158	159	158	158	157	157	157	155	154	154	154
Civilian employed	53,759	53,892	53,879	53,748	53,763	54,021	54,117	53,885	54,114	54,233	54,060	54,547	54,535
Unemployed	4,122	4,143	4,093	4,073	3,969	4,009	4,080	4,083	3,879	3,704	3,846	3,866	3,833
Unemployment rate ⁴	7.1	7.1	7.0	7.0	6.9	6.9	7.0	7.0	6.7	6.4	6.6	6.6	6.5
Not in labor force	42,101	42,025	42,165	42,387	42,555	42,335	42,252	42,546	42,585	42,718	42,826	42,392	42,515

¹ Includes members of the Armed Forces stationed in the United States.

² Labor force as a percent of the noninstitutional population.

³ Total employment as a percent of the noninstitutional population.

⁴ Unemployment as a percent of the labor force (including the resident

Armed Forces).

NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-32 through A-41 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-33. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted

(Numbers in thousands)

Employment status, sex, and age	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
TOTAL													
Civilian noninstitutional population ¹	191,455	191,622	191,790	191,947	192,131	192,316	192,509	192,644	192,786	192,959	193,126	193,283	193,456
Civilian labor force	127,298	127,350	127,404	127,274	127,066	127,365	127,591	127,083	127,327	127,429	127,341	128,131	128,127
Percent of population	66.5	66.5	66.4	66.3	66.1	66.2	66.3	66.0	66.0	66.0	65.9	66.3	66.2
Employed	117,510	117,722	117,780	117,724	117,687	118,064	118,311	118,071	118,451	118,565	118,416	119,273	119,219
Employment-population ratio ²	61.4	61.4	61.4	61.3	61.3	61.4	61.5	61.3	61.4	61.4	61.3	61.7	61.6
Unemployed	9,788	9,628	9,624	9,550	9,379	9,301	9,280	9,013	8,876	8,864	8,925	8,858	8,908
Unemployment rate	7.7	7.6	7.6	7.5	7.4	7.3	7.3	7.1	7.0	7.0	7.0	6.9	7.0
Men, 16 years and over													
Civilian noninstitutional population ¹	91,472	91,563	91,653	91,739	91,844	91,951	92,060	92,130	92,208	92,304	92,393	92,479	92,573
Civilian labor force	69,417	69,315	69,432	69,453	69,334	69,335	69,394	69,115	69,335	69,493	69,435	69,717	69,759
Percent of population	75.9	75.7	75.8	75.7	75.5	75.4	75.4	75.0	75.2	75.3	75.2	75.4	75.4
Employed	63,751	63,830	63,901	63,976	63,924	64,043	64,194	64,186	64,338	64,332	64,356	64,726	64,683
Employment-population ratio ²	69.7	69.7	69.7	69.7	69.6	69.6	69.7	69.7	69.8	69.7	69.7	70.0	69.9
Agriculture	2,539	2,545	2,547	2,573	2,550	2,541	2,593	2,534	2,521	2,434	2,462	2,450	2,396
Nonagricultural industries	61,212	61,285	61,354	61,403	61,374	61,502	61,601	61,651	61,817	61,899	61,893	62,276	62,288
Unemployed	5,666	5,485	5,531	5,477	5,410	5,292	5,200	4,929	4,997	5,160	5,079	4,992	5,075
Unemployment rate	8.2	7.9	8.0	7.9	7.8	7.6	7.5	7.1	7.2	7.4	7.3	7.2	7.3
Not in labor force	22,055	22,248	22,221	22,286	22,510	22,616	22,666	23,015	22,873	22,811	22,958	22,762	22,814
Men, 20 years and over													
Civilian noninstitutional population ¹	84,842	84,944	85,010	85,075	85,159	85,259	85,369	85,445	85,554	85,664	85,731	85,816	85,872
Civilian labor force	65,813	65,782	65,857	65,805	65,811	65,740	65,785	65,624	65,734	65,901	65,819	66,157	66,143
Percent of population	77.6	77.4	77.5	77.3	77.3	77.1	77.1	76.8	76.8	76.9	76.8	77.1	77.0
Employed	61,027	61,070	61,104	61,125	61,088	61,206	61,326	61,423	61,479	61,466	61,579	61,892	61,847
Employment-population ratio ²	71.9	71.9	71.9	71.8	71.7	71.8	71.8	71.9	71.9	71.8	71.8	72.1	72.0
Agriculture	2,366	2,359	2,363	2,382	2,378	2,326	2,371	2,340	2,299	2,248	2,273	2,237	2,212
Nonagricultural industries	58,661	58,711	58,741	58,743	58,710	58,880	58,955	59,083	59,180	59,218	59,305	59,655	59,636
Unemployed	4,786	4,712	4,753	4,680	4,723	4,534	4,459	4,201	4,255	4,435	4,240	4,266	4,295
Unemployment rate	7.3	7.2	7.2	7.1	7.2	6.9	6.8	6.4	6.5	6.7	6.4	6.4	6.5
Not in labor force	19,029	19,162	19,153	19,270	19,348	19,519	19,584	19,821	19,820	19,763	19,912	19,659	19,729
Women, 16 years and over													
Civilian noninstitutional population ¹	99,982	100,060	100,137	100,208	100,287	100,365	100,449	100,514	100,577	100,654	100,733	100,805	100,883
Civilian labor force	57,881	58,035	57,972	57,821	57,732	58,030	58,197	57,968	57,992	57,936	57,907	58,413	58,368
Percent of population	57.9	58.0	57.9	57.7	57.6	57.8	57.9	57.7	57.7	57.6	57.5	57.9	57.9
Employed	53,759	53,892	53,879	53,748	53,763	54,021	54,117	53,885	54,114	54,233	54,060	54,547	54,535
Employment-population ratio ²	53.8	53.9	53.8	53.6	53.6	53.8	53.9	53.6	53.8	53.9	53.7	54.1	54.1
Agriculture	705	662	671	648	619	668	669	657	596	649	598	620	628
Nonagricultural industries	53,054	53,230	53,208	53,100	53,144	53,353	53,448	53,228	53,518	53,584	53,462	53,927	53,908
Unemployed	4,122	4,143	4,093	4,073	3,969	4,009	4,080	4,083	3,879	3,704	3,846	3,866	3,833
Unemployment rate	7.1	7.1	7.1	7.0	6.9	6.9	7.0	7.0	6.7	6.4	6.6	6.6	6.6
Not in labor force	42,101	42,025	42,165	42,387	42,555	42,335	42,252	42,546	42,585	42,718	42,826	42,392	42,515
Women, 20 years and over													
Civilian noninstitutional population ¹	93,479	93,562	93,635	93,703	93,771	93,849	93,960	94,007	94,088	94,148	94,214	94,264	94,315
Civilian labor force	54,682	54,834	54,773	54,611	54,578	54,832	55,010	54,733	54,742	54,779	54,704	55,020	55,169
Percent of population	58.5	58.6	58.5	58.3	58.2	58.4	58.5	58.2	58.2	58.2	58.1	58.4	58.5
Employed	51,233	51,307	51,247	51,141	51,182	51,435	51,494	51,246	51,466	51,668	51,433	51,801	51,903
Employment-population ratio ²	54.8	54.8	54.7	54.6	54.6	54.8	54.8	54.5	54.7	54.9	54.6	55.0	55.0
Agriculture	665	617	619	594	584	616	613	608	551	618	576	594	591
Nonagricultural industries	50,568	50,690	50,628	50,547	50,598	50,819	50,881	50,638	50,915	51,050	50,856	51,207	51,312
Unemployed	3,449	3,527	3,526	3,470	3,396	3,397	3,516	3,486	3,276	3,111	3,271	3,219	3,267
Unemployment rate	6.3	6.4	6.4	6.4	6.2	6.2	6.4	6.4	6.0	5.7	6.0	5.9	5.9
Not in labor force	38,797	38,728	38,862	39,092	39,193	39,017	38,950	39,274	39,346	39,369	39,510	39,244	39,146
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,134	13,116	13,145	13,169	13,200	13,208	13,181	13,191	13,143	13,147	13,181	13,203	13,270
Civilian labor force	6,803	6,734	6,774	6,858	6,677	6,793	6,796	6,726	6,851	6,749	6,819	6,953	6,815
Percent of population	51.8	51.3	51.5	52.1	50.6	51.4	51.6	51.0	52.1	51.3	51.7	52.7	51.4
Employed	5,250	5,345	5,429	5,458	5,417	5,423	5,491	5,401	5,506	5,431	5,405	5,580	5,469
Employment-population ratio ²	40.0	40.8	41.3	41.4	41.0	41.1	41.7	40.9	41.9	41.3	41.0	42.3	41.2
Agriculture	213	231	236	245	207	267	278	243	266	216	211	239	221
Nonagricultural industries	5,037	5,114	5,193	5,213	5,210	5,156	5,213	5,158	5,240	5,215	5,194	5,341	5,248
Unemployed	1,553	1,389	1,345	1,400	1,260	1,370	1,305	1,325	1,345	1,318	1,414	1,373	1,346
Unemployment rate	22.8	20.6	19.9	20.4	18.9	20.2	19.2	19.7	19.6	19.5	20.7	19.7	19.8
Not in labor force	6,331	6,382	6,371	6,311	6,523	6,415	6,385	6,465	6,292	6,398	6,362	6,250	6,455

¹ The population figures are not adjusted for seasonal variation.

² Civilian employment as a percent of the civilian noninstitutional population.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-34. 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	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
WHITE													
Civilian noninstitutional population ¹	162,575	162,682	162,791	162,891	163,013	163,132	163,259	163,343	163,429	163,543	163,649	163,748	163,857
Civilian labor force	108,671	108,783	108,707	108,606	108,483	108,723	108,946	108,729	108,754	108,998	108,589	109,277	109,484
Percent of population	66.8	66.9	66.8	66.7	66.5	66.6	66.7	66.6	66.5	66.6	66.4	66.7	66.8
Employed	101,307	101,558	101,524	101,412	101,458	101,816	102,043	101,987	102,109	102,339	102,035	102,675	102,784
Employment-population ratio ²	62.3	62.4	62.4	62.3	62.2	62.4	62.5	62.4	62.5	62.6	62.3	62.7	62.7
Unemployed	7,364	7,225	7,183	7,194	7,025	6,907	6,903	6,742	6,645	6,659	6,554	6,602	6,700
Unemployment rate	6.8	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.0	6.0	6.1
Men, 20 years and over													
Civilian labor force	56,921	56,927	56,926	56,902	56,910	56,858	56,937	56,895	56,942	57,070	56,895	57,073	57,172
Percent of population	78.0	77.9	77.9	77.8	77.7	77.6	77.6	77.5	77.5	77.6	77.3	77.5	77.6
Employed	53,221	53,310	53,300	53,279	53,305	53,369	53,543	53,615	53,649	53,656	53,667	53,834	53,919
Employment-population ratio ²	72.9	73.0	72.9	72.8	72.8	72.8	73.0	73.0	73.0	73.0	72.9	73.1	73.2
Unemployed	3,700	3,617	3,626	3,623	3,605	3,489	3,394	3,280	3,293	3,414	3,228	3,240	3,253
Unemployment rate	6.5	6.4	6.4	6.4	6.3	6.1	6.0	5.8	5.8	6.0	5.7	5.7	5.7
Women, 20 years and over													
Civilian labor force	46,028	46,162	46,055	45,888	45,905	46,095	46,240	46,096	46,002	46,142	45,908	46,321	46,556
Percent of population	58.2	58.3	58.2	57.9	57.9	58.1	58.3	58.1	57.9	58.1	57.7	58.2	58.5
Employed	43,504	43,557	43,468	43,326	43,365	43,661	43,667	43,583	43,626	43,839	43,564	43,943	44,061
Employment-population ratio ²	55.0	55.0	54.9	54.7	54.7	55.0	55.0	54.9	54.9	55.2	54.8	55.2	55.3
Unemployed	2,524	2,605	2,587	2,562	2,540	2,434	2,573	2,513	2,377	2,303	2,345	2,377	2,495
Unemployment rate	5.5	5.6	5.6	5.6	5.5	5.3	5.6	5.5	5.2	5.0	5.1	5.1	5.4
Both sexes, 16 to 19 years													
Civilian labor force	5,722	5,694	5,726	5,816	5,668	5,770	5,769	5,738	5,810	5,786	5,785	5,883	5,755
Percent of population	54.6	54.4	54.6	55.4	54.0	54.9	54.9	54.5	55.2	54.9	54.9	55.7	54.5
Employed	4,582	4,691	4,756	4,807	4,788	4,786	4,833	4,789	4,834	4,844	4,804	4,898	4,804
Employment-population ratio ²	43.7	44.9	45.4	45.8	45.6	45.5	46.0	45.5	45.9	46.0	45.6	46.4	45.5
Unemployed	1,140	1,003	970	1,009	880	984	936	949	976	942	981	985	951
Unemployment rate	19.9	17.6	16.9	17.3	15.5	17.1	16.2	16.5	16.8	16.3	17.0	16.7	16.5
Men	21.2	18.8	18.5	18.7	15.9	17.7	17.2	18.1	17.9	16.5	19.2	17.0	19.0
Women	18.4	16.3	15.2	15.8	15.1	16.4	15.1	14.9	15.6	16.0	14.5	16.5	13.8
BLACK													
Civilian noninstitutional population ¹	21,937	21,966	21,997	22,027	22,061	22,096	22,131	22,157	22,184	22,217	22,249	22,280	22,313
Civilian labor force	14,001	13,995	14,106	13,981	13,948	13,894	13,935	13,822	14,018	13,834	13,872	13,955	13,921
Percent of population	63.8	63.7	64.1	63.5	63.2	62.9	63.0	62.4	63.2	62.3	62.4	62.6	62.4
Employed	11,971	11,979	12,098	12,033	11,984	11,948	11,960	11,853	12,186	11,962	11,959	12,157	12,068
Employment-population ratio ²	54.6	54.5	55.0	54.6	54.3	54.1	54.0	53.5	54.9	53.8	53.7	54.6	54.1
Unemployed	2,030	2,016	2,008	1,948	1,964	1,946	1,975	1,969	1,832	1,871	1,913	1,798	1,854
Unemployment rate	14.5	14.4	14.2	13.9	14.1	14.0	14.2	14.2	13.1	13.5	13.8	12.9	13.3
Men, 20 years and over													
Civilian labor force	6,512	6,481	6,534	6,495	6,499	6,481	6,450	6,486	6,534	6,491	6,412	6,485	6,494
Percent of population	73.6	73.1	73.6	73.1	73.0	72.6	72.1	72.4	72.9	72.3	71.3	72.0	71.9
Employed	5,626	5,602	5,634	5,620	5,611	5,640	5,589	5,645	5,754	5,640	5,597	5,699	5,669
Employment-population ratio ²	63.6	63.2	63.5	63.2	63.0	63.2	62.5	63.1	64.2	62.8	62.2	63.2	62.8
Unemployed	886	879	900	875	888	841	861	841	781	851	815	786	826
Unemployment rate	13.6	13.6	13.8	13.5	13.7	13.0	13.3	13.0	11.9	13.1	12.7	12.1	12.7
Women, 20 years and over													
Civilian labor force	6,694	6,716	6,757	6,675	6,682	6,639	6,687	6,536	6,683	6,584	6,659	6,632	6,662
Percent of population	60.8	60.9	61.2	60.3	60.3	59.9	60.2	58.8	60.0	59.1	59.6	59.3	59.5
Employed	5,876	5,902	5,954	5,944	5,930	5,854	5,889	5,717	5,936	5,897	5,936	5,958	5,951
Employment-population ratio ²	53.3	53.5	53.9	53.7	53.5	52.8	53.0	51.4	53.3	52.9	53.2	53.3	53.2
Unemployed	818	814	803	731	752	785	798	819	747	687	723	674	711
Unemployment rate	12.2	12.1	11.9	11.0	11.3	11.8	11.9	12.5	11.2	10.4	10.9	10.2	10.7

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-34. 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	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	795	798	815	811	767	774	798	800	800	758	801	838	765
Percent of population	38.4	38.6	39.3	39.1	36.9	37.2	38.3	38.4	38.4	36.3	38.4	40.1	36.6
Employed	469	475	510	469	443	454	482	490	496	425	426	500	448
Employment-population ratio ²	22.7	23.0	24.6	22.6	21.3	21.8	23.2	23.5	23.8	20.4	20.4	23.9	21.4
Unemployed	326	323	305	342	324	320	316	310	304	333	375	338	317
Unemployment rate	41.0	40.5	37.4	42.2	42.2	41.3	39.6	38.7	38.0	43.9	46.8	40.3	41.4
Men	45.1	42.3	42.7	44.3	44.2	44.8	42.2	39.0	37.4	45.4	47.9	40.3	36.9
Women	36.4	38.4	31.8	39.8	39.8	37.5	36.5	38.5	38.6	42.0	45.3	40.4	46.6
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	15,224	15,263	15,303	15,342	15,382	15,421	15,461	15,500	15,540	15,585	15,635	15,681	15,729
Civilian labor force	10,126	10,150	10,116	10,213	10,210	10,211	10,351	10,225	10,280	10,343	10,210	10,232	10,255
Percent of population	66.5	66.5	66.1	66.6	66.4	66.2	66.9	66.0	66.1	66.4	65.3	65.2	65.2
Employed	8,927	8,955	8,969	9,028	9,011	8,990	9,145	9,043	9,108	9,166	9,148	9,239	9,206
Employment-population ratio ²	58.6	58.7	58.6	58.8	58.6	58.3	59.1	58.3	58.6	58.8	58.5	58.9	58.5
Unemployed	1,199	1,195	1,147	1,185	1,199	1,221	1,206	1,182	1,171	1,177	1,062	993	1,050
Unemployment rate	11.8	11.8	11.3	11.6	11.7	12.0	11.7	11.6	11.4	11.4	10.4	9.7	10.2

¹ The population figures are not adjusted for seasonal variation.

² Civilian employment as a percent of the civilian noninstitutional population.

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-35. Employed civilians by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
CHARACTERISTIC													
Total	117,510	117,722	117,780	117,724	117,687	118,064	118,311	118,071	118,451	118,565	118,416	119,273	119,219
Married men, spouse present	40,345	40,252	40,318	40,292	40,324	40,487	40,639	40,607	40,903	40,902	41,002	41,188	41,044
Married women, spouse present	30,303	30,269	30,212	30,108	30,030	30,244	30,403	30,298	30,515	30,669	30,171	30,401	30,329
Women who maintain families	6,579	6,565	6,641	6,639	6,626	6,585	6,548	6,555	6,615	6,792	6,942	6,826	6,780
OCCUPATION													
Managerial and professional specialty	31,011	30,995	31,198	31,174	31,289	31,529	31,485	31,874	31,907	32,272	31,682	32,056	32,149
Technical, sales, and administrative support	36,890	36,988	36,867	36,700	36,538	36,804	36,799	36,363	36,767	36,332	36,403	36,785	36,877
Service occupations	16,062	16,017	16,007	16,274	16,076	15,999	16,226	16,414	16,461	16,436	16,505	16,666	16,532
Precision production, craft, and repair	13,074	13,275	13,255	13,318	13,328	13,203	13,271	12,937	12,841	12,867	13,086	13,324	13,469
Operators, fabricators, and laborers	17,053	16,993	16,962	16,829	16,907	17,030	16,959	17,132	17,341	17,175	17,232	17,087	16,870
Farming, forestry, and fishing	3,409	3,452	3,489	3,509	3,547	3,507	3,525	3,403	3,319	3,385	3,288	3,356	3,280
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,701	1,712	1,698	1,694	1,656	1,685	1,735	1,661	1,614	1,568	1,632	1,586	1,584
Self-employed workers	1,396	1,392	1,417	1,397	1,405	1,370	1,397	1,404	1,363	1,377	1,324	1,368	1,335
Unpaid family workers	128	111	103	108	118	163	106	145	136	130	105	111	100
Nonagricultural industries:													
Wage and salary workers	105,365	105,619	105,697	105,643	105,863	105,913	105,978	105,883	106,163	106,447	106,055	106,777	106,870
Government	18,184	18,275	18,378	18,505	18,371	18,216	18,065	18,481	18,507	18,536	18,471	18,604	18,611
Private industries	87,181	87,344	87,319	87,138	87,492	87,697	87,913	87,402	87,655	87,911	87,583	88,173	88,258
Private households	1,139	1,232	1,116	1,158	1,102	1,109	1,091	1,061	1,071	1,143	1,113	1,089	1,043
Other industries	86,042	86,112	86,203	85,980	86,390	86,588	86,822	86,341	86,584	86,769	86,470	87,084	87,215
Self-employed workers	8,595	8,663	8,642	8,662	8,558	8,700	8,668	8,793	9,065	8,832	8,950	9,246	9,164
Unpaid family workers	253	250	242	217	189	220	221	250	226	206	234	193	148
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	6,100	6,342	6,352	6,362	6,434	6,493	6,349	6,113	6,461	6,194	6,458	6,580	6,322
Slack work	3,289	3,283	3,254	3,171	3,160	3,161	3,206	2,994	3,150	3,039	3,128	3,206	3,417
Could only find part-time work	2,592	2,740	2,849	2,879	2,988	3,060	2,865	2,887	2,991	2,855	3,000	3,034	2,698
Voluntary part time	15,223	14,945	15,082	14,805	14,726	14,834	14,895	14,788	14,698	14,799	14,529	15,034	15,612
Nonagricultural industries:													
Part time for economic reasons	5,921	6,069	6,099	6,096	6,151	6,230	6,063	5,887	6,242	5,965	6,238	6,268	6,176
Slack work	3,138	3,123	3,121	3,001	2,993	2,984	3,024	2,800	2,990	2,887	2,963	3,028	3,272
Could only find part-time work	2,519	2,659	2,756	2,826	2,905	2,998	2,793	2,849	2,931	2,781	2,904	2,919	2,631
Voluntary part time	14,819	14,491	14,721	14,358	14,324	14,413	14,476	14,364	14,282	14,319	14,129	14,556	15,205

¹ Excludes persons "with a job but not at work" during the survey

period for such reasons as vacation, illness, or industrial dispute.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-36. Employed civilians by sex and age, seasonally adjusted

(In thousands)

Sex and age	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	117,510	117,722	117,780	117,724	117,687	118,064	118,311	118,071	118,451	118,565	118,416	119,273	119,219
16 to 24 years	17,390	17,552	17,609	17,603	17,488	17,606	17,690	17,547	17,659	17,622	17,517	17,791	17,684
16 to 19 years	5,250	5,345	5,429	5,458	5,417	5,423	5,491	5,401	5,506	5,431	5,405	5,580	5,469
16 to 17 years	1,999	2,035	2,112	2,083	2,024	2,028	2,093	2,074	2,146	2,059	2,020	2,212	2,050
18 to 19 years	3,216	3,296	3,319	3,384	3,401	3,384	3,379	3,335	3,381	3,375	3,380	3,361	3,389
20 to 24 years	12,140	12,207	12,180	12,145	12,071	12,183	12,199	12,146	12,152	12,191	12,112	12,211	12,215
25 years and over	100,096	100,202	100,197	100,128	100,206	100,419	100,603	100,481	100,904	100,941	100,825	101,463	101,503
25 to 54 years	85,440	85,526	85,557	85,539	85,588	85,726	85,942	85,956	86,041	86,338	86,247	86,612	86,712
55 years and over	14,700	14,685	14,651	14,607	14,598	14,729	14,643	14,599	14,872	14,642	14,620	14,741	14,792
Men, 16 years and over	63,751	63,830	63,901	63,976	63,924	64,043	64,194	64,186	64,338	64,332	64,356	64,726	64,683
16 to 24 years	9,059	9,116	9,210	9,278	9,236	9,241	9,275	9,165	9,295	9,262	9,062	9,165	9,158
16 to 19 years	2,724	2,760	2,797	2,851	2,836	2,837	2,868	2,763	2,859	2,867	2,777	2,834	2,836
16 to 17 years	1,013	1,034	1,066	1,111	1,068	1,064	1,099	1,048	1,105	1,116	1,040	1,125	1,064
18 to 19 years	1,678	1,717	1,710	1,755	1,773	1,769	1,757	1,728	1,755	1,758	1,741	1,706	1,744
20 to 24 years	6,335	6,356	6,413	6,427	6,400	6,404	6,407	6,402	6,436	6,396	6,285	6,331	6,322
25 years and over	54,677	54,732	54,693	54,694	54,690	54,808	54,918	55,002	55,114	55,031	55,220	55,544	55,503
25 to 54 years	46,365	46,478	46,430	46,455	46,478	46,495	46,624	46,775	46,733	46,803	46,980	47,197	47,185
55 years and over	8,302	8,273	8,269	8,243	8,214	8,328	8,270	8,305	8,404	8,269	8,238	8,304	8,278
Women, 16 years and over	53,759	53,892	53,879	53,748	53,763	54,021	54,117	53,885	54,114	54,233	54,060	54,547	54,535
16 to 24 years	8,331	8,436	8,399	8,325	8,252	8,365	8,415	8,382	8,364	8,360	8,456	8,626	8,526
16 to 19 years	2,526	2,585	2,632	2,607	2,581	2,586	2,623	2,638	2,647	2,564	2,628	2,746	2,633
16 to 17 years	986	1,001	1,046	972	956	964	994	1,026	1,041	943	980	1,087	986
18 to 19 years	1,538	1,579	1,609	1,629	1,628	1,615	1,622	1,607	1,626	1,617	1,639	1,655	1,645
20 to 24 years	5,805	5,851	5,767	5,718	5,671	5,779	5,792	5,744	5,717	5,796	5,828	5,879	5,893
25 years and over	45,419	45,470	45,504	45,434	45,516	45,611	45,685	45,479	45,790	45,910	45,605	45,919	46,000
25 to 54 years	39,075	39,048	39,127	39,084	39,110	39,231	39,318	39,181	39,308	39,535	39,267	39,415	39,527
55 years and over	6,398	6,412	6,382	6,364	6,384	6,401	6,373	6,294	6,469	6,372	6,381	6,437	6,514

A-37. Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	9,788	9,628	9,624	9,550	9,379	9,301	9,280	9,013	8,876	8,864	8,925	8,858	8,908
16 to 24 years	3,086	2,985	2,928	2,961	2,753	2,884	2,854	2,846	2,872	2,767	2,850	2,938	2,758
16 to 19 years	1,553	1,389	1,345	1,400	1,260	1,370	1,305	1,325	1,345	1,318	1,414	1,373	1,346
16 to 17 years	717	628	579	650	575	634	585	654	580	662	600	593	639
18 to 19 years	833	760	751	757	689	737	733	644	757	663	814	799	703
20 to 24 years	1,533	1,596	1,583	1,561	1,493	1,514	1,549	1,521	1,527	1,449	1,436	1,565	1,412
25 years and over	6,753	6,631	6,679	6,607	6,622	6,428	6,432	6,203	5,998	6,058	6,049	5,891	6,204
25 to 54 years	5,894	5,840	5,889	5,849	5,863	5,719	5,756	5,518	5,343	5,407	5,406	5,237	5,516
55 years and over	812	820	803	769	760	723	699	684	663	637	626	647	660
Men, 16 years and over	5,666	5,485	5,531	5,477	5,410	5,292	5,200	4,929	4,997	5,160	5,079	4,992	5,075
16 to 24 years	1,743	1,670	1,655	1,647	1,549	1,645	1,601	1,581	1,574	1,553	1,657	1,619	1,590
16 to 19 years	880	773	778	797	687	758	741	728	742	725	839	726	780
16 to 17 years	404	342	331	360	311	356	320	369	330	355	336	329	401
18 to 19 years	476	429	437	436	383	402	419	347	410	377	500	413	380
20 to 24 years	863	897	877	850	862	887	860	853	832	828	818	893	810
25 years and over	3,936	3,807	3,862	3,829	3,855	3,656	3,604	3,399	3,429	3,572	3,423	3,338	3,496
25 to 54 years	3,378	3,328	3,388	3,374	3,390	3,246	3,173	3,011	3,039	3,133	3,025	2,938	3,099
55 years and over	509	489	479	466	474	437	440	399	394	414	384	409	364
Women, 16 years and over	4,122	4,143	4,093	4,073	3,969	4,009	4,080	4,083	3,879	3,704	3,846	3,866	3,833
16 to 24 years	1,343	1,315	1,273	1,314	1,204	1,239	1,253	1,266	1,299	1,214	1,193	1,318	1,168
16 to 19 years	673	616	567	603	573	612	564	597	603	593	575	647	566
16 to 17 years	313	286	248	290	264	278	265	285	250	307	264	264	238
18 to 19 years	357	331	314	321	306	335	314	297	347	286	314	386	323
20 to 24 years	670	699	706	711	631	627	689	669	696	621	618	671	602
25 years and over	2,817	2,824	2,817	2,778	2,767	2,772	2,828	2,804	2,569	2,485	2,626	2,553	2,708
25 to 54 years	2,516	2,512	2,501	2,475	2,473	2,473	2,583	2,507	2,304	2,274	2,381	2,300	2,417
55 years and over	303	331	324	303	286	286	259	285	269	222	242	238	296

A-38. Unemployment rates by sex and age, seasonally adjusted

(Civilian workers)

Sex and age	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	7.7	7.6	7.6	7.5	7.4	7.3	7.3	7.1	7.0	7.0	7.0	6.9	7.0
16 to 24 years	15.1	14.5	14.3	14.4	13.6	14.1	13.9	14.0	14.0	13.6	14.0	14.2	13.5
16 to 19 years	22.8	20.6	19.9	20.4	18.9	20.2	19.2	19.7	19.6	19.5	20.7	19.7	19.8
16 to 17 years	26.4	23.6	21.5	23.8	22.1	23.8	21.8	24.0	21.3	24.3	22.9	21.1	23.8
18 to 19 years	20.6	18.7	18.5	18.3	16.8	17.9	17.8	16.2	18.3	16.4	19.4	19.2	17.2
20 to 24 years	11.2	11.6	11.5	11.4	11.0	11.1	11.3	11.1	11.2	10.6	10.6	11.4	10.4
25 years and over	6.3	6.2	6.2	6.2	6.2	6.0	6.0	5.8	5.6	5.7	5.7	5.5	5.8
25 to 54 years	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.0	5.8	5.9	5.9	5.7	6.0
55 years and over	5.2	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.2	4.3
Men, 16 years and over	8.2	7.9	8.0	7.9	7.8	7.6	7.5	7.1	7.2	7.4	7.3	7.2	7.3
16 to 24 years	16.1	15.5	15.2	15.1	14.4	15.1	14.7	14.7	14.5	14.4	15.5	15.0	14.8
16 to 19 years	24.4	21.9	21.8	21.8	19.5	21.1	20.5	20.9	20.6	20.2	23.2	20.4	21.6
16 to 17 years	28.5	24.9	23.7	24.5	22.6	25.1	22.6	26.0	23.0	24.1	24.4	22.6	27.4
18 to 19 years	22.1	20.0	20.4	19.9	17.8	18.5	19.3	16.7	18.9	17.7	22.3	19.5	17.9
20 to 24 years	12.0	12.4	12.0	11.7	11.9	12.2	11.8	11.8	11.4	11.5	11.5	12.4	11.4
25 years and over	6.7	6.5	6.6	6.5	6.6	6.3	6.2	5.8	5.9	6.1	5.8	5.7	5.9
25 to 54 years	6.8	6.7	6.8	6.8	6.8	6.5	6.4	6.0	6.1	6.3	6.0	5.9	6.2
55 years and over	5.8	5.6	5.5	5.4	5.5	5.0	5.1	4.6	4.5	4.8	4.5	4.7	4.2
Women, 16 years and over	7.1	7.1	7.1	7.0	6.9	6.9	7.0	7.0	6.7	6.4	6.6	6.6	6.6
16 to 24 years	13.9	13.5	13.2	13.6	12.7	12.9	13.0	13.1	13.4	12.7	12.4	13.3	12.0
16 to 19 years	21.0	19.2	17.7	18.8	18.2	19.1	17.7	18.5	18.6	18.8	18.0	19.1	17.7
16 to 17 years	24.1	22.2	19.2	23.0	21.6	22.4	21.0	21.7	19.4	24.6	21.2	19.5	19.4
18 to 19 years	18.8	17.3	16.3	16.5	15.8	17.2	16.2	15.6	17.6	15.0	16.1	18.9	16.4
20 to 24 years	10.3	10.7	10.9	11.1	10.0	9.8	10.6	10.4	10.8	9.7	9.6	10.2	9.3
25 years and over	5.8	5.8	5.8	5.8	5.7	5.7	5.8	5.8	5.3	5.1	5.4	5.3	5.6
25 to 54 years	6.0	6.0	6.0	6.0	5.9	5.9	6.2	6.0	5.5	5.4	5.7	5.5	5.8
55 years and over	4.5	4.9	4.8	4.5	4.3	4.3	3.9	4.3	4.0	3.4	3.7	3.6	4.3

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
CHARACTERISTIC													
Total (all civilian workers)	7.7	7.6	7.6	7.5	7.4	7.3	7.3	7.1	7.0	7.0	7.0	6.9	7.0
Men, 20 years and over	7.3	7.2	7.2	7.1	7.2	6.9	6.8	6.4	6.5	6.7	6.4	6.4	6.5
Women, 20 years and over	6.3	6.4	6.4	6.4	6.2	6.2	6.4	6.4	6.0	5.7	6.0	5.9	5.9
Both sexes, 16 to 19 years	22.8	20.6	19.9	20.4	18.9	20.2	19.2	19.7	19.6	19.5	20.7	19.7	19.8
White	6.8	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.0	6.0	6.1
Black and other	13.1	13.0	12.9	12.6	12.5	12.6	12.8	12.9	12.0	12.0	12.5	11.7	12.0
Black	14.5	14.4	14.2	13.9	14.1	14.0	14.2	14.2	13.1	13.5	13.8	12.9	13.3
Hispanic origin	11.8	11.8	11.3	11.6	11.7	12.0	11.7	11.6	11.4	11.4	10.4	9.7	10.2
Married men, spouse present	5.1	5.2	5.3	5.2	5.1	4.9	4.8	4.5	4.5	4.7	4.5	4.5	4.4
Married women, spouse present	5.2	5.2	5.0	5.0	5.1	5.0	5.0	4.9	4.4	4.3	4.8	4.5	4.7
Women who maintain families	10.1	10.3	10.3	9.1	9.3	10.4	10.3	10.6	10.2	9.0	9.6	9.9	9.8
Full-time workers	7.4	7.3	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.6	6.6	6.6	6.6
Part-time workers	9.3	9.2	9.1	9.5	9.2	9.2	9.7	9.3	9.1	8.9	9.7	8.4	8.9
Unemployed 15 weeks and over ¹	2.7	2.8	2.8	2.8	2.8	2.7	2.8	2.6	2.5	2.4	2.3	2.3	2.2
Labor force time lost ²	8.4	8.4	8.4	8.3	8.3	8.3	8.1	7.9	7.9	7.9	7.8	7.9	7.8
OCCUPATION³													
Managerial and professional specialty	3.1	3.1	3.2	3.2	3.2	3.1	3.2	3.3	3.5	3.1	3.0	3.1	2.8
Technical, sales, and administrative support	6.0	6.0	6.0	5.9	6.0	5.7	5.8	5.5	5.2	5.1	5.4	5.3	5.7
Precision production, craft, and repair	9.0	8.6	8.6	8.6	8.6	8.6	8.8	7.9	7.8	8.4	8.7	8.0	8.3
Operators, fabricators, and laborers	11.3	11.4	11.1	11.1	11.0	10.6	10.0	9.8	9.9	10.3	9.7	9.9	10.1
Farming, forestry, and fishing	8.2	8.5	7.9	8.9	7.9	8.8	8.7	8.5	9.0	8.3	8.6	7.4	7.7
INDUSTRY													
Nonagricultural private wage and salary workers	7.9	7.8	7.9	7.8	7.8	7.5	7.5	7.3	7.2	7.2	7.2	7.2	7.2
Goods-producing industries	10.1	10.1	10.0	10.1	9.9	9.3	9.0	8.8	8.6	9.0	8.9	9.0	9.2
Mining	9.0	9.9	10.6	7.2	8.3	5.3	5.5	7.8	7.1	5.5	8.6	10.9	7.1
Construction	17.4	17.0	17.0	17.4	16.1	14.5	15.7	14.3	13.7	15.3	14.5	15.4	15.5
Manufacturing	8.1	8.2	8.0	8.1	8.2	8.0	7.2	7.3	7.2	7.3	7.2	7.1	7.4
Durable goods	8.1	8.4	8.3	8.4	8.9	8.5	7.5	7.3	6.9	7.0	7.2	7.0	7.6
Nondurable goods	8.1	8.0	7.4	7.7	7.3	7.3	6.9	7.2	7.5	7.6	7.3	7.3	7.1
Service-producing industries	7.0	6.9	7.1	6.9	7.0	6.7	6.9	6.7	6.6	6.4	6.6	6.4	6.4
Transportation and public utilities	5.5	5.7	5.4	5.7	5.8	6.1	5.6	4.9	4.6	4.9	5.0	5.5	4.3
Wholesale and retail trade	8.6	8.5	9.0	8.5	8.1	7.9	8.0	7.9	7.8	7.9	8.3	8.2	7.9
Finance and service industries	6.1	6.0	6.1	6.0	6.4	6.1	6.5	6.3	6.1	5.7	5.7	5.4	5.8
Government workers	3.5	3.4	3.4	3.4	3.0	3.8	3.6	3.6	3.6	3.6	3.4	3.1	3.5
Agricultural wage and salary workers	12.8	13.8	11.4	14.3	12.5	13.5	12.2	11.6	13.1	12.1	11.2	10.4	11.9

¹ Unemployment as a percent of the civilian labor force.

² Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

³ Seasonally adjusted data for service occupations are not available because the seasonal components are small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-40. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
DURATION													
Less than 5 weeks	3,512	3,373	3,289	3,281	3,192	3,120	3,042	3,272	3,232	3,102	3,355	3,315	3,282
5 to 14 weeks	2,783	2,776	2,846	2,847	2,666	2,835	2,688	2,481	2,487	2,566	2,496	2,482	2,789
15 weeks and over	3,432	3,547	3,547	3,522	3,564	3,446	3,605	3,317	3,143	3,073	2,926	3,004	2,849
15 to 26 weeks	1,363	1,459	1,502	1,427	1,475	1,438	1,540	1,407	1,236	1,259	1,276	1,261	1,146
27 weeks and over	2,069	2,088	2,045	2,095	2,089	2,008	2,065	1,910	1,907	1,814	1,650	1,743	1,703
Average (mean) duration, in weeks	18.2	18.3	18.3	18.5	19.2	18.4	19.2	18.7	18.3	17.5	17.4	17.6	17.6
Median duration, in weeks	8.7	8.6	8.9	9.3	9.3	9.4	9.4	8.5	8.2	8.3	8.5	8.1	8.1
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	36.1	34.8	34.0	34.0	33.9	33.2	32.6	36.1	36.5	35.5	38.2	37.7	36.8
5 to 14 weeks	28.6	28.6	29.4	29.5	28.3	30.2	28.8	27.4	28.1	29.4	28.4	28.2	31.3
15 weeks and over	35.3	36.6	36.6	36.5	37.8	36.7	38.6	36.6	35.5	35.2	33.3	34.1	31.9
15 to 26 weeks	14.0	15.0	15.5	14.8	15.7	15.3	16.5	15.5	13.9	14.4	14.5	14.3	12.9
27 weeks and over	21.3	21.5	21.1	21.7	22.2	21.4	22.1	21.1	21.5	20.7	18.8	19.8	19.1

A-41. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reasons for unemployment	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
NUMBER OF UNEMPLOYED													
Job losers	5,535	5,462	5,414	5,438	5,492	5,207	5,138	4,847	4,648	4,812	4,821	4,690	4,860
On layoff	1,312	1,296	1,255	1,335	1,265	1,195	1,204	1,029	1,049	1,076	1,036	1,155	1,144
Other job losers	4,223	4,166	4,159	4,103	4,227	4,012	3,934	3,818	3,599	3,735	3,785	3,536	3,716
Job leavers	1,017	1,003	1,009	963	913	977	972	821	1,046	1,096	1,007	967	945
Reentrants	2,266	2,273	2,246	2,274	2,206	2,194	2,237	2,346	2,299	2,047	2,172	2,294	2,223
New entrants	999	958	941	944	784	930	930	960	887	930	940	906	866
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	56.4	56.3	56.3	56.5	58.5	55.9	55.4	54.0	52.3	54.2	53.9	52.9	54.6
On layoff	13.4	13.4	13.1	13.9	13.5	12.8	13.0	11.5	11.8	12.1	11.6	13.0	12.9
Other job losers	43.0	43.0	43.3	42.7	45.0	43.1	42.4	42.5	40.5	42.0	42.3	39.9	41.8
Job leavers	10.4	10.3	10.5	10.0	9.7	10.5	10.5	9.1	11.8	12.3	11.3	10.9	10.6
Reentrants	23.1	23.4	23.4	23.6	23.5	23.6	24.1	26.1	25.9	23.0	24.3	25.9	25.0
New entrants	10.2	9.9	9.8	9.8	8.3	10.0	10.0	10.7	10.0	10.5	10.5	10.2	9.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.3	4.3	4.2	4.3	4.3	4.1	4.0	3.8	3.7	3.8	3.8	3.7	3.8
Job leavers .....	.8	.8	.8	.8	.7	.8	.8	.6	.8	.9	.8	.8	.7
Reentrants	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.6	1.7	1.8	1.7
New entrants .....	.8	.8	.7	.7	.6	.7	.7	.8	.7	.7	.7	.7	.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-42. Employment status of the noninstitutional population, including Armed forces stationed in the United States, by sex, seasonally adjusted

(Numbers in thousands)

Employment status and sex	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Noninstitutional population ¹	189,466	189,889	190,297	190,671	190,996	191,593	192,056	192,478	192,884	193,353	193,852	194,304	194,773
Labor force ¹	126,413	126,410	126,639	126,551	126,863	126,834	127,279	127,843	128,600	128,909	128,874	128,788	129,351
Percent of population ²	66.7	66.6	66.5	66.4	66.4	66.2	66.3	66.4	66.7	66.7	66.5	66.3	66.4
Total employed ¹	119,848	119,461	119,144	118,421	118,430	118,395	118,496	118,677	119,110	119,309	119,554	119,870	120,453
Employment-population ratio ³	63.3	62.9	62.6	62.1	62.0	61.8	61.7	61.7	61.8	61.7	61.7	61.7	61.8
Resident Armed Forces	1,642	1,623	1,601	1,559	1,473	1,615	1,608	1,590	1,574	1,567	1,533	1,508	1,484
Civilian employed	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362	118,969
Agriculture	3,236	3,137	3,211	3,175	3,244	3,262	3,226	3,184	3,212	3,215	3,213	3,130	3,051
Nonagricultural industries	114,970	114,701	114,332	113,687	113,713	113,519	113,662	113,903	114,324	114,527	114,807	115,232	115,918
Unemployed	6,566	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320	8,917	8,897
Unemployment rate ⁴	5.2	5.5	5.9	6.4	6.6	6.7	6.9	7.2	7.4	7.4	7.2	6.9	6.9
Not in labor force	63,053	63,479	63,658	64,120	64,133	64,759	64,778	64,634	64,283	64,443	64,978	65,516	65,422
Men													
Noninstitutional population ¹	91,014	91,226	91,425	91,609	91,737	92,103	92,355	92,585	92,807	93,059	93,328	93,566	93,812
Labor force ¹	69,674	69,626	69,915	69,710	69,758	69,872	69,931	70,160	70,676	70,808	70,730	70,666	70,967
Percent of population ²	76.6	76.3	76.5	76.1	76.0	75.9	75.7	75.8	76.2	76.1	75.8	75.5	75.6
Total employed ¹	66,061	65,773	65,684	65,078	64,922	64,970	64,966	64,874	65,200	65,310	65,429	65,637	65,919
Employment-population ratio ³	72.6	72.1	71.8	71.0	70.8	70.5	70.3	70.1	70.3	70.2	70.1	70.2	70.3
Resident Armed Forces	1,479	1,459	1,440	1,402	1,319	1,441	1,434	1,419	1,414	1,408	1,376	1,352	1,330
Civilian employed	64,582	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054	64,285	64,588
Unemployed	3,613	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301	5,029	5,049
Unemployment rate ⁴	5.2	5.5	6.1	6.6	6.9	7.0	7.1	7.5	7.7	7.8	7.5	7.1	7.1
Not in labor force	21,341	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598	22,900	22,845
Women													
Noninstitutional population ¹	98,452	98,663	98,872	99,062	99,259	99,490	99,701	99,893	100,077	100,294	100,525	100,738	100,961
Labor force ¹	56,740	56,783	56,723	56,842	57,105	56,962	57,348	57,683	57,924	58,102	58,144	58,122	58,383
Percent of population ²	57.6	57.6	57.4	57.4	57.5	57.3	57.5	57.7	57.9	57.9	57.8	57.7	57.8
Total employed ¹	53,787	53,687	53,459	53,343	53,508	53,425	53,530	53,803	53,910	53,999	54,125	54,233	54,535
Employment-population ratio ³	54.6	54.4	54.1	53.8	53.9	53.7	53.7	53.9	53.9	53.8	53.8	53.8	54.0
Resident Armed Forces	163	163	160	157	154	174	173	170	160	159	158	156	154
Civilian employed	53,624	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967	54,077	54,381
Unemployed	2,953	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019	3,889	3,848
Unemployment rate ⁴	5.2	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9	6.7	6.6
Not in labor force	41,712	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381	42,616	42,578

¹ Includes members of the Armed Forces stationed in the United States.

² Labor force as a percent of the noninstitutional population.

³ Total employment as a percent of the noninstitutional population.

⁴ Unemployment as a percent of the labor force (including the resident

Armed Forces).

NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-42 through A-53 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-43. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted

(Numbers in thousands)

Employment status, sex, and age	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Civilian noninstitutional population ¹	187,824	188,266	188,696	189,112	189,523	189,978	190,449	190,888	191,310	191,786	192,319	192,796	193,288
Civilian labor force	124,771	124,787	125,038	124,992	125,390	125,219	125,671	126,254	127,027	127,343	127,341	127,280	127,866
Percent of population	66.4	66.3	66.3	66.1	66.2	65.9	66.0	66.1	66.4	66.4	66.2	66.0	66.2
Employed	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362	118,969
Employment-population ratio ²	62.9	62.6	62.3	61.8	61.7	61.5	61.4	61.3	61.4	61.4	61.4	61.4	61.6
Unemployed	6,566	6,948	7,948	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320	8,917	8,897
Unemployment rate	5.3	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0
Men, 16 years and over													
Civilian noninstitutional population ¹	89,536	89,767	89,985	90,207	90,418	90,662	90,921	91,165	91,393	91,652	91,952	92,214	92,482
Civilian labor force	68,195	68,167	68,475	68,308	68,438	68,432	68,497	68,741	69,262	69,400	69,354	69,314	69,637
Percent of population	76.2	75.9	76.1	75.7	75.7	75.5	75.3	75.4	75.8	75.7	75.4	75.2	75.3
Employed	64,582	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054	64,285	64,588
Employment-population ratio ²	72.1	71.6	71.4	70.6	70.3	70.1	69.9	69.6	69.8	69.7	69.7	69.7	69.8
Agriculture	2,521	2,473	2,536	2,503	2,577	2,573	2,530	2,484	2,528	2,555	2,561	2,496	2,436
Nonagricultural industries	62,060	61,841	61,708	61,173	61,025	60,957	61,002	60,971	61,258	61,347	61,492	61,789	62,152
Unemployed	3,613	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301	5,029	5,049
Unemployment rate	5.3	5.7	6.2	6.8	7.1	7.2	7.2	7.7	7.9	7.9	7.6	7.3	7.3
Not in labor force	21,341	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598	22,900	22,845
Men, 20 years and over													
Civilian noninstitutional population ¹	82,581	82,864	83,105	83,376	83,650	83,943	84,254	84,535	84,756	85,010	85,262	85,554	85,806
Civilian labor force	64,265	64,404	64,699	64,601	64,823	64,907	65,004	65,239	65,743	65,815	65,779	65,753	66,040
Percent of population	77.8	77.7	77.9	77.5	77.5	77.3	77.2	77.2	77.6	77.4	77.1	76.9	77.0
Employed	61,259	61,183	61,138	60,668	60,718	60,704	60,746	60,704	61,049	61,100	61,207	61,456	61,773
Employment-population ratio ²	74.2	73.8	73.6	72.8	72.6	72.3	72.1	71.8	72.0	71.9	71.8	71.8	72.0
Agriculture	2,335	2,267	2,325	2,305	2,371	2,380	2,366	2,329	2,361	2,368	2,358	2,295	2,241
Nonagricultural industries	58,923	58,915	58,813	58,363	58,346	58,325	58,380	58,376	58,688	58,732	58,848	59,160	59,532
Unemployed	3,006	3,222	3,561	3,932	4,105	4,203	4,258	4,535	4,694	4,715	4,572	4,297	4,267
Unemployment rate	4.7	5.0	5.5	6.1	6.3	6.5	6.6	7.0	7.1	7.2	7.0	6.5	6.5
Not in labor force	18,316	18,460	18,406	18,775	18,827	19,036	19,250	19,296	19,013	19,195	19,483	19,801	19,766
Women, 16 years and over													
Civilian noninstitutional population ¹	98,289	98,499	98,711	98,905	99,106	99,316	99,528	99,723	99,917	100,135	100,367	100,582	100,807
Civilian labor force	56,577	56,620	56,563	56,685	56,952	56,788	57,174	57,513	57,764	57,943	57,986	57,966	58,229
Percent of population	57.6	57.5	57.3	57.3	57.5	57.2	57.4	57.7	57.8	57.9	57.8	57.6	57.8
Employed	53,624	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967	54,077	54,381
Employment-population ratio ²	54.6	54.3	54.0	53.8	53.8	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.9
Agriculture	715	665	675	671	666	689	696	700	684	660	652	634	615
Nonagricultural industries	52,909	52,860	52,624	52,515	52,688	52,562	52,660	52,932	53,066	53,179	53,315	53,443	53,766
Unemployed	2,953	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019	3,889	3,848
Unemployment rate	5.2	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9	6.7	6.6
Not in labor force	41,712	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381	42,616	42,578
Women, 20 years and over													
Civilian noninstitutional population ¹	91,413	91,678	91,954	92,203	92,453	92,724	92,955	93,196	93,405	93,633	93,860	94,081	94,264
Civilian labor force	52,987	53,139	53,160	53,245	53,578	53,593	53,870	54,280	54,561	54,739	54,807	54,751	54,964
Percent of population	58.0	58.0	57.8	57.5	58.0	57.8	58.0	58.2	58.4	58.5	58.4	58.2	58.3
Employed	50,541	50,554	50,433	50,337	50,545	50,622	50,654	50,976	51,158	51,232	51,370	51,460	51,712
Employment-population ratio ²	55.3	55.1	54.8	54.6	54.7	54.6	54.5	54.7	54.8	54.7	54.7	54.7	54.9
Agriculture	663	622	635	638	625	649	662	656	644	610	604	593	587
Nonagricultural industries	49,878	49,932	49,798	49,699	49,921	49,973	49,992	50,320	50,514	50,622	50,766	50,868	51,125
Unemployed	2,446	2,586	2,727	2,909	3,032	2,971	3,216	3,304	3,404	3,508	3,436	3,291	3,252
Unemployment rate	4.6	4.9	5.1	5.5	5.7	5.5	6.0	6.1	6.2	6.4	6.3	6.0	5.9
Not in labor force	38,426	38,539	38,794	38,958	38,875	39,131	39,085	38,916	38,844	38,894	39,053	39,330	39,300
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,830	13,724	13,637	13,532	13,420	13,312	13,239	13,157	13,149	13,144	13,196	13,160	13,218
Civilian labor force	7,520	7,243	7,179	7,146	6,989	6,720	6,797	6,734	6,722	6,789	6,755	6,776	6,862
Percent of population	54.4	52.8	52.6	52.8	52.1	50.5	51.3	51.2	51.1	51.7	51.2	51.5	51.9
Employed	6,406	6,102	5,973	5,857	5,694	5,454	5,488	5,407	5,329	5,411	5,444	5,446	5,485
Employment-population ratio ²	46.3	44.5	43.8	43.3	42.4	41.0	41.5	41.1	40.5	41.2	41.3	41.4	41.5
Agriculture	238	248	252	232	248	233	198	200	207	237	251	242	224
Nonagricultural industries	6,168	5,854	5,721	5,625	5,446	5,221	5,291	5,207	5,122	5,173	5,193	5,204	5,261
Unemployed	1,114	1,141	1,206	1,289	1,296	1,266	1,309	1,327	1,393	1,378	1,312	1,329	1,378
Unemployment rate	14.8	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4	19.6	20.1
Not in labor force	6,310	6,481	6,458	6,386	6,431	6,592	6,442	6,423	6,427	6,355	6,441	6,385	6,356

¹ The population figures are not adjusted for seasonal variation. population.

² Civilian employment as a percent of the civilian noninstitutional

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-44. 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	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
WHITE													
Civilian noninstitutional population ¹	160,269	160,553	160,830	161,095	161,357	161,646	161,947	162,223	162,486	162,788	163,135	163,438	163,751
Civilian labor force	107,145	107,275	107,273	107,306	107,593	107,393	107,717	108,156	108,545	108,699	108,717	108,827	109,116
Percent of population	66.9	66.8	66.7	66.6	66.7	66.4	66.5	66.7	66.8	66.8	66.6	66.6	66.6
Employed	102,240	102,177	101,744	101,085	101,146	100,911	101,012	101,199	101,439	101,498	101,772	102,145	102,498
Employment-population ratio ²	63.8	63.6	63.3	62.7	62.7	62.4	62.4	62.4	62.4	62.3	62.4	62.5	62.6
Unemployed	4,905	5,098	5,529	6,222	6,447	6,482	6,705	6,957	7,106	7,201	6,945	6,682	6,619
Unemployment rate	4.6	4.8	5.2	5.8	6.0	6.0	6.2	6.4	6.5	6.6	6.4	6.1	6.1
Men, 20 years and over													
Civilian labor force	55,857	55,981	56,166	56,090	56,251	56,309	56,341	56,553	56,881	56,918	56,902	56,969	57,047
Percent of population	78.2	78.2	78.2	77.9	77.9	77.8	77.6	77.7	78.0	77.8	77.6	77.5	77.5
Employed	53,562	53,598	53,486	52,986	53,053	52,980	52,991	53,015	53,252	53,296	53,406	53,640	53,807
Employment-population ratio ²	75.0	74.9	74.5	73.6	73.5	73.2	73.0	72.9	73.0	72.9	72.9	73.0	73.1
Unemployed	2,296	2,384	2,680	3,104	3,198	3,329	3,350	3,538	3,630	3,622	3,496	3,329	3,240
Unemployment rate	4.1	4.3	4.8	5.5	5.7	5.9	5.9	6.3	6.4	6.4	6.1	5.8	5.7
Women, 20 years and over													
Civilian labor force	44,826	45,027	44,941	45,065	45,319	45,280	45,492	45,824	45,947	46,035	46,080	46,080	46,262
Percent of population	57.7	57.8	57.5	57.6	57.8	57.6	57.7	58.1	58.1	58.1	58.1	58.0	58.1
Employed	43,044	43,174	42,972	42,910	43,068	43,080	43,136	43,401	43,483	43,450	43,564	43,683	43,856
Employment-population ratio ²	55.4	55.4	55.0	54.8	54.9	54.8	54.8	55.0	55.0	54.9	54.9	55.0	55.1
Unemployed	1,782	1,853	1,969	2,156	2,251	2,200	2,356	2,424	2,464	2,585	2,516	2,398	2,406
Unemployment rate	4.0	4.1	4.4	4.8	5.0	4.9	5.2	5.3	5.4	5.6	5.5	5.2	5.2
Both sexes, 16 to 19 years													
Civilian labor force	6,462	6,266	6,166	6,151	6,023	5,804	5,884	5,779	5,717	5,745	5,736	5,778	5,808
Percent of population	58.0	56.8	56.4	56.8	56.2	54.5	55.5	54.8	54.5	54.8	54.6	54.9	55.0
Employed	5,635	5,405	5,287	5,189	5,026	4,851	4,885	4,783	4,704	4,751	4,802	4,822	4,835
Employment-population ratio ²	50.6	49.0	48.3	48.0	46.9	45.6	46.1	45.4	44.8	45.4	45.7	45.8	45.8
Unemployed	827	861	879	962	997	953	999	995	1,012	994	933	956	972
Unemployment rate	12.8	13.7	14.3	15.6	16.6	16.4	17.0	17.2	17.7	17.3	16.3	16.5	16.7
Men	13.3	14.8	15.5	16.8	18.1	17.4	17.8	18.8	19.2	18.7	16.9	17.5	18.4
Women	12.2	12.5	12.9	14.4	14.9	15.3	16.1	15.5	16.1	15.7	15.5	15.5	14.9
BLACK													
Civilian noninstitutional population ¹	21,259	21,339	21,416	21,493	21,568	21,656	21,744	21,828	21,909	21,997	22,096	22,186	22,281
Civilian labor force	13,511	13,412	13,535	13,536	13,547	13,542	13,545	13,729	13,875	14,027	13,926	13,891	13,916
Percent of population	63.6	62.9	63.2	63.0	62.8	62.5	62.3	62.9	63.3	63.8	63.0	62.6	62.5
Employed	12,105	11,837	11,876	11,898	11,854	11,887	11,813	11,831	11,895	12,037	11,964	12,000	12,061
Employment-population ratio ²	56.9	55.5	55.5	55.4	55.0	54.9	54.3	54.2	54.3	54.7	54.1	54.1	54.1
Unemployed	1,406	1,575	1,659	1,637	1,693	1,655	1,732	1,898	1,980	1,991	1,962	1,891	1,855
Unemployment rate	10.4	11.7	12.3	12.1	12.5	12.2	12.8	13.8	14.3	14.2	14.1	13.6	13.3
Men, 20 years and over													
Civilian labor force	6,251	6,295	6,349	6,372	6,341	6,364	6,377	6,433	6,474	6,503	6,477	6,504	6,464
Percent of population	73.7	73.8	74.2	74.0	73.4	73.2	72.9	73.2	73.3	73.3	72.6	72.5	71.7
Employed	5,666	5,601	5,619	5,660	5,579	5,635	5,650	5,567	5,607	5,619	5,613	5,680	5,655
Employment-population ratio ²	66.8	65.7	65.7	65.7	64.6	64.8	64.6	63.3	63.5	63.3	62.9	63.3	62.8
Unemployed	585	694	729	713	762	729	727	866	867	885	863	824	809
Unemployment rate	9.4	11.0	11.5	11.2	12.0	11.4	11.4	13.5	13.4	13.6	13.3	12.7	12.5
Women, 20 years and over													
Civilian labor force	6,423	6,326	6,364	6,378	6,455	6,456	6,446	6,512	6,625	6,716	6,669	6,601	6,651
Percent of population	60.5	59.3	59.4	59.2	59.7	59.4	59.1	59.4	60.2	60.8	60.1	59.3	59.5
Employed	5,848	5,700	5,720	5,740	5,783	5,798	5,708	5,769	5,830	5,933	5,891	5,850	5,948
Employment-population ratio ²	55.0	53.4	53.4	53.3	53.5	53.4	52.3	52.7	53.0	53.7	53.1	52.5	53.2
Unemployed	575	625	644	639	672	658	738	742	794	783	778	751	703
Unemployment rate	8.9	9.9	10.1	10.0	10.4	10.2	11.4	11.4	12.0	11.7	11.7	11.4	10.6

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-44. 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	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	837	792	822	785	751	722	722	784	776	808	780	786	801
Percent of population	38.9	37.0	38.4	37.2	35.5	34.5	34.7	37.7	37.5	39.0	37.5	37.7	38.3
Employed	591	536	536	499	492	453	455	494	458	485	460	470	458
Employment-population ratio ²	27.5	25.1	25.1	23.6	23.3	21.7	21.8	23.8	22.1	23.4	22.1	22.6	21.9
Unemployed	246	255	286	286	259	269	267	290	319	323	320	316	343
Unemployment rate	29.4	32.3	34.8	36.4	34.5	37.2	37.0	37.0	41.0	40.0	41.0	40.2	42.8
Men	30.7	33.8	34.7	36.5	35.9	37.0	36.7	37.7	43.8	43.1	43.7	40.6	41.9
Women	28.0	30.5	34.8	36.4	32.9	37.4	37.3	36.1	38.1	36.6	37.9	39.6	44.0
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	14,238	14,356	14,474	14,593	14,711	14,829	14,948	15,066	15,184	15,303	15,421	15,542	15,682
Civilian labor force	9,604	9,644	9,575	9,636	9,708	9,818	9,902	10,030	10,083	10,160	10,257	10,282	10,232
Percent of population	67.5	67.2	66.2	66.0	66.0	66.2	66.2	66.6	66.4	66.4	66.5	66.2	65.2
Employed	8,871	8,866	8,720	8,722	8,782	8,824	8,873	8,899	8,955	8,984	9,049	9,106	9,197
Employment-population ratio ²	62.3	61.8	60.2	59.8	59.7	59.5	59.4	59.1	59.0	58.7	58.7	58.6	58.6
Unemployed	734	778	855	913	926	994	1,028	1,131	1,128	1,176	1,209	1,177	1,035
Unemployment rate	7.6	8.1	8.9	9.5	9.5	10.1	10.4	11.3	11.2	11.6	11.8	11.4	10.1

¹ The population figures are not adjusted for seasonal variation.

² Civilian employment as a percent of the civilian noninstitutional population.

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-45. Employed and unemployed full- and part-time workers by sex, and age, seasonally adjusted

(In thousands)

Full- and part- time status, sex, and age	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
EMPLOYED													
Full-time workers	98,270	97,936	97,630	96,810	96,634	96,505	96,363	96,640	97,108	97,042	97,281	97,741	98,134
Men, 16 years and over	58,058	57,906	57,800	57,203	56,993	56,792	56,748	56,699	57,022	56,836	57,027	57,371	57,458
Men, 20 years and over	56,689	56,610	56,512	55,993	55,906	55,806	55,698	55,607	56,025	55,874	55,996	56,291	56,462
Women, 16 years and over	40,203	40,046	39,844	39,648	39,635	39,600	39,687	40,044	40,065	40,104	40,313	40,463	40,660
Women, 20 years and over	39,178	39,083	38,947	38,819	38,791	38,877	38,942	39,304	39,363	39,397	39,578	39,761	39,894
Both sexes, 16 to 19 years	2,403	2,243	2,171	1,999	1,937	1,821	1,723	1,729	1,720	1,771	1,707	1,689	1,778
Part-time workers	19,908	19,873	19,893	20,051	20,315	20,402	20,439	20,386	20,439	20,826	20,645	20,569	20,830
Men, 16 years and over	6,500	6,411	6,436	6,499	6,602	6,733	6,786	6,797	6,760	7,049	7,019	6,949	7,104
Men, 20 years and over	4,561	4,563	4,611	4,689	4,823	4,914	5,023	5,088	5,040	5,255	5,187	5,156	5,308
Women, 16 years and over	13,418	13,482	13,452	13,539	13,715	13,666	13,660	13,588	13,680	13,751	13,638	13,624	13,720
Women, 20 years and over	11,353	11,462	11,483	11,532	11,748	11,743	11,700	11,691	11,794	11,824	11,778	11,745	11,820
Both sexes, 16 to 19 years	3,994	3,849	3,798	3,830	3,743	3,745	3,715	3,607	3,605	3,747	3,679	3,669	3,702
UNEMPLOYED													
Looking for full-time work	5,244	5,601	6,163	6,683	6,890	6,983	7,244	7,585	7,827	7,960	7,643	7,289	7,244
Men, 16 years and over	3,087	3,317	3,683	4,104	4,191	4,249	4,321	4,785	4,774	4,708	4,543	4,473	4,330
Men, 20 years and over	2,764	2,980	3,340	3,694	3,841	3,929	3,986	4,265	4,413	4,430	4,283	4,030	3,982
Women, 16 years and over	2,164	2,297	2,479	2,649	2,686	2,689	2,859	2,963	3,033	3,193	2,999	2,933	2,905
Women, 20 years and over	1,943	2,069	2,233	2,361	2,449	2,419	2,637	2,721	2,759	2,901	2,788	2,674	2,643
Both sexes, 16 to 19 years	536	551	590	628	600	635	620	600	655	629	572	584	618
Looking for part-time work	1,312	1,384	1,328	1,444	1,518	1,485	1,541	1,577	1,626	1,674	1,683	1,627	1,619
Men, 16 years and over	522	568	556	590	615	607	614	656	661	708	699	659	688
Men, 20 years and over	241	249	221	241	255	278	272	273	265	291	288	272	272
Women, 16 years and over	785	809	773	853	894	878	929	930	953	969	979	974	919
Women, 20 years and over	497	526	494	553	570	560	581	587	627	618	655	621	590
Both sexes, 16 to 19 years	574	608	613	650	693	647	687	716	735	765	739	733	756

NOTE: Employed persons with a job but not at work and persons at work part time are distributed according to whether they usually work full

or part time; unemployed persons are classified according to whether they are seeking full- or part-time jobs.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-46. Employed civilians by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
CHARACTERISTIC													
Total	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362	118,969
Married men, spouse present	40,770	40,689	40,722	40,456	40,392	40,486	40,351	40,071	40,357	40,287	40,483	40,804	41,078
Married women, spouse present	29,846	29,782	29,763	29,660	29,728	29,857	29,849	29,952	30,172	30,196	30,226	30,494	30,300
Women who maintain families	6,399	6,358	6,357	6,420	6,422	6,494	6,493	6,563	6,564	6,615	6,586	6,654	6,849
OCCUPATION													
Managerial and professional specialty	30,508	30,793	30,691	30,857	30,915	30,974	31,295	31,019	31,026	31,122	31,434	32,018	31,962
Technical, sales, and administrative support	36,857	36,428	36,488	36,200	36,154	36,024	36,006	36,750	36,939	36,852	36,714	36,487	36,688
Service occupations	15,784	15,874	15,861	15,841	15,944	16,062	16,086	16,108	16,076	16,099	16,100	16,437	16,568
Precision production, craft, and repair	13,712	13,607	13,460	13,359	13,224	13,042	13,022	12,863	13,082	13,283	13,267	12,882	13,293
Operators, fabricators, and laborers	17,822	17,747	17,649	17,209	17,161	17,243	17,057	16,967	16,960	16,928	16,965	17,216	17,063
Farming, forestry, and fishing	3,437	3,411	3,394	3,438	3,494	3,469	3,420	3,420	3,394	3,483	3,526	3,369	3,308
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,668	1,697	1,697	1,614	1,692	1,696	1,670	1,676	1,710	1,701	1,692	1,614	1,601
Self-employed workers	1,464	1,339	1,404	1,419	1,440	1,457	1,452	1,415	1,387	1,402	1,391	1,381	1,343
Unpaid family workers	109	103	106	146	110	114	112	103	110	107	129	137	105
Nonagricultural industries:													
Wage and salary workers	105,935	105,730	105,213	104,651	104,478	104,451	104,516	105,092	105,498	105,653	105,918	106,164	106,567
Government	17,908	17,660	17,648	17,840	17,968	17,866	17,918	17,801	17,939	18,386	18,217	18,508	18,562
Private industries	88,027	88,070	87,565	86,811	86,509	86,585	86,598	87,291	87,559	87,267	87,701	87,656	88,005
Private households	1,004	1,007	1,013	980	971	1,034	981	1,075	1,109	1,169	1,101	1,091	1,082
Other industries	87,022	87,063	86,552	85,831	85,538	85,551	85,617	86,216	86,450	86,098	86,600	86,565	86,923
Self-employed workers	8,757	8,732	8,816	8,859	8,989	8,883	8,859	8,618	8,557	8,656	8,642	8,897	9,120
Unpaid family workers	247	248	242	232	227	214	229	232	248	236	210	227	192
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	4,917	5,202	5,486	5,786	5,952	6,142	6,349	6,465	6,310	6,352	6,425	6,256	6,453
Slack work	2,437	2,589	2,832	3,107	3,201	3,200	3,320	3,225	3,239	3,236	3,176	3,061	3,250
Could only find part-time work	2,154	2,235	2,330	2,331	2,460	2,627	2,720	2,935	2,773	2,823	2,971	2,911	2,911
Voluntary part time	15,335	15,186	15,045	14,985	15,179	15,009	14,898	14,558	14,888	14,944	14,818	14,761	15,058
Nonagricultural industries:													
Part time for economic reasons	4,701	4,945	5,213	5,504	5,701	5,836	6,072	6,190	6,044	6,088	6,148	6,031	6,227
Slack work	2,266	2,410	2,652	2,908	3,012	3,013	3,139	3,034	3,032	3,082	3,000	2,892	3,088
Could only find part-time work	2,097	2,173	2,261	2,264	2,378	2,536	2,648	2,861	2,695	2,747	2,899	2,854	2,818
Voluntary part time	14,837	14,776	14,637	14,575	14,732	14,567	14,434	14,107	14,462	14,523	14,404	14,321	14,630

¹ Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-47. Employed civilians by sex and age, seasonally adjusted

(In thousands)

Sex and age	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362	118,969
16 to 24 years	19,089	18,702	18,481	18,245	17,916	17,622	17,648	17,544	17,487	17,588	17,595	17,609	17,664
16 to 19 years	6,406	6,102	5,973	5,857	5,694	5,454	5,488	5,407	5,329	5,411	5,444	5,446	5,485
16 to 17 years	2,384	2,234	2,208	2,226	2,142	2,045	2,088	2,051	2,024	2,077	2,048	2,093	2,094
18 to 19 years	4,013	3,864	3,759	3,649	3,542	3,416	3,405	3,385	3,290	3,333	3,388	3,364	3,377
20 to 24 years	12,683	12,600	12,509	12,388	12,222	12,168	12,160	12,137	12,158	12,177	12,151	12,163	12,179
25 years and over	99,081	99,165	99,040	98,644	99,013	99,189	99,220	99,564	100,025	100,176	100,409	100,775	101,264
25 to 54 years	84,189	84,240	84,157	83,949	84,323	84,528	84,647	84,800	85,297	85,541	85,752	86,112	86,524
55 years and over	14,886	14,945	14,869	14,691	14,682	14,662	14,562	14,761	14,718	14,648	14,657	14,704	14,718
Men, 16 years and over	64,582	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054	64,285	64,588
16 to 24 years	9,989	9,739	9,651	9,491	9,305	9,226	9,166	9,045	9,061	9,201	9,251	9,241	9,128
16 to 19 years	3,323	3,131	3,106	3,008	2,885	2,825	2,786	2,750	2,737	2,803	2,847	2,830	2,816
16 to 17 years	1,232	1,147	1,160	1,156	1,101	1,055	1,055	1,033	1,029	1,070	1,077	1,090	1,076
18 to 19 years	2,080	1,983	1,943	1,863	1,776	1,772	1,736	1,743	1,697	1,727	1,766	1,747	1,730
20 to 24 years	6,666	6,608	6,545	6,484	6,420	6,401	6,380	6,295	6,324	6,399	6,404	6,411	6,313
25 years and over	54,567	54,582	54,595	54,197	54,280	54,311	54,368	54,415	54,711	54,706	54,805	55,049	55,423
25 to 54 years	46,091	46,041	46,070	45,872	45,920	46,030	46,084	46,045	46,317	46,454	46,532	46,770	47,121
55 years and over	8,456	8,550	8,513	8,342	8,343	8,294	8,275	8,384	8,377	8,262	8,271	8,326	8,273
Women, 16 years and over	53,624	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967	54,077	54,381
16 to 24 years	9,100	8,963	8,831	8,753	8,611	8,396	8,482	8,499	8,426	8,387	8,344	8,369	8,536
16 to 19 years	3,083	2,971	2,867	2,849	2,809	2,629	2,702	2,657	2,592	2,608	2,597	2,617	2,669
16 to 17 years	1,152	1,087	1,048	1,070	1,040	990	1,033	1,018	995	1,006	971	1,003	1,018
18 to 19 years	1,933	1,881	1,816	1,786	1,766	1,643	1,669	1,642	1,593	1,606	1,622	1,617	1,646
20 to 24 years	6,017	5,992	5,964	5,904	5,802	5,767	5,780	5,842	5,834	5,779	5,747	5,752	5,867
25 years and over	44,514	44,583	44,445	44,447	44,733	44,878	44,853	45,149	45,314	45,469	45,604	45,726	45,841
25 to 54 years	38,098	38,199	38,087	38,076	38,403	38,498	38,563	38,755	38,980	39,086	39,220	39,342	39,403
55 years and over	6,430	6,395	6,356	6,349	6,339	6,389	6,287	6,377	6,341	6,386	6,386	6,378	6,444

A-48. Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	6,566	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320	8,917	8,897
16 to 24 years	2,319	2,371	2,483	2,684	2,760	2,758	2,872	2,859	2,936	2,958	2,830	2,829	2,848
16 to 19 years	1,114	1,141	1,206	1,289	1,296	1,266	1,309	1,327	1,393	1,378	1,312	1,329	1,378
16 to 17 years	515	487	520	537	547	565	592	586	646	619	598	632	611
18 to 19 years	609	655	685	743	757	700	722	732	754	756	720	688	772
20 to 24 years	1,205	1,230	1,277	1,395	1,465	1,492	1,564	1,532	1,543	1,580	1,519	1,499	1,471
25 years and over	4,253	4,574	5,005	5,444	5,677	5,674	5,912	6,303	6,558	6,639	6,494	6,086	6,048
25 to 54 years	3,775	4,070	4,483	4,866	5,044	5,086	5,309	5,625	5,768	5,859	5,779	5,423	5,386
55 years and over	458	501	542	579	609	597	621	677	759	797	727	661	644
Men, 16 years and over	3,613	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301	5,029	5,049
16 to 24 years	1,275	1,283	1,385	1,516	1,565	1,584	1,577	1,651	1,673	1,657	1,598	1,569	1,622
16 to 19 years	607	631	670	699	730	700	707	751	782	783	729	732	782
16 to 17 years	274	269	288	306	291	304	303	326	361	344	329	351	355
18 to 19 years	338	362	379	392	444	393	404	423	426	434	401	378	431
20 to 24 years	668	652	715	817	834	885	870	900	890	875	870	837	840
25 years and over	2,341	2,561	2,843	3,122	3,271	3,307	3,389	3,644	3,800	3,833	3,705	3,467	3,419
25 to 54 years	2,042	2,235	2,510	2,756	2,870	2,923	3,033	3,211	3,304	3,363	3,270	3,061	3,021
55 years and over	283	321	353	365	382	386	377	431	475	478	450	402	385
Women, 16 years and over	2,953	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019	3,889	3,848
16 to 24 years	1,044	1,088	1,098	1,168	1,196	1,173	1,295	1,208	1,263	1,301	1,232	1,260	1,226
16 to 19 years	507	510	536	590	565	566	602	576	611	595	583	598	596
16 to 17 years	242	218	232	231	256	261	289	260	284	275	269	281	255
18 to 19 years	271	293	306	351	313	307	318	309	328	322	318	310	341
20 to 24 years	537	579	562	578	630	607	693	632	653	705	649	662	630
25 years and over	1,913	2,013	2,162	2,322	2,406	2,367	2,522	2,659	2,759	2,806	2,789	2,619	2,629
25 to 54 years	1,733	1,835	1,973	2,111	2,174	2,162	2,276	2,415	2,465	2,496	2,510	2,362	2,366
55 years and over	175	180	189	214	226	211	244	246	284	319	277	259	259

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-49. Unemployment rates by sex and age, seasonally adjusted

(Civilian workers)

Sex and age	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	5.3	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0
16 to 24 years	10.9	11.3	11.8	12.8	13.4	13.5	14.0	14.0	14.4	14.4	13.9	13.8	13.9
16 to 19 years	14.8	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4	19.6	20.1
16 to 17 years	17.8	17.9	19.1	19.4	20.4	21.6	22.1	22.2	24.2	23.0	22.6	23.2	22.6
18 to 19 years	13.2	14.5	15.4	16.9	17.6	17.0	17.5	17.8	18.6	18.5	17.5	17.0	18.6
20 to 24 years	8.7	8.9	9.3	10.1	10.7	10.9	11.4	11.2	11.3	11.5	11.1	11.0	10.8
25 years and over	4.7	4.4	4.8	5.2	5.4	5.4	5.6	6.0	6.2	6.2	6.1	5.7	5.6
25 to 54 years	4.3	4.6	5.1	5.5	5.6	5.7	5.9	6.2	6.3	6.4	6.3	5.9	5.9
55 years and over	3.0	3.2	3.5	3.8	4.0	3.9	4.1	4.4	4.9	5.2	4.7	4.3	4.2
Men, 16 years and over	5.3	5.7	6.2	6.8	7.1	7.2	7.2	7.7	7.9	7.9	7.6	7.3	7.3
16 to 24 years	11.3	11.6	12.6	13.8	14.4	14.7	14.7	15.4	15.6	15.3	14.7	14.5	15.1
16 to 19 years	15.4	16.8	17.7	18.9	20.2	19.9	20.2	21.4	22.2	21.8	20.4	20.5	21.7
16 to 17 years	18.2	19.0	19.9	21.0	20.9	22.4	22.3	24.0	26.0	24.3	23.4	24.4	24.8
18 to 19 years	14.0	15.4	16.3	17.4	20.0	18.1	18.9	19.5	20.1	20.1	18.5	17.8	19.9
20 to 24 years	9.7	9.0	9.8	11.2	11.5	12.1	12.0	12.5	12.3	12.0	12.0	11.6	11.7
25 years and over	4.7	4.5	5.0	5.4	5.7	5.7	5.9	6.3	6.5	6.5	6.3	5.9	5.8
25 to 54 years	4.3	4.6	5.2	5.7	5.9	6.0	6.2	6.5	6.7	6.8	6.6	6.1	6.0
55 years and over	3.0	3.6	4.0	4.2	4.4	4.4	4.4	4.9	5.4	5.5	5.2	4.6	4.5
Women, 16 years and over	5.3	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9	6.7	6.6
16 to 24 years	10.3	10.8	11.1	11.8	12.2	12.3	13.2	12.4	13.0	13.4	12.9	13.1	12.6
16 to 19 years	14.7	14.6	15.8	17.2	16.8	17.7	18.2	17.8	19.1	18.6	18.3	18.6	18.3
16 to 17 years	17.3	16.7	18.1	17.8	19.8	20.8	21.9	20.3	22.2	21.4	21.7	21.9	20.1
18 to 19 years	12.3	13.5	14.4	16.4	15.0	15.8	16.0	15.9	17.1	16.7	16.4	16.1	17.2
20 to 24 years	8.3	8.8	8.6	8.9	9.8	9.5	10.7	9.8	10.1	10.9	10.1	10.3	9.7
25 years and over	4.7	4.3	4.6	5.0	5.1	5.0	5.3	5.6	5.7	5.8	5.8	5.4	5.4
25 to 54 years	4.4	4.6	4.9	5.3	5.4	5.3	5.6	5.9	5.9	6.0	6.0	5.7	5.7
55 years and over	2.6	2.7	2.9	3.3	3.4	3.2	3.7	3.7	4.3	4.8	4.2	3.9	3.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-50. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
CHARACTERISTIC													
Total (all civilian workers)	5.3	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0
Men, 20 years and over	4.7	5.0	5.5	6.1	6.3	6.5	6.6	7.0	7.1	7.2	7.0	6.5	6.5
Women, 20 years and over	4.6	4.9	5.1	5.5	5.7	5.5	6.0	6.1	6.2	6.4	6.3	6.0	5.9
Both sexes, 16 to 19 years	14.8	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4	19.6	20.1
White	4.6	4.8	5.2	5.8	6.0	6.0	6.2	6.4	6.5	6.6	6.4	6.1	6.1
Black and other	9.3	10.6	11.0	10.9	11.1	11.0	11.5	12.4	12.8	12.8	12.7	12.3	12.1
Black	10.4	11.7	12.3	12.1	12.5	12.2	12.8	13.8	14.3	14.2	14.1	13.6	13.3
Hispanic origin	7.6	8.1	8.9	9.5	9.5	10.1	10.4	11.3	11.2	11.6	11.8	11.4	10.1
Married men, spouse present	3.2	3.4	3.8	4.3	4.4	4.4	4.5	4.9	5.0	5.3	4.9	4.6	4.5
Married women, spouse present	3.6	3.8	4.1	4.3	4.5	4.5	4.7	4.8	5.1	5.1	5.0	4.5	4.7
Women who maintain families	7.7	8.5	8.7	9.1	9.3	8.9	9.3	9.5	10.0	9.9	10.0	9.9	9.8
Full-time workers	4.9	5.2	5.7	6.2	6.4	6.5	6.7	7.0	7.2	7.3	7.0	6.7	6.6
Part-time workers	7.3	7.7	7.5	8.0	8.4	8.3	8.6	9.0	9.1	9.2	9.4	9.1	9.0
Unemployed 15 weeks and over ¹	1.1	1.3	1.4	1.6	1.8	1.9	2.2	2.5	2.6	2.8	2.8	2.5	2.3
Labor force time lost ²	6.0	6.3	6.8	7.4	7.5	7.7	7.9	8.2	8.3	8.4	8.2	7.9	7.8
OCCUPATION³													
Managerial and professional specialty	2.0	2.2	2.3	2.6	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.0
Technical, sales, and administrative support	3.9	4.3	4.6	4.9	5.2	5.0	5.4	5.6	5.8	6.0	5.9	5.3	5.5
Precision production, craft, and repair	5.3	6.1	7.0	7.4	7.8	8.3	8.4	9.3	8.8	8.6	8.7	8.0	8.3
Operators, fabricators, and laborers	8.3	8.3	9.6	10.6	10.7	10.3	10.4	11.1	11.2	11.2	10.5	10.0	9.9
Farming, forestry, and fishing	6.3	6.5	6.2	7.9	7.2	7.5	7.9	7.7	7.8	8.4	8.5	8.6	7.9
INDUSTRY													
Nonagricultural private wage and salary workers	5.4	5.7	6.2	6.8	7.0	7.0	7.3	7.6	7.7	7.9	7.6	7.2	7.2
Goods-producing industries	6.5	6.9	7.9	8.7	9.1	9.0	9.2	9.5	9.8	10.1	9.4	8.8	9.0
Mining	4.2	4.2	5.2	6.5	7.8	8.7	8.6	7.7	8.3	9.2	6.4	6.8	8.8
Construction	10.5	11.3	13.6	14.5	15.0	15.9	16.4	17.1	16.9	17.1	15.4	14.4	15.1
Manufacturing	5.3	5.8	6.4	7.2	7.5	7.0	7.2	7.4	7.8	8.1	7.8	7.2	7.2
Durable goods	5.3	5.9	6.5	7.7	7.9	7.2	7.1	7.5	7.8	8.4	8.3	7.1	7.2
Nondurable goods	5.4	5.6	6.1	6.5	6.8	6.8	7.2	7.3	7.8	7.7	7.2	7.5	7.2
Service-producing industries	5.0	5.2	5.5	5.9	6.2	6.2	6.5	6.8	6.9	7.0	6.9	6.6	6.5
Transportation and public utilities	3.6	4.0	4.2	4.9	5.4	5.1	5.7	5.5	5.1	5.6	5.9	4.8	5.0
Wholesale and retail trade	6.2	6.3	6.9	7.4	7.5	7.7	7.8	8.3	8.4	8.7	8.0	7.9	8.1
Finance and service industries	4.4	4.7	4.8	5.1	5.4	5.4	5.7	6.0	6.1	6.0	6.3	6.0	5.6
Government workers	2.5	2.8	2.8	3.2	3.1	3.2	3.5	3.7	3.5	3.4	3.5	3.6	3.3
Agricultural wage and salary workers	9.6	9.5	10.1	12.4	11.2	11.2	11.7	11.2	12.3	13.2	12.8	12.3	11.1

¹ Unemployment as a percent of the civilian labor force.

² Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

³ 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.

A-51. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
DURATION													
Less than 5 weeks	3,105	3,164	3,284	3,444	3,427	3,332	3,325	3,243	3,381	3,314	3,118	3,202	3,318
5 to 14 weeks	2,136	2,221	2,441	2,692	2,767	2,701	2,747	2,760	2,717	2,823	2,730	2,511	2,589
15 weeks and over	1,374	1,565	1,747	1,994	2,254	2,400	2,739	3,135	3,284	3,539	3,538	3,177	2,926
15 to 26 weeks	731	839	962	1,088	1,218	1,257	1,396	1,441	1,357	1,463	1,484	1,301	1,228
27 weeks and over	643	726	785	906	1,036	1,144	1,343	1,694	1,927	2,076	2,054	1,877	1,699
Average (mean) duration, in weeks	11.8	12.3	12.4	12.7	13.4	14.1	15.0	16.7	17.8	18.4	18.9	18.1	17.5
Median duration, in weeks	5.1	5.5	5.9	6.2	6.7	7.2	7.7	8.1	8.7	8.9	9.4	8.3	8.3
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	46.9	45.5	44.0	42.4	40.6	39.5	37.7	35.5	36.0	34.3	33.2	36.0	37.6
5 to 14 weeks	32.3	32.0	32.7	33.1	32.8	32.0	31.2	30.2	29.0	29.2	29.1	28.2	29.3
15 weeks and over	20.8	22.5	23.4	24.5	26.7	28.5	31.1	34.3	35.0	36.6	37.7	35.7	33.1
15 to 26 weeks	11.1	12.1	12.9	13.4	14.4	14.9	15.8	15.8	14.5	15.1	15.8	14.6	13.9
27 weeks and over	9.7	10.5	10.5	11.1	12.3	13.6	15.2	18.5	20.5	21.5	21.9	21.1	19.2

A-52. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reasons for unemployment	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
NUMBER OF UNEMPLOYED													
Job losers	3,110	3,359	3,811	4,385	4,567	4,692	4,864	5,126	5,395	5,438	5,279	4,769	4,790
On layoff	949	1,022	1,151	1,332	1,330	1,191	1,233	1,236	1,250	1,295	1,221	1,051	1,112
Other job losers	2,160	2,337	2,661	3,053	3,237	3,501	3,631	3,890	4,145	4,143	4,058	3,717	3,679
Job leavers	1,041	985	1,006	1,007	1,016	934	966	948	1,006	992	954	988	973
Reentrants	1,816	1,918	2,000	2,030	2,127	2,054	2,140	2,229	2,199	2,264	2,212	2,231	2,230
New entrants	611	652	676	693	742	767	809	827	905	948	881	926	904
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	47.3	48.6	50.9	54.0	54.0	55.5	55.4	56.1	56.8	56.4	56.6	53.5	53.8
On layoff	14.4	14.8	15.4	16.4	15.7	14.1	14.0	13.5	13.2	13.4	13.1	11.8	12.5
Other job losers	32.8	33.8	35.5	37.6	38.3	41.4	41.4	42.6	43.6	43.0	43.5	41.7	41.3
Job leavers	15.8	14.2	13.4	12.4	12.0	11.1	11.0	10.4	10.6	10.3	10.2	11.1	10.9
Reentrants	27.6	27.7	26.7	25.0	25.2	24.3	24.4	24.4	23.1	23.5	23.7	25.0	25.1
New entrants	9.3	9.4	9.0	8.5	8.8	9.1	9.2	9.1	9.5	9.8	9.4	10.4	10.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.5	2.7	3.0	3.5	3.6	3.7	3.9	4.1	4.2	4.3	4.1	3.7	3.7
Job leavers .....	.8	.8	.8	.8	.8	.7	.8	.8	.8	.8	.7	.8	.8
Reentrants	1.5	1.5	1.6	1.6	1.7	1.6	1.7	1.8	1.7	1.8	1.7	1.8	1.7
New entrants .....	.5	.5	.5	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-53. Persons not in the labor force by reason, sex, and race, seasonally adjusted

(In thousands)

Reason, sex, and race	1990			1991				1992				1993	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Total not in labor force	63,053	63,479	63,658	64,120	64,133	64,759	64,778	64,634	64,283	64,443	64,978	65,516	65,422
Do not want a job now	57,537	58,201	58,022	58,385	58,739	58,939	58,832	58,399	58,156	58,227	58,956	59,115	59,235
Current activity:													
Going to school	6,608	6,895	6,727	6,627	6,842	6,963	6,788	6,821	6,641	6,594	6,836	6,756	6,987
Ill, disabled	5,030	5,073	5,066	4,972	4,894	5,006	5,093	5,060	4,973	5,193	5,177	5,396	5,373
Keeping house	23,424	23,518	23,486	23,295	23,430	23,176	22,767	22,176	22,077	21,459	21,108	21,345	21,376
Retired	18,411	18,538	18,581	19,041	19,098	19,405	19,579	19,734	19,947	20,395	20,893	20,843	20,905
Other activity	4,063	4,178	4,163	4,451	4,475	4,388	4,605	4,609	4,519	4,586	4,942	4,775	4,595
Want a job now	5,622	5,320	5,551	5,651	5,564	5,807	5,966	6,068	6,291	6,147	6,209	6,378	6,399
Reason not looking:													
School attendance	1,425	1,388	1,424	1,424	1,358	1,517	1,434	1,493	1,763	1,494	1,620	1,499	1,517
Ill health, disability	939	859	944	1,012	903	999	1,005	1,041	1,036	1,094	1,171	1,119	1,162
Home responsibilities	1,283	1,245	1,136	1,180	1,170	1,178	1,301	1,325	1,259	1,176	1,187	1,352	1,338
Think cannot get a job	863	818	967	982	952	1,050	1,112	1,077	1,118	1,126	1,084	1,134	1,202
Job-market factors	525	519	606	650	684	695	743	814	773	819	702	799	759
Personal factors	338	298	361	332	269	355	369	263	345	307	383	335	443
Other reasons ¹	1,111	1,011	1,080	1,053	1,181	1,063	1,113	1,133	1,115	1,257	1,147	1,273	1,180
Men													
Total not in labor force	21,341	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598	22,900	22,845
Do not want a job now	19,345	19,723	19,496	19,669	20,006	20,175	20,248	20,041	19,794	20,066	20,447	20,397	20,511
Want a job now	2,028	1,925	1,947	2,131	2,018	2,162	2,207	2,187	2,354	2,290	2,242	2,391	2,389
Reason not looking:													
School attendance	691	707	651	753	640	729	754	713	862	686	728	729	735
Ill health, disability	499	422	455	545	437	498	508	516	496	545	527	580	535
Think cannot get a job	353	385	399	406	416	467	451	475	527	523	489	539	548
Other reasons ¹	484	412	442	427	526	469	493	483	469	536	499	543	571
Women													
Total not in labor force	41,712	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381	42,616	42,578
Do not want a job now	38,192	38,478	38,526	38,716	38,733	38,763	38,584	38,358	38,363	38,161	38,509	38,718	38,724
Want a job now	3,594	3,395	3,604	3,520	3,546	3,645	3,759	3,881	3,937	3,857	3,967	3,987	4,011
Reason not looking:													
School attendance	734	681	774	671	718	789	680	779	901	808	892	770	782
Ill health, disability	440	437	489	467	466	502	497	525	540	550	644	539	627
Home responsibilities	1,283	1,245	1,136	1,180	1,170	1,178	1,301	1,325	1,259	1,176	1,187	1,352	1,338
Think cannot get a job	510	433	567	576	537	583	661	602	591	603	595	595	654
Other reasons	627	599	638	626	656	594	621	650	646	720	648	730	609
White													
Total not in labor force	53,124	53,278	53,557	53,789	53,764	54,253	54,230	54,067	53,941	54,089	54,418	54,611	54,635
Do not want a job now	49,073	49,304	49,594	49,649	49,989	50,057	49,964	49,543	49,484	49,551	49,946	50,000	50,028
Want a job now	4,010	3,882	3,907	4,108	3,854	4,254	4,309	4,413	4,486	4,572	4,553	4,610	4,613
Reason not looking:													
School attendance	967	978	906	997	917	1,093	1,012	1,077	1,174	1,054	1,185	1,021	1,003
Ill health, disability	681	652	724	726	636	766	759	722	792	825	899	779	925
Home responsibilities	937	917	822	881	840	873	913	968	910	895	869	975	942
Think cannot get a job	613	562	616	667	617	720	747	733	751	808	693	797	807
Other reasons ¹	812	773	838	837	844	801	879	913	859	991	907	1,039	937
Black													
Total not in labor force	7,748	7,927	7,881	7,957	8,021	8,114	8,199	8,099	8,034	7,970	8,170	8,295	8,365
Do not want a job now	6,479	6,662	6,421	6,693	6,639	6,761	6,791	6,671	6,582	6,566	6,730	6,887	6,998
Want a job now	1,308	1,235	1,402	1,288	1,435	1,366	1,343	1,467	1,483	1,371	1,375	1,459	1,426
Reason not looking:													
School attendance	382	330	427	336	365	397	333	351	456	389	349	367	406
Ill health, disability	229	185	195	212	251	219	227	262	220	246	248	266	210
Home responsibilities	280	327	277	276	275	257	314	322	296	252	263	332	322
Think cannot get a job	189	213	277	269	303	282	269	337	317	264	308	302	324
Other reasons ¹	227	181	227	195	241	211	199	194	194	220	207	192	164

¹ Includes small number of men not looking for work because of "home responsibilities."

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-54. Persons not in the labor force by reason, sex, and age

(In thousands)

Reason and sex	Total		Age							
	|| 1992	|| 1993	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			|| 1992	|| 1993	|| 1992	|| 1993	|| 1992	|| 1993	|| 1992	|| 1993
TOTAL										
Total not in labor force	64,115	65,243	6,320	6,251	4,000	3,935	21,024	21,835	32,772	33,222
Do not want a job now	57,600	58,692	4,690	4,816	2,974	2,948	17,830	18,481	32,106	32,447
Current activity:										
Going to school	6,047	6,392	3,791	4,033	1,368	1,428	877	911	11	20
Ill, disabled	5,073	5,470	32	20	133	147	2,807	3,107	2,100	2,197
Keeping house	22,066	21,369	372	282	1,055	1,019	10,732	10,852	9,908	9,216
Retired	20,027	20,983	--	--	--	--	497	497	19,529	20,486
Other activity	4,388	4,479	495	481	418	355	2,916	3,114	558	529
Want a job now	6,516	6,551	1,629	1,435	1,026	986	3,194	3,355	666	775
Reason for not looking:										
School attendance	2,214	1,940	1,310	1,160	501	428	401	345	2	7
Ill health, disability	1,037	1,162	15	13	63	40	767	823	192	287
Home responsibility	1,193	1,267	63	53	197	233	888	929	45	51
Think cannot get a job	1,035	1,103	91	107	135	137	631	640	178	219
Job-market factors	731	720	58	70	90	96	503	475	81	79
Personal factors	303	382	32	37	46	41	128	165	98	140
Other reasons ¹	1,037	1,078	151	103	129	148	508	617	249	210
Men										
Total not in labor force	21,981	22,702	3,063	3,024	1,409	1,431	4,638	5,029	12,872	13,218
Do not want a job now	19,379	20,104	2,261	2,206	957	1,033	3,643	3,979	12,518	12,886
Current activity:										
Going to school	2,978	3,015	1,939	1,939	670	718	367	354	2	5
Ill, disabled	2,459	2,689	25	13	65	97	1,441	1,666	927	915
Keeping house	406	487	25	18	20	25	164	232	197	213
Retired	11,359	11,797	--	--	--	--	335	354	11,025	11,443
Other activity	2,177	2,115	272	237	203	194	1,336	1,375	367	310
Want a job now	2,602	2,599	802	819	451	398	995	1,050	354	332
Reason for not looking:										
School attendance	1,133	986	659	681	311	218	161	83	2	5
Ill health, disability	504	544	9	8	19	27	377	394	98	115
Think cannot get a job	511	529	50	70	79	78	281	286	101	95
Other reasons ¹	456	540	84	60	42	75	176	287	154	117
Women										
Total not in labor force	42,134	42,540	3,257	3,226	2,591	2,504	16,386	16,806	19,900	20,004
Do not want a job now	38,220	38,589	2,429	2,610	2,017	1,915	14,187	14,502	19,588	19,561
Current activity:										
Going to school	3,069	3,376	1,852	2,094	698	710	510	557	9	15
Ill, disabled	2,613	2,781	7	8	68	50	1,366	1,441	1,172	1,282
Keeping house	21,660	20,882	346	265	1,035	994	10,567	10,621	9,711	9,003
Retired	8,668	9,186	--	--	--	--	163	143	8,505	9,042
Other activity	2,211	2,364	224	244	215	161	1,580	1,740	191	219
Want a job now	3,914	3,952	828	616	575	589	2,199	2,304	312	443
Reason for not looking:										
School attendance	1,081	954	650	480	191	210	240	262	--	3
Ill health, disability	534	618	6	5	44	13	390	429	94	172
Home responsibility	1,193	1,267	63	53	197	233	888	929	45	51
Think cannot get a job	524	574	41	37	56	59	350	354	78	124
Other reasons ¹	582	538	67	43	87	73	332	330	95	93

¹ Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail in tables A-54 and A-55 may not add to not-in-labor-

force totals because of differences in the weighting patterns used in aggregating these data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-55. Persons not in the labor force by reason, race, Hispanic origin, age, and sex

(In thousands)

Reason, race, and Hispanic origin	Total		Age						Sex			
	|| 1992	|| 1993	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			|| 1992	|| 1993	|| 1992	|| 1993	|| 1992	|| 1993	|| 1992	|| 1993	|| 1992	|| 1993
WHITE												
Total not in labor force	53,722	54,385	7,610	7,510	17,021	17,442	29,091	29,433	18,195	18,722	35,526	35,663
Do not want a job now	49,064	49,596	5,713	5,786	14,825	15,062	28,526	28,748	16,303	16,826	32,761	32,770
Current activity:												
Going to school	4,479	4,723	3,847	4,058	620	647	11	18	2,176	2,245	2,302	2,477
Ill, disabled	3,929	4,210	139	123	2,190	2,331	1,601	1,756	1,935	2,122	1,993	2,088
Keeping house	19,337	18,483	1,078	1,002	9,293	9,238	8,965	8,242	305	340	19,032	18,143
Retired	17,862	18,675	--	--	436	416	17,426	18,259	10,202	10,502	7,659	8,173
Other activity	3,459	3,506	649	602	2,286	2,430	524	473	1,684	1,617	1,774	1,889
Want a job now	4,677	4,742	1,900	1,710	2,220	2,386	557	646	1,881	1,870	2,796	2,872
Reason for not looking:												
School attendance	1,535	1,344	1,310	1,107	224	230	--	7	814	669	721	674
Ill health, disability	773	899	67	32	560	631	146	236	379	416	394	483
Home responsibility	855	883	175	197	642	646	38	40	--	--	854	883
Think cannot get a job	694	736	130	166	406	390	158	180	355	359	339	377
Other reasons ¹	821	881	218	208	388	489	215	183	334	426	488	455
BLACK												
Total not in labor force	8,029	8,360	2,092	2,063	3,025	3,291	2,913	3,006	2,955	3,111	5,075	5,249
Do not want a job now	6,470	6,863	1,446	1,468	2,209	2,482	2,815	2,913	2,319	2,525	4,151	4,338
Current activity:												
Going to school	1,013	1,165	888	1,025	125	137	--	3	485	522	528	643
Ill, disabled	1,008	1,083	23	43	547	667	438	373	461	474	546	609
Keeping house	2,035	2,060	304	227	984	1,084	747	748	88	125	1,947	1,935
Retired	1,659	1,820	--	--	52	73	1,606	1,748	886	1,007	772	814
Other activity	756	735	232	173	501	521	23	41	399	397	357	338
Want a job now	1,559	1,497	645	595	815	808	99	94	635	586	924	911
Reason for not looking:												
School attendance	543	485	415	388	126	97	2	--	263	249	280	236
Ill health, disability	230	219	6	19	182	161	43	39	113	104	117	115
Home responsibility	294	320	77	75	212	236	6	9	--	--	294	320
Think cannot get a job	301	312	90	72	192	210	19	31	142	139	159	173
Other reasons ¹	191	161	57	41	104	105	30	16	117	95	74	66
HISPANIC ORIGIN												
Total not in labor force	5,048	5,393	1,351	1,454	2,363	2,470	1,335	1,469	1,475	1,608	3,573	3,785
Do not want a job now	4,364	4,518	1,064	1,143	1,996	1,972	1,304	1,403	1,143	1,281	3,221	3,237
Current activity:												
Going to school	685	770	608	708	77	57	--	5	286	340	399	430
Ill, disabled	454	456	15	12	315	311	124	132	233	242	221	213
Keeping house	2,149	2,137	334	348	1,344	1,331	471	458	39	58	2,110	2,079
Retired	704	784	--	--	6	10	698	774	389	453	315	330
Other activity	372	372	107	75	253	263	11	34	196	187	175	184
Want a job now	710	822	295	299	372	461	42	61	291	270	419	551
Reason for not looking:												
School attendance	219	199	195	141	24	54	--	5	129	65	89	134
Ill health, disability	115	129	10	5	93	94	13	29	67	80	48	49
Home responsibility	157	198	41	52	111	143	5	3	--	--	157	198
Think cannot get a job	134	138	28	37	89	91	17	11	58	60	76	78
Other reasons ¹	85	158	22	65	56	79	8	13	36	65	49	93

¹ Includes small number of men not looking for work because of "home responsibilities."

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-56. Persons not in the labor force who desire work but think cannot get jobs by reason, sex, age, race, and Hispanic origin

(in thousands)

Reason and sex	2nd Quarter 1993							
	Total	Age				Race and Hispanic origin		
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black	Hispanic origin
TOTAL								
Personal factors:								
Employers think too young or old	177	14	--	32	130	144	24	11
Lacks education or training	135	17	28	90	--	75	51	19
Other personal handicap	71	5	14	43	9	58	11	13
Job-market factors:								
Could not find work	423	53	50	293	28	246	157	66
Thinks no job available	297	17	46	183	51	212	69	30
Men								
Personal factors:								
Employers think too young or old	84	11	--	21	53	71	10	5
Lacks education or training	59	8	19	32	--	31	27	9
Other personal handicap	24	3	6	14	--	21	3	1
Job-market factors:								
Could not find work	205	36	39	119	11	120	72	27
Thinks no job available	158	13	15	99	31	117	27	18
Women								
Personal factors:								
Employers think too young or old	93	4	--	11	78	73	15	6
Lacks education or training	77	9	9	58	--	44	23	10
Other personal handicap	47	2	7	28	9	37	8	12
Job-market factors:								
Could not find work	218	17	11	174	17	127	85	39
Thinks no job available	139	5	31	83	20	95	42	11

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-57. Work-seeking intentions of persons not in the labor force and work history of those who intend to seek work within the next 12 months by sex, age, and race

(In thousands)

Work-seeking intentions, work history, and sex	Total		Age						Race			
	|| 1992	|| 1993	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			|| 1992	|| 1993	|| 1992	|| 1993	|| 1992	|| 1993	|| 1992	|| 1993	|| 1992	|| 1993
TOTAL												
Do not intend to seek work	55,335	56,209	6,055	6,132	17,074	17,486	32,206	32,590	47,031	47,629	6,360	6,493
Intend to seek work in the next 12 months	8,781	9,034	4,264	4,053	3,950	4,349	566	632	6,710	6,709	1,670	1,867
Never worked	1,648	1,800	1,476	1,592	169	192	2	15	1,134	1,155	408	523
Last worked over 5 years ago	974	1,190	43	76	756	909	176	205	709	870	233	268
Last worked 1 to 5 years ago	2,303	2,478	702	587	1,425	1,636	176	255	1,715	1,853	486	510
Worked during the previous 12 months	3,856	3,565	2,043	1,797	1,600	1,612	213	157	3,151	2,831	543	566
Men												
Do not intend to seek work	18,535	19,212	2,436	2,455	3,545	3,823	12,554	12,934	15,531	16,119	2,306	2,417
Intend to seek work in the next 12 months	3,446	3,490	2,035	2,000	1,093	1,206	318	284	2,653	2,577	648	694
Never worked	751	848	726	790	25	51	--	6	530	559	187	220
Last worked over 5 years ago	247	308	16	29	148	201	82	79	185	215	52	77
Last worked 1 to 5 years ago	752	780	268	232	394	432	90	116	559	578	159	161
Worked during the previous 12 months	1,697	1,555	1,026	949	526	522	146	83	1,378	1,226	250	236
Women												
Do not intend to seek work	36,800	36,997	3,619	3,678	13,529	13,663	19,652	19,656	31,500	31,510	4,053	4,076
Intend to seek work in the next 12 months	5,334	5,544	2,229	2,053	2,857	3,143	249	348	4,057	4,132	1,021	1,173
Never worked	897	952	751	802	144	141	2	9	604	596	221	302
Last worked over 5 years ago	727	882	26	48	607	708	93	126	524	655	181	191
Last worked 1 to 5 years ago	1,552	1,698	434	355	1,031	1,204	86	139	1,157	1,275	327	350
Worked during the previous 12 months	2,159	2,011	1,017	848	1,074	1,089	68	74	1,773	1,606	293	329

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-58. 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	
	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL								
Civilian noninstitutional population	191,310	193,288	162,486	163,751	21,909	22,281	15,184	15,682
Civilian labor force	127,195	128,046	108,764	109,366	13,880	13,921	10,136	10,288
Percent of population	66.5	66.2	66.9	66.8	63.4	62.5	66.8	65.6
Employed	117,792	119,215	101,761	102,830	11,855	12,017	9,017	9,262
Agriculture	3,393	3,225	3,180	2,999	153	151	507	467
Nonagricultural industries	114,398	115,989	98,581	99,832	11,702	11,866	8,510	8,795
Unemployed	9,403	8,831	7,003	6,536	2,025	1,904	1,119	1,026
Unemployment rate	7.4	6.9	6.4	6.0	14.6	13.7	11.0	10.0
Not in labor force	64,115	65,243	53,722	54,385	8,029	8,360	5,048	5,393
Men, 16 years and over								
Civilian noninstitutional population	91,393	92,482	78,251	78,986	9,863	10,053	7,539	7,790
Civilian labor force	69,412	69,779	60,055	60,264	6,908	6,942	6,064	6,182
Percent of population	75.9	75.5	76.7	76.3	70.0	69.1	80.4	79.4
Employed	63,986	64,764	55,920	56,518	5,825	5,903	5,362	5,563
Agriculture	2,660	2,563	2,476	2,367	135	139	443	416
Nonagricultural industries	61,327	62,201	53,444	54,151	5,690	5,764	4,918	5,147
Unemployed	5,426	5,015	4,136	3,746	1,083	1,039	702	619
Unemployment rate	7.8	7.2	6.9	6.2	15.7	15.0	11.6	10.0
Not in labor force	21,981	22,702	18,195	18,722	2,955	3,111	1,475	1,608
Men, 20 years and over								
Civilian noninstitutional population	84,756	85,806	72,942	73,631	8,835	9,012	6,786	7,023
Civilian labor force	65,837	66,128	56,992	57,184	6,499	6,488	5,694	5,803
Percent of population	77.7	77.1	78.1	77.7	73.6	72.0	83.9	82.6
Employed	61,231	61,933	53,459	54,022	5,608	5,653	5,103	5,284
Agriculture	2,467	2,341	2,287	2,162	131	126	416	392
Nonagricultural industries	58,764	59,592	51,171	51,860	5,478	5,527	4,687	4,892
Unemployed	4,606	4,195	3,533	3,161	891	835	591	518
Unemployment rate	7.0	6.3	6.2	5.5	13.7	12.9	10.4	8.9
Not in labor force	18,919	19,678	15,950	16,447	2,336	2,523	1,092	1,220
Women, 16 years and over								
Civilian noninstitutional population	99,917	100,807	84,235	84,765	12,046	12,228	7,645	7,892
Civilian labor force	57,783	58,267	48,708	49,102	6,972	6,979	4,073	4,106
Percent of population	57.8	57.8	57.8	57.9	57.9	57.1	53.3	52.0
Employed	53,805	54,450	45,841	46,312	6,029	6,114	3,656	3,699
Agriculture	734	662	704	632	17	12	64	51
Nonagricultural industries	53,071	53,788	45,138	45,680	6,012	6,102	3,592	3,648
Unemployed	3,977	3,816	2,867	2,790	942	865	417	408
Unemployment rate	6.9	6.5	5.9	5.7	13.5	12.4	10.2	9.9
Not in labor force	42,134	42,540	35,526	35,663	5,075	5,249	3,573	3,785
Women, 20 years and over								
Civilian noninstitutional population	93,405	94,264	79,051	79,565	11,003	11,178	6,911	7,142
Civilian labor force	54,528	54,950	45,944	46,267	6,592	6,620	3,798	3,856
Percent of population	58.4	58.3	58.1	58.2	59.9	59.2	55.0	54.0
Employed	51,217	51,786	43,564	43,944	5,799	5,916	3,454	3,515
Agriculture	687	627	658	598	17	12	61	44
Nonagricultural industries	50,531	51,159	42,907	43,346	5,782	5,904	3,393	3,471
Unemployed	3,311	3,164	2,380	2,324	794	703	344	341
Unemployment rate	6.1	5.8	5.2	5.0	12.0	10.6	9.1	8.8
Not in labor force	38,877	39,314	33,107	33,298	4,411	4,559	3,113	3,287
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,149	13,218	10,492	10,555	2,071	2,090	1,487	1,517
Civilian labor force	6,829	6,967	5,828	5,916	788	813	644	630
Percent of population	51.9	52.7	55.5	56.0	38.1	38.9	43.3	41.6
Employed	5,343	5,496	4,738	4,864	448	447	461	463
Agriculture	240	257	235	239	5	13	30	31
Nonagricultural industries	5,103	5,238	4,503	4,626	443	434	430	432
Unemployed	1,486	1,471	1,090	1,051	340	365	184	168
Unemployment rate	21.8	21.1	18.7	17.8	43.2	45.0	28.5	26.6
Not in labor force	6,320	6,251	4,664	4,640	1,283	1,278	843	886

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-59. Employment status of civilians of Mexican, Puerto Rican, and Cuban origin by sex and age

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993
TOTAL								
Civilian noninstitutional population	15,184	15,682	9,231	9,586	1,628	1,687	841	905
Civilian labor force	10,136	10,288	6,263	6,350	933	963	523	550
Percent of population	66.8	65.6	67.8	66.2	57.3	57.1	62.3	60.7
Employed	9,017	9,262	5,551	5,748	819	849	479	505
Agriculture	507	467	460	402	8	12	5	3
Nonagricultural industries	8,510	8,795	5,091	5,346	811	837	474	502
Unemployed	1,119	1,026	712	602	114	115	44	45
Unemployment rate	11.0	10.0	11.4	9.5	12.2	11.9	8.5	8.2
Not in labor force	5,048	5,393	2,968	3,236	694	723	317	355
Men, 16 years and over								
Civilian noninstitutional population	7,539	7,790	4,750	4,896	750	762	407	424
Civilian labor force	6,064	6,182	3,890	3,947	512	535	304	313
Percent of population	80.4	79.4	81.9	80.6	68.3	70.3	74.6	73.8
Employed	5,362	5,563	3,432	3,568	439	465	283	289
Agriculture	443	416	403	355	8	11	3	1
Nonagricultural industries	4,918	5,147	3,029	3,213	431	454	280	287
Unemployed	702	619	459	379	73	70	21	25
Unemployment rate	11.6	10.0	11.8	9.6	14.3	13.1	6.8	7.9
Not in labor force	1,475	1,608	859	949	238	226	103	111
Men, 20 years and over								
Civilian noninstitutional population	6,786	7,023	4,258	4,386	662	668	388	409
Civilian labor force	5,694	5,803	3,631	3,680	484	496	293	304
Percent of population	83.9	82.6	85.3	83.9	73.2	74.3	75.7	74.3
Employed	5,103	5,284	3,254	3,366	422	441	275	282
Agriculture	416	392	380	336	8	9	3	1
Nonagricultural industries	4,687	4,892	2,874	3,030	414	432	272	280
Unemployed	591	518	377	315	62	55	18	22
Unemployment rate	10.4	8.9	10.4	8.5	12.8	11.0	6.1	7.3
Not in labor force	1,092	1,220	626	706	178	172	94	105
Women, 16 years and over								
Civilian noninstitutional population	7,645	7,892	4,481	4,690	878	925	434	481
Civilian labor force	4,073	4,106	2,373	2,403	421	428	220	236
Percent of population	53.3	52.0	53.0	51.2	48.0	46.3	50.6	49.2
Employed	3,656	3,699	2,119	2,180	380	384	196	216
Agriculture	64	51	58	47	—	1	1	1
Nonagricultural industries	3,592	3,648	2,062	2,133	380	383	195	215
Unemployed	417	408	254	223	41	44	24	20
Unemployment rate	10.2	9.9	10.7	9.3	9.7	10.3	10.8	8.6
Not in labor force	3,573	3,785	2,108	2,287	457	497	214	244
Women, 20 years and over								
Civilian noninstitutional population	6,911	7,142	4,009	4,184	783	837	415	453
Civilian labor force	3,798	3,856	2,185	2,233	397	401	213	227
Percent of population	55.0	54.0	54.5	53.4	50.7	47.9	51.5	50.0
Employed	3,454	3,515	1,986	2,047	360	369	191	209
Agriculture	61	44	55	42	—	1	1	1
Nonagricultural industries	3,393	3,471	1,931	2,005	360	368	190	208
Unemployed	344	341	199	186	37	32	22	18
Unemployment rate	9.1	8.8	9.1	8.3	9.3	8.1	10.5	7.8
Not in labor force	3,113	3,287	1,825	1,951	386	436	201	227
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,487	1,517	964	1,016	183	182	38	43
Civilian labor force	644	630	447	437	52	66	17	19
Percent of population	43.3	41.6	46.4	43.1	28.5	36.4	(²)	(²)
Employed	461	463	311	336	37	39	13	14
Agriculture	30	31	26	24	—	2	—	—
Nonagricultural industries	430	432	285	312	37	36	12	14
Unemployed	184	168	137	101	15	28	4	5
Unemployment rate	28.5	26.6	30.5	23.2	(²)	41.6	(²)	(²)
Not in labor force	843	886	517	578	131	116	22	23

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.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-60. Employed civilians by selected social and economic categories, race, and Hispanic origin

(In thousands)

Category	Total		White		Black		Hispanic origin	
	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993
CHARACTERISTIC								
Total (all civilian workers)	117,792	119,215	101,761	102,830	11,855	12,017	9,017	9,262
Men	63,986	64,764	55,920	56,518	5,825	5,903	5,362	5,563
Women	53,805	54,450	45,841	46,312	6,029	6,114	3,656	3,699
OCCUPATION								
Managerial and professional specialty	31,040	31,971	27,902	28,613	1,976	2,123	1,191	1,341
Executive, administrative, and managerial	14,836	15,336	13,516	13,859	838	937	594	716
Professional specialty	16,205	16,634	14,386	14,754	1,138	1,186	596	625
Technical, sales, and administrative support	37,123	36,908	32,427	32,123	3,372	3,397	2,286	2,296
Technicians and related support	4,325	4,093	3,707	3,519	395	372	200	201
Sales occupations	14,062	14,290	12,746	12,894	830	898	789	830
Administrative support, including clerical	18,736	18,525	15,975	15,710	2,148	2,128	1,298	1,264
Service occupations	16,068	16,562	12,600	13,026	2,775	2,842	1,849	1,823
Private household	852	885	678	684	144	169	196	199
Protective service	2,059	2,183	1,628	1,745	374	390	163	138
Service, except private household and protective	13,157	13,494	10,294	10,596	2,258	2,283	1,490	1,485
Precision production, craft, and repair	13,079	13,291	11,739	11,934	977	948	1,191	1,236
Mechanics and repairers	4,390	4,354	3,970	3,908	316	307	329	341
Construction trades	4,854	5,038	4,419	4,606	339	326	471	491
Other precision production, craft, and repair	3,835	3,898	3,350	3,420	323	315	391	404
Operators, fabricators, and laborers	16,854	16,951	13,756	13,909	2,549	2,484	1,954	2,056
Machine operators, assemblers, and inspectors	7,555	7,346	6,087	5,947	1,141	1,091	1,009	1,016
Transportation and material moving occupations	4,838	4,993	4,024	4,179	726	698	391	419
Handlers, equipment cleaners, helpers, and laborers	4,461	4,612	3,646	3,782	682	694	554	621
Construction laborers	668	649	576	550	77	77	116	114
Other handlers, equipment cleaners, helpers, and laborers	3,793	3,963	3,070	3,232	605	618	438	506
Farming, forestry, and fishing	3,627	3,532	3,337	3,226	205	222	546	511
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,830	1,715	1,674	1,557	118	109	449	404
Self-employed workers	1,435	1,389	1,379	1,324	34	42	56	64
Unpaid family workers	128	120	126	118	-	-	2	-
Nonagricultural industries:								
Wage and salary workers	105,582	106,671	90,500	91,318	11,303	11,443	8,061	8,292
Government	17,867	18,494	14,628	14,977	2,645	2,837	1,009	1,114
Private industries	87,715	88,177	75,872	76,341	8,658	8,606	7,052	7,178
Private households	1,116	1,084	854	846	221	203	227	226
Other industries	86,599	87,093	75,018	75,495	8,437	8,403	6,825	6,952
Self-employed workers	8,556	9,117	7,847	8,343	395	419	437	494
Unpaid family workers	261	202	234	170	3	4	13	9
FULL- AND PART-TIME STATUS¹								
Full-time schedules	95,369	96,421	82,171	82,921	9,782	9,938	7,316	7,484
Part time for economic reasons	6,228	6,367	5,078	5,205	915	933	832	897
Part time for noneconomic reasons	16,195	16,427	14,512	14,705	1,157	1,146	868	881

¹ Employed persons with a job but not at work are distributed according to whether they usually work full or part time.

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-61. Employed civilians of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories

(In thousands)

Category	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993
CHARACTERISTIC								
Total (all civilian workers)	9,017	9,262	5,551	5,748	819	849	479	505
Men	5,362	5,563	3,432	3,568	439	465	283	289
Women	3,656	3,699	2,119	2,180	380	384	196	216
OCCUPATION								
Managerial and professional specialty	1,191	1,341	582	663	155	172	132	141
Executive, administrative, and managerial	594	716	295	357	68	82	77	70
Professional specialty	596	625	287	306	87	89	55	71
Technical, sales, and administrative support	2,286	2,296	1,347	1,320	251	276	151	167
Technicians and related support	200	201	106	108	22	23	17	18
Sales occupations	789	830	451	484	64	77	63	57
Administrative support, including clerical	1,298	1,264	789	728	164	175	70	92
Service occupations	1,849	1,823	1,054	1,088	173	167	54	70
Private household	196	199	82	100	2	6	1	1
Protective service	163	138	87	81	39	29	7	7
Service, except private household and protective	1,490	1,485	884	906	132	132	46	62
Precision production, craft, and repair	1,191	1,236	795	860	86	80	57	45
Mechanics and repairers	329	341	207	228	31	31	19	11
Construction trades	471	491	338	352	20	20	21	20
Other precision production, craft, and repair	391	404	250	279	35	29	17	14
Operators, fabricators, and laborers	1,954	2,056	1,291	1,390	142	139	78	77
Machine operators, assemblers, and inspectors	1,009	1,016	664	664	73	69	34	30
Transportation and material moving occupations	391	419	241	272	30	33	21	29
Handlers, equipment cleaners, helpers, and laborers	554	621	385	454	39	37	23	18
Construction laborers	116	114	81	84	7	5	4	3
Other handlers, equipment cleaners, helpers, and laborers	438	506	303	370	31	33	20	15
Farming, forestry, and fishing	546	511	483	428	13	15	7	4
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	449	404	418	361	7	11	2	1
Self-employed workers	56	64	42	40	2	1	3	1
Unpaid family workers	2	-	1	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	8,061	8,292	4,833	5,077	798	806	433	450
Government	1,009	1,114	607	684	151	172	51	47
Private industries	7,052	7,178	4,226	4,393	647	634	382	403
Private households	227	226	94	115	4	6	2	2
Other industries	6,825	6,952	4,132	4,278	643	628	380	401
Self-employed workers	437	494	250	263	13	30	41	52
Unpaid family workers	13	9	8	7	1	1	-	-
FULL- AND PART-TIME STATUS²								
Full-time schedules	7,316	7,484	4,445	4,589	709	723	412	427
Part time for economic reasons	832	897	546	605	43	48	24	16
Part time for noneconomic reasons	868	881	559	554	68	78	43	61

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

² Employed persons with a job but not at work are distributed according to whether they usually work full or part time.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-62. Employed civilians by sex, age, race, and Hispanic origin

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993
Total, 16 years and over	117,792	119,215	101,761	102,830	11,855	12,017	9,017	9,262
16 to 19 years	5,343	5,496	4,738	4,864	448	447	461	463
16 to 17 years	2,014	2,083	1,821	1,872	136	146	139	103
18 to 19 years	3,329	3,413	2,917	2,993	312	301	321	360
20 to 24 years	12,174	12,194	10,516	10,436	1,243	1,296	1,299	1,233
25 years and over	100,275	101,524	86,507	87,530	10,164	10,273	7,258	7,566
25 to 54 years	85,488	86,736	73,448	74,419	8,836	9,005	6,549	6,857
55 years and over	14,786	14,789	13,059	13,111	1,328	1,268	709	709
Men, 16 years and over	63,986	64,764	55,920	56,518	5,825	5,903	5,362	5,563
16 to 19 years	2,756	2,832	2,461	2,496	217	250	259	279
16 to 17 years	1,046	1,092	962	981	63	80	80	59
18 to 19 years	1,710	1,740	1,499	1,515	154	170	179	220
20 to 24 years	6,367	6,353	5,492	5,471	642	633	776	766
25 years and over	54,864	55,580	47,967	48,552	4,966	5,021	4,327	4,519
25 to 54 years	46,410	47,226	40,435	41,063	4,273	4,386	3,915	4,126
55 years and over	8,454	8,354	7,532	7,489	692	635	412	393
Women, 16 years and over	53,805	54,450	45,841	46,312	6,029	6,114	3,656	3,699
16 to 19 years	2,588	2,664	2,277	2,369	231	198	202	184
16 to 17 years	968	991	859	891	73	66	59	44
18 to 19 years	1,620	1,673	1,417	1,478	158	131	142	140
20 to 24 years	5,807	5,841	5,024	4,965	600	664	523	467
25 years and over	45,411	45,945	38,541	38,978	5,198	5,253	2,931	3,048
25 to 54 years	39,079	39,510	33,013	33,356	4,563	4,619	2,634	2,732
55 years and over	6,332	6,435	5,527	5,622	635	634	297	316

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-63. Unemployment rates by sex, age, race, and Hispanic origin

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin	
	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993
Total, 16 years and over	7.4	6.9	6.4	6.0	14.6	13.7	11.0	10.0
16 to 19 years	21.8	21.1	18.7	17.8	43.2	45.0	28.5	26.6
16 to 17 years	26.2	24.6	22.9	21.7	51.4	48.2	37.3	40.0
18 to 19 years	18.8	18.8	15.9	15.1	38.7	43.3	23.9	21.6
20 to 24 years	11.5	11.0	9.4	9.0	25.4	23.9	11.0	11.7
25 years and over	5.9	5.5	5.3	4.8	11.0	9.9	9.6	8.4
25 to 54 years	6.1	5.7	5.4	5.0	11.7	10.3	9.6	8.6
55 years and over	4.8	4.1	4.5	3.7	6.7	7.0	10.0	6.5
Men, 16 years and over	7.8	7.2	6.9	6.2	15.7	15.0	11.6	10.0
16 to 19 years	22.9	22.4	19.7	19.0	46.9	45.0	30.0	26.5
16 to 17 years	27.2	26.1	23.6	22.6	55.9	51.1	38.3	40.3
18 to 19 years	20.0	20.0	16.9	16.4	42.1	41.5	25.5	21.6
20 to 24 years	12.3	11.7	10.6	9.8	25.3	24.9	13.0	11.0
25 years and over	6.3	5.7	5.7	5.0	11.9	11.1	9.9	8.6
25 to 54 years	6.5	5.9	5.8	5.2	12.4	11.2	9.6	8.6
55 years and over	5.4	4.5	4.9	3.8	9.2	9.9	12.4	8.7
Women, 16 years and over	6.9	6.5	5.9	5.7	13.5	12.4	10.2	9.9
16 to 19 years	20.5	19.7	17.6	16.4	39.2	44.9	26.5	26.8
16 to 17 years	25.0	23.0	22.0	20.7	46.7	44.1	35.9	39.6
18 to 19 years	17.5	17.6	14.8	13.6	34.9	45.3	21.8	21.6
20 to 24 years	10.5	10.1	8.2	8.1	25.5	22.9	8.0	12.8
25 years and over	5.5	5.2	4.8	4.6	10.2	8.8	9.3	8.2
25 to 54 years	5.7	5.4	4.9	4.8	11.0	9.4	9.6	8.7
55 years and over	4.1	3.6	4.1	3.6	3.8	3.8	6.5	3.8

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-64. Unemployed persons by duration of unemployment, race, and Hispanic origin

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993
DURATION								
Total, 16 years and over	9,403	8,831	7,003	6,536	2,025	1,904	1,119	1,026
Less than 5 weeks	3,459	3,380	2,532	2,499	774	735	446	393
5 to 14 weeks	2,381	2,265	1,775	1,670	504	497	282	260
15 weeks and over	3,563	3,187	2,696	2,368	747	672	391	373
15 to 26 weeks	1,550	1,406	1,177	1,052	325	296	166	161
27 weeks and over	2,013	1,781	1,519	1,316	422	376	225	212
Average (mean) duration, in weeks	18.4	18.1	18.5	18.1	18.4	17.8	16.6	17.7
Median duration, in weeks	8.8	8.3	9.1	8.3	8.4	8.1	8.0	8.5
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	36.8	38.3	36.2	38.2	38.2	38.6	39.9	38.3
5 to 14 weeks	25.3	25.6	25.3	25.5	24.9	26.1	25.2	25.4
15 weeks and over	37.9	36.1	38.5	36.2	36.9	35.3	34.9	36.3
15 to 26 weeks	16.5	15.9	16.8	16.1	16.0	15.5	14.8	15.7
27 weeks and over	21.4	20.2	21.7	20.1	20.9	19.8	20.1	20.7

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

A-65. Unemployed persons by reason for unemployment, race, and Hispanic origin

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993
NUMBER OF UNEMPLOYED								
Total, 16 years and over	9,403	8,831	7,003	6,536	2,025	1,904	1,119	1,026
Job losers	5,224	4,650	4,040	3,568	999	907	686	599
On layoff	1,119	994	957	839	130	134	122	98
Other job losers	4,105	3,657	3,084	2,729	869	773	565	501
Job leavers	944	916	723	715	185	158	91	119
Reentrants	2,208	2,237	1,563	1,569	556	569	217	185
New entrants	1,028	1,027	677	684	285	270	125	124
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	55.6	52.7	57.7	54.6	49.3	47.7	61.3	58.3
On layoff	11.9	11.3	13.7	12.8	6.4	7.1	10.9	9.6
Other job losers	43.7	41.4	44.0	41.7	42.9	40.6	50.5	48.8
Job leavers	10.0	10.4	10.3	10.9	9.2	8.3	8.1	11.6
Reentrants	23.5	25.3	22.3	24.0	27.4	29.9	19.4	18.0
New entrants	10.9	11.6	9.7	10.5	14.1	14.2	11.2	12.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	4.1	3.6	3.7	3.3	7.2	6.5	6.8	5.8
Job leavers .....	.7	.7	.7	.7	1.3	1.1	.9	1.2
Reentrants	1.7	1.7	1.4	1.4	4.0	4.1	2.1	1.8
New entrants .....	.8	.8	.6	.6	2.1	1.9	1.2	1.2

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-66. 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 1992	II 1993	Total		Employed		Unemployed			
			II 1992	II 1993	II 1992	II 1993	Number		Percent of labor force	
							II 1992	II 1993	II 1992	II 1993
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,856	7,912	7,075	7,091	6,710	6,736	366	354	5.2	5.0
35 to 49 years	6,295	5,986	5,919	5,619	5,610	5,318	309	301	5.2	5.4
35 to 39 years	962	757	896	705	843	645	52	60	5.8	8.5
40 to 44 years	2,736	2,322	2,577	2,191	2,442	2,080	135	111	5.2	5.1
45 to 49 years	2,597	2,907	2,447	2,723	2,324	2,593	122	130	5.0	4.8
50 years and over	1,561	1,926	1,156	1,472	1,100	1,418	56	54	4.9	3.6
NONVETERANS										
Total, 35 to 49 years	19,162	20,232	17,857	18,806	16,844	17,834	1,013	971	5.7	5.2
35 to 39 years	8,628	8,981	8,170	8,462	7,669	8,017	500	445	6.1	5.3
40 to 44 years	6,165	6,713	5,727	6,259	5,438	5,941	288	318	5.0	5.1
45 to 49 years	4,370	4,539	3,961	4,085	3,737	3,877	224	209	5.7	5.1

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 35 to 49 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

A-67. 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 1992	II 1993	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993	II 1992	II 1993
Total, 35 to 49 years												
Civilian noninstitutional population	5,647	5,354	556	537	243	190	16,401	17,283	1,919	2,012	1,757	1,994
Civilian labor force	5,340	5,054	495	478	232	177	15,444	16,262	1,632	1,702	1,575	1,806
Employed	5,077	4,798	454	440	215	166	14,659	15,518	1,442	1,532	1,427	1,639
Unemployed	262	256	41	37	16	11	785	744	191	170	148	166
Unemployment rate	4.9	5.1	8.2	7.8	6.9	6.4	5.1	4.6	11.7	10.0	9.4	9.2
35 to 39 years												
Civilian noninstitutional population	821	669	123	78	54	38	7,434	7,699	844	913	810	882
Civilian labor force	765	626	113	70	52	33	7,096	7,331	745	800	741	817
Employed	718	576	109	63	49	32	6,706	6,992	650	716	671	727
Unemployed	47	51	4	7	3	1	390	338	95	84	70	90
Unemployment rate	6.1	8.1	3.8	10.4	(¹)	(¹)	5.5	4.6	12.7	10.5	9.5	11.0
40 to 44 years												
Civilian noninstitutional population	2,450	2,050	249	230	106	74	5,245	5,728	627	662	567	641
Civilian labor force	2,321	1,948	221	205	99	69	4,936	5,416	526	551	524	589
Employed	2,212	1,856	199	187	90	63	4,712	5,170	474	495	489	551
Unemployed	109	91	23	18	9	6	224	247	52	56	35	38
Unemployment rate	4.7	4.7	10.3	8.9	9.0	8.6	4.5	4.6	9.9	10.1	6.6	6.4
45 to 49 years												
Civilian noninstitutional population	2,376	2,634	184	229	83	78	3,722	3,856	448	437	380	472
Civilian labor force	2,254	2,480	161	202	80	75	3,411	3,515	362	350	310	399
Employed	2,147	2,366	147	190	76	71	3,240	3,356	318	320	268	361
Unemployed	106	114	14	12	4	5	170	159	44	31	43	38
Unemployment rate	4.7	4.6	8.5	5.9	5.3	6.0	5.0	4.5	12.2	8.8	13.7	9.6

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

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; published data are limited to those 35 to 49 years of age, the group that most closely corresponds

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-68. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Type of family, race, and Hispanic origin	II 1992					II 1993				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	Percent of families:		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	66,757	6,667	29.5	70.5	62.3	67,362	6,284	29.0	71.0	63.2
With children under 18 years of age	32,568	3,700	33.3	66.7	58.7	32,986	3,516	32.8	67.2	60.1
Married-couple families	51,873	4,575	19.8	80.2	71.9	51,959	4,225	17.6	82.4	74.5
With children under 18 years of age	24,189	2,609	19.5	80.5	71.8	24,176	2,427	17.1	82.9	75.2
Families maintained by women	11,626	1,644	52.9	47.1	38.6	12,102	1,604	54.2	45.8	38.0
With children under 18 years of age	6,990	932	67.0	33.0	26.3	7,340	896	67.6	32.4	26.5
Families maintained by men	3,258	448	42.2	57.8	51.6	3,302	455	46.4	53.6	47.3
With children under 18 years of age	1,389	159	63.5	36.5	33.3	1,469	193	68.4	31.6	28.0
White										
Total families	56,957	5,052	26.6	73.4	64.8	57,196	4,744	25.4	74.6	66.2
With children under 18 years of age	26,944	2,766	29.8	70.2	61.5	27,125	2,616	28.1	71.9	63.6
Married-couple families	46,708	3,833	20.2	79.8	71.6	46,708	3,534	17.4	82.6	74.4
With children under 18 years of age	21,387	2,157	20.0	80.0	70.9	21,342	2,001	17.4	82.6	74.2
Families maintained by women	7,680	888	48.5	51.5	40.9	7,919	882	51.2	48.8	39.6
With children under 18 years of age	4,441	488	64.1	35.9	27.0	4,601	470	62.1	37.9	29.1
Families maintained by men	2,569	331	42.6	57.4	51.4	2,568	328	43.0	57.0	49.1
With children under 18 years of age	1,116	122	66.1	33.9	32.2	1,182	145	64.8	35.2	29.7
Black										
Total families	7,590	1,344	40.8	59.2	52.3	7,763	1,269	42.8	57.2	51.6
With children under 18 years of age	4,388	779	45.8	54.2	48.9	4,509	755	49.7	50.3	47.0
Married-couple families	3,486	559	18.6	81.4	73.3	3,457	501	18.6	81.4	75.8
With children under 18 years of age	1,828	337	16.3	83.7	77.2	1,801	316	15.2	84.8	80.1
Families maintained by women	3,569	694	58.4	41.6	35.7	3,751	660	59.0	41.0	35.1
With children under 18 years of age	2,339	410	69.5	30.5	26.1	2,476	399	74.2	25.8	23.1
Families maintained by men	535	91	42.9	57.1	50.5	555	108	56.0	44.0	41.3
With children under 18 years of age	221	32	(¹)	(¹)	(¹)	231	40	(¹)	(¹)	(¹)
Hispanic origin										
Total families	5,141	791	34.1	65.9	58.3	5,337	757	30.1	69.9	61.3
With children under 18 years of age	3,337	531	39.0	61.0	53.3	3,396	516	32.8	67.2	59.3
Married-couple families	3,479	542	28.0	72.0	65.3	3,636	522	19.9	80.1	71.3
With children under 18 years of age	2,326	388	28.9	71.1	63.7	2,353	382	20.7	79.3	71.5
Families maintained by women	1,211	174	49.1	50.9	40.0	1,292	164	55.2	44.8	35.2
With children under 18 years of age	829	116	65.2	34.8	25.2	861	97	65.3	34.7	25.5
Families maintained by men	451	74	43.2	56.8	50.0	409	71	46.5	53.5	47.9
With children under 18 years of age	182	27	(¹)	(¹)	(¹)	182	37	(¹)	(¹)	(¹)

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

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-69. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	II 1992				II 1993			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed in families ¹	7,495	30.8	69.2	61.0	7,051	30.3	69.7	62.1
Husbands	1,883	34.3	65.7	51.9	1,687	31.8	68.2	55.3
With children under 18 years of age	1,140	37.9	62.1	47.0	1,048	33.7	66.3	52.7
Wives	1,401	19.1	80.9	76.2	1,292	16.0	84.0	78.9
With children under 18 years of age	846	16.5	83.5	79.0	763	15.1	84.9	80.3
Relatives in married-couple families	1,837	10.5	89.5	84.4	1,749	10.8	89.2	84.8
Women who maintain families	704	84.6	15.4	9.3	714	84.7	15.3	10.1
With children under 18 years of age	600	91.7	8.3	4.6	583	91.8	8.2	3.4
Relatives in families maintained by women	1,159	33.4	66.6	56.5	1,125	33.0	67.0	57.3
Men who maintain families	219	66.4	33.6	28.5	212	74.2	25.8	20.2
With children under 18 years of age	110	89.4	10.6	9.4	129	93.5	6.5	3.8
Relatives in families maintained by men	292	26.4	73.6	67.5	271	25.7	74.3	67.3
White								
Total unemployed in families ¹	5,554	28.0	72.0	63.7	5,205	27.0	73.0	64.8
Husbands	1,600	34.7	65.3	50.8	1,407	32.0	68.0	54.0
With children under 18 years of age	944	38.7	61.3	44.9	853	34.7	65.3	50.0
Wives	1,178	19.0	81.0	77.1	1,097	15.4	84.6	80.0
With children under 18 years of age	697	16.0	84.0	80.2	635	15.7	84.3	80.7
Relatives in married-couple families	1,442	10.1	89.9	85.7	1,397	9.9	90.1	85.7
Women who maintain families	377	79.4	20.6	12.3	384	79.9	20.1	11.8
With children under 18 years of age	314	89.4	10.6	5.7	297	87.8	12.2	3.7
Relatives in families maintained by women	586	28.2	71.8	59.7	577	32.6	67.4	56.9
Men who maintain families	169	66.7	33.3	27.1	155	71.3	28.7	21.7
With children under 18 years of age	88	90.0	10.0	8.5	94	92.5	7.5	3.7
Relatives in families maintained by men	202	25.5	74.5	69.1	188	21.0	79.0	70.2
Black								
Total unemployed in families ¹	1,623	41.3	58.7	51.4	1,528	42.1	57.9	52.1
Husbands	200	34.4	65.6	58.2	188	29.6	70.4	64.1
With children under 18 years of age	138	34.6	65.4	57.4	138	29.2	70.8	65.6
Wives	163	20.6	79.4	69.5	130	21.9	78.1	69.6
With children under 18 years of age	112	18.1	81.9	73.1	91	15.7	84.3	75.2
Relatives in married-couple families	323	12.4	87.6	78.6	284	15.5	84.5	80.6
Women who maintain families	300	91.7	8.3	5.4	305	92.3	7.7	6.2
With children under 18 years of age	261	95.1	4.9	3.2	272	95.8	4.2	3.0
Relatives in families maintained by women	532	39.3	60.7	52.6	503	33.2	66.8	57.6
Men who maintain families	40	(²)	(²)	(²)	46	(²)	(²)	(²)
With children under 18 years of age	18	(²)	(²)	(²)	28	(²)	(²)	(²)
Relatives in families maintained by men	66	31.3	68.7	59.9	71	38.7	61.3	58.0
Hispanic origin								
Total unemployed in families ¹	910	36.3	63.7	56.7	869	30.9	69.1	61.3
Husbands	251	48.4	51.6	41.7	240	35.1	64.9	52.3
With children under 18 years of age	190	52.6	47.4	35.4	188	37.2	62.8	50.4
Wives	164	30.2	69.8	65.3	167	18.2	81.8	76.9
With children under 18 years of age	120	30.4	69.6	65.0	116	20.0	80.0	75.9
Relatives in married-couple families	226	11.8	88.2	85.5	211	9.6	90.4	87.3
Women who maintain families	76	81.9	18.1	10.9	69	79.4	20.6	13.2
With children under 18 years of age	68	88.8	11.2	7.8	57	(²)	(²)	(²)
Relatives in families maintained by women	105	27.9	72.1	58.3	108	40.6	59.4	47.5
Men who maintain families	43	(²)	(²)	(²)	39	(²)	(²)	(²)
With children under 18 years of age	23	(²)	(²)	(²)	26	(²)	(²)	(²)
Relatives in families maintained by men	44	(²)	(²)	(²)	35	(²)	(²)	(²)

¹ Excludes persons living alone or with nonrelatives, persons in families where the husband, wife or, other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies. Estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns

used in aggregating the data.

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-70. Employed civilians by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	II 1992			II 1993				
	Total	Percent of employed:			Total	Percent of employed:		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full time
TOTAL								
Total employed in families ¹	94,199	22.9	77.1	66.9	94,646	23.1	76.9	66.3
Husbands	38,521	27.6	72.4	55.2	38,539	27.6	72.4	55.2
With children under 18 years of age	21,950	29.6	70.4	50.0	21,985	30.0	70.0	50.0
Wives	29,446	10.1	89.9	85.9	29,612	10.1	89.9	85.3
With children under 18 years of age	15,714	6.4	93.6	90.7	15,779	6.6	93.4	89.9
Relatives in married-couple families	11,132	7.4	92.6	88.9	10,859	7.9	92.1	88.1
Women who maintain families	6,524	66.4	33.6	23.1	6,806	66.5	33.5	22.9
With children under 18 years of age	4,186	84.3	15.7	8.1	4,427	83.3	16.7	8.0
Relatives in families maintained by women	4,543	25.2	74.8	65.3	4,841	24.5	75.5	65.2
Men who maintain families	2,355	58.1	41.9	32.8	2,381	58.6	41.4	31.4
With children under 18 years of age	1,169	85.5	14.5	8.4	1,182	84.6	15.4	8.2
Relatives in families maintained by men	1,677	17.5	82.5	77.8	1,608	17.4	82.6	75.6
White								
Total employed in families ¹	81,839	22.0	78.0	67.3	81,986	22.1	77.9	66.8
Husbands	34,756	27.9	72.1	54.2	34,763	27.8	72.2	54.3
With children under 18 years of age	19,571	30.2	69.8	48.4	19,599	30.3	69.7	48.6
Wives	26,274	9.7	90.3	86.2	26,456	9.8	90.2	85.6
With children under 18 years of age	13,808	5.9	94.1	91.3	13,902	6.0	94.0	90.6
Relatives in married-couple families	9,770	7.3	92.7	89.1	9,465	7.8	92.2	88.3
Women who maintain families	4,507	63.8	36.2	24.5	4,673	63.3	36.7	24.0
With children under 18 years of age	2,867	83.3	16.7	8.0	3,005	81.3	18.7	7.9
Relatives in families maintained by women	3,296	25.9	74.1	64.3	3,479	24.4	75.6	65.1
Men who maintain families	1,921	57.0	43.0	33.4	1,909	59.4	40.6	30.5
With children under 18 years of age	957	84.4	15.6	8.9	984	84.1	15.9	8.2
Relatives in families maintained by men	1,316	16.6	83.4	78.6	1,241	16.5	83.5	76.2
Black								
Total employed in families ¹	8,902	31.5	68.5	61.2	8,999	33.1	66.9	59.8
Husbands	2,459	22.2	77.8	67.3	2,409	24.7	75.3	65.5
With children under 18 years of age	1,528	22.2	77.8	66.5	1,514	24.4	75.6	64.9
Wives	2,119	14.5	85.5	81.2	2,057	14.5	85.5	80.7
With children under 18 years of age	1,265	10.5	89.5	85.9	1,227	11.1	88.9	84.3
Relatives in married-couple families	889	9.0	91.0	86.1	897	9.5	90.5	85.5
Women who maintain families	1,810	73.3	26.7	19.1	1,902	75.1	24.9	19.2
With children under 18 years of age	1,204	86.7	13.3	8.2	1,286	88.5	11.5	7.6
Relatives in families maintained by women	1,066	24.1	75.9	67.7	1,161	26.1	73.9	64.6
Men who maintain families	318	69.8	30.2	24.0	341	59.6	40.4	32.0
With children under 18 years of age	170	92.2	7.8	5.8	160	86.9	13.1	7.8
Relatives in families maintained by men	241	27.6	72.4	67.4	232	28.3	71.7	66.1
Hispanic origin								
Total employed in families ¹	7,227	25.7	74.3	65.9	7,402	26.7	73.3	63.8
Husbands	2,713	34.7	65.3	52.5	2,821	34.4	65.6	52.8
With children under 18 years of age	1,984	37.3	62.7	49.8	1,998	36.8	63.2	50.1
Wives	1,792	10.2	89.8	85.0	1,909	12.8	87.2	81.2
With children under 18 years of age	1,222	9.0	91.0	87.1	1,293	11.7	88.3	82.3
Relatives in married-couple families	1,032	6.4	93.6	89.4	1,026	7.9	92.1	88.0
Women who maintain families	570	63.4	36.6	27.5	600	66.4	33.6	23.5
With children under 18 years of age	395	78.6	21.4	14.0	407	79.8	20.2	12.5
Relatives in families maintained by women	477	23.4	76.6	66.3	491	23.2	76.8	61.9
Men who maintain families	347	48.2	51.8	46.5	301	49.2	50.8	40.4
With children under 18 years of age	143	84.6	15.4	12.6	140	79.3	20.7	14.6
Relatives in families maintained by men	296	8.6	91.4	86.5	254	9.4	90.6	83.1

¹ Excludes persons living alone or with nonrelatives, persons in families where the husband, wife, or other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies. Estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns

used in aggregating the data.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-71. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin

(Numbers in thousands)

Type of family, number of earners, race, and Hispanic origin	Number of families		Median weekly earnings	
	II 1992	II 1993	II 1992	II 1993
TOTAL				
Total families with earners ¹	43,668	43,758	\$680	\$694
Married-couple families	34,011	34,220	769	790
One earner	12,099	12,239	464	470
Husband	8,416	8,412	556	546
Wife	2,955	3,013	291	317
Other family member	728	814	287	291
Two or more earners	21,913	21,981	930	961
Husband and wife	19,473	19,652	955	985
Husband and other family member(s)	1,610	1,517	809	855
Wife and other family member(s)	632	609	592	609
Other family members only	198	204	643	579
Families maintained by women	7,455	7,428	389	394
One earner	5,348	5,246	309	308
Householder	4,273	4,225	320	310
Other family member	1,075	1,021	266	294
Two or more earners	2,107	2,182	639	643
Families maintained by men	2,202	2,110	508	499
One earner	1,413	1,443	405	422
Two or more earners	789	667	731	673
White				
Total families with earners ¹	37,076	36,907	710	724
Married-couple families	30,137	30,145	783	804
One earner	10,774	10,738	480	483
Husband	7,605	7,496	571	568
Wife	2,551	2,554	296	317
Two or more earners	19,363	19,407	943	971
Husband and wife	17,239	17,439	967	992
Families maintained by women	5,182	5,164	410	414
Families maintained by men	1,757	1,598	522	517
Black				
Total families with earners ¹	5,081	5,137	481	484
Married-couple families	2,700	2,723	641	650
One earner	877	988	303	340
Husband	472	568	356	377
Wife	327	325	265	302
Two or more earners	1,823	1,735	782	836
Husband and wife	1,595	1,513	801	873
Families maintained by women	2,010	1,994	324	321
Families maintained by men	372	419	446	408
Hispanic origin				
Total families with earners ¹	3,676	3,765	498	498
Married-couple families	2,652	2,711	564	572
One earner	1,046	1,139	347	333
Husband	800	888	388	359
Wife	154	162	241	276
Two or more earners	1,606	1,572	743	761
Husband and wife	1,215	1,224	790	786
Families maintained by women	730	738	332	367
Families maintained by men	295	316	419	422

¹ Data exclude families 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.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-72. Families with unemployed members and wage and salary workers by type of family and median weekly earnings

(Numbers in thousands)

Type of family and relationship of unemployed members to wage and salary earners	Number of families		Median weekly earnings	
	II 1992	II 1993	II 1992	II 1993
Married-couple families ¹	3,319	3,338	\$484	\$511
Husband unemployed	1,374	1,282	308	356
Wife only earner	1,059	981	286	326
Wife and other earner(s)	221	199	609	521
Other earner(s) only	94	102	(²)	210
Wife unemployed	778	842	491	484
Husband only earner	778	842	491	484
Husband and other earner(s)	132	155	727	762
Other earner(s) only	17	10	(²)	(²)
Other member(s) unemployed	1,018	1,049	777	784
Husband or wife earner	377	340	496	526
Both husband and wife earners	601	637	918	934
Other combinations of earners	40	72	(²)	(²)
Families maintained by women ¹	752	618	331	304
Householder unemployed	101	94	204	(²)
Other member(s) unemployed	651	524	355	317
Families maintained by men ¹	229	251	404	389

¹ Data exclude families 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.

² Data not shown where base is less than 100,000.

A-73. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	II 1992	II 1993	II 1992	II 1993
SEX AND AGE				
Total, 16 years and over	84,451	85,271	\$440	\$459
Men, 16 years and over	48,189	48,513	503	511
16 to 24 years	5,611	5,641	283	291
25 years and over	42,578	42,871	536	553
Women, 16 years and over	36,262	36,758	380	390
16 to 24 years	4,314	4,377	268	274
25 years and over	31,949	32,381	399	413
FAMILY RELATIONSHIP				
Husbands	30,867	31,320	573	584
Wives	19,143	19,501	395	410
Women who maintain families	5,140	5,386	364	362
Men who maintain families	1,803	1,865	431	464
Other persons in families:				
Men	5,947	5,878	298	310
Women	4,205	4,061	292	296
All other men ¹	9,572	9,450	457	474
All other women ¹	7,775	7,810	404	420
RACE, HISPANIC ORIGIN, AND SEX				
White	72,003	72,581	456	475
Men	41,814	42,009	513	522
Women	30,189	30,572	386	400
Black	9,471	9,654	363	364
Men	4,750	4,811	395	393
Women	4,721	4,844	333	339
Hispanic origin	6,998	7,084	324	351
Men	4,338	4,462	344	366
Women	2,659	2,621	307	324

¹ The majority of these persons are living alone or with nonrelatives. Also included are persons in families where the husband, wife, or other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-74. Median weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	II 1992	II 1993	II 1992	II 1993
SEX AND AGE				
Total, 16 years and over	19,371	19,613	\$134	\$135
Men, 16 years and over	6,074	6,186	123	122
16 to 24 years	3,142	3,196	105	100
25 years and over	2,932	2,990	154	164
Women, 16 years and over	13,297	13,427	139	141
16 to 24 years	3,901	3,992	106	105
25 years and over	9,395	9,435	157	163
FAMILY RELATIONSHIP				
Husbands	1,678	1,654	157	167
Wives	6,931	6,978	161	165
Women who maintain families	1,144	1,205	144	144
Men who maintain families	122	182	164	181
Other persons in families:				
Men	3,054	3,208	103	101
Women	3,257	3,302	102	100
All other men ¹	1,219	1,142	152	155
All other women ¹	1,965	1,942	135	146
RACE, HISPANIC ORIGIN, AND SEX				
White	16,797	17,066	136	136
Men	5,096	5,191	123	121
Women	11,701	11,875	141	142
Black	1,896	1,832	123	126
Men	723	719	119	121
Women	1,173	1,113	125	129
Hispanic origin	1,266	1,464	136	136
Men	493	577	137	143
Women	772	887	136	132

¹ The majority of these persons are living alone or with nonrelatives. Also included are persons in families where the husband, wife, or other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY DATA**

A-75. 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	
	1992	1993	1992	1993
TOTAL				
Managerial and professional specialty	23,032	23,899	\$659	\$678
Executive, administrative, and managerial	11,275	11,784	660	670
Professional specialty	11,757	12,115	658	684
Technical, sales, and administrative support	26,221	26,127	404	420
Technicians and related support	3,402	3,359	508	522
Sales occupations	7,963	8,168	429	450
Administrative support, including clerical	14,856	14,600	380	392
Service occupations	9,179	9,524	281	292
Private household	290	342	192	194
Protective service	1,905	2,006	474	489
Service, except private household and protective	6,984	7,176	260	270
Precision production, craft, and repair	10,456	10,227	489	498
Mechanics and repairers	3,795	3,633	490	506
Construction trades	3,276	3,236	494	484
Other precision production, craft, and repair	3,385	3,358	483	504
Operators, fabricators, and laborers	14,107	14,215	354	361
Machine operators, assemblers, and inspectors	6,977	6,700	337	345
Transportation and material moving occupations	3,865	4,018	426	445
Handlers, equipment cleaners, helpers, and laborers	3,265	3,496	309	310
Farming, forestry, and fishing	1,456	1,279	258	267
Men				
Managerial and professional specialty	12,017	12,538	783	799
Executive, administrative, and managerial	6,369	6,762	790	795
Professional specialty	5,648	5,776	776	803
Technical, sales, and administrative support	9,874	9,862	518	526
Technicians and related support	1,892	1,799	578	610
Sales occupations	4,650	4,643	522	535
Administrative support, including clerical	3,332	3,419	490	485
Service occupations	4,660	4,613	326	351
Private household	19	27	(¹)	(¹)
Protective service	1,591	1,692	498	506
Service, except private household and protective	3,051	2,894	283	292
Precision production, craft, and repair	9,590	9,455	500	508
Mechanics and repairers	3,668	3,520	488	506
Construction trades	3,219	3,220	495	484
Other precision production, craft, and repair	2,702	2,715	520	547
Operators, fabricators, and laborers	10,776	10,897	390	395
Machine operators, assemblers, and inspectors	4,349	4,194	395	401
Transportation and material moving occupations	3,630	3,755	438	457
Handlers, equipment cleaners, helpers, and laborers	2,796	2,948	315	318
Farming, forestry, and fishing	1,273	1,148	264	272
Women				
Managerial and professional specialty	11,015	11,361	553	571
Executive, administrative, and managerial	4,906	5,022	517	521
Professional specialty	6,109	6,339	580	599
Technical, sales, and administrative support	16,347	16,265	362	374
Technicians and related support	1,510	1,559	456	465
Sales occupations	3,313	3,525	318	324
Administrative support, including clerical	11,524	11,181	360	374
Service occupations	4,519	4,911	247	260
Private household	272	314	187	187
Protective service	314	314	368	405
Service, except private household and protective	3,933	4,282	245	260
Precision production, craft, and repair	866	772	334	331
Mechanics and repairers	126	112	611	479
Construction trades	57	17	(¹)	(¹)
Other precision production, craft, and repair	683	643	310	314
Operators, fabricators, and laborers	3,331	3,318	274	285
Machine operators, assemblers, and inspectors	2,628	2,507	271	282
Transportation and material moving occupations	235	263	310	352
Handlers, equipment cleaners, helpers, and laborers	468	548	270	274
Farming, forestry, and fishing	183	131	219	223

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

NOTE: Data for 1992 are not fully comparable with data for prior

years because of the introduction of the occupational classification system used in the 1990 Census.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-76. Employment status of the civilian noninstitutional population in metropolitan, nonmetropolitan, urban, and rural areas by sex, age, race, and Hispanic origin

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Total United States		Metropolitan areas					
	|| 1992	|| 1993	Total		Central cities		Suburbs	
			|| 1992	|| 1993	|| 1992	|| 1993	|| 1992	|| 1993
TOTAL								
Civilian noninstitutional population	191,310	193,288	148,989	150,375	57,790	57,884	91,198	92,491
Civilian labor force	127,195	128,046	100,255	100,888	37,536	37,412	62,720	63,475
Percent of population	66.5	66.2	67.3	67.1	65.0	64.6	68.8	68.6
Employed	117,792	119,215	92,745	93,834	34,197	34,287	58,548	59,547
Unemployed	9,403	8,831	7,510	7,054	3,339	3,126	4,171	3,929
Unemployment rate	7.4	6.9	7.5	7.0	8.9	8.4	6.7	6.2
Not in labor force	64,115	65,243	48,733	49,488	20,254	20,472	28,479	29,016
Men, 20 years and over								
Civilian noninstitutional population	84,756	85,806	66,065	66,843	25,135	25,311	40,930	41,532
Civilian labor force	65,837	66,128	51,918	52,164	19,246	19,118	32,672	33,046
Percent of population	77.7	77.1	78.6	78.0	76.6	75.5	79.8	79.6
Employed	61,231	61,933	48,194	48,745	17,598	17,595	30,595	31,150
Unemployed	4,606	4,195	3,724	3,419	1,648	1,524	2,076	1,895
Unemployment rate	7.0	6.3	7.2	6.6	8.6	8.0	6.4	5.7
Not in labor force	18,919	19,678	14,147	14,679	5,889	6,192	8,258	8,487
Women, 20 years and over								
Civilian noninstitutional population	93,405	94,264	72,966	73,564	28,757	28,779	44,209	44,785
Civilian labor force	54,528	54,950	43,223	43,530	16,460	16,527	26,763	27,003
Percent of population	58.4	58.3	59.2	59.2	57.2	57.4	60.5	60.3
Employed	51,217	51,786	40,575	41,031	15,246	15,420	25,329	25,611
Unemployed	3,311	3,164	2,648	2,499	1,214	1,108	1,433	1,392
Unemployment rate	6.1	5.8	6.1	5.7	7.4	6.7	5.4	5.2
Not in labor force	38,877	39,314	29,743	30,034	12,297	12,252	17,446	17,782
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,149	13,218	9,958	9,969	3,898	3,794	6,060	6,174
Civilian labor force	6,829	6,967	5,114	5,194	1,829	1,767	3,285	3,427
Percent of population	51.9	52.7	51.4	52.1	46.9	46.6	54.2	55.5
Employed	5,343	5,496	3,976	4,058	1,353	1,273	2,624	2,785
Unemployed	1,486	1,471	1,138	1,136	477	494	662	642
Unemployment rate	21.8	21.1	22.3	21.9	26.1	28.0	20.1	18.7
Not in labor force	6,320	6,251	4,843	4,775	2,069	2,028	2,775	2,747
White								
Civilian noninstitutional population	162,484	163,751	124,427	125,063	42,602	42,292	81,825	82,771
Civilian labor force	108,764	109,366	84,365	84,729	28,151	27,953	56,215	56,775
Percent of population	66.9	66.8	67.8	67.7	66.1	66.1	68.7	68.6
Employed	101,761	102,830	78,913	79,677	26,165	26,157	52,748	53,520
Unemployed	7,003	6,536	5,452	5,052	1,986	1,797	3,466	3,255
Unemployment rate	6.4	6.0	6.5	6.0	7.1	6.4	6.2	5.7
Not in labor force	53,722	54,385	40,062	40,334	14,451	14,339	25,610	25,995
Black								
Civilian noninstitutional population	21,909	22,281	18,485	18,987	12,254	12,483	6,232	6,504
Civilian labor force	13,880	13,921	11,841	11,961	7,460	7,465	4,380	4,496
Percent of population	63.4	62.5	64.1	63.0	60.9	59.8	70.3	69.1
Employed	11,855	12,017	10,098	10,300	6,256	6,325	3,842	3,975
Unemployed	2,025	1,904	1,743	1,661	1,205	1,139	538	521
Unemployment rate	14.6	13.7	14.7	13.9	16.1	15.3	12.3	11.6
Not in labor force	8,029	8,360	6,644	7,027	4,793	5,019	1,851	2,008
Hispanic origin								
Civilian noninstitutional population	15,184	15,682	14,131	14,551	7,943	8,184	6,188	6,368
Civilian labor force	10,136	10,288	9,421	9,562	5,118	5,110	4,303	4,453
Percent of population	66.8	65.6	66.7	65.7	64.4	62.4	69.5	69.9
Employed	9,017	9,262	8,389	8,595	4,567	4,576	3,821	4,018
Unemployed	1,119	1,026	1,032	968	551	533	481	434
Unemployment rate	11.0	10.0	11.0	10.1	10.8	10.4	11.2	9.8
Not in labor force	5,048	5,393	4,710	4,989	2,825	3,074	1,885	1,915

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-76. Employment status of the civilian noninstitutional population in metropolitan, nonmetropolitan, urban, and rural areas by sex, age, race, and Hispanic origin—Continued

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Nonmetropolitan areas		Urban areas		Rural areas	
	1992	1993	1992	1993	1992	1993
TOTAL						
Civilian noninstitutional population	42,321	42,913	139,653	140,519	51,657	52,770
Civilian labor force	26,939	27,158	92,931	93,080	34,264	34,966
Percent of population	63.7	63.3	66.5	66.2	66.3	66.3
Employed	25,047	25,381	85,725	86,272	32,067	32,942
Unemployed	1,893	1,777	7,206	6,808	2,197	2,023
Unemployment rate	7.0	6.5	7.8	7.3	6.4	5.8
Not in labor force	15,382	15,755	46,723	47,438	17,393	17,804
Men, 20 years and over						
Civilian noninstitutional population	18,691	18,963	61,196	61,754	23,560	24,052
Civilian labor force	13,920	13,964	47,613	47,615	18,224	18,513
Percent of population	74.5	73.6	77.8	77.1	77.4	77.0
Employed	13,037	13,188	44,081	44,364	17,150	17,568
Unemployed	882	776	3,532	3,250	1,074	945
Unemployment rate	6.3	5.6	7.4	6.8	5.9	5.1
Not in labor force	4,772	4,999	13,583	14,139	5,336	5,539
Women, 20 years and over						
Civilian noninstitutional population	20,439	20,701	69,084	69,397	24,321	24,867
Civilian labor force	11,305	11,420	40,491	40,593	14,037	14,358
Percent of population	55.3	55.2	58.6	58.5	57.7	57.7
Employed	10,642	10,755	37,913	38,126	13,305	13,660
Unemployed	663	665	2,579	2,466	732	698
Unemployment rate	5.9	5.8	6.4	6.1	5.2	4.9
Not in labor force	9,134	9,280	28,593	28,805	10,284	10,509
Both sexes, 16 to 19 years						
Civilian noninstitutional population	3,191	3,249	9,373	9,367	3,776	3,851
Civilian labor force	1,715	1,773	4,826	4,873	2,003	2,094
Percent of population	53.7	54.6	51.5	52.0	53.0	54.4
Employed	1,367	1,438	3,731	3,782	1,612	1,714
Unemployed	347	335	1,095	1,091	391	381
Unemployment rate	20.3	18.9	22.7	22.4	19.5	18.2
Not in labor force	1,476	1,476	4,546	4,494	1,773	1,756
White						
Civilian noninstitutional population	38,059	38,688	114,609	114,816	47,876	48,935
Civilian labor force	24,398	24,637	76,874	76,758	31,890	32,609
Percent of population	64.1	63.7	67.1	66.9	66.6	66.6
Employed	22,848	23,153	71,794	71,994	29,967	30,836
Unemployed	1,550	1,484	5,079	4,764	1,923	1,772
Unemployment rate	6.4	6.0	6.6	6.2	6.0	5.4
Not in labor force	13,660	14,051	37,736	38,058	15,986	16,326
Black						
Civilian noninstitutional population	3,424	3,293	19,053	19,497	2,856	2,784
Civilian labor force	2,039	1,960	12,083	12,226	1,797	1,694
Percent of population	59.6	59.5	63.4	62.7	62.9	60.9
Employed	1,757	1,717	10,268	10,524	1,586	1,493
Unemployed	283	243	1,815	1,703	210	201
Unemployment rate	13.9	12.4	15.0	13.9	11.7	11.9
Not in labor force	1,385	1,333	6,970	7,271	1,059	1,089
Hispanic origin						
Civilian noninstitutional population	1,053	1,131	13,826	14,272	1,359	1,410
Civilian labor force	715	726	9,191	9,338	945	950
Percent of population	67.9	64.2	66.5	65.4	69.6	67.4
Employed	628	668	8,196	8,396	821	866
Unemployed	87	59	995	942	124	84
Unemployment rate	12.2	8.1	10.8	10.1	13.1	8.9
Not in labor force	338	405	4,634	4,934	414	460

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. These data are based

on 1980 census designations and are not comparable to data published through the first quarter of 1984. Beginning with the first quarter of 1993, separate data are no longer available for farm and nonfarm areas.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-77. Employment status of the civilian noninstitutional population in poverty and nonpoverty areas by race and Hispanic origin

(Numbers in thousands)

Employment status, race, and Hispanic origin	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL												
Civilian noninstitutional population	27,013	26,479	164,297	166,809	17,270	17,031	131,718	133,345	9,743	9,448	32,578	33,465
Civilian labor force	15,483	14,840	111,712	113,206	9,744	9,283	90,512	91,605	5,739	5,557	21,200	21,601
Percent of population	57.3	56.0	68.0	67.9	56.4	54.5	68.7	68.7	58.9	58.8	65.1	64.5
Employed	13,586	13,115	104,205	106,099	8,349	8,037	84,397	85,796	5,238	5,078	19,809	20,303
Unemployed	1,896	1,725	7,507	7,106	1,395	1,246	6,115	5,809	501	479	1,392	1,298
Unemployment rate	12.2	11.6	6.7	6.3	14.3	13.4	6.8	6.3	8.7	8.6	6.6	6.0
Men, 20 years and over	11.2	11.0	6.4	5.7	13.5	13.0	6.5	5.9	7.3	7.6	6.1	5.0
Women, 20 years and over	10.6	9.5	5.5	5.3	12.3	10.9	5.5	5.2	7.7	7.2	5.4	5.5
Both sexes, 16 to 19 years	33.9	32.6	20.0	19.5	37.3	35.6	20.5	20.3	28.6	27.6	18.2	16.9
Men	34.0	33.8	21.3	20.8	40.3	37.6	21.9	21.8	25.6	27.3	19.3	17.5
Women	33.7	31.3	18.5	18.0	34.5	33.3	18.9	18.6	32.3	28.0	16.9	16.3
Not in labor force	11,530	11,639	52,585	53,604	7,527	7,748	41,207	41,740	4,004	3,891	11,378	11,864
White												
Civilian noninstitutional population	16,625	16,199	145,861	147,552	9,263	9,030	115,164	116,034	7,362	7,170	30,697	31,518
Civilian labor force	9,845	9,448	98,919	99,919	5,407	5,149	78,959	79,580	4,438	4,299	19,960	20,339
Percent of population	59.2	58.3	67.8	67.7	58.4	57.0	68.6	68.6	60.3	60.0	65.0	64.5
Employed	8,924	8,636	92,837	94,194	4,814	4,645	74,099	75,032	4,110	3,991	18,737	19,162
Unemployed	921	811	6,082	5,725	593	504	4,859	4,548	328	308	1,222	1,176
Unemployment rate	9.4	8.6	6.1	5.7	11.0	9.8	6.2	5.7	7.4	7.2	6.1	5.8
Men, 20 years and over	8.6	8.0	5.9	5.3	10.6	8.9	6.0	5.4	6.1	7.0	5.6	5.0
Women, 20 years and over	8.2	7.4	4.9	4.8	9.6	8.8	4.9	4.7	6.5	5.7	5.0	5.1
Both sexes, 16 to 19 years	24.8	22.6	18.1	17.3	25.0	25.3	18.2	17.6	24.6	19.3	17.5	16.2
Men	22.8	25.2	19.4	18.3	25.8	30.3	19.6	18.7	20.1	18.1	18.5	17.3
Women	26.8	19.5	16.6	16.1	24.4	18.6	16.7	16.5	30.0	20.5	16.4	15.1
Not in labor force	6,780	6,752	46,942	47,633	3,857	3,881	36,205	36,453	2,923	2,871	10,737	11,180
Black												
Civilian noninstitutional population	9,390	9,137	12,519	13,144	7,312	7,166	11,174	11,821	2,079	1,971	1,346	1,322
Civilian labor force	5,095	4,771	8,785	9,149	3,953	3,679	7,887	8,281	1,141	1,092	898	868
Percent of population	54.3	52.2	70.2	69.6	54.1	51.3	70.6	70.1	54.9	55.4	66.7	65.6
Employed	4,175	3,937	7,679	8,080	3,187	2,996	6,911	7,304	988	940	769	776
Unemployed	919	835	1,106	1,069	766	683	977	977	153	151	129	92
Unemployment rate	18.0	17.5	12.6	11.7	19.4	18.6	12.4	11.8	13.4	13.9	14.4	10.6
Men, 20 years and over	17.4	17.5	11.5	10.5	19.1	19.6	11.2	10.9	11.7	10.4	14.6	6.6
Women, 20 years and over	14.7	13.0	10.5	9.4	15.6	13.4	10.4	9.2	11.4	11.5	12.0	10.9
Both sexes, 16 to 19 years	50.9	51.6	38.7	41.1	53.7	51.3	39.4	41.8	(¹)	(¹)	(¹)	(¹)
Men	52.7	49.7	43.3	42.3	56.3	49.9	43.5	44.2	(¹)	(¹)	(¹)	(¹)
Women	48.8	53.8	34.0	39.4	50.9	52.7	35.2	38.7	(¹)	(¹)	(¹)	(¹)
Not in labor force	4,296	4,366	3,734	3,994	3,358	3,486	3,266	3,540	937	879	448	454
Hispanic origin												
Civilian noninstitutional population	4,509	4,609	10,675	11,073	4,166	4,246	9,965	10,305	343	362	710	768
Civilian labor force	2,573	2,559	7,563	7,730	2,360	2,338	7,061	7,225	213	221	502	505
Percent of population	57.1	55.5	70.8	69.8	56.7	55.1	70.9	70.1	62.1	61.0	70.7	65.7
Employed	2,226	2,248	6,791	7,014	2,042	2,052	6,346	6,542	183	196	445	472
Unemployed	348	310	772	716	318	285	714	683	30	25	57	33
Unemployment rate	13.5	12.1	10.2	9.3	13.5	12.2	10.1	9.4	13.9	11.4	11.4	6.6
Men, 20 years and over	11.9	10.7	9.8	8.3	12.2	10.5	9.8	8.5	8.9	13.0	10.1	5.4
Women, 20 years and over	13.2	10.7	7.9	8.3	13.0	11.1	7.9	8.4	15.0	6.1	8.4	6.3
Both sexes, 16 to 19 years	28.1	30.6	28.7	25.0	26.2	30.9	28.1	25.7	(¹)	(¹)	(¹)	(¹)
Men	25.8	32.2	31.5	24.1	23.5	33.0	30.5	25.3	(¹)	(¹)	(¹)	(¹)
Women	30.7	28.2	24.5	26.2	29.1	27.6	24.6	26.3	(¹)	(¹)	(¹)	(¹)
Not in labor force	1,936	2,050	3,112	3,344	1,806	1,908	2,904	3,080	130	141	208	263

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

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. These data are based on 1980 census designations and are not comparable to data published through the first quarter of 1984.

**ESTABLISHMENT DATA
HISTORICAL EMPLOYMENT**

B-1. Employees on nonfarm payrolls by major industry, 1942 to date

(In thousands)

Year and month	Total	Total private	Goods-producing				Service-producing						Government		
			Total	Mining	Construc-tion	Manufac-turing	Total	Transpor-tation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Federal	State	Local
Annual averages															
1942	40,106	34,624	18,470	992	2,198	15,280	21,636	3,460	1,912	5,206	1,509	4,066	2,213	(¹)	(¹)
1943	42,434	36,356	20,114	925	1,587	17,602	22,320	3,647	1,828	5,154	1,481	4,130	2,905	(¹)	(¹)
1944	41,864	35,822	19,328	892	1,108	17,328	22,536	3,829	1,851	5,208	1,461	4,145	2,928	(¹)	(¹)
1945	40,374	34,431	17,507	836	1,147	15,524	22,867	3,906	1,955	5,359	1,481	4,222	2,808	(¹)	(¹)
1946	41,652	36,056	17,248	862	1,683	14,703	24,404	4,061	2,298	6,077	1,675	4,697	2,254	(¹)	(¹)
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,166	2,478	6,477	1,728	5,025	1,892	(¹)	(¹)
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,612	6,659	1,800	5,181	1,863	(¹)	(¹)
1949	43,754	37,897	17,565	930	2,194	14,441	26,189	4,001	2,610	6,654	1,828	5,239	1,908	(¹)	(¹)
1950	45,197	39,170	18,506	901	2,364	15,241	26,691	4,034	2,643	6,743	1,888	5,356	1,928	(¹)	(¹)
1951	47,819	41,430	19,959	929	2,637	16,393	27,860	4,226	2,735	7,007	1,956	5,547	2,302	(¹)	(¹)
1952	48,793	42,185	20,198	898	2,668	16,632	28,595	4,248	2,821	7,184	2,035	5,699	2,420	(¹)	(¹)
1953	50,202	43,556	21,074	866	2,659	17,549	29,128	4,290	2,862	7,385	2,111	5,835	2,305	(¹)	(¹)
1954	48,990	42,238	19,751	791	2,646	16,314	29,239	4,084	2,875	7,360	2,200	5,969	2,188	(¹)	(¹)
1955	50,641	43,727	20,513	792	2,839	16,882	30,128	4,141	2,934	7,601	2,298	6,240	2,187	1,168	3,558
1956	52,369	45,091	21,104	822	3,039	17,243	31,266	4,244	3,027	7,831	2,389	6,497	2,209	1,250	3,819
1957	54,853	45,239	20,964	828	2,962	17,174	31,889	4,241	3,037	7,848	2,438	6,708	2,217	1,328	4,071
1958	51,324	43,483	19,513	751	2,817	15,945	31,811	3,976	2,989	7,761	2,481	6,765	2,191	1,415	4,232
1959 ^a	53,268	45,186	20,411	732	3,004	16,675	32,857	4,011	3,092	8,035	2,549	7,087	2,233	1,484	4,366
1960	54,189	45,836	20,434	712	2,926	16,796	33,755	4,004	3,153	8,238	2,628	7,378	2,270	1,536	4,547
1961	53,999	45,404	19,857	672	2,859	16,326	34,142	3,903	3,142	8,195	2,688	7,619	2,279	1,607	4,708
1962	55,549	46,660	20,451	650	2,948	16,853	35,098	3,906	3,207	8,359	2,754	7,982	2,340	1,668	4,881
1963	56,653	47,429	20,640	635	3,010	16,995	36,013	3,903	3,258	8,520	2,830	8,277	2,358	1,747	5,121
1964	58,283	48,686	21,005	634	3,097	17,274	37,278	3,951	3,347	8,812	2,911	8,660	2,348	1,856	5,392
1965	60,765	50,689	21,926	632	3,232	18,062	38,839	4,036	3,477	9,239	2,977	9,036	2,378	1,996	5,700
1966	63,901	53,116	23,158	627	3,317	19,214	40,743	4,158	3,608	9,637	3,058	9,498	2,564	2,141	6,080
1967	65,803	54,413	23,308	613	3,248	19,447	42,495	4,268	3,700	9,906	3,185	10,045	2,719	2,302	6,371
1968	67,897	56,058	23,737	606	3,350	19,781	44,160	4,318	3,791	10,308	3,337	10,567	2,737	2,442	6,660
1969	70,384	58,189	24,361	619	3,575	20,167	46,023	4,442	3,919	10,785	3,512	11,169	2,758	2,533	6,904
1970	70,880	58,325	23,578	623	3,588	19,367	47,302	4,515	4,006	11,034	3,645	11,548	2,731	2,664	7,158
1971	71,214	58,331	22,935	609	3,704	18,623	48,278	4,476	4,014	11,338	3,772	11,797	2,696	2,747	7,437
1972	73,675	60,341	23,668	628	3,889	19,151	50,007	4,541	4,127	11,822	3,908	12,276	2,684	2,859	7,790
1973	76,790	63,058	24,893	642	4,097	20,154	51,897	4,656	4,291	12,315	4,046	12,857	2,663	2,923	8,146
1974	78,265	64,095	24,794	697	4,020	20,077	53,471	4,725	4,447	12,539	4,148	13,441	2,724	3,039	8,407
1975	76,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,430	12,630	4,165	13,892	2,748	3,179	8,758
1976	79,382	64,511	23,352	779	3,576	18,997	56,030	4,582	4,562	13,193	4,271	14,551	2,733	3,273	8,865
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,723	13,792	4,467	15,302	2,727	3,377	9,023
1978	86,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,985	14,556	4,724	16,252	2,753	3,474	9,446
1979	89,823	73,876	26,461	958	4,463	21,040	63,363	5,136	5,221	14,972	4,975	17,112	2,773	3,541	9,633
1980	90,406	74,166	25,658	1,027	4,346	20,285	64,748	5,146	5,292	15,018	5,160	17,890	2,866	3,610	9,765
1981	91,152	75,121	25,497	1,139	4,188	20,170	65,655	5,165	5,375	15,171	5,298	18,615	2,772	3,640	9,619
1982	89,544	73,707	23,812	1,128	3,904	18,780	65,732	5,081	5,295	15,158	5,340	19,021	2,739	3,640	9,458
1983	90,152	74,282	23,330	952	3,946	18,432	66,821	4,952	5,283	15,587	5,466	19,664	2,774	3,662	9,434
1984	94,408	78,384	24,718	966	4,380	19,372	69,690	5,156	5,568	16,512	5,684	20,746	2,807	3,734	9,482
1985	97,387	80,992	24,842	927	4,668	19,248	72,544	5,233	5,727	17,315	5,948	21,927	2,875	3,832	9,687
1986	99,344	82,651	24,533	777	4,810	18,947	74,811	5,247	5,761	17,880	6,273	22,957	2,899	3,893	9,901
1987	101,958	84,948	24,674	717	4,958	18,999	77,284	5,362	5,848	18,422	6,533	24,110	2,943	3,967	10,100
1988	105,210	87,824	25,125	713	5,098	19,314	80,086	5,514	6,030	19,023	6,630	25,504	2,971	4,076	10,339
1989	107,895	90,117	25,254	692	5,171	19,391	82,642	5,625	6,187	19,475	6,668	26,907	2,988	4,182	10,609
1990	109,419	91,115	24,905	709	5,120	19,076	84,514	5,793	6,173	19,601	6,709	27,934	3,085	4,305	10,914
1991	108,256	89,854	23,745	689	4,650	18,406	84,511	5,762	6,081	19,284	6,646	28,336	2,966	4,355	11,081
1992	108,519	89,866	23,142	631	4,471	18,040	85,377	5,709	6,045	19,346	6,571	29,053	2,969	4,403	11,281
Monthly data, seasonally adjusted															
1992:															
June	108,454	89,834	23,172	630	4,469	18,073	85,282	5,711	6,042	19,344	6,569	28,996	2,973	4,388	11,259
July	108,605	89,934	23,160	628	4,459	18,073	85,445	5,707	6,037	19,360	6,559	29,111	2,962	4,415	11,294
August	108,615	89,906	23,073	623	4,459	17,991	85,542	5,701	6,037	19,359	6,558	29,178	2,961	4,412	11,336
September	108,674	89,945	23,012	616	4,447	17,949	85,662	5,704	6,037	19,380	6,565	29,247	2,966	4,436	11,327
October	108,789	90,079	22,995	618	4,466	17,911	85,794	5,699	6,052	19,402	6,570	29,361	2,945	4,426	11,339
November	108,921	90,159	22,995	616	4,462	17,917	85,926	5,699	6,061	19,405	6,569	29,430	2,943	4,424	11,395
December	109,079	90,313	22,985	613	4,459	17,913	86,094	5,707	6,062	19,460	6,575	29,524	2,968	4,431	11,367
1993:															
January	109,235	90,480	23,001	611	4,454	17,936	86,234	5,719	6,086	19,523	6,578	29,573	2,945	4,435	11,375
February	109,539	90,762	23,069	600	4,515	17,954	86,470	5,725	6,097	19,629	6,577	29,665	2,944	4,439	11,394
March	109,565	90,777	23,016	600	4,481	17,935	86,549	5,724	6,103	19,604	6,574	29,756	2,938	4,443	11,407
April	109,820	91,020	22,980	600	4,517	17,863	86,840	5,720	6,110	19,648	6,585	29,977	2,923	4,458	11,419
May ^p	110,035	91,212	22,994	602	4,572	17,820	87,041	5,723	6,122	19,687	6,590	30,096	2,915	4,462	11,446
June ^p	110,048	91,220	22,928	595	4,566	17,767	87,120	5,718	6,111	19,724	6,587	30,152	2,903	4,468	11,457

¹ Not available.

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

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1992) and all seasonally adjusted data (beginning January 1989) are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Total		108,908	109,398	109,582	110,500	110,994	-	-	-	-	-
Total private		89,914	90,698	90,421	91,300	92,087	72,889	73,631	73,481	74,326	75,041
Mining		637	636	596	602	600	449	449	419	426	421
Metal mining	10	53.4	54.3	51.1	50.9	-	41.9	42.7	40.6	40.6	-
Iron ores	101	9.1	9.3	8.7	8.8	-	7.0	7.2	6.9	7.0	-
Copper ores	102	15.1	15.2	15.1	15.2	-	12.3	12.4	12.4	12.5	-
Coal mining	12	126.7	126.7	113.7	112.3	-	102.8	102.8	91.2	90.3	-
Bituminous coal and lignite mining	122	118.1	117.9	106.0	104.5	-	95.7	95.5	84.8	83.8	-
Oil and gas extraction	13	352.6	348.5	331.4	336.3	340.3	226.1	223.8	212.7	217.3	-
Crude petroleum and natural gas	131	185.5	184.0	166.6	166.4	-	95.0	94.8	82.4	82.6	-
Oil and gas field services	138	161.1	158.4	159.2	164.1	-	126.8	124.6	126.1	130.5	-
Nonmetallic minerals, except fuels	14	104.1	106.0	99.3	102.5	-	78.3	80.0	74.6	77.5	-
Crushed and broken stone	142	38.6	39.3	36.8	37.9	-	29.7	30.3	28.5	29.7	-
Sand and gravel	144	33.6	34.5	31.5	33.4	-	-	-	-	-	-
Chemical and fertilizer minerals	147	14.7	14.8	14.4	14.2	-	-	-	-	-	-
Construction		4,532	4,656	4,359	4,618	4,758	3,471	3,588	3,314	3,569	3,696
General building contractors	15	1,055.8	1,089.3	1,017.6	1,058.9	1,092.5	742.8	776.0	705.9	746.3	-
Residential building construction	152	517.7	537.6	506.4	529.9	-	351.8	371.4	337.2	360.4	-
Operative builders	153	26.9	27.4	26.1	26.3	-	11.3	11.8	11.2	11.4	-
Nonresidential building construction	154	511.2	524.3	485.1	502.7	-	379.7	392.8	357.5	374.5	-
Heavy construction, except building	16	750.1	763.8	672.3	734.9	-	625.7	638.5	553.0	615.8	-
Highway and street construction	161	238.6	251.6	199.0	243.3	-	199.7	212.0	160.6	204.7	-
Heavy construction, except highway	162	511.5	512.2	473.3	491.6	-	426.0	426.5	392.4	411.1	-
Special trade contractors	17	2,726.5	2,802.6	2,669.2	2,824.5	-	2,102.9	2,173.7	2,055.4	2,206.6	-
Plumbing, heating, and air conditioning	171	597.2	613.5	593.0	606.0	-	431.7	446.4	426.9	440.1	-
Painting and paper hanging	172	154.5	162.0	153.5	164.6	-	126.4	133.5	126.0	137.4	-
Electrical work	173	491.4	500.4	485.4	494.7	-	375.2	384.1	370.0	378.8	-
Masonry, stonework, and plastering	174	391.9	406.0	392.4	419.6	-	333.4	346.5	334.7	360.5	-
Carpentry and floor work	175	175.4	178.2	160.6	169.0	-	129.4	132.1	117.4	125.2	-
Roofing, siding, and sheet metal work	176	187.7	193.3	192.5	204.6	-	146.4	151.8	151.6	163.9	-
Manufacturing		18,064	18,175	17,751	17,779	17,871	12,254	12,348	12,088	12,116	12,196
Durable goods		10,292	10,326	10,050	10,047	10,073	6,832	6,863	6,718	6,724	6,751
Lumber and wood products	24	673.3	685.2	670.9	677.2	691.3	552.9	563.9	549.6	556.6	569.0
Logging	241	75.5	78.6	69.0	72.0	-	61.8	64.8	54.9	57.9	-
Sawmills and planing mills	242	179.8	181.7	175.2	175.5	-	156.2	157.7	151.6	152.3	-
Sawmills and planing mills, general	2421	144.5	146.1	139.8	140.0	-	125.2	126.5	120.8	121.3	-
Hardwood dimension and flooring mills	2426	33.1	33.3	33.3	33.5	-	29.1	29.3	29.1	29.3	-
Millwork, plywood, and structural members	243	238.9	243.6	241.4	243.1	-	191.1	195.1	193.3	195.1	-
Millwork	2431	100.9	102.1	100.1	100.2	-	79.2	80.2	78.0	78.1	-
Wood kitchen cabinets	2434	65.0	66.9	67.7	68.3	-	50.9	52.6	53.7	54.3	-
Hardwood veneer and plywood	2435	21.9	22.1	22.5	22.6	-	18.8	18.8	19.4	19.4	-
Softwood veneer and plywood	2436	27.3	27.6	26.9	26.9	-	24.5	24.8	24.1	24.3	-
Wood containers	244	43.4	44.0	43.5	44.0	-	36.4	37.2	36.8	37.3	-
Wood buildings and mobile homes	245	55.4	56.7	60.5	61.7	-	42.1	43.5	46.8	48.0	-
Mobile homes	2451	39.4	40.3	44.3	45.1	-	32.1	33.0	36.5	37.2	-
Miscellaneous wood products	249	80.3	80.6	81.3	80.9	-	65.3	65.6	66.2	66.0	-
Furniture and fixtures	25	475.2	479.8	478.2	479.9	483.7	374.9	378.6	377.5	378.7	381.5
Household furniture	251	270.0	271.9	273.8	273.7	-	224.8	226.2	228.8	229.0	-
Wood household furniture	2511	121.5	122.2	123.2	122.8	-	104.4	104.8	106.1	105.7	-
Upholstered household furniture	2512	85.3	86.9	88.0	87.9	-	70.7	72.1	73.2	73.4	-
Metal household furniture	2514	21.3	20.6	20.6	20.5	-	17.1	16.5	16.7	16.8	-
Mattresses and bedsprings	2515	27.9	28.1	29.0	28.5	-	21.1	21.2	22.2	21.6	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Durable goods—Continued											
Furniture and fixtures—Continued											
Office furniture	252	60.5	61.7	60.3	61.3	-	45.1	46.0	43.6	44.1	-
Public building and related furniture	253	35.5	35.8	35.3	35.5	-	28.0	28.2	28.1	28.3	-
Partitions and fixtures	254	74.4	75.5	75.1	75.5	-	54.2	55.0	54.7	54.9	-
Miscellaneous furniture and fixtures	259	34.8	34.9	33.7	33.9	-	22.8	23.2	22.3	22.4	-
Stone, clay, and glass products	32	516.8	524.0	506.8	515.4	520.7	400.2	406.8	389.6	398.3	403.1
Flat glass	321	14.6	14.6	13.8	14.1	-	11.4	11.5	10.6	10.9	-
Glass and glassware, pressed or blown	322	79.1	80.0	78.0	78.0	-	67.6	68.3	65.4	65.8	-
Glass containers	3221	36.1	36.6	35.3	35.3	-	32.5	32.9	31.6	31.7	-
Pressed and blown glass, nec	3229	43.0	43.4	42.7	42.7	-	35.1	35.4	33.8	34.1	-
Products of purchased glass	323	58.2	59.1	58.1	58.5	-	44.0	44.9	44.2	44.4	-
Cement, hydraulic	324	17.3	17.5	16.7	16.8	-	13.2	13.6	12.8	12.9	-
Structural clay products	325	30.9	31.4	31.2	31.3	-	23.8	24.2	24.0	24.3	-
Pottery and related products	326	37.5	38.0	37.8	38.0	-	29.5	29.7	29.5	29.8	-
Concrete, gypsum, and plaster products	327	191.7	194.7	184.7	191.5	-	146.0	148.7	139.4	146.0	-
Concrete block and brick	3271	16.8	17.2	16.0	16.7	-	10.8	11.2	10.1	10.8	-
Concrete products, nec	3272	64.6	64.9	62.2	62.7	-	48.2	48.5	46.1	46.6	-
Ready-mixed concrete	3273	93.8	95.8	89.8	95.4	-	74.1	75.8	70.0	75.4	-
Misc. nonmetallic mineral products	329	73.8	74.9	73.2	73.8	-	54.8	56.0	54.1	54.4	-
Abrasive products	3291	19.3	19.5	19.3	19.4	-	14.3	14.5	14.2	14.2	-
Asbestos products	3292	3.1	3.1	3.0	3.1	-	2.4	2.5	2.4	2.4	-
Mineral wool	3296	21.8	22.2	21.2	21.3	-	-	-	-	-	-
Primary metal industries	33	695.2	699.1	676.1	676.8	677.0	525.0	528.3	514.2	515.7	515.8
Blast furnaces and basic steel products	331	251.1	252.4	239.0	238.6	237.6	189.3	190.1	182.2	182.1	180.5
Blast furnaces and steel mills	3312	187.7	188.4	175.6	175.2	-	142.0	142.0	134.7	134.5	-
Steel pipe and tubes	3317	24.9	25.4	25.1	25.2	-	18.3	18.9	18.6	18.7	-
Iron and steel foundries	332	119.4	120.8	117.7	118.3	-	95.2	96.7	93.5	94.3	-
Gray and ductile iron foundries	3321	74.3	75.5	74.1	74.8	-	60.3	61.5	59.4	60.2	-
Malleable iron foundries	3322	6.1	6.2	5.7	5.7	-	4.8	4.9	4.6	4.6	-
Steel foundries, nec	3325	23.8	23.9	24.2	24.4	-	18.4	18.5	18.9	19.1	-
Primary nonferrous metals	333	43.0	43.2	43.1	42.8	-	32.7	32.8	32.6	32.4	-
Primary aluminum	3334	24.6	24.7	25.0	24.8	-	19.7	19.7	19.6	19.4	-
Nonferrous rolling and drawing	335	163.1	163.7	159.5	159.9	-	117.4	117.8	115.8	116.4	-
Copper rolling and drawing	3351	22.8	23.0	22.5	22.3	-	17.3	17.4	17.1	16.9	-
Aluminum sheet, plate, and foil	3353	25.2	24.7	23.6	23.5	-	17.0	16.6	15.7	15.8	-
Nonferrous wire drawing and insulating	3357	68.8	69.1	68.0	68.5	-	49.7	50.1	49.6	50.2	-
Nonferrous foundries (castings)	336	77.3	77.6	76.3	76.4	-	60.6	61.0	60.8	61.0	-
Aluminum foundries	3365	22.3	22.3	22.0	22.0	-	17.6	17.6	17.5	17.7	-
Fabricated metal products	34	1,326.9	1,332.1	1,307.8	1,307.1	1,311.2	973.3	977.8	962.6	962.5	968.5
Metal cans and shipping containers	341	46.2	46.5	43.2	43.1	-	39.9	40.4	37.2	37.2	-
Metal cans	3411	37.0	37.4	34.6	34.5	-	32.5	33.0	30.3	30.2	-
Cutlery, handtools, and hardware	342	123.3	123.7	121.9	122.0	-	91.3	91.7	90.3	90.6	-
Hand and edge tools, and blades and handsaws	3423,5	41.1	41.2	40.7	40.7	-	30.4	30.5	30.5	30.4	-
Hardware, nec	3429	70.6	70.9	69.7	69.7	-	52.9	53.2	52.0	52.2	-
Plumbing and heating, except electric	343	55.2	55.7	56.5	56.2	-	38.6	39.2	40.0	39.9	-
Plumbing fixture fittings and trim	3432	24.2	24.4	24.8	24.7	-	18.0	18.3	18.7	18.4	-
Heating equipment, except electric	3433	18.2	18.5	18.6	18.5	-	11.4	11.7	11.8	11.9	-
Fabricated structural metal products	344	389.7	392.4	382.0	382.7	-	274.1	276.2	269.3	270.1	-
Fabricated structural metal	3441	69.9	69.2	66.8	66.1	-	49.9	49.5	47.3	46.9	-
Metal doors, sash, and trim	3442	69.0	70.8	67.7	68.7	-	49.7	51.1	48.5	49.4	-
Fabricated plate work (boiler shops)	3443	98.6	98.6	96.6	96.2	-	66.3	66.1	65.4	65.3	-
Sheet metal work	3444	91.1	92.3	90.0	90.7	-	67.9	69.0	67.2	67.8	-
Architectural metal work	3446	26.7	26.5	25.2	24.9	-	18.3	18.1	17.7	17.4	-
Screw machine products, bolts, etc	345	90.0	90.0	89.2	89.3	-	68.5	68.5	68.3	68.5	-
Screw machine products	3451	44.5	44.5	44.9	45.0	-	36.2	36.1	36.4	36.6	-
Bolts, nuts, rivets, and washers	3452	45.5	45.5	44.3	44.3	-	32.3	32.4	31.9	31.9	-
Metal forgings and stampings	346	218.5	219.3	217.9	217.8	-	173.4	174.1	173.6	173.4	-
Iron and steel forgings	3462	29.3	29.7	28.7	28.8	-	22.0	22.4	21.9	21.9	-
Automotive stampings	3465	99.3	99.7	99.3	99.0	-	83.8	84.0	84.0	83.7	-
Metal stampings, nec	3469	77.8	77.8	78.3	78.3	-	58.7	58.8	59.2	59.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Metal services, nec	347	114.8	115.8	114.8	114.9	-	88.7	89.5	89.2	89.4	-
Plating and polishing	3471	71.2	71.8	72.0	72.1	-	54.9	55.4	55.8	55.9	-
Metal coating and allied services	3479	43.6	44.0	42.8	42.8	-	33.8	34.1	33.4	33.5	-
Ordnance and accessories, nec	348	66.4	65.8	60.0	59.3	-	38.4	37.9	33.6	33.1	-
Ammunition, except for small arms, nec	3483	41.4	40.9	36.4	35.6	-	20.8	20.4	17.6	17.1	-
Miscellaneous fabricated metal products	349	222.8	222.9	222.3	221.8	-	160.4	160.3	161.1	160.3	-
Valves and pipe fittings, nec	3494	24.4	24.3	23.9	24.1	-	17.3	17.2	17.6	17.7	-
Misc. fabricated wire products	3496	51.2	51.6	51.6	51.5	-	38.7	38.9	39.3	39.0	-
Industrial machinery and equipment	35	1,936.3	1,936.1	1,904.3	1,903.9	1,907.2	1,157.3	1,156.2	1,151.8	1,151.9	1,154.5
Engines and turbines	351	88.3	88.1	87.7	87.5	-	55.8	55.3	54.9	54.4	-
Turbines and turbine generator sets	3511	28.0	28.2	28.3	28.3	-	16.7	16.8	16.6	16.4	-
Internal combustion engines, nec	3519	60.3	59.9	59.4	59.2	-	39.1	38.5	38.3	38.0	-
Farm and garden machinery	352	95.5	91.9	98.5	97.9	-	69.1	65.3	71.5	71.2	-
Farm machinery and equipment	3523	69.7	69.0	71.1	71.1	-	49.0	48.3	49.8	50.0	-
Construction and related machinery	353	207.5	207.0	206.6	207.2	-	124.6	124.0	125.4	126.2	-
Construction machinery	3531	78.1	78.0	78.6	78.7	-	47.1	46.8	47.7	47.9	-
Mining machinery	3532	15.8	15.8	15.3	15.0	-	9.3	9.3	9.0	8.9	-
Oil and gas field machinery	3533	39.2	38.8	37.1	37.3	-	24.9	24.7	24.0	24.4	-
Conveyors and conveying equipment	3535	33.3	33.0	33.5	34.1	-	18.1	18.0	18.7	19.0	-
Industrial trucks and tractors	3537	24.3	24.5	25.1	25.2	-	16.0	16.0	16.5	16.5	-
Metalworking machinery	354	301.1	301.6	304.5	304.6	-	211.3	211.6	213.7	213.7	-
Machine tools, metal cutting types	3541	38.5	38.2	36.6	36.5	-	23.7	23.5	22.2	22.1	-
Machine tools, metal forming types	3542	15.2	15.3	15.1	15.1	-	9.2	9.2	9.3	9.4	-
Special dies, tools, jigs, and fixtures	3544	136.6	136.7	141.0	141.7	-	103.9	103.8	107.6	108.3	-
Machine tool accessories	3545	48.5	48.7	48.2	47.9	-	34.1	34.3	33.6	33.2	-
Power driven handtools	3546	23.1	23.2	23.5	23.3	-	15.4	15.5	15.9	15.4	-
Special industry machinery	355	148.0	148.0	145.3	145.7	-	84.7	84.9	83.5	83.5	-
Textile machinery	3552	15.1	15.1	15.6	15.7	-	10.1	10.2	10.4	10.4	-
Printing trades machinery	3555	22.6	22.1	20.7	20.6	-	11.7	11.5	11.2	11.0	-
Food products machinery	3556	22.7	22.8	22.6	22.7	-	13.3	13.5	13.5	13.5	-
General industrial machinery	356	235.8	237.1	232.4	232.7	-	149.7	150.6	147.9	147.9	-
Pumps and pumping equipment	3561	31.5	31.5	30.4	30.4	-	17.7	17.7	16.8	16.8	-
Ball and roller bearings	3562	38.8	39.1	36.7	36.3	-	30.6	30.9	29.2	28.9	-
Air and gas compressors	3563	25.1	25.4	24.8	24.9	-	13.9	14.0	13.5	13.7	-
Blowers and fans	3564	31.0	31.3	30.9	31.2	-	21.2	21.3	20.9	20.9	-
Speed changers, drives, and gears	3566	15.9	16.0	16.1	16.2	-	11.1	11.2	11.3	11.4	-
Power transmission equipment, nec	3568	19.1	19.2	19.4	19.5	-	12.5	12.7	12.9	12.9	-
Computer and office equipment	357	394.3	394.4	367.4	365.2	-	128.6	129.0	123.3	122.3	-
Electronic computers	3571	243.9	242.8	216.8	214.5	-	61.6	61.3	55.9	55.2	-
Computer terminals, calculators, and office machines, nec	3575,8,9	59.1	59.2	56.3	56.2	-	26.5	26.4	25.0	24.7	-
Refrigeration and service machinery	358	176.2	178.1	175.6	177.1	-	124.2	125.7	122.8	124.2	-
Refrigeration and heating equipment	3585	122.1	123.6	120.0	121.2	-	90.2	91.4	88.2	89.3	-
Misc. industrial and commercial machinery	359	289.6	289.9	286.3	286.0	-	209.3	209.8	208.8	208.5	-
Carburetors, pistons, rings, valves	3592	21.0	20.9	20.6	20.7	-	17.1	17.0	16.7	16.8	-
Scales, balances, and industrial machinery, nec	3596,9	225.1	225.5	223.8	223.5	-	167.4	167.9	167.9	167.6	-
Electronic and other electrical equipment	36	1,526.3	1,530.9	1,511.3	1,509.5	1,511.5	970.4	975.1	966.1	965.7	969.4
Electric distribution equipment	361	82.9	83.0	81.1	80.9	-	56.9	57.1	56.4	56.2	-
Transformers, except electronic	3612	41.3	41.3	40.5	40.3	-	29.0	29.1	29.1	28.9	-
Switchgear and switchboard apparatus	3613	41.6	41.7	40.6	40.6	-	27.9	28.0	27.3	27.3	-
Electrical industrial apparatus	362	157.8	158.8	156.9	157.6	-	111.3	111.8	110.1	110.7	-
Motors and generators	3621	78.4	78.9	78.8	79.2	-	60.7	61.1	61.2	61.5	-
Relays and industrial controls	3625	60.2	60.7	58.7	59.0	-	37.2	37.4	35.2	35.5	-
Household appliances	363	119.0	118.9	121.8	122.3	-	95.6	95.7	97.7	98.0	-
Household refrigerators and freezers	3632	28.3	28.6	28.3	28.7	-	23.2	23.7	24.5	24.9	-
Household laundry equipment	3633	18.8	18.6	18.2	18.2	-	14.5	14.3	14.0	14.0	-
Electric housewares and fans	3634	28.6	28.6	28.9	29.4	-	22.3	22.2	22.4	22.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Durable goods—Continued											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment	364	173.3	174.1	172.9	171.2	-	125.3	125.9	124.5	123.9	-
Electric lamps	3641	21.2	21.0	20.8	20.8	-	17.8	17.6	16.8	16.7	-
Current-carrying wiring devices	3643	64.0	64.6	63.6	63.2	-	42.8	43.2	42.2	42.4	-
Noncurrent-carrying wiring devices	3644	19.1	19.1	19.0	19.0	-	13.6	13.7	13.7	13.6	-
Residential lighting fixtures	3645	20.0	20.3	20.5	20.2	-	15.2	15.3	15.6	15.3	-
Household audio and video equipment	365	80.6	81.7	81.0	81.3	-	54.0	55.0	53.5	53.7	-
Household audio and video equipment	3651	58.6	59.1	55.8	56.3	-	37.8	38.5	35.0	35.2	-
Communications equipment	366	236.2	236.1	231.7	231.3	-	119.3	119.2	118.8	118.7	-
Telephone and telegraph apparatus	3661	107.8	107.6	106.2	106.1	-	58.6	58.4	59.0	58.9	-
Electronic components and accessories	367	525.0	527.0	518.6	517.7	-	303.5	305.9	303.4	302.7	-
Electron tubes	3671	27.0	26.7	24.5	24.4	-	18.1	17.8	16.5	16.3	-
Semiconductors and related devices	3674	217.4	218.8	213.5	212.8	-	89.4	91.2	90.2	89.6	-
Electronic components, nec	3679	125.5	126.0	121.7	122.0	-	81.7	82.0	78.7	79.8	-
Misc. electrical equipment and supplies	369	151.5	151.3	147.3	147.2	-	104.5	104.5	101.7	101.8	-
Storage batteries	3691	24.7	25.1	24.1	24.2	-	19.0	19.3	18.4	18.5	-
Engine electrical equipment	3694	64.7	64.2	60.9	60.9	-	49.1	48.9	47.0	46.9	-
Transportation equipment	37	1,850.2	1,843.9	1,742.7	1,730.8	1,723.9	1,159.0	1,156.4	1,109.7	1,102.8	1,099.2
Motor vehicles and equipment	371	824.4	823.2	812.8	814.9	818.2	630.7	630.6	625.8	628.3	631.7
Motor vehicles and car bodies	3711	324.8	319.6	313.6	311.9	-	236.7	231.9	227.5	226.5	-
Truck and bus bodies	3713	34.2	34.9	34.7	35.6	-	26.8	27.5	27.4	28.2	-
Motor vehicle parts and accessories	3714	421.9	424.4	417.4	419.5	-	333.9	336.9	333.4	335.5	-
Truck trailers	3715	25.4	26.1	28.5	29.2	-	19.7	20.5	22.8	23.5	-
Aircraft and parts	372	618.2	614.7	556.8	547.5	540.9	295.3	293.0	261.3	254.8	-
Aircraft	3721	334.9	333.3	306.7	304.5	-	139.8	138.5	126.2	124.6	-
Aircraft engines and engine parts	3724	128.3	127.8	116.2	112.7	-	65.2	65.1	57.9	55.4	-
Aircraft parts and equipment, nec	3728	155.0	153.6	133.9	130.3	-	90.3	89.4	77.2	74.8	-
Ship and boat building and repairing	373	170.6	170.8	160.9	158.2	-	131.3	130.8	125.5	123.2	-
Ship building and repairing	3731	124.9	124.7	113.9	111.4	-	94.1	93.5	86.7	84.8	-
Boat building and repairing	3732	45.7	46.1	47.0	46.8	-	37.2	37.3	38.8	38.4	-
Railroad equipment	374	27.8	28.0	27.0	27.2	-	20.4	20.8	20.0	20.1	-
Guided missiles, space vehicles, and parts	376	147.5	145.3	123.2	121.4	-	39.7	39.2	34.8	34.2	-
Guided missiles and space vehicles	3761	107.0	105.0	89.2	87.6	-	27.3	26.8	23.4	22.9	-
Miscellaneous transportation equipment	379	45.7	45.8	45.4	44.9	-	29.8	30.1	30.0	29.7	-
Travel trailers and campers	3792	17.1	17.1	18.3	17.9	-	13.7	13.7	15.0	14.6	-
Instruments and related products	38	928.2	929.3	890.5	884.8	883.4	456.7	456.4	436.6	432.1	429.7
Search and navigation equipment	381	231.3	229.1	206.3	202.3	-	73.9	72.6	66.1	62.9	-
Measuring and controlling devices	382	292.2	292.4	279.9	278.5	-	155.2	154.6	144.5	144.0	-
Environmental controls	3822	43.7	43.9	42.1	42.3	-	30.1	30.3	28.2	28.1	-
Process control instruments	3823	60.9	60.8	56.9	56.8	-	29.6	29.3	27.1	27.2	-
Instruments to measure electricity	3825	76.5	76.5	73.6	72.7	-	37.7	37.5	35.3	34.9	-
Medical instruments and supplies	384	263.4	264.5	265.5	265.3	-	152.3	153.4	153.8	153.4	-
Surgical and medical instruments	3841	106.6	107.4	108.9	109.1	-	62.7	63.6	65.1	64.6	-
Surgical appliances and supplies	3842	95.6	95.7	96.4	96.1	-	62.2	62.4	61.6	61.6	-
Ophthalmic goods	385	37.7	38.5	37.7	37.7	-	25.4	26.0	25.4	25.5	-
Photographic equipment and supplies	386	94.6	96.0	92.7	92.6	-	42.7	42.7	40.1	39.6	-
Watches, clocks, watchcases, and parts	387	9.0	8.8	8.4	8.4	-	7.2	7.1	6.7	6.7	-
Miscellaneous manufacturing industries	39	363.5	365.6	361.2	361.9	362.6	262.4	263.1	259.8	259.5	259.8
Jewelry, silverware, and plated ware	391	49.3	49.2	49.7	49.6	-	35.2	35.0	35.4	35.1	-
Jewelry, precious metal	3911	36.2	36.1	36.8	36.8	-	25.6	25.5	26.2	25.9	-
Musical instruments	393	12.8	13.3	13.2	12.6	-	10.4	10.9	10.9	10.4	-
Toys and sporting goods	394	107.4	107.4	105.8	106.2	-	78.6	77.8	76.3	76.3	-
Dolls, games, toys, and children's vehicles	3942,4	41.9	41.8	40.8	40.9	-	29.7	29.2	28.3	28.2	-
Sporting and athletic goods, nec	3949	65.5	65.6	65.0	65.3	-	48.9	48.6	48.0	48.1	-
Pens, pencils, office, and art supplies	395	33.1	33.4	31.2	31.3	-	22.4	22.6	20.9	20.9	-
Costume jewelry and notions	396	30.2	30.3	29.9	29.7	-	22.0	21.9	22.2	22.1	-
Costume jewelry	3961	18.3	18.3	18.1	17.9	-	13.0	12.8	13.2	12.9	-
Miscellaneous manufactures	399	130.7	132.0	131.4	132.5	-	93.8	94.9	94.1	94.7	-
Signs and advertising specialties	3993	51.9	52.5	52.8	53.1	-	35.7	36.3	35.8	35.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Nondurable goods		7,772	7,849	7,701	7,732	7,798	5,422	5,485	5,370	5,392	5,445
Food and kindred products	20	1,620.3	1,657.4	1,598.4	1,611.8	1,644.5	1,172.2	1,205.7	1,156.6	1,166.0	1,195.7
Meat products	201	426.8	432.7	437.4	439.0	-	362.2	367.9	370.8	372.6	-
Meat packing plants	2011	133.1	134.8	132.8	133.7	-	111.9	113.7	110.9	112.1	-
Sausages and other prepared meats	2013	87.8	89.9	89.8	90.0	-	66.1	68.4	67.7	68.0	-
Poultry slaughtering and processing	2015	205.9	208.0	214.8	215.3	-	184.2	185.8	192.2	192.5	-
Dairy products	202	152.8	155.3	150.0	151.9	-	95.3	97.0	94.6	95.6	-
Cheese, natural and processed	2022	39.9	40.8	38.7	39.0	-	31.1	31.8	31.0	31.2	-
Fluid milk	2026	70.5	70.7	68.6	69.2	-	36.1	36.4	35.8	36.0	-
Preserved fruits and vegetables	203	227.7	245.8	213.5	221.4	-	189.3	205.8	174.1	181.4	-
Canned specialties	2032	21.3	21.5	21.4	21.8	-	17.5	17.6	17.6	17.7	-
Canned fruits and vegetables	2033	71.0	81.2	62.5	66.2	-	58.4	68.2	49.6	53.0	-
Frozen fruits and vegetables	2037	47.8	50.5	44.0	45.5	-	41.9	44.2	37.8	39.5	-
Grain mill products	204	123.6	124.3	121.6	121.7	-	87.0	87.5	86.7	86.3	-
Flour and other grain mill products	2041	18.9	19.0	19.3	19.3	-	12.2	12.3	12.8	12.9	-
Prepared feeds, nec	2048	42.0	42.0	41.5	41.3	-	26.5	26.6	26.9	26.2	-
Bakery products	205	206.6	207.1	204.4	204.3	-	132.2	133.1	130.9	130.7	-
Bread, cake, and related products	2051	148.2	148.3	146.2	146.9	-	87.4	87.9	86.6	87.2	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	58.4	58.8	58.2	57.4	-	44.8	45.2	44.3	43.5	-
Sugar and confectionery products	206	97.4	99.2	93.1	91.8	-	74.5	76.2	71.5	69.9	-
Raw cane sugar	2061	7.4	7.1	6.3	6.5	-	5.5	5.4	5.4	5.5	-
Cane sugar refining	2062	5.1	5.1	4.9	4.9	-	3.7	3.7	3.5	3.5	-
Beet sugar	2063	7.3	7.0	8.1	7.2	-	6.0	5.7	7.0	6.1	-
Candy and other confectionery products	2064	48.5	50.4	45.3	44.7	-	38.4	40.1	35.0	34.2	-
Fats and oils	207	31.7	31.8	31.2	31.5	-	20.8	21.0	21.2	20.9	-
Beverages	208	174.6	176.8	174.3	177.0	-	77.1	78.2	78.4	80.3	-
Malt beverages	2082	39.7	39.9	38.4	39.0	-	24.0	24.2	23.2	24.0	-
Bottled and canned soft drinks	2086	92.6	93.9	94.3	95.4	-	33.0	33.4	35.6	36.3	-
Misc. food and kindred products	209	179.1	184.4	172.9	173.2	-	133.8	139.0	128.4	128.3	-
Tobacco products	21	45.0	45.1	44.7	44.2	44.4	33.2	33.1	33.0	32.4	32.6
Cigarettes	211	34.8	35.3	33.1	33.3	-	26.3	26.6	25.0	25.1	-
Textile mill products	22	670.6	676.4	667.4	669.0	670.9	575.1	580.0	568.9	570.2	571.7
Broadwoven fabric mills, cotton	221	86.0	85.9	85.9	85.6	-	76.7	76.4	76.3	76.0	-
Broadwoven fabric mills, synthetics	222	69.0	69.4	68.9	68.8	-	60.0	60.2	58.5	58.3	-
Broadwoven fabric mills, wool	223	17.6	17.8	17.7	17.8	-	14.8	14.9	14.8	15.0	-
Narrow fabric mills	224	21.2	21.2	21.6	21.7	-	17.9	17.8	18.3	18.3	-
Knitting mills	225	200.5	204.6	196.6	198.0	-	175.0	178.7	170.3	171.5	-
Women's hosiery, except socks	2251	29.6	29.7	27.8	28.2	-	26.5	26.5	24.6	25.0	-
Hosiery, nec	2252	40.1	40.4	39.0	38.8	-	36.2	36.6	35.0	34.8	-
Knit outerwear mills	2253	54.4	57.9	55.5	55.9	-	47.6	50.7	48.1	48.5	-
Knit underwear mills	2254	27.2	27.4	26.5	26.4	-	23.5	23.7	22.8	22.7	-
Weft knit fabric mills	2257	27.9	27.9	26.7	27.4	-	23.8	23.8	22.6	23.1	-
Textile finishing, except wool	226	68.2	68.5	68.9	69.2	-	56.2	56.6	56.5	56.7	-
Finishing plants, cotton	2261	30.9	30.9	30.9	31.0	-	25.5	25.6	25.6	25.7	-
Finishing plants, synthetics	2262	23.3	23.4	23.9	23.8	-	18.8	18.9	19.1	19.0	-
Carpets and rugs	227	58.3	58.8	59.7	59.6	-	47.3	47.5	48.1	48.0	-
Yarn and thread mills	228	98.6	98.7	97.6	97.7	-	88.1	88.4	87.4	87.6	-
Yarn spinning mills	2281	78.2	78.4	77.7	77.7	-	70.3	70.6	70.1	70.1	-
Throwing and winding mills	2282	13.7	13.6	13.4	13.5	-	11.9	11.8	11.7	11.8	-
Miscellaneous textile goods	229	51.2	51.5	50.5	50.6	-	39.1	39.5	38.7	38.8	-
Apparel and other textile products	23	1,012.7	1,016.5	986.4	989.4	991.7	849.4	852.1	827.6	830.8	831.5
Men's and boys' suits and coats	231	44.5	45.0	43.5	43.0	-	37.3	37.5	36.2	35.8	-
Men's and boys' furnishings	232	279.0	281.8	273.3	276.0	-	239.8	242.3	235.6	238.4	-
Men's and boys' shirts	2321	67.2	67.8	65.2	65.8	-	57.5	57.8	56.2	56.6	-
Men's and boys' trousers and slacks	2325	84.8	86.0	83.5	84.3	-	74.0	75.1	72.7	73.7	-
Men's and boys' work clothing	2326	40.6	41.2	40.6	40.7	-	35.3	36.0	35.4	35.6	-
Women's and misses' outerwear	233	320.9	320.0	306.3	305.7	-	269.7	268.4	256.9	255.8	-
Women's and misses' blouses and shirts	2331	37.0	37.0	35.1	34.8	-	30.5	30.5	28.5	28.3	-
Women's, juniors', and misses' dresses	2335	57.2	57.0	50.4	49.7	-	46.6	46.2	40.6	39.9	-
Women's and misses' suits and coats	2337	33.9	34.8	29.9	30.9	-	28.8	29.4	24.9	26.0	-
Women's and misses' outerwear, nec	2339	192.8	191.2	190.9	190.3	-	163.8	162.3	162.9	161.6	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	58.2	58.6	55.7	55.2	-	47.6	47.8	46.1	45.9	-
Women's and children's underwear	2341	46.6	46.8	43.6	43.2	-	39.6	39.7	37.3	37.1	-
Brassieres, girdles, and allied garments	2342	11.6	11.8	12.1	12.0	-	8.0	8.1	8.8	8.8	-
Girls' and children's outerwear	236	49.7	50.3	44.5	45.4	-	42.1	42.8	37.7	38.6	-
Girls' and children's dresses and blouses	2361	19.8	19.9	18.2	18.6	-	17.2	17.3	15.6	16.0	-
Misc. apparel and accessories	238	41.5	41.2	41.1	40.7	-	34.0	33.7	33.2	33.1	-
Misc. fabricated textile products	239	199.6	200.1	200.8	201.8	-	162.8	163.3	164.4	165.4	-
Curtains and draperies	2391	20.7	20.7	19.4	19.7	-	17.0	17.0	15.6	15.8	-
House furnishings, nec	2392	51.4	51.3	51.3	50.8	-	43.2	43.2	43.6	43.1	-
Automotive and apparel trimmings	2396	51.6	52.0	53.0	53.3	-	42.2	42.6	43.3	43.7	-
Paper and allied products	26	686.0	693.7	678.0	679.1	685.9	516.8	523.3	510.3	511.6	518.2
Paper mills	262	172.9	175.3	168.5	168.5	-	131.3	133.3	128.2	128.3	-
Paperboard mills	263	51.1	52.4	51.5	51.5	-	39.3	40.3	39.4	39.4	-
Paperboard containers and boxes	265	210.5	212.6	209.2	209.6	-	164.5	166.3	163.2	163.6	-
Corrugated and solid fiber boxes	2653	120.9	121.8	121.7	121.5	-	90.6	91.3	91.8	91.6	-
Sanitary food containers	2656	16.6	16.9	16.1	16.3	-	14.6	14.9	14.2	14.4	-
Folding paperboard boxes	2657	49.5	49.9	48.6	48.8	-	40.3	40.6	39.2	39.3	-
Misc. converted paper products	267	237.6	239.4	235.5	236.0	-	171.0	172.5	169.3	169.9	-
Paper, coated and laminated, nec	2672	44.2	44.9	44.3	44.5	-	21.3	21.8	21.2	21.4	-
Bags: plastics, laminated, and coated	2673	36.0	36.0	35.3	35.4	-	26.9	26.9	26.4	26.3	-
Envelopes	2677	23.5	23.5	23.7	23.7	-	18.1	18.0	18.2	18.2	-
Printing and publishing	27	1,503.9	1,504.3	1,503.3	1,504.8	1,504.9	832.1	830.4	833.7	832.7	831.2
Newspapers	271	449.0	451.4	449.0	450.3	-	156.8	157.7	156.4	156.6	-
Periodicals	272	123.1	123.4	124.5	124.5	-	42.5	41.9	43.5	42.7	-
Books	273	119.2	117.2	120.6	119.9	-	67.0	65.4	67.6	66.7	-
Book publishing	2731	83.0	81.1	83.0	82.8	-	37.2	35.7	36.4	36.1	-
Book printing	2732	36.2	36.1	37.6	37.1	-	29.8	29.7	31.2	30.6	-
Miscellaneous publishing	274	79.2	79.3	81.6	82.2	-	39.3	39.3	39.0	39.2	-
Commercial printing	275	531.4	530.1	529.9	530.3	-	383.8	382.4	384.9	384.9	-
Commercial printing, lithographic	2752	349.8	348.5	347.8	347.7	-	251.3	250.0	251.8	251.5	-
Commercial printing, nec	2759	162.6	162.6	164.1	164.3	-	117.3	117.2	118.6	118.7	-
Manifold business forms	276	47.9	47.8	46.8	46.6	-	32.9	32.9	32.7	32.6	-
Blankbooks and bookbinding	278	68.9	69.8	66.3	66.3	-	52.7	53.3	50.3	50.4	-
Printing trade services	279	58.7	58.6	59.2	59.4	-	42.4	42.4	43.1	43.3	-
Chemicals and allied products	28	1,082.2	1,091.9	1,071.2	1,075.1	1,086.2	568.7	573.8	563.2	566.9	573.0
Industrial inorganic chemicals	281	137.4	138.4	136.6	136.6	-	62.1	62.3	58.7	58.8	-
Industrial inorganic chemicals, nec	2819	89.4	89.9	88.8	88.9	-	41.5	41.7	39.6	39.8	-
Plastics materials and synthetics	282	173.4	174.3	167.3	169.0	-	104.6	105.4	103.1	104.0	-
Plastics materials and resins	2821	84.1	84.9	82.7	82.8	-	50.6	51.5	51.1	51.2	-
Organic fibers, noncellulosic	2824	61.9	61.8	57.5	59.1	-	36.6	36.1	33.5	34.4	-
Drugs	283	254.1	257.8	259.5	259.9	-	111.5	113.4	114.0	114.7	-
Pharmaceutical preparations	2834	209.1	212.0	213.5	213.8	-	93.9	95.5	95.2	95.8	-
Soap, cleaners, and toilet goods	284	152.5	155.1	151.8	152.9	-	93.2	95.0	92.5	93.7	-
Soap and other detergents	2841	41.6	42.0	41.5	41.6	-	26.4	26.5	25.5	25.4	-
Polishing, sanitation, and finishing preparations	2842,3	42.9	43.4	42.4	42.5	-	23.5	24.0	24.0	24.5	-
Toilet preparations	2844	68.0	69.7	67.9	68.8	-	43.3	44.5	43.0	43.8	-
Paints and allied products	285	58.4	59.1	57.9	58.3	-	30.2	31.0	30.2	30.4	-
Industrial organic chemicals	286	153.8	154.4	150.5	150.4	-	76.1	75.9	77.1	77.6	-
Cyclic crudes and intermediates	2865	25.9	25.8	25.3	25.5	-	15.0	14.9	14.6	14.7	-
Industrial organic chemicals, nec	2869	124.5	125.2	121.9	121.6	-	58.6	58.5	60.1	60.5	-
Agricultural chemicals	287	59.3	58.9	58.0	58.2	-	35.7	35.2	34.6	34.6	-
Miscellaneous chemical products	289	93.3	93.9	89.6	89.8	-	55.3	55.6	53.0	53.1	-
Petroleum and coal products	29	160.9	162.4	154.5	156.8	159.6	105.8	107.1	101.8	103.8	104.8
Petroleum refining	291	121.3	121.9	115.6	115.5	-	78.2	78.9	75.1	74.9	-
Asphalt paving and roofing materials	295	27.6	28.4	27.3	29.7	-	21.2	21.8	20.6	22.9	-
Rubber and misc. plastics products	30	871.1	881.3	882.1	885.4	892.6	671.7	681.4	681.9	684.7	692.2
Tires and inner tubes	301	80.2	82.1	83.5	83.6	-	59.8	61.2	62.2	62.0	-
Rubber and plastics footwear	302	11.4	11.3	11.2	11.8	-	9.2	9.2	9.6	9.7	-
Hose, belting, gaskets, and packing	305	58.9	59.6	59.8	59.8	-	43.2	44.1	44.5	44.4	-
Rubber and plastics hose and belting	3052	23.3	23.4	23.3	23.3	-	17.8	17.9	17.9	17.9	-
Fabricated rubber products, nec	306	101.3	102.5	101.0	101.3	-	75.6	76.9	76.4	76.6	-
Miscellaneous plastics products, nec	308	619.3	625.8	626.6	628.9	-	483.9	490.0	489.2	492.0	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Nondurable goods—Continued											
Leather and leather products	31	119.5	120.2	115.4	116.0	116.9	97.0	97.7	92.8	93.3	93.9
Leather tanning and finishing	311	15.6	15.6	15.4	15.3	-	12.9	12.7	12.6	12.6	-
Footwear, except rubber	314	64.3	64.6	60.8	61.5	-	53.8	54.4	50.4	51.1	-
Men's footwear, except athletic	3143	29.3	29.0	28.1	28.9	-	23.4	23.4	22.1	22.8	-
Women's footwear, except athletic	3144	23.7	24.1	21.6	21.3	-	20.7	21.0	18.6	18.3	-
Luggage	316	10.4	10.5	10.1	10.2	-	7.4	7.5	7.4	7.4	-
Handbags and personal leather goods	317	12.0	12.0	11.5	11.6	-	8.8	8.8	8.2	8.3	-
Transportation and public utilities		5,709	5,743	5,677	5,719	5,752	4,765	4,803	4,749	4,787	4,823
Transportation		3,489	3,508	3,481	3,518	3,540	-	-	-	-	-
Railroad transportation	40	257.4	256.2	250.5	252.6	-	-	-	-	-	-
Class I railroads ²	4011	224.6	223.6	218.0	219.8	-	-	-	-	-	-
Local and interurban passenger transit	41	371.5	354.8	374.8	383.1	-	341.7	325.1	344.0	352.4	-
Local and suburban transportation	411	160.3	159.6	160.0	160.8	-	145.7	144.8	145.4	146.2	-
Taxicabs	412	29.8	29.5	29.2	29.0	-	-	-	-	-	-
Intercity and rural bus transportation	413	22.5	22.7	22.5	22.3	-	20.0	20.2	20.0	19.8	-
School buses	415	129.8	114.0	135.8	142.3	-	-	-	-	-	-
Trucking and warehousing	42	1,592.1	1,618.0	1,594.6	1,613.7	1,637.1	1,384.3	1,410.2	1,386.1	1,404.5	-
Trucking and courier services, except air	421	1,469.9	1,494.5	1,473.1	1,492.0	-	1,282.4	1,306.8	1,285.2	1,303.5	-
Public warehousing and storage	422	118.7	120.2	118.5	118.6	-	98.7	100.4	98.2	98.3	-
Water transportation	44	174.3	178.1	166.5	169.5	-	-	-	-	-	-
Water transportation of freight, nec	444	14.3	14.3	13.4	13.3	-	-	-	-	-	-
Water transportation services	449	108.3	110.0	104.7	107.0	-	96.6	98.0	92.9	94.7	-
Transportation by air	45	728.4	734.1	729.2	734.3	738.9	-	-	-	-	-
Air transportation, scheduled	451	600.8	605.1	601.9	607.0	-	-	-	-	-	-
Air transportation, scheduled	4512	502.6	505.5	493.2	497.7	-	-	-	-	-	-
Airports, flying fields, and services	458	97.9	98.6	98.4	97.7	-	-	-	-	-	-
Pipelines, except natural gas	46	19.1	19.4	17.7	17.6	-	14.4	14.8	13.5	13.5	-
Transportation services	47	345.9	347.5	348.1	347.4	-	273.1	274.5	274.1	272.2	-
Passenger transportation arrangement	472	183.7	185.2	185.1	184.6	-	144.4	145.5	145.7	144.7	-
Travel agencies	4724	147.2	148.3	148.0	147.5	-	115.5	116.1	115.2	114.3	-
Freight transportation arrangement	473	132.2	131.7	132.4	131.8	-	103.9	103.6	102.9	101.6	-
Communications and public utilities		2,220	2,235	2,196	2,201	2,212	-	-	-	-	-
Communications	48	1,266.0	1,271.3	1,253.3	1,254.4	-	975.6	983.2	973.1	972.5	-
Telephone communications	481	884.8	889.1	873.5	875.0	-	661.9	668.2	659.4	659.2	-
Telephone communications, except radio	4813	833.4	837.1	816.4	817.3	-	624.3	630.2	617.2	616.8	-
Radio and television broadcasting	483	226.9	227.3	225.4	225.1	-	188.5	189.1	188.0	188.0	-
Radio broadcasting stations	4832	113.1	113.6	111.1	111.0	-	-	-	-	-	-
Television broadcasting stations	4833	113.8	113.7	114.3	114.1	-	-	-	-	-	-
Cable and other pay television services	484	128.6	128.9	129.2	129.3	-	109.0	109.5	109.8	109.7	-
Electric, gas, and sanitary services	49	954.2	963.6	942.4	946.8	-	751.4	761.8	739.4	744.5	-
Electric services	491	443.4	446.1	432.8	433.7	-	343.4	346.9	336.5	338.1	-
Gas production and distribution	492	162.8	164.8	160.6	161.0	-	128.4	130.4	124.8	125.9	-
Combination utility services	493	191.5	193.2	189.5	190.1	-	147.3	149.3	143.2	143.7	-
Sanitary services	495	126.4	128.9	129.5	131.7	-	108.6	111.0	111.3	113.1	-
Wholesale trade		6,044	6,085	6,084	6,119	6,153	4,855	4,896	4,899	4,937	4,966
Durable goods	50	3,476	3,490	3,478	3,487	3,507	2,758	2,774	2,770	2,780	-
Motor vehicles, parts, and supplies	501	449.1	451.9	452.2	454.9	-	360.6	362.9	363.4	365.7	-
Automobiles and other motor vehicles	5012	112.7	112.4	113.2	113.9	-	-	-	-	-	-
Motor vehicle supplies and new parts	5013	267.0	269.0	269.0	270.6	-	-	-	-	-	-
Furniture and home furnishings	502	137.2	138.6	137.8	138.6	-	108.3	109.4	109.2	110.1	-
Furniture	5021	63.2	63.5	63.5	64.2	-	-	-	-	-	-
Home furnishings	5023	74.0	75.1	74.3	74.4	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Wholesale trade—Continued											
Durable goods—Continued											
Lumber and other construction materials	503	216.1	219.7	225.3	228.1	-	173.0	176.4	182.2	184.5	-
Lumber, plywood, and millwork	5031	111.0	112.6	116.5	117.2	-	-	-	-	-	-
Construction materials, nec	5039	38.7	39.5	39.3	39.8	-	-	-	-	-	-
Professional and commercial equipment	504	765.4	763.2	744.1	741.5	-	619.1	617.9	601.6	600.9	-
Office equipment	5044	190.1	188.7	184.7	184.6	-	-	-	-	-	-
Computers, peripherals and software	5045	292.5	290.7	267.8	265.7	-	-	-	-	-	-
Medical and hospital equipment	5047	147.5	147.4	154.9	155.5	-	120.9	121.1	127.3	128.1	-
Metals and minerals, except petroleum	505	131.3	131.9	131.0	131.4	-	103.8	104.4	104.2	104.4	-
Electrical goods	506	459.7	461.5	480.5	482.1	-	352.2	354.4	372.9	374.7	-
Electrical apparatus and equipment	5063	193.2	194.2	204.7	206.1	-	-	-	-	-	-
Electrical appliances, television and radio sets	5064	52.1	51.8	52.6	52.5	-	-	-	-	-	-
Electronic parts and equipment	5065	214.4	215.5	223.2	223.5	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	266.1	268.7	266.9	267.6	-	210.9	213.8	213.0	213.7	-
Hardware	5072	91.4	92.4	91.9	92.3	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	110.0	110.7	109.6	109.9	-	-	-	-	-	-
Machinery, equipment, and supplies	508	755.9	756.8	743.2	745.5	-	595.2	597.7	585.6	587.3	-
Construction and mining machinery	5082	73.0	72.8	71.5	71.6	-	-	-	-	-	-
Farm and garden machinery	5083	113.9	114.5	111.6	113.7	-	-	-	-	-	-
Industrial machinery and equipment	5084	307.9	308.0	304.7	304.8	-	-	-	-	-	-
Industrial supplies	5085	141.8	142.2	139.1	139.1	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	294.9	297.2	296.8	297.6	-	234.4	236.9	237.9	238.9	-
Scrap and waste materials	5093	107.6	107.9	105.9	105.7	-	-	-	-	-	-
Nondurable goods	51	2,568	2,595	2,606	2,632	2,646	2,097	2,122	2,129	2,157	-
Paper and paper products	511	234.8	236.9	243.4	245.2	-	190.3	191.4	197.3	198.9	-
Stationery and office supplies	5112	126.6	127.4	132.6	133.0	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	193.5	196.4	205.1	204.9	-	161.4	163.8	170.9	170.7	-
Apparel, piece goods, and notions	513	204.2	207.4	208.6	207.8	-	159.1	163.1	165.0	164.2	-
Groceries and related products	514	851.7	868.0	860.0	872.0	-	714.9	731.2	721.6	735.4	-
Groceries, general line	5141	269.5	272.0	272.3	273.4	-	-	-	-	-	-
Meats and meat products	5147	59.6	60.0	61.2	61.7	-	-	-	-	-	-
Fresh fruits and vegetables	5148	103.0	109.7	97.0	103.7	-	-	-	-	-	-
Farm-product raw materials	515	115.7	115.7	115.1	115.5	-	94.6	94.2	93.5	93.8	-
Chemicals and allied products	516	139.0	140.8	139.4	139.5	-	104.2	106.0	105.2	105.4	-
Petroleum and petroleum products	517	177.3	177.3	176.6	177.1	-	142.0	142.0	142.2	142.8	-
Petroleum bulk stations and terminals	5171	73.8	73.8	73.4	73.7	-	-	-	-	-	-
Petroleum products, nec	5172	103.5	103.5	103.2	103.4	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	147.1	150.2	146.5	148.1	-	119.6	122.1	119.3	120.9	-
Beer and ale	5181	95.2	97.4	95.3	96.6	-	-	-	-	-	-
Wine and distilled beverages	5182	51.9	52.8	51.2	51.5	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	505.1	502.5	511.7	522.1	-	410.7	408.3	413.8	424.9	-
Farm supplies	5191	163.6	160.1	166.3	172.5	-	-	-	-	-	-
Retail trade	52	19,364	19,525	19,412	19,707	19,902	17,051	17,210	17,077	17,356	17,535
Building materials and garden supplies	52	790.1	796.2	786.1	812.7	-	655.1	660.3	650.9	676.1	-
Lumber and other building materials	521	437.5	447.0	437.2	450.4	-	368.6	377.2	367.8	380.4	-
Paint, glass, and wallpaper stores	523	69.4	69.2	66.1	67.0	-	53.6	53.4	50.7	51.5	-
Hardware stores	525	157.2	158.7	157.2	160.7	-	128.9	130.3	128.7	131.7	-
Retail nurseries and garden stores	526	101.0	95.6	99.3	107.7	-	84.5	79.2	83.0	91.0	-
General merchandise stores	53	2,362.3	2,382.5	2,290.3	2,293.9	2,310.8	2,205.1	2,226.9	2,136.3	2,140.5	-
Department stores	531	1,994.0	2,010.8	1,932.7	1,934.6	-	1,877.0	1,895.4	1,818.2	1,820.3	-
Variety stores	533	159.8	162.0	157.3	157.7	-	143.9	146.4	142.1	142.4	-
Miscellaneous general merchandise stores	539	208.5	209.7	200.3	201.6	-	184.2	185.1	176.0	177.8	-
Food stores	54	3,169.3	3,204.6	3,166.6	3,183.6	3,220.3	2,883.5	2,920.3	2,885.1	2,901.0	-
Grocery stores	541	2,833.9	2,864.0	2,818.8	2,830.3	-	2,593.2	2,625.0	2,584.2	2,594.8	-
Meat and fish markets	542	47.6	48.9	52.5	52.2	-	-	-	-	-	-
Dairy products stores	545	18.1	18.9	16.4	17.7	-	-	-	-	-	-
Retail bakeries	546	165.8	166.2	165.6	167.2	-	148.3	148.8	148.2	149.3	-
Automotive dealers and service stations	55	1,970.8	1,990.8	2,006.7	2,026.7	2,049.4	1,636.7	1,656.7	1,665.1	1,682.0	-
New and used car dealers	551	871.6	880.2	895.3	900.2	-	722.4	730.6	744.4	749.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ²	June 1993 ²	May 1992	June 1992	Apr. 1993	May 1993 ²	June 1993 ²
Retail trade—Continued											
Automotive dealers and service stations—Continued											
Auto and home supply stores	553	335.8	338.2	347.8	351.9	-	265.5	267.5	274.3	277.4	-
Gasoline service stations	554	614.5	621.3	605.5	611.4	-	529.8	537.7	520.8	526.0	-
Automotive dealers, nec	559	7.5	7.4	6.9	6.9	-	6.3	6.1	5.8	5.8	-
Apparel and accessory stores											
Men's and boys' clothing stores	56	1,111.1	1,119.5	1,116.6	1,124.4	1,134.6	914.0	923.0	916.3	922.9	-
Women's clothing stores	561	88.9	89.5	87.2	86.9	-	72.5	72.8	69.9	70.0	-
Family clothing stores	562	371.2	370.9	370.6	374.8	-	304.8	305.5	302.1	305.3	-
Shoe stores	565	285.1	292.5	295.1	295.6	-	244.0	250.9	252.8	253.7	-
Shoe stores	566	204.0	204.5	204.3	203.8	-	159.3	159.8	160.2	159.0	-
Furniture and home furnishings stores											
Furniture and home furnishings stores	57	797.0	798.5	829.4	831.4	-	644.1	646.7	671.6	672.3	-
Furniture stores	571	434.4	438.0	453.4	457.6	-	351.1	354.5	367.2	370.3	-
Household appliance stores	5712	261.7	263.6	275.4	277.4	-	-	-	-	-	-
Radio, television, and computer stores	572	74.7	74.4	72.9	72.5	-	60.5	60.3	59.1	58.6	-
Radio, television, and electronic stores	573	287.9	286.1	303.1	301.3	-	232.5	231.9	245.3	243.4	-
Record and prerecorded tape stores	5731	119.1	117.7	124.9	124.8	-	97.1	96.3	101.6	101.5	-
Record and prerecorded tape stores	5735	63.3	63.1	66.8	65.8	-	51.3	51.2	54.0	53.2	-
Eating and drinking places	58	6,719.4	6,793.8	6,769.0	6,968.3	7,079.3	6,086.5	6,155.7	6,121.7	6,314.9	-
Miscellaneous retail establishments											
Drug stores and proprietary stores	59	2,444.0	2,438.8	2,447.5	2,466.3	-	2,025.6	2,020.3	2,030.1	2,046.4	-
Liquor stores	591	604.6	606.4	602.6	603.6	-	503.4	504.7	504.3	504.3	-
Used merchandise stores	592	114.3	116.1	111.6	113.5	-	-	-	-	-	-
Miscellaneous shopping goods stores	593	78.3	79.8	82.2	82.4	-	65.2	66.9	68.6	68.7	-
Sporting goods and bicycle shops	594	832.3	834.9	817.9	825.3	-	685.6	688.1	674.3	681.7	-
Book stores	5941	152.4	154.4	154.2	154.3	-	-	-	-	-	-
Stationery stores	5942	95.1	91.1	91.0	91.8	-	-	-	-	-	-
Jewelry stores	5943	72.3	71.4	72.0	71.4	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5944	132.7	133.8	133.5	133.9	-	-	-	-	-	-
Sewing, needlework, and piece goods	5947	185.3	189.8	170.6	180.7	-	-	-	-	-	-
Nonstore retailers	5949	66.1	64.9	62.9	61.9	-	-	-	-	-	-
Catalog and mail-order houses	596	278.4	278.2	290.4	281.7	-	237.1	237.0	246.4	238.9	-
Merchandising machine operators	5961	153.9	153.9	164.7	154.9	-	-	-	-	-	-
Fuel dealers	5962	75.2	75.1	77.6	77.9	-	-	-	-	-	-
Retail stores, nec	598	98.0	97.7	98.3	96.7	-	80.6	80.3	81.8	80.3	-
Florists, tobacco stores, and newsstands	599	438.1	425.7	444.5	463.1	-	361.5	350.0	364.7	381.0	-
Florists, tobacco stores, and newsstands	5992,3,4	156.1	139.8	153.9	164.6	-	-	-	-	-	-
Finance, insurance, and real estate³		6,578	6,637	6,558	6,589	6,654	4,753	4,808	4,748	4,779	4,841
Finance		3,153	3,176	3,185	3,192	3,220	-	-	-	-	-
Depository institutions											
Commercial banks	60	2,101.3	2,119.5	2,104.2	2,107.5	2,126.4	1,520.6	1,537.0	1,521.3	1,523.2	-
State commercial banks	602	1,489.0	1,502.6	1,483.3	1,487.7	-	1,062.1	1,074.6	1,055.7	1,058.3	-
National and commercial banks, nec	6022	602.1	607.9	608.4	610.6	-	432.5	438.0	434.4	435.8	-
Savings institutions	6021,9	886.9	894.7	874.9	877.1	-	629.6	636.6	621.3	622.5	-
Federal savings institutions	603	353.8	355.8	357.1	355.1	-	-	-	-	-	-
Savings institutions, except federal	6035	193.4	194.4	191.2	188.8	-	-	-	-	-	-
Credit unions	6036	160.4	161.4	165.9	166.3	-	-	-	-	-	-
Credit unions	606	137.5	138.7	143.5	144.1	-	108.9	110.0	113.6	114.2	-
Nondepository institutions											
Personal credit institutions	61	394.6	394.1	402.4	404.7	-	294.0	294.2	303.2	305.2	-
Business credit institutions	614	125.8	125.0	122.9	123.3	-	93.1	92.7	91.9	92.1	-
Mortgage bankers and brokers	615	80.9	80.6	80.1	79.5	-	-	-	-	-	-
Mortgage bankers and brokers	616	171.7	172.1	182.6	185.2	-	-	-	-	-	-
Security and commodity brokers											
Security brokers and dealers	62	436.7	441.4	454.1	456.0	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges	621	331.6	335.1	348.2	350.3	-	-	-	-	-	-
Security and commodity services	622,3	23.2	23.3	22.6	22.5	-	-	-	-	-	-
Security and commodity services	628	81.9	83.0	83.3	83.2	-	53.3	54.1	53.6	53.6	-
Holding and other investment offices											
Holding offices	67	220.0	220.7	224.0	223.9	-	-	-	-	-	-
Holding offices	671	100.5	100.8	99.0	98.8	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Finance, insurance, and real estate—Continued											
Insurance	63,64	2,137	2,140	2,108	2,110	2,118	-	-	-	-	-
Insurance carriers	63	1,483.6	1,485.8	1,461.2	1,463.0	-	1,000.7	1,002.1	999.0	1,003.4	-
Life insurance	631	540.2	539.6	521.0	520.8	-	324.1	322.7	322.3	323.8	-
Medical service and health insurance	632	268.0	269.1	270.1	270.3	-	218.2	219.1	221.1	221.0	-
Hospital and medical service plans	6324	206.3	207.5	209.6	209.9	-	171.7	172.8	175.7	176.0	-
Fire, marine, and casualty insurance	633	554.1	555.8	545.5	545.4	-	360.3	361.9	353.7	355.0	-
Title insurance	636	63.6	63.4	66.6	68.4	-	-	-	-	-	-
Insurance agents, brokers, and service	64	652.9	654.3	646.3	646.5	-	-	-	-	-	-
Real estate	65	1,288	1,321	1,265	1,287	1,316	-	-	-	-	-
Real estate operators and lessors	651	556.8	573.5	553.1	557.6	-	-	-	-	-	-
Real estate agents and managers	653	580.1	594.8	570.1	578.1	-	-	-	-	-	-
Subdividers and developers	655	120.9	122.2	109.7	118.3	-	-	-	-	-	-
Services		28,986	29,241	29,984	30,167	30,397	25,291	25,529	26,187	26,356	26,563
Agricultural services	07	532.6	547.8	511.6	554.8	572.5	447.8	462.2	425.3	465.4	-
Veterinary services	074	137.7	140.2	139.3	141.1	-	115.5	117.8	116.0	117.6	-
Landscape and horticultural services	078	352.7	364.9	330.9	372.1	-	297.5	309.2	275.6	314.0	-
Hotels and other lodging places	70	1,581.0	1,655.6	1,524.6	1,577.9	1,647.8	-	-	-	-	-
Hotels and motels	701	1,533.1	1,589.6	1,479.8	1,525.8	-	1,354.8	1,410.2	1,302.8	1,345.7	-
Personal services	72	1,081.5	1,080.6	1,139.6	1,095.1	1,090.3	-	-	-	-	-
Laundry, cleaning, and garment services	721	412.0	414.0	416.1	420.0	-	363.1	365.6	365.9	370.9	-
Photographic studios, portrait	722	68.4	67.3	69.2	71.3	-	-	-	-	-	-
Beauty shops	723	375.7	375.7	383.6	382.9	-	336.7	336.2	342.8	342.0	-
Funeral service and crematories	726	85.3	85.5	86.6	86.8	-	-	-	-	-	-
Miscellaneous personal services	729	119.6	117.8	164.2	114.3	-	101.2	99.8	146.5	95.9	-
Business services	73	5,269.0	5,335.8	5,597.5	5,691.4	5,760.2	4,640.3	4,703.5	4,958.3	5,052.0	-
Advertising	731	226.8	230.5	224.4	225.7	-	160.8	164.0	162.5	163.8	-
Advertising agencies	7311	155.1	157.1	151.0	150.7	-	-	-	-	-	-
Credit reporting and collection	732	113.8	114.4	118.1	117.6	-	-	-	-	-	-
Mailing, reproduction, and stenographic services	733	233.3	235.1	237.4	238.3	-	-	-	-	-	-
Photocopying and duplicating services	7334	52.5	53.0	52.4	52.4	-	43.1	43.4	42.8	42.9	-
Services to buildings	734	812.8	818.2	816.8	825.8	-	727.3	731.6	733.3	740.9	-
Miscellaneous equipment rental and leasing	735	207.4	210.2	207.5	213.8	-	166.1	168.6	165.8	172.0	-
Heavy construction equipment rental	7353	39.3	39.8	39.6	40.8	-	32.7	33.0	33.1	34.4	-
Personnel supply services	736	1,615.6	1,649.3	1,869.2	1,933.9	1,966.8	-	-	-	-	-
Employment agencies	7361	219.9	223.6	252.7	254.0	-	-	-	-	-	-
Help supply services	7363	1,395.7	1,425.7	1,616.5	1,679.9	-	1,351.9	1,381.4	1,562.6	1,627.8	-
Computer and data processing services	737	820.4	825.0	870.3	873.6	-	655.8	660.5	706.2	709.1	-
Computer programming services	7371	165.6	166.0	178.8	180.6	-	133.5	134.2	147.4	149.4	-
Prepackaged software	7372	129.5	131.5	140.0	141.0	-	-	-	-	-	-
Computer integrated systems design	7373	101.3	101.8	109.1	109.9	-	77.1	78.0	82.4	82.7	-
Data processing and preparation	7374	200.9	201.7	211.9	210.9	-	-	-	-	-	-
Information retrieval services	7375	44.9	45.1	48.8	49.3	-	35.4	35.6	39.6	39.9	-
Computer maintenance and repair	7378	42.5	42.8	41.9	41.5	-	36.1	36.7	35.4	35.1	-
Miscellaneous business services	738	1,238.9	1,253.1	1,253.8	1,262.7	-	1,091.1	1,104.2	1,101.1	1,108.8	-
Detective and armored car services	7381	466.6	470.0	472.7	476.8	-	435.8	438.2	441.2	445.7	-
Security systems services	7382	38.4	38.4	38.4	38.2	-	32.6	32.4	32.9	32.5	-
Photofinishing laboratories	7384	73.0	73.4	71.5	72.8	-	-	-	-	-	-
Auto repair, services, and parking	75	878.3	880.9	910.7	922.5	932.5	719.6	722.9	748.7	758.9	-
Automotive rentals, without drivers	751	158.2	161.4	162.8	165.8	-	124.2	127.9	130.8	133.3	-
Passenger car rental	7514	96.1	98.0	101.6	103.2	-	75.9	78.2	81.7	83.2	-
Automobile parking	752	58.3	58.3	57.5	57.6	-	52.2	52.1	51.1	51.0	-
Automotive repair shops	753	495.1	496.7	512.0	518.4	-	399.0	400.9	413.2	419.2	-
Automotive and tire repair shops	7532.4	171.2	171.0	178.6	180.1	-	139.3	139.4	146.0	147.5	-
General automotive repair shops	7538	205.7	206.6	212.3	214.6	-	166.9	167.9	172.4	174.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Services—Continued											
Auto repair, services, and parking—Continued											
Automotive services, except repair	754	166.7	164.5	178.4	180.7	-	144.2	142.0	153.6	155.4	-
Carwashes	7542	99.0	96.4	104.6	105.3	-	88.0	85.4	92.3	92.9	-
Miscellaneous repair services	76	342.9	346.7	351.4	352.3	356.1	278.2	282.0	286.4	286.0	-
Electrical repair shops	762	107.8	108.9	111.8	111.2	-	-	-	-	-	-
Motion pictures	78	399.3	406.6	414.7	413.4	420.7	325.8	333.7	342.2	339.5	-
Motion picture production and services	781	149.2	147.4	168.1	165.8	-	116.0	114.5	134.1	131.0	-
Motion picture theaters	783	111.8	119.4	104.7	106.9	-	-	-	-	-	-
Amusement and recreation services	79	1,207.6	1,332.9	1,181.7	1,237.2	1,345.5	1,061.4	1,181.8	1,024.9	1,082.4	-
Bowling centers	793	81.8	73.9	93.7	83.3	-	72.6	65.1	84.1	74.0	-
Misc. amusement and recreation services	799	835.8	952.3	794.6	856.4	-	741.7	854.5	693.8	755.9	-
Physical fitness facilities	7991	119.5	120.4	119.9	117.1	-	106.3	107.3	106.8	104.2	-
Membership sports and recreation clubs	7997	297.5	344.6	268.8	302.3	-	261.7	305.9	233.2	265.4	-
Health services	80	8,459.1	8,528.1	8,792.4	8,827.6	8,888.9	7,521.0	7,585.8	7,803.1	7,835.9	-
Offices and clinics of medical doctors	801	1,458.1	1,470.0	1,528.6	1,536.4	-	1,199.2	1,209.9	1,249.8	1,257.1	-
Offices and clinics of dentists	802	538.8	543.6	557.3	559.5	-	471.1	476.3	487.1	489.5	-
Offices and clinics of other health practitioners	804	323.5	326.4	347.1	349.5	-	266.1	268.5	285.2	287.1	-
Offices and clinics of chiropractors and optometrists	8041,2	147.2	148.3	154.6	155.2	-	-	-	-	-	-
Nursing and personal care facilities	805	1,529.4	1,539.9	1,596.0	1,603.2	-	1,381.8	1,391.3	1,441.5	1,447.9	-
Skilled nursing care facilities	8051	1,089.2	1,096.7	1,136.7	1,142.5	-	-	-	-	-	-
Intermediate care facilities	8052	218.1	220.1	228.3	228.6	-	196.3	198.2	205.6	205.8	-
Nursing and personal care, nec	8059	222.1	223.1	231.0	232.1	-	-	-	-	-	-
Hospitals	806	3,739.1	3,769.8	3,805.7	3,809.6	3,830.8	3,431.8	3,461.7	3,490.4	3,493.4	-
General medical and surgical hospitals	8062	3,438.1	3,466.4	3,499.3	3,503.2	-	-	-	-	-	-
Psychiatric hospitals	8063	103.4	103.7	102.3	102.0	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric	8069	197.6	199.7	204.1	204.4	-	-	-	-	-	-
Medical and dental laboratories	807	179.8	181.3	190.3	191.9	-	-	-	-	-	-
Home health care services	808	394.8	401.0	458.7	467.7	-	366.2	371.6	424.5	433.1	-
Legal services	81	908.6	929.7	923.1	922.9	947.6	734.1	753.8	743.9	743.7	-
Educational services	82	1,706.7	1,541.8	1,849.7	1,770.6	1,601.8	-	-	-	-	-
Elementary and secondary schools	821	476.6	457.0	487.7	491.3	-	-	-	-	-	-
Colleges and universities	822	1,022.2	874.9	1,147.9	1,065.7	-	-	-	-	-	-
Vocational schools	824	77.6	77.2	77.8	76.9	-	-	-	-	-	-
Social services	83	1,957.2	1,942.0	2,059.2	2,071.8	2,045.3	1,692.6	1,677.9	1,781.8	1,792.8	-
Individual and family services	832	522.7	523.3	549.1	551.2	-	454.0	454.1	476.1	477.7	-
Job training and related services	833	261.7	268.2	287.8	292.9	-	217.3	224.0	242.0	246.4	-
Child day care services	835	462.7	438.1	479.9	481.0	-	410.7	387.1	425.2	426.2	-
Residential care	836	529.3	537.7	563.7	568.0	-	463.2	471.0	492.6	496.7	-
Social services, nec	839	180.8	174.7	178.7	178.7	-	147.4	141.7	145.9	145.8	-
Museums and botanical and zoological gardens	84	75.3	78.1	73.4	78.2	81.1	-	-	-	-	-
Membership organizations	86	1,945.6	1,973.9	1,946.1	1,953.0	1,985.7	-	-	-	-	-
Business associations	861	103.6	104.3	102.8	102.9	-	-	-	-	-	-
Professional organizations	862	53.0	53.4	52.8	52.8	-	38.2	38.4	37.5	37.7	-
Labor organizations	863	140.4	140.1	136.0	135.2	-	-	-	-	-	-
Civic and social associations	864	414.6	439.1	421.1	426.6	-	-	-	-	-	-
Engineering and management services	87	2,457.3	2,475.6	2,524.3	2,513.4	2,536.2	1,873.1	1,891.7	1,930.4	1,919.8	-
Engineering and architectural services	871	741.8	752.2	760.1	768.3	-	607.0	617.4	620.8	629.2	-
Engineering services	8711	582.9	590.3	597.8	605.2	-	482.0	489.1	492.0	499.8	-
Architectural services	8712	113.0	114.4	114.8	114.6	-	87.4	88.9	89.6	89.3	-
Surveying services	8713	45.9	47.5	47.5	48.5	-	37.6	39.4	39.2	40.1	-
Accounting, auditing, and bookkeeping	872	508.3	503.0	519.2	494.2	-	373.4	368.5	380.4	356.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Services—Continued											
Engineering and management services—Continued											
Research and testing services	873	556.4	563.7	558.3	563.5	-	412.6	419.9	419.5	424.0	-
Commercial physical research	8731	234.3	236.9	230.6	231.2	-	157.9	160.3	161.0	161.7	-
Commercial nonphysical research	8732	102.1	103.9	103.8	107.1	-	81.4	83.6	82.8	85.7	-
Noncommercial research organizations	8733	139.9	142.0	142.2	143.0	-	107.5	109.6	110.0	110.7	-
Management and public relations	874	650.8	656.7	686.7	687.4	-	480.1	485.9	509.7	509.7	-
Public relations services	8743	30.9	31.2	31.5	31.7	-	22.1	22.4	22.6	23.0	-
Services, nec	89	41.5	42.1	41.9	42.1	-	32.1	32.8	32.8	33.0	-
Government		18,994	18,700	19,161	19,200	18,907	-	-	-	-	-
Federal Government⁴		2,987	3,005	2,917	2,921	2,935	-	-	-	-	-
Executive, by agency ⁴		2,920.4	2,936.9	2,851.0	-	-	-	-	-	-	-
Department of Defense		925.6	928.3	876.9	-	-	-	-	-	-	-
Postal Service ⁵		794.7	795.7	775.9	-	-	-	-	-	-	-
Other executive agencies		1,200.1	1,212.9	1,198.2	-	-	-	-	-	-	-
Legislative		39.5	40.6	38.4	-	-	-	-	-	-	-
Judicial		27.1	27.3	27.7	-	-	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities		103.5	102.9	96.1	93.3	-	-	-	-	-	-
Ship building and repairing	3731	59.4	58.8	55.4	52.6	-	-	-	-	-	-
Transportation and public utilities, except Postal											
Service		34.2	34.4	33.5	33.6	-	-	-	-	-	-
Services		400.8	400.4	395.5	398.5	-	-	-	-	-	-
Hospitals	806	236.6	237.2	238.6	238.9	-	-	-	-	-	-
State government		4,455	4,266	4,574	4,524	4,343	-	-	-	-	-
Hospitals	806	420.0	421.2	417.7	416.6	-	-	-	-	-	-
Education	82	1,853.7	1,627.2	1,947.1	1,884.3	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		1,703.4	1,728.8	1,733.6	1,743.7	-	-	-	-	-	-
Local government		11,552	11,429	11,670	11,755	11,629	-	-	-	-	-
Transportation and public utilities		449.2	452.2	445.0	445.7	-	-	-	-	-	-
Hospitals	806	663.7	669.8	687.9	689.5	-	-	-	-	-	-
Education	82	6,544.1	6,242.1	6,656.7	6,693.7	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		3,520.8	3,657.9	3,497.6	3,534.6	-	-	-	-	-	-

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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
NOT SEASONALLY ADJUSTED**

B-3. Women employees on nonfarm payrolls by major industry and manufacturing group

(In thousands)

Industry	Mar. 1992	Apr. 1992	Feb. 1993	Mar. 1993	Apr. 1993
Total	52,101	52,349	52,717	52,901	53,187
Total private	41,843	42,082	42,326	42,447	42,738
Goods-producing	6,516	6,528	6,424	6,419	6,420
Mining	94	94	87	87	87
Construction	497	503	494	493	500
Manufacturing	5,925	5,931	5,843	5,839	5,833
Durable goods	2,735	2,735	2,680	2,678	2,673
Lumber and wood products	107	108	110	111	111
Furniture and fixtures	144	145	144	145	145
Stone, clay, and glass products	102	103	101	101	100
Primary metal industries	93	93	91	91	91
Fabricated metal products	292	293	289	288	289
Industrial machinery and equipment	422	421	419	420	418
Electronic and other electrical equipment	649	648	639	639	638
Transportation equipment	375	374	356	353	352
Instruments and related products	388	385	369	367	365
Miscellaneous manufacturing	166	167	163	165	165
Nondurable goods	3,190	3,196	3,163	3,161	3,160
Food and kindred products	511	515	511	508	508
Tobacco products	16	15	17	15	14
Textile mill products	322	323	317	317	319
Apparel and other textile products	791	790	768	768	766
Paper and allied products	166	166	165	165	164
Printing and publishing	663	664	666	666	667
Chemicals and allied products	331	332	334	335	334
Petroleum and coal products	26	26	24	24	24
Rubber and misc. plastics products	299	298	297	299	299
Leather and leather products	66	67	64	64	64
Service-producing	45,585	45,821	46,293	46,482	46,767
Transportation and public utilities	1,670	1,669	1,673	1,675	1,673
Wholesale trade	1,841	1,840	1,854	1,856	1,859
Retail trade	10,031	10,149	10,101	10,089	10,214
Finance, insurance, and real estate	4,167	4,169	4,147	4,154	4,162
Services	17,618	17,727	18,127	18,254	18,410
Government	10,258	10,267	10,391	10,454	10,449
Federal	1,225	1,227	1,214	1,213	1,210
State	2,248	2,253	2,274	2,287	2,290
Local	6,785	6,787	6,903	6,954	6,949

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1992 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

B-4. Employees on nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

(In thousands)

Industry	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total	108,454	108,605	108,615	108,674	108,789	108,921	109,079	109,235	109,539	109,565	109,820	110,035	110,048
Total private	89,834	89,934	89,906	89,945	90,079	90,159	90,313	90,480	90,762	90,777	91,020	91,212	91,220
Goods-producing	23,172	23,160	23,073	23,012	22,995	22,995	22,985	23,001	23,069	23,016	22,980	22,994	22,928
Mining	630	628	623	616	618	616	613	611	600	600	600	602	595
Oil and gas extraction	347	346	343	338	342	341	341	342	336	334	335	338	339
Construction	4,469	4,459	4,459	4,447	4,466	4,462	4,459	4,454	4,515	4,481	4,517	4,572	4,566
General building contractors	1,057	1,057	1,058	1,056	1,056	1,054	1,047	1,049	1,058	1,049	1,062	1,066	1,061
Manufacturing	18,073	18,073	17,991	17,949	17,911	17,917	17,913	17,936	17,954	17,935	17,863	17,820	17,767
Durable goods	10,260	10,236	10,192	10,164	10,135	10,142	10,136	10,152	10,163	10,144	10,090	10,041	10,006
Lumber and wood products	672	671	671	671	677	681	683	683	690	690	683	678	678
Furniture and fixtures	478	481	477	475	475	476	477	477	480	480	480	482	482
Stone, clay, and glass products	514	513	512	512	511	511	511	510	515	513	511	512	510
Primary metal industries	695	693	691	689	687	686	683	684	683	682	678	678	673
Blast furnaces and basic steel													
products	251	249	249	248	247	245	243	242	242	241	240	240	237
Fabricated metal products	1,325	1,321	1,320	1,316	1,312	1,312	1,310	1,318	1,320	1,320	1,316	1,308	1,303
Industrial machinery and equipment	1,929	1,924	1,919	1,919	1,912	1,911	1,909	1,908	1,907	1,904	1,904	1,900	1,900
Electronic and other electrical													
equipment	1,525	1,522	1,515	1,515	1,512	1,513	1,514	1,517	1,520	1,525	1,519	1,513	1,505
Transportation equipment	1,831	1,821	1,806	1,789	1,776	1,782	1,784	1,792	1,786	1,771	1,743	1,720	1,712
Motor vehicles and equipment	810	810	807	800	801	813	818	841	833	827	810	800	805
Aircraft and parts	615	609	603	597	591	585	579	572	570	563	558	550	541
Instruments and related products	926	923	919	916	912	908	903	902	900	896	892	887	881
Miscellaneous manufacturing	365	367	362	362	361	362	362	361	362	363	364	363	362
Nondurable goods	7,813	7,837	7,799	7,785	7,776	7,775	7,777	7,784	7,791	7,791	7,773	7,779	7,761
Food and kindred products	1,656	1,666	1,654	1,646	1,649	1,650	1,650	1,656	1,659	1,658	1,651	1,650	1,643
Tobacco products	49	49	50	49	49	47	48	48	48	48	48	48	48
Textile mill products	673	674	670	671	667	668	670	669	670	669	670	670	667
Apparel and other textile products	1,008	1,016	1,001	997	994	993	992	993	993	992	987	988	984
Paper and allied products	688	688	687	690	687	687	686	685	684	684	682	682	680
Printing and publishing	1,503	1,504	1,503	1,504	1,501	1,501	1,501	1,499	1,502	1,503	1,503	1,506	1,503
Chemicals and allied products	1,084	1,083	1,084	1,081	1,082	1,081	1,080	1,080	1,078	1,078	1,074	1,077	1,079
Petroleum and coal products	159	159	158	157	157	157	156	157	157	156	156	156	156
Rubber and misc. plastics products	874	876	873	871	871	873	876	880	883	886	886	886	886
Leather and leather products	119	122	119	119	119	118	118	117	117	117	116	116	115
Service-producing	85,282	85,445	85,542	85,662	85,794	85,926	86,094	86,234	86,470	86,549	86,840	87,041	87,120
Transportation and public utilities	5,711	5,707	5,701	5,704	5,699	5,699	5,707	5,719	5,725	5,724	5,720	5,723	5,718
Transportation	3,488	3,487	3,483	3,486	3,484	3,485	3,495	3,508	3,515	3,513	3,513	3,518	3,519
Trucking and warehousing	1,607	1,608	1,606	1,608	1,600	1,606	1,611	1,624	1,626	1,627	1,629	1,630	1,626
Transportation by air	732	731	730	727	728	728	730	733	736	735	737	737	737
Communications and public utilities	2,223	2,220	2,218	2,218	2,215	2,214	2,212	2,211	2,210	2,211	2,207	2,205	2,199
Wholesale trade	6,042	6,037	6,037	6,037	6,052	6,061	6,062	6,086	6,097	6,103	6,110	6,122	6,111
Durable goods	3,468	3,464	3,458	3,458	3,463	3,466	3,464	3,476	3,480	3,482	3,488	3,487	3,486
Nondurable goods	2,574	2,573	2,579	2,579	2,589	2,595	2,598	2,610	2,617	2,621	2,622	2,635	2,625
Retail trade	19,344	19,360	19,359	19,380	19,402	19,405	19,460	19,523	19,629	19,604	19,648	19,687	19,724
General merchandise stores	2,430	2,424	2,420	2,423	2,417	2,402	2,402	2,382	2,402	2,394	2,378	2,365	2,356
Food stores	3,190	3,177	3,171	3,181	3,177	3,176	3,175	3,186	3,195	3,198	3,199	3,200	3,204
Automotive dealers and service													
stations	1,972	1,973	1,975	1,976	1,981	1,987	1,996	2,003	2,013	2,018	2,021	2,025	2,029
Apparel and accessory stores	1,131	1,133	1,131	1,127	1,129	1,131	1,134	1,135	1,146	1,143	1,138	1,146	1,146
Eating and drinking places	6,584	6,609	6,620	6,632	6,646	6,670	6,703	6,737	6,765	6,743	6,803	6,838	6,860

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

B-4. Employees on nonfarm payrolls by major industry and manufacturing group, seasonally adjusted—Continued

(In thousands)

Industry	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Finance, insurance, and real estate	6,569	6,559	6,558	6,565	6,570	6,569	6,575	6,578	6,577	6,574	6,585	6,590	6,587
Finance	3,156	3,154	3,152	3,161	3,165	3,168	3,177	3,184	3,184	3,185	3,195	3,198	3,201
Depository institutions	2,104	2,101	2,096	2,100	2,100	2,101	2,104	2,110	2,109	2,111	2,113	2,112	2,110
Insurance	2,132	2,129	2,126	2,126	2,124	2,121	2,116	2,111	2,108	2,109	2,108	2,110	2,110
Real estate	1,281	1,276	1,280	1,278	1,281	1,280	1,282	1,283	1,285	1,280	1,282	1,282	1,276
Services	28,996	29,111	29,178	29,247	29,361	29,430	29,524	29,573	29,665	29,756	29,977	30,096	30,152
Agricultural services	487	488	489	490	492	490	494	493	501	494	505	509	508
Hotels and other lodging places	1,575	1,574	1,573	1,580	1,569	1,564	1,566	1,565	1,566	1,563	1,564	1,572	1,568
Personal services	1,109	1,109	1,110	1,108	1,107	1,106	1,105	1,098	1,087	1,086	1,091	1,123	1,119
Business services	5,299	5,319	5,348	5,365	5,434	5,469	5,506	5,521	5,555	5,598	5,665	5,697	5,720
Personnel supply services	1,634	1,651	1,674	1,689	1,732	1,760	1,791	1,802	1,835	1,874	1,921	1,938	1,947
Auto repair, services, and parking	875	876	875	878	881	886	888	894	900	906	915	922	926
Miscellaneous repair services	345	346	346	345	346	348	347	350	351	352	353	354	355
Motion pictures	401	401	399	403	411	415	421	423	422	416	417	414	414
Amusement and recreation services	1,184	1,183	1,189	1,191	1,178	1,160	1,154	1,148	1,146	1,148	1,206	1,199	1,194
Health services	8,499	8,539	8,560	8,591	8,630	8,668	8,698	8,720	8,754	8,784	8,819	8,845	8,862
Hospitals	3,759	3,768	3,772	3,778	3,785	3,794	3,800	3,804	3,810	3,811	3,813	3,825	3,819
Legal services	913	914	914	917	917	919	921	924	926	928	930	929	930
Educational services	1,694	1,707	1,702	1,705	1,708	1,710	1,717	1,721	1,730	1,736	1,742	1,744	1,760
Social services	1,945	1,976	1,989	1,983	1,989	1,996	2,006	2,013	2,022	2,032	2,045	2,051	2,049
Museums and botanical and zoological gardens	73	73	73	74	74	74	74	74	74	73	75	76	75
Membership organizations	1,946	1,951	1,951	1,951	1,953	1,951	1,950	1,952	1,952	1,951	1,956	1,955	1,958
Engineering and management services	2,467	2,471	2,476	2,482	2,488	2,490	2,494	2,492	2,494	2,503	2,509	2,521	2,529
Government	18,620	18,671	18,709	18,729	18,710	18,762	18,766	18,755	18,777	18,788	18,800	18,823	18,828
Federal	2,973	2,962	2,961	2,966	2,945	2,943	2,968	2,945	2,944	2,938	2,923	2,915	2,903
State	4,388	4,415	4,412	4,436	4,426	4,424	4,431	4,435	4,439	4,443	4,458	4,462	4,468
Local	11,259	11,294	11,336	11,327	11,339	11,395	11,367	11,375	11,394	11,407	11,419	11,446	11,457

¹ Includes other industries, not shown separately.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from

March 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
SEASONALLY ADJUSTED**

B-5. Women employees on nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

(In thousands)

Industry	1992									1993			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total	52,283	52,366	52,379	52,534	52,533	52,547	52,589	52,667	52,732	52,816	52,937	52,943	53,103
Total private	42,287	42,364	42,359	42,435	42,420	42,453	42,510	42,538	42,610	42,690	42,791	42,784	42,937
Goods-producing	6,581	6,577	6,553	6,563	6,516	6,496	6,483	6,483	6,483	6,492	6,498	6,489	6,472
Mining	94	94	93	91	91	91	91	91	90	90	88	87	87
Construction	510	510	508	508	508	508	505	506	504	506	510	507	507
Manufacturing	5,977	5,973	5,952	5,964	5,917	5,897	5,887	5,886	5,889	5,896	5,900	5,895	5,878
Durable goods	2,746	2,742	2,730	2,726	2,709	2,703	2,693	2,693	2,694	2,700	2,700	2,695	2,683
Lumber and wood products	109	109	109	109	109	109	110	111	111	112	112	113	112
Furniture and fixtures	145	145	145	146	145	144	144	144	144	145	146	146	145
Stone, clay, and glass products	104	104	104	104	103	103	102	102	102	102	103	102	102
Primary metal industries	93	94	93	93	92	92	91	91	91	92	92	91	91
Fabricated metal products	294	294	293	292	291	290	289	289	290	291	292	291	290
Industrial machinery and equipment	422	424	421	420	417	418	417	418	418	419	419	420	418
Electronic and other electrical equipment	650	648	646	645	642	642	640	640	640	640	642	642	640
Transportation equipment	375	372	370	368	366	362	361	359	361	363	359	356	353
Instruments and related products	386	384	382	381	379	378	375	374	372	371	370	368	366
Miscellaneous manufacturing	168	168	167	168	165	165	164	165	165	165	165	166	166
Nondurable goods	3,231	3,231	3,222	3,238	3,208	3,194	3,193	3,193	3,195	3,196	3,200	3,200	3,195
Food and kindred products	542	542	540	546	537	527	532	533	533	535	536	536	535
Tobacco products	16	16	16	16	17	16	16	15	16	16	16	15	16
Textile mill products	325	323	323	323	322	321	319	320	320	320	320	319	320
Apparel and other textile products	790	790	787	796	780	777	774	772	771	770	769	770	766
Paper and allied products	168	169	168	167	167	167	167	167	168	168	168	167	166
Printing and publishing	663	664	662	663	661	663	662	663	664	664	666	666	666
Chemicals and allied products	334	334	335	335	335	335	336	336	336	336	336	337	336
Petroleum and coal products	27	27	26	26	26	26	26	25	25	25	25	25	25
Rubber and misc. plastics products	299	299	299	299	297	296	296	296	297	298	299	300	300
Leather and leather products	67	67	66	67	66	66	66	66	65	64	65	65	65
Service-producing	45,702	45,789	45,826	45,971	46,017	46,051	46,106	46,184	46,249	46,324	46,439	46,454	46,631
Transportation and public utilities	1,674	1,677	1,676	1,678	1,676	1,675	1,675	1,674	1,674	1,677	1,679	1,680	1,678
Wholesale trade	1,854	1,854	1,857	1,852	1,851	1,851	1,851	1,856	1,855	1,868	1,869	1,869	1,874
Retail trade	10,310	10,328	10,299	10,300	10,297	10,289	10,293	10,279	10,294	10,331	10,381	10,348	10,370
Finance, insurance, and real estate	4,176	4,180	4,178	4,168	4,163	4,171	4,171	4,167	4,167	4,169	4,166	4,162	4,170
Services	17,692	17,748	17,796	17,874	17,917	17,971	18,037	18,079	18,137	18,153	18,198	18,236	18,373
Government	9,996	10,002	10,020	10,099	10,113	10,094	10,079	10,129	10,122	10,126	10,146	10,159	10,166
Federal	1,234	1,232	1,227	1,218	1,220	1,222	1,216	1,219	1,228	1,221	1,222	1,220	1,216
State	2,189	2,193	2,201	2,214	2,205	2,217	2,209	2,207	2,213	2,216	2,218	2,220	2,223
Local	6,573	6,577	6,592	6,667	6,688	6,655	6,654	6,703	6,681	6,689	6,706	6,719	6,727

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

B-6. Production or nonsupervisory workers¹ on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

(In thousands)

Industry	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total private	72,830	72,933	72,912	72,985	73,131	73,215	73,380	73,543	73,831	73,827	74,014	74,262	74,224
Goods-producing	16,127	16,127	16,057	16,017	16,015	16,025	16,031	16,041	16,121	16,088	16,068	16,105	16,047
Mining	445	443	440	437	438	436	434	432	424	424	423	426	417
Construction	3,416	3,408	3,408	3,399	3,419	3,414	3,414	3,399	3,463	3,433	3,467	3,530	3,517
Manufacturing	12,266	12,276	12,209	12,181	12,158	12,175	12,183	12,210	12,234	12,231	12,178	12,149	12,113
Durable goods	6,808	6,798	6,768	6,753	6,738	6,754	6,757	6,775	6,790	6,783	6,745	6,714	6,695
Lumber and wood products	551	550	550	551	555	560	562	562	569	569	561	557	556
Furniture and fixtures	378	380	376	374	375	375	376	377	379	379	379	380	380
Stone, clay, and glass products	397	396	395	395	394	394	395	394	398	397	393	395	393
Primary metal industries	525	525	523	522	520	520	519	520	520	520	516	517	513
Blast furnaces and basic steel products	189	188	188	187	187	185	184	184	184	184	183	183	180
Fabricated metal products	972	970	969	966	962	964	962	969	972	973	969	964	963
Industrial machinery and equipment	1,151	1,148	1,147	1,149	1,146	1,148	1,148	1,149	1,149	1,147	1,148	1,147	1,150
Electronic and other electrical equipment	970	968	964	963	963	965	967	964	970	973	970	967	964
Transportation equipment	1,145	1,142	1,134	1,124	1,117	1,124	1,126	1,140	1,132	1,125	1,109	1,093	1,088
Motor vehicles and equipment	618	620	619	612	613	624	628	651	643	639	625	616	619
Instruments and related products	456	455	451	449	447	445	443	442	441	439	438	433	429
Miscellaneous manufacturing	263	264	259	260	259	259	259	258	260	261	262	261	259
Nondurable goods	5,458	5,478	5,441	5,428	5,420	5,421	5,426	5,435	5,444	5,448	5,433	5,435	5,418
Food and kindred products	1,208	1,218	1,206	1,198	1,201	1,203	1,205	1,210	1,212	1,212	1,206	1,203	1,197
Tobacco products	37	37	37	37	37	35	36	36	36	36	36	36	36
Textile mill products	576	577	573	574	569	571	572	571	571	569	571	571	568
Apparel and other textile products	845	851	839	835	833	832	832	833	832	834	828	829	824
Paper and allied products	518	518	518	520	517	517	516	516	517	517	514	514	514
Printing and publishing	831	832	830	830	829	829	830	829	831	832	832	833	832
Chemicals and allied products	568	565	565	563	563	562	562	563	563	565	565	567	567
Petroleum and coal products	104	104	104	104	103	103	102	103	104	103	103	103	102
Rubber and misc. plastics products	675	678	673	671	672	674	676	680	684	686	685	686	685
Leather and leather products	96	98	96	96	96	95	95	94	94	94	93	93	93
Service-producing	56,703	56,806	56,855	56,968	57,116	57,190	57,349	57,502	57,710	57,739	57,946	58,157	58,177
Transportation and public utilities	4,771	4,766	4,758	4,768	4,766	4,767	4,779	4,793	4,801	4,794	4,792	4,792	4,789
Wholesale trade	4,853	4,849	4,852	4,854	4,870	4,880	4,880	4,904	4,915	4,923	4,924	4,932	4,922
Retail trade	17,035	17,049	17,047	17,065	17,090	17,100	17,146	17,211	17,314	17,274	17,302	17,356	17,361
Finance, insurance, and real estate	4,746	4,741	4,745	4,751	4,755	4,755	4,762	4,769	4,769	4,769	4,767	4,774	4,779
Services	25,298	25,401	25,453	25,530	25,635	25,688	25,782	25,825	25,911	25,979	26,161	26,303	26,326

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 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

**ESTABLISHMENT DATA
DIFFUSION INDEXES
SEASONALLY ADJUSTED**

B-7. Diffusion indexes of employment change, seasonally adjusted

(Percent)

Time span	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Private nonfarm payrolls, 356 industries ¹												
Over 1-month span:												
1990	59.0	57.4	52.1	49.2	49.9	51.3	45.9	44.1	42.7	40.9	41.7	40.3
1991	39.2	39.9	40.2	36.7	50.0	43.7	47.6	52.9	48.0	46.9	46.1	45.2
1992	41.9	45.6	51.1	55.9	52.5	45.2	52.2	45.5	52.7	52.4	52.0	54.8
1993	58.1	59.7	51.0	53.8	^P 54.2	^P 45.4						
Over 3-month span:												
1990	59.0	59.8	53.9	48.9	48.0	47.2	46.2	40.6	36.9	35.5	35.5	35.3
1991	33.8	32.4	32.0	39.0	38.9	43.8	48.0	49.4	50.3	44.5	42.6	40.3
1992	40.7	44.5	51.8	56.0	52.9	50.4	44.8	47.8	47.3	52.0	54.2	57.2
1993	61.8	60.8	58.7	^P 55.2	^P 49.3							
Over 6-month span:												
1990	58.7	55.2	55.3	51.3	46.9	43.4	40.4	38.6	36.0	33.3	32.0	31.0
1991	30.2	33.0	31.9	33.7	39.3	43.7	46.2	45.2	46.9	43.8	41.6	41.2
1992	45.4	47.1	47.5	51.7	51.3	48.9	47.3	45.6	48.9	51.8	57.7	56.6
1993	59.7	^P 57.9	^P 54.9									
Over 12-month span:												
1990	55.5	52.7	51.7	48.5	45.4	42.6	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	44.9	45.5	46.3
1992	47.8	43.0	42.3	42.7	45.8	47.2	49.3	54.2	53.1	51.3	^P 52.2	^P 50.6
1993												
Manufacturing payrolls, 139 industries ¹												
Over 1-month span:												
1990	48.9	48.6	44.6	47.5	40.3	44.6	40.3	39.6	35.6	38.1	29.1	34.5
1991	33.8	34.2	33.5	36.3	46.4	42.1	45.3	51.8	41.7	47.1	41.4	40.3
1992	37.4	41.4	47.8	49.6	45.7	41.0	50.4	37.1	46.8	39.6	50.4	47.1
1993	53.2	54.7	47.5	36.3	^P 47.8	^P 39.2						
Over 3-month span:												
1990	45.7	47.1	46.4	39.6	40.3	38.1	36.0	29.1	29.1	22.7	23.0	22.3
1991	23.7	22.3	19.8	33.5	35.6	38.8	45.7	46.0	48.6	38.8	37.4	33.1
1992	33.5	38.5	43.5	45.0	41.7	44.6	35.6	37.1	29.9	39.9	42.8	51.4
1993	55.0	57.6	45.7	^P 40.3	^P 33.8							
Over 6-month span:												
1990	46.0	41.4	42.4	41.7	35.6	32.4	28.1	25.2	21.9	21.2	18.3	17.6
1991	14.7	20.9	21.6	25.5	34.5	38.8	42.4	40.3	41.0	38.1	34.5	34.2
1992	34.9	34.5	36.0	42.8	39.6	36.0	30.2	31.7	34.2	37.4	48.6	49.6
1993	50.7	^P 43.9	^P 42.8									
Over 12-month span:												
1990	37.8	35.3	33.5	33.1	28.1	26.3	23.7	20.5	19.4	16.5	16.2	15.8
1991	16.5	16.2	17.3	18.0	20.9	24.1	26.3	30.6	32.7	37.8	36.7	36.7
1992	41.0	33.5	31.3	27.7	31.3	34.5	35.6	41.4	41.7	37.1	^P 38.1	^P 35.6
1993												

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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1992) and all seasonally adjusted data (beginning January 1989) are subject to revision.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted

(In thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Total ¹												
Alabama	1,667.7	1,669.4	1,673.4	1,679.6	1,675.8	1,683.6	1,688.1	1,691.0	1,698.1	1,703.7	1,698.9	1,694.8	1,689.0
Alaska	246.9	246.6	246.9	246.3	247.1	247.0	247.6	247.6	251.8	251.0	251.2	249.5	248.6
Arizona	1,513.8	1,518.2	1,526.3	1,528.4	1,540.6	1,532.6	1,534.4	1,532.7	1,537.1	1,543.2	1,543.2	1,541.3	1,537.5
Arkansas	961.3	961.8	963.7	963.9	968.8	969.9	973.0	976.1	981.9	981.2	980.4	981.2	978.9
California	12,186.8	12,165.4	12,159.2	12,120.4	12,094.7	12,071.7	12,064.0	12,039.8	12,030.4	12,030.8	12,018.1	12,004.8	11,987.6
Colorado	1,588.0	1,590.7	1,597.2	1,601.1	1,601.8	1,610.9	1,610.1	1,610.1	1,615.1	1,619.9	1,622.7	1,631.9	1,631.4
Connecticut	1,526.8	1,521.6	1,523.7	1,516.7	1,511.6	1,512.9	1,512.1	1,507.2	1,508.9	1,511.1	1,503.0	1,502.6	1,497.9
Delaware	344.3	344.3	344.7	344.7	345.0	344.4	348.8	347.7	349.7	349.1	346.0	347.3	346.0
District of Columbia	677.2	675.3	679.0	677.3	676.4	678.9	678.0	677.7	677.9	679.9	678.0	681.4	677.9
Florida	5,329.9	5,332.7	5,352.3	5,349.7	5,353.0	5,371.5	5,374.9	5,382.9	5,400.7	5,422.4	5,426.4	5,450.9	5,450.9
Georgia	2,971.6	2,972.4	2,988.3	2,987.9	2,990.4	3,014.5	3,017.9	3,018.2	3,046.2	3,053.6	3,043.0	3,054.3	3,052.4
Hawaii	543.3	542.5	542.5	539.1	538.3	537.2	536.8	537.0	535.0	536.1	535.8	536.1	536.2
Idaho	415.0	416.6	418.8	418.4	418.5	420.4	422.7	423.6	424.9	423.6	425.6	427.0	427.5
Illinois	5,214.6	5,206.1	5,187.9	5,178.3	5,197.2	5,219.2	5,222.0	5,221.3	5,236.6	5,246.3	5,230.8	5,236.9	5,235.6
Indiana	2,533.8	2,532.6	2,538.8	2,538.2	2,538.2	2,546.9	2,553.4	2,556.3	2,570.3	2,570.4	2,562.0	2,558.9	2,559.7
Iowa	1,252.3	1,254.4	1,251.6	1,251.4	1,252.4	1,253.0	1,256.1	1,252.6	1,260.4	1,261.0	1,260.7	1,253.2	1,255.7
Kansas	1,113.4	1,113.5	1,118.7	1,119.9	1,113.1	1,118.0	1,121.6	1,122.0	1,128.9	1,134.1	1,132.5	1,132.7	1,129.1
Kentucky	1,509.2	1,510.8	1,514.8	1,511.3	1,514.7	1,521.0	1,522.5	1,522.9	1,533.6	1,538.4	1,532.9	1,528.5	1,524.5
Louisiana	1,627.8	1,628.5	1,632.8	1,629.2	1,627.9	1,617.7	1,620.5	1,620.8	1,636.3	1,637.6	1,631.0	1,618.4	1,609.6
Maine	510.6	510.8	515.7	515.2	515.1	514.9	515.6	513.9	519.1	519.6	517.0	514.5	512.0
Maryland	2,085.8	2,077.5	2,081.1	2,075.7	2,071.0	2,076.6	2,072.3	2,071.1	2,087.0	2,083.5	2,070.4	2,075.5	2,077.2
Massachusetts	2,786.8	2,776.6	2,773.1	2,763.9	2,761.3	2,773.0	2,770.5	2,758.7	2,798.5	2,786.0	2,774.7	2,772.4	2,762.5
Michigan	3,913.6	3,910.4	3,904.1	3,920.1	3,907.2	3,923.8	3,939.5	3,944.7	3,989.8	3,985.7	3,964.3	3,950.5	3,956.7
Minnesota	2,182.0	2,181.4	2,186.7	2,191.9	2,198.6	2,207.8	2,208.9	2,212.4	2,219.2	2,222.9	2,222.4	2,225.0	2,226.9
Mississippi	957.3	958.0	961.2	968.0	966.4	972.5	975.1	979.0	982.5	987.8	984.1	982.4	981.2
Missouri	2,319.9	2,315.3	2,322.2	2,316.6	2,316.8	2,323.9	2,323.7	2,319.4	2,337.0	2,348.2	2,344.5	2,346.7	2,340.9
Montana	316.3	316.9	316.9	317.9	318.0	319.2	320.6	321.9	324.4	326.3	325.2	323.8	322.3
Nebraska	748.7	745.4	744.4	745.8	747.7	751.6	754.1	748.4	750.7	750.0	749.7	748.8	750.1
Nevada	638.4	635.0	639.8	642.3	647.4	647.2	653.9	651.6	658.1	658.7	659.7	660.1	658.1
New Hampshire	487.2	486.1	485.6	484.9	485.5	487.2	486.5	486.0	494.4	496.4	492.9	492.3	488.5
New Jersey	3,448.1	3,445.0	3,441.2	3,434.5	3,423.6	3,430.9	3,429.3	3,423.8	3,440.3	3,430.0	3,412.6	3,409.8	3,405.9
New Mexico	598.0	601.6	597.0	597.0	598.3	599.1	604.1	600.2	602.1	605.1	605.8	606.7	609.1
New York	7,746.1	7,727.2	7,754.5	7,730.1	7,697.4	7,697.3	7,695.8	7,688.4	7,725.8	7,730.1	7,712.0	7,710.9	7,704.1
North Carolina	3,128.7	3,133.3	3,139.7	3,136.3	3,143.9	3,156.0	3,161.9	3,172.5	3,196.3	3,204.1	3,195.4	3,197.4	3,203.2
North Dakota	275.5	276.4	277.2	278.7	278.3	279.3	279.9	280.0	283.6	284.1	281.8	281.2	280.7
Ohio	4,842.6	4,836.3	4,839.0	4,838.2	4,841.6	4,847.4	4,855.3	4,863.0	4,888.9	4,886.8	4,877.2	4,870.3	4,869.0
Oklahoma	1,211.3	1,209.5	1,225.0	1,211.3	1,197.6	1,207.3	1,202.9	1,202.2	1,211.1	1,221.3	1,220.3	1,220.1	1,215.9
Oregon	1,271.9	1,270.0	1,273.8	1,270.0	1,272.6	1,274.5	1,281.6	1,277.2	1,284.7	1,293.9	1,293.5	1,290.7	1,287.0
Pennsylvania	5,085.9	5,075.7	5,071.1	5,060.3	5,062.3	5,076.7	5,076.6	5,074.0	5,105.4	5,114.1	5,088.9	5,097.1	5,101.3
Rhode Island	423.1	422.6	421.6	421.9	420.5	420.7	420.3	419.3	426.6	425.4	422.8	421.6	422.4
South Carolina	1,522.6	1,522.5	1,527.1	1,530.7	1,532.2	1,541.1	1,551.3	1,543.9	1,558.5	1,558.5	1,558.2	1,559.2	1,555.4
South Dakota	306.9	307.1	306.4	307.9	307.7	308.8	309.9	310.3	311.8	312.2	312.9	312.0	311.3
Tennessee	2,229.2	2,230.0	2,236.8	2,232.2	2,235.6	2,239.4	2,242.3	2,244.0	2,258.8	2,259.5	2,260.7	2,264.1	2,262.2
Texas	7,252.8	7,251.7	7,293.6	7,298.4	7,287.8	7,314.3	7,324.6	7,339.1	7,431.0	7,430.6	7,430.3	7,424.8	7,406.6
Utah	765.1	765.7	769.3	771.4	773.4	777.8	776.6	778.2	784.0	791.1	793.9	795.4	797.1
Vermont	249.0	248.6	248.3	248.2	248.5	249.6	251.0	249.2	251.1	253.7	253.0	253.0	253.9
Virginia	2,842.9	2,838.3	2,842.1	2,834.6	2,838.7	2,848.2	2,851.4	2,849.0	2,867.5	2,866.5	2,853.6	2,860.5	2,854.8
Washington	2,212.7	2,212.8	2,215.3	2,211.9	2,217.0	2,227.4	2,229.4	2,232.0	2,242.3	2,244.9	2,240.4	2,242.4	2,237.8
West Virginia	648.5	635.6	640.6	640.5	639.9	641.4	643.7	644.3	647.6	646.3	647.2	650.5	651.9
Wisconsin	2,349.4	2,348.5	2,352.7	2,352.1	2,356.7	2,360.6	2,363.1	2,365.0	2,378.4	2,388.1	2,386.5	2,383.7	2,387.6
Wyoming	205.5	204.2	204.2	204.4	204.7	205.1	205.5	205.6	205.9	205.3	205.0	204.5	205.7

See footnotes at end of table.

ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May*
Construction													
Alabama	75.2	74.2	74.8	75.1	75.4	76.6	76.7	77.0	77.5	78.2	77.2	76.9	76.4
Alaska	10.4	10.3	10.4	10.5	10.5	10.5	10.5	10.7	10.6	10.7	11.0	10.8	10.8
Arizona	81.6	81.9	82.2	82.2	81.8	83.3	83.9	83.9	82.3	84.5	85.0	84.9	85.1
Arkansas	38.2	37.8	38.0	38.3	38.4	38.3	38.5	38.9	39.1	38.6	38.7	38.6	38.5
California	484.9	478.2	475.8	474.0	470.0	488.4	465.4	458.2	443.1	451.2	460.8	460.0	459.9
Colorado	73.9	74.3	75.0	75.2	75.2	75.4	76.1	75.5	75.2	76.8	79.2	82.1	83.1
Connecticut	46.4	46.5	46.8	46.8	45.8	47.0	47.4	47.5	48.5	49.3	47.3	46.9	46.1
Delaware	18.7	18.6	18.6	18.6	18.8	19.1	19.2	19.4	19.6	19.6	19.0	19.1	19.6
District of Columbia	9.3	9.3	9.1	8.9	8.6	8.6	8.5	8.4	9.1	9.2	9.0	9.8	9.7
Florida	261.0	259.6	261.3	258.0	262.9	266.2	268.8	271.5	279.3	281.6	278.7	278.6	276.7
Georgia	120.8	119.3	121.2	119.7	118.1	120.0	120.2	121.4	123.2	126.3	125.8	125.9	127.3
Hawaii?	31.1	31.0	30.9	30.6	30.2	30.9	31.5	31.3	31.6	32.1	31.6	31.7	31.2
Idaho	22.0	22.1	22.8	22.7	22.9	23.4	23.6	23.7	23.7	23.9	23.6	24.1	24.1
Illinois	201.0	204.7	201.5	201.6	201.6	202.4	201.4	202.4	202.3	205.6	203.2	201.0	198.6
Indiana	110.6	110.3	109.8	109.6	109.4	109.8	109.6	109.8	111.9	111.5	109.0	110.0	110.9
Iowa	47.7	47.7	47.7	47.4	47.5	48.3	47.1	46.1	47.9	48.0	47.4	44.3	46.7
Kansas	44.9	44.2	44.4	43.9	44.2	44.4	44.3	44.8	45.5	46.5	46.0	45.1	45.5
Kentucky	69.3	69.1	70.2	69.6	69.6	70.1	70.5	71.1	69.4	71.1	68.7	68.6	68.2
Louisiana	100.6	100.2	100.3	99.2	98.3	98.9	99.6	100.2	103.1	102.6	100.0	99.9	99.3
Maine	21.1	21.0	20.7	20.8	21.1	21.3	21.4	21.9	23.5	23.4	23.1	22.7	21.7
Maryland	119.6	118.3	118.4	116.4	115.2	115.7	114.7	114.6	116.4	115.0	112.8	111.2	112.3
Massachusetts	71.4	70.4	68.1	67.7	69.2	72.3	72.9	72.7	79.4	78.8	75.5	74.1	72.1
Michigan	128.6	127.9	127.3	128.2	127.5	127.0	127.1	127.5	132.9	131.6	128.1	128.4	131.2
Minnesota	77.2	77.4	77.3	77.2	77.1	77.1	76.5	77.6	77.9	78.0	78.3	77.3	77.0
Mississippi	36.3	36.3	37.2	36.0	36.2	35.4	35.5	35.8	36.8	36.8	36.8	38.2	37.7
Missouri	89.1	88.7	89.1	90.1	90.6	92.1	91.3	92.3	91.3	96.0	94.1	93.4	93.6
Montana	13.1	13.0	12.8	13.2	13.3	13.5	13.7	13.7	13.6	14.4	14.1	13.9	13.8
Nebraska	27.2	27.2	27.7	27.5	28.1	28.1	28.3	28.8	28.6	29.1	28.8	28.7	29.2
Nevada	38.1	38.2	38.7	38.9	39.6	40.6	41.4	42.3	44.1	46.0	45.6	45.9	45.7
New Hampshire	16.3	15.9	16.2	16.5	16.1	16.4	16.3	15.8	17.5	17.5	17.6	17.1	16.5
New Jersey	107.8	107.0	105.9	105.3	104.8	105.8	104.1	103.7	109.4	105.6	101.8	99.7	98.5
New Mexico	29.9	29.9	30.1	30.2	30.4	30.4	30.4	30.4	31.7	31.7	31.8	32.3	32.8
New York	245.5	242.9	240.2	238.2	234.6	231.7	228.8	227.9	235.4	235.1	237.9	238.0	236.6
North Carolina	144.0	143.8	145.2	145.3	145.3	146.3	146.6	147.6	149.1	149.1	147.8	147.9	147.9
North Dakota	10.9	10.9	11.0	11.0	10.8	10.8	10.9	11.1	11.9	12.0	11.7	11.4	11.3
Ohio	180.0	180.4	181.7	182.0	182.1	182.8	182.6	183.6	186.5	186.6	186.2	184.8	184.4
Oklahoma	38.4	37.3	37.6	37.8	38.4	38.5	37.9	37.8	38.3	40.3	40.3	39.7	40.0
Oregon	49.7	49.8	50.9	49.8	49.2	48.9	48.8	48.4	48.7	50.9	50.8	50.2	50.4
Pennsylvania	197.3	196.0	195.2	194.3	194.3	195.4	195.0	194.7	198.9	198.3	191.4	192.4	194.2
Rhode Island	12.3	12.3	12.3	12.3	12.6	12.2	12.2	12.6	14.1	13.8	13.5	13.8	14.1
South Carolina	79.8	79.3	81.3	81.8	81.9	82.0	81.9	81.7	82.0	82.6	81.9	81.8	81.3
South Dakota	12.7	12.7	12.7	12.8	12.8	12.8	12.3	12.8	12.6	12.8	12.6	12.3	12.7
Tennessee	86.6	85.8	85.2	84.6	84.5	84.1	83.6	83.4	85.5	86.6	86.3	86.8	87.4
Texas	345.2	343.9	345.9	344.1	343.4	343.6	345.4	347.7	351.7	351.2	348.7	348.7	347.1
Utah	34.3	34.3	34.7	34.7	35.2	35.9	36.0	36.5	38.7	40.0	39.7	39.1	38.3
Vermont	11.0	11.0	11.1	11.1	11.2	11.6	11.8	12.1	13.0	13.0	13.1	12.4	11.9
Virginia	145.4	144.3	145.4	144.9	144.6	145.4	145.3	146.3	148.9	149.4	146.4	146.2	145.4
Washington	118.4	118.6	118.7	118.4	117.9	120.1	120.9	121.7	122.3	124.0	122.8	122.5	120.7
West Virginia	27.3	27.3	27.8	27.7	27.5	27.7	27.8	27.8	29.3	29.5	29.3	29.9	31.0
Wisconsin	91.7	92.2	91.5	91.5	91.8	92.8	93.7	94.6	94.2	96.0	96.0	96.4	99.0
Wyoming	11.3	10.9	10.9	11.3	11.3	11.3	11.4	11.5	11.4	11.3	10.7	10.7	10.8

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Manufacturing												
Alabama	379.6	379.5	379.3	380.5	380.0	381.1	381.8	382.5	384.7	385.7	384.1	382.3	379.8
Alaska	17.6	17.9	17.9	17.3	17.7	17.5	16.9	17.0	18.7	19.2	19.6	17.1	15.8
Arizona	172.2	172.0	172.0	171.2	171.1	171.0	170.5	170.5	171.0	170.9	171.5	171.1	171.4
Arkansas	238.5	238.4	236.4	235.7	236.0	236.2	237.6	238.3	239.9	242.0	242.2	243.1	242.4
California	1,905.1	1,897.7	1,897.6	1,880.1	1,867.0	1,853.4	1,854.6	1,846.5	1,843.7	1,837.2	1,824.7	1,816.6	1,806.3
Colorado	185.5	184.6	184.7	184.6	184.2	183.8	183.6	182.7	184.5	183.8	183.5	183.4	182.5
Connecticut	307.6	306.4	305.2	303.3	303.3	302.0	300.7	298.8	297.9	297.5	295.3	293.8	292.2
Delaware	68.1	67.8	67.6	67.5	67.2	64.4	68.2	67.4	67.2	67.0	66.2	66.6	66.3
District of Columbia	14.1	14.2	14.0	13.9	14.0	13.9	13.9	13.8	13.8	13.7	13.6	13.6	13.8
Florida	481.2	480.8	482.4	480.4	478.9	479.0	477.9	475.9	480.5	481.5	481.2	480.0	479.7
Georgia	542.7	542.9	545.1	542.8	546.0	546.8	546.5	546.6	551.4	551.4	547.8	548.4	546.2
Hawaii	19.5	19.6	19.5	19.5	19.4	19.3	19.1	19.0	18.9	18.7	18.9	18.7	18.7
Idaho	65.7	65.5	65.8	66.1	65.5	65.4	66.5	67.0	68.2	67.9	68.0	68.1	68.4
Illinois	927.2	926.8	926.9	925.0	924.4	924.1	925.3	926.2	927.9	926.9	924.7	925.5	919.6
Indiana	625.5	626.2	625.5	625.9	625.9	626.0	628.9	631.1	638.3	636.3	633.4	631.5	630.5
Iowa	230.1	230.1	229.3	230.0	230.0	228.7	231.2	231.3	232.4	233.5	233.8	232.6	232.0
Kansas	181.6	181.7	182.1	181.3	181.2	181.1	181.0	180.7	179.8	179.2	179.1	179.1	178.8
Kentucky	267.3	267.3	268.0	267.7	268.4	268.5	268.7	268.7	294.2	292.0	291.4	291.7	291.0
Louisiana	186.1	185.6	185.8	185.5	185.4	185.4	185.1	185.1	186.7	186.0	185.6	183.0	182.2
Maine	92.7	92.0	92.9	91.8	91.9	91.6	92.0	91.2	92.9	92.6	91.8	92.3	92.1
Maryland	183.5	183.3	182.6	182.4	181.2	181.4	180.8	180.9	182.2	182.2	181.1	181.2	180.4
Massachusetts	466.2	461.8	460.6	456.9	457.5	456.8	454.9	452.5	454.4	452.0	449.2	449.1	446.9
Michigan	898.7	894.9	889.1	896.4	892.5	893.3	898.8	902.0	916.8	913.1	908.8	899.6	895.8
Minnesota	395.4	394.7	396.3	395.4	396.9	398.1	397.9	398.4	398.8	399.5	398.3	398.0	396.6
Mississippi	252.3	251.6	251.1	250.4	250.7	250.1	250.8	251.9	253.1	254.8	255.3	253.1	252.1
Missouri	411.7	409.8	411.0	406.9	407.2	406.5	409.8	405.8	412.1	410.1	410.6	408.4	407.1
Montana	22.6	22.6	22.6	22.5	22.6	22.8	22.8	22.9	23.1	23.5	23.3	23.1	22.8
Nebraska	100.6	100.2	100.2	100.3	100.6	101.0	100.9	101.1	101.7	101.5	102.2	101.7	101.9
Nevada	26.0	26.1	26.2	26.2	26.2	26.4	26.4	26.5	26.7	26.8	26.8	27.2	27.0
New Hampshire	97.8	97.5	97.7	97.6	97.4	97.2	96.9	96.6	98.2	98.1	97.2	97.6	97.0
New Jersey	531.1	528.9	526.4	522.2	519.6	521.1	520.5	519.2	518.9	514.1	510.5	510.6	508.4
New Mexico	40.2	40.1	40.1	40.2	40.1	40.4	40.4	40.4	40.2	40.3	40.6	40.2	39.9
New York	1,022.0	1,017.9	1,018.2	1,009.2	1,003.5	1,000.9	1,000.1	999.4	1,008.1	1,004.4	997.0	989.2	983.1
North Carolina	833.7	834.0	834.4	834.5	834.9	835.8	835.0	836.5	840.6	842.5	843.1	841.9	844.0
North Dakota	18.2	18.3	18.4	18.4	18.6	18.7	18.7	18.7	19.1	19.3	19.0	19.3	19.3
Ohio	1,053.6	1,048.0	1,049.5	1,043.3	1,045.6	1,044.0	1,046.8	1,049.2	1,062.5	1,058.5	1,050.2	1,044.9	1,043.9
Oklahoma	164.5	163.7	163.9	163.4	158.7	163.7	163.5	163.5	164.5	165.3	164.3	164.0	163.3
Oregon	209.2	209.1	209.1	205.5	204.7	205.5	205.1	206.2	207.0	208.6	209.5	208.4	206.4
Pennsylvania	954.3	951.9	951.2	946.9	943.0	940.5	936.2	935.8	939.9	940.2	937.3	937.4	931.7
Rhode Island	90.5	90.0	89.3	89.8	89.1	89.2	89.0	88.4	90.1	89.8	89.5	88.7	88.8
South Carolina	371.7	370.7	368.5	370.1	369.9	370.2	371.1	371.5	373.8	371.6	370.6	369.9	368.5
South Dakota	36.8	36.9	36.9	36.7	37.0	37.4	37.8	38.2	38.5	38.6	39.1	39.3	39.3
Tennessee	512.8	513.5	517.5	513.3	512.5	513.0	512.9	514.6	518.2	517.1	517.9	518.2	517.7
Texas	971.4	971.3	969.6	968.7	970.1	972.3	972.8	973.7	981.3	985.6	985.8	984.5	982.6
Utah	106.2	105.9	106.1	106.3	106.0	105.6	105.0	104.8	105.2	106.2	107.0	107.7	107.8
Vermont	44.1	44.1	43.4	43.5	43.3	43.1	43.2	43.0	43.3	43.2	43.5	43.7	43.6
Virginia	408.3	407.7	406.8	406.7	405.7	405.3	406.2	404.3	408.6	406.6	404.0	403.1	405.0
Washington	347.8	346.5	347.3	344.7	343.6	344.2	342.9	343.0	343.3	343.8	342.1	341.5	341.2
West Virginia	81.8	81.6	82.0	82.0	82.0	82.0	82.8	82.6	83.3	83.6	83.0	82.7	82.7
Wisconsin	546.7	545.0	546.9	545.1	546.4	546.5	545.2	546.1	551.3	553.1	553.5	551.9	550.8
Wyoming	9.2	9.2	9.2	9.2	9.3	9.2	9.1	9.2	9.2	9.2	9.3	9.2	9.1

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^P
Transportation and public utilities													
Alabama	81.9	82.2	82.3	82.5	82.6	82.4	82.6	82.5	82.4	82.3	81.9	82.4	82.4
Alaska	23.3	22.2	22.4	22.5	22.6	22.3	22.7	22.8	23.0	22.9	22.7	22.9	23.1
Arizona	81.3	81.4	81.6	81.8	81.5	81.4	81.5	81.6	77.8	78.6	78.2	78.1	77.9
Arkansas	55.5	55.6	55.7	55.4	55.3	55.3	55.4	55.4	56.1	56.1	56.2	56.4	56.2
California	606.6	606.5	605.8	605.4	605.2	604.3	604.6	603.4	604.5	603.0	602.3	602.6	600.9
Colorado	99.5	99.6	99.8	99.8	99.9	100.3	100.3	100.3	100.5	100.5	100.6	101.0	101.8
Connecticut	67.6	67.3	68.1	67.7	67.2	67.0	66.9	66.4	67.2	67.7	66.6	65.1	65.4
Delaware	14.7	14.5	14.6	14.5	14.3	14.3	14.2	14.3	14.7	14.4	14.7	14.9	14.8
District of Columbia	23.2	23.2	23.2	23.1	23.1	23.4	23.0	23.0	23.0	23.0	23.4	23.2	23.0
Florida	273.1	274.1	273.1	272.8	271.7	272.9	273.8	277.1	273.6	276.3	278.0	278.4	279.7
Georgia	197.3	197.6	197.7	197.2	197.3	198.2	198.5	197.8	200.7	202.2	201.6	203.0	202.9
Hawaii	43.7	43.6	43.5	43.5	43.5	43.4	43.2	43.3	43.2	42.8	42.6	42.4	42.1
Idaho	20.3	20.3	20.3	20.2	20.5	20.5	20.5	20.4	20.9	21.0	20.8	20.6	20.5
Illinois	300.5	299.8	301.6	301.2	300.3	300.3	299.7	300.4	303.2	301.9	301.9	303.1	302.2
Indiana	131.1	130.6	130.3	129.4	129.7	130.1	129.7	129.5	130.0	129.6	129.8	128.7	128.8
Iowa	54.7	54.6	54.4	54.3	54.2	54.2	54.3	54.3	54.5	54.5	53.9	53.6	53.7
Kansas	65.3	65.2	65.9	64.5	63.9	64.3	64.2	63.8	65.5	65.6	65.6	66.0	65.9
Kentucky	81.8	81.7	81.6	81.6	82.1	82.2	82.7	82.6	83.3	83.3	83.1	83.0	82.5
Louisiana	105.4	105.0	104.9	104.3	104.3	104.7	104.7	104.6	105.5	105.6	105.0	105.8	105.0
Maine	21.4	21.3	21.5	21.5	21.6	21.4	21.3	21.2	21.7	21.3	21.6	21.4	20.9
Maryland	99.3	99.2	98.8	98.9	98.9	99.5	99.1	99.4	99.1	98.3	97.7	97.9	97.4
Massachusetts	120.7	120.5	120.3	120.0	119.7	119.9	120.8	119.9	121.1	119.1	117.7	118.4	118.2
Michigan	153.7	153.4	153.2	153.3	153.9	154.9	155.1	154.2	154.5	154.3	155.3	155.5	155.9
Minnesota	110.5	109.3	108.8	108.3	108.6	109.4	109.0	108.8	108.8	108.5	107.9	108.1	107.8
Mississippi	44.8	44.8	44.9	45.0	44.9	44.5	45.2	46.3	45.5	45.4	45.2	45.4	45.3
Missouri	151.6	151.3	151.3	150.7	150.3	150.4	150.0	149.4	151.2	152.1	152.1	152.6	152.4
Montana	20.4	20.2	20.1	20.1	20.1	20.0	20.0	20.0	20.2	20.2	20.1	20.1	20.2
Nebraska	47.3	47.2	47.0	46.9	47.0	47.1	47.1	47.2	47.2	47.3	47.4	47.6	47.4
Nevada	32.7	32.7	33.1	33.2	33.0	33.0	33.2	33.3	33.4	33.7	33.6	33.7	33.2
New Hampshire	17.2	17.3	17.1	16.9	16.9	17.1	16.9	17.0	17.6	17.8	17.7	17.4	17.1
New Jersey	229.5	229.8	228.8	228.2	228.7	227.5	227.9	227.1	230.6	232.1	229.9	229.8	229.5
New Mexico	28.7	28.7	28.6	28.7	28.6	28.7	28.6	28.5	28.7	28.7	28.7	28.6	27.9
New York	401.4	401.3	400.6	399.6	398.5	397.6	396.4	396.6	397.6	396.1	395.2	394.5	394.0
North Carolina	153.2	153.2	152.5	152.7	153.5	154.2	154.5	154.6	156.1	155.6	155.2	155.6	155.5
North Dakota	17.4	17.5	17.6	17.5	17.5	17.5	17.4	17.5	17.7	17.7	17.5	17.5	17.4
Ohio	212.2	211.6	211.8	211.6	211.8	210.8	210.7	210.4	211.1	211.5	210.8	210.0	209.9
Oklahoma	70.1	69.8	69.8	69.5	69.5	69.8	69.4	69.1	70.0	70.3	70.1	70.1	69.7
Oregon	65.7	65.6	65.0	64.8	65.1	65.4	65.4	65.4	66.0	65.7	65.8	65.7	65.1
Pennsylvania	262.4	262.7	261.5	261.8	263.2	263.5	264.4	264.0	266.9	266.9	266.9	266.2	265.3
Rhode Island	14.7	14.6	14.4	14.4	14.4	14.6	14.5	14.5	14.9	15.0	14.8	14.9	14.8
South Carolina	64.2	64.2	64.4	64.4	64.3	64.4	64.3	64.0	65.1	65.0	64.9	64.5	64.0
South Dakota	14.6	14.6	14.5	14.6	14.5	14.6	14.6	14.6	14.7	14.7	14.9	14.6	14.6
Tennessee	119.2	119.7	120.2	120.1	120.2	120.5	121.2	121.4	121.7	121.4	121.3	121.3	121.4
Texas	436.0	435.8	436.4	436.8	434.2	434.1	433.1	431.5	438.4	439.4	438.9	440.2	439.6
Utah	43.6	43.9	44.1	44.0	44.0	44.4	44.1	44.0	44.2	44.9	45.2	45.3	45.5
Vermont	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.1	11.0	11.1	10.9	11.0
Virginia	146.8	146.3	146.5	146.4	146.0	146.2	146.0	146.1	146.3	146.0	144.7	145.1	143.9
Washington	113.7	113.3	113.7	113.2	113.0	113.7	113.2	113.1	113.0	113.5	112.7	112.9	112.0
West Virginia	38.4	38.3	38.1	38.1	38.3	38.3	38.5	38.6	38.4	38.2	38.4	38.2	38.2
Wisconsin	109.7	110.1	109.4	109.8	109.8	109.2	109.5	109.3	111.0	111.9	111.7	111.2	111.1
Wyoming	14.4	14.3	14.1	14.1	14.1	14.1	14.0	14.1	14.2	14.1	14.1	14.3	14.3

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Wholesale and retail trade												
Alabama	366.1	366.5	368.0	367.8	368.5	369.6	369.9	370.5	372.2	373.8	372.4	372.1	370.0
Alaska	48.0	48.1	48.1	47.9	47.9	47.9	48.1	48.1	48.3	48.3	48.2	48.7	48.7
Arizona	376.0	374.8	378.5	378.3	378.9	379.4	379.8	378.3	380.8	381.6	380.2	381.1	380.4
Arkansas	212.1	212.4	212.8	213.4	214.0	215.6	216.5	217.2	218.4	218.5	217.9	217.0	216.6
California	2,846.4	2,841.9	2,832.8	2,823.4	2,820.2	2,814.9	2,809.7	2,803.6	2,807.8	2,805.8	2,801.5	2,796.8	2,789.5
Colorado	384.4	385.4	386.1	385.7	387.7	390.2	389.5	389.5	392.1	394.3	394.2	396.2	394.9
Connecticut	334.6	333.4	332.8	331.2	330.7	329.6	328.3	328.0	329.7	329.3	327.1	327.1	324.5
Delaware	75.9	75.6	75.8	75.8	75.3	76.1	76.6	76.4	76.8	76.6	75.9	75.8	75.4
District of Columbia	55.5	55.2	55.2	54.4	54.0	53.7	53.4	53.2	53.9	53.9	53.2	54.2	52.5
Florida	1,409.9	1,411.3	1,415.8	1,415.8	1,410.0	1,417.5	1,417.8	1,418.7	1,426.1	1,427.3	1,432.1	1,434.1	1,435.9
Georgia	740.0	741.1	748.0	748.2	745.1	753.7	755.5	756.5	763.5	766.5	765.1	766.9	763.2
Hawaii	136.5	135.8	135.6	134.8	134.5	133.5	133.0	133.0	132.6	133.3	133.2	133.0	132.0
Idaho	105.6	106.2	106.5	106.3	106.5	107.1	107.3	107.7	107.6	108.0	107.9	108.6	108.4
Illinois	1,229.2	1,226.6	1,224.9	1,223.8	1,223.2	1,231.6	1,232.8	1,230.6	1,231.4	1,234.7	1,230.8	1,233.8	1,238.8
Indiana	596.1	596.6	598.7	597.9	597.6	598.2	597.2	597.0	602.2	601.2	599.0	597.6	598.6
Iowa	318.5	318.1	318.3	317.5	317.5	317.6	316.6	316.6	318.9	319.8	319.7	318.4	318.4
Kansas	272.4	272.0	271.4	270.9	272.7	272.3	274.5	274.2	278.8	280.4	279.7	278.8	277.6
Kentucky	355.8	355.3	357.0	355.5	355.2	358.3	358.1	357.1	361.3	362.8	360.5	359.5	359.3
Louisiana	377.5	377.3	378.4	378.2	378.2	379.5	379.9	378.2	384.0	384.6	382.7	379.4	376.5
Maine	126.4	126.6	128.4	128.7	129.1	131.4	132.0	131.2	130.6	131.6	129.8	129.4	128.9
Maryland	507.8	505.0	504.7	503.1	502.8	503.2	501.7	501.3	505.3	505.9	500.1	502.5	502.5
Massachusetts	642.9	640.7	639.8	637.4	638.4	641.8	640.1	637.5	651.8	650.6	646.3	645.6	642.9
Michigan	924.1	923.0	928.4	928.0	925.8	933.5	933.4	935.7	947.3	950.2	939.7	934.7	935.4
Minnesota	526.9	524.9	524.9	529.3	531.2	532.2	532.3	532.8	535.0	535.1	533.2	533.7	534.9
Mississippi	200.4	200.4	200.5	200.9	200.3	202.5	202.7	202.1	204.3	204.6	203.3	202.5	201.5
Missouri	555.9	554.8	554.2	554.2	553.5	553.5	553.4	552.5	557.9	560.0	557.6	557.8	555.8
Montana	85.0	84.9	85.3	85.4	85.6	86.3	86.8	86.8	87.9	88.1	88.0	87.8	87.5
Nebraska	188.1	187.7	186.0	187.4	187.7	190.0	189.0	189.0	189.9	190.3	189.1	188.1	188.8
Nevada	129.9	129.7	130.3	130.8	131.2	131.9	132.0	132.0	132.7	133.0	132.9	133.2	132.6
New Hampshire	124.3	123.7	124.0	124.2	123.8	123.6	123.6	123.3	127.0	127.7	125.7	125.6	124.7
New Jersey	813.8	810.0	806.8	803.4	802.3	803.7	802.9	799.9	804.1	804.3	796.4	796.9	795.8
New Mexico	141.8	141.6	142.0	142.0	142.3	142.5	142.3	142.8	143.2	143.9	143.6	144.5	144.5
New York	1,577.4	1,570.8	1,566.6	1,559.4	1,554.4	1,555.5	1,553.6	1,551.0	1,554.9	1,565.8	1,557.5	1,560.6	1,562.3
North Carolina	712.1	714.2	715.1	714.3	716.6	719.0	721.4	722.3	732.2	734.5	727.7	726.1	725.7
North Dakota	73.2	73.2	73.2	73.3	73.3	73.6	73.7	73.9	74.8	74.8	73.9	73.7	73.5
Ohio	1,159.5	1,158.9	1,159.1	1,158.7	1,158.9	1,161.6	1,164.0	1,165.7	1,167.2	1,167.7	1,166.6	1,165.5	1,163.5
Oklahoma	285.4	284.6	284.7	283.7	282.4	283.6	281.1	280.0	283.7	289.0	289.0	289.3	287.1
Oregon	320.0	319.4	320.1	321.6	321.9	321.8	321.9	323.0	325.2	326.6	325.2	323.8	323.0
Pennsylvania	1,158.3	1,154.5	1,155.3	1,154.1	1,152.6	1,154.4	1,155.6	1,155.2	1,171.0	1,172.5	1,164.0	1,168.0	1,168.0
Rhode Island	91.0	90.8	90.8	90.3	89.9	90.0	89.3	89.1	92.1	92.2	91.3	91.6	91.2
South Carolina	344.5	343.1	343.5	344.2	346.4	351.1	350.8	350.8	355.5	357.8	357.8	357.3	357.5
South Dakota	79.8	80.1	79.4	80.1	79.5	79.9	80.0	80.1	80.6	80.8	81.2	80.8	80.5
Tennessee	518.6	517.9	519.7	520.0	520.3	521.1	520.4	519.9	523.8	525.9	525.7	526.6	525.2
Texas	1,751.9	1,749.9	1,754.6	1,754.0	1,757.0	1,761.9	1,763.0	1,763.4	1,784.2	1,794.3	1,791.9	1,793.0	1,782.7
Utah	183.7	183.8	184.9	185.1	185.2	186.0	185.3	185.2	188.4	190.9	191.0	191.7	191.3
Vermont	58.8	58.3	58.0	58.1	58.0	58.0	58.5	57.8	56.5	59.0	58.5	58.5	58.4
Virginia	635.5	634.9	634.8	633.1	631.8	633.6	631.6	631.4	636.2	636.4	633.4	635.4	634.3
Washington	537.5	537.4	538.2	538.1	538.7	540.1	539.5	539.6	547.6	548.2	546.6	546.8	545.7
West Virginia	146.0	145.2	146.2	146.3	146.6	146.8	147.1	147.4	148.5	148.6	146.3	148.8	149.5
Wisconsin	548.2	546.9	546.6	545.7	546.9	547.0	545.7	546.1	550.7	551.8	551.0	551.0	550.6
Wyoming	46.7	46.9	46.6	46.6	47.0	46.7	46.5	46.5	46.8	47.1	47.3	47.3	47.5

See footnotes at end of table.

ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Finance, insurance, and real estate												
Alabama	73.9	73.7	73.7	73.7	73.6	73.7	73.7	73.7	74.3	74.3	74.2	74.4	74.3
Alaska	10.6	10.7	10.7	10.8	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.7	10.7
Arizona	93.7	93.8	94.1	94.1	94.3	94.2	94.7	94.7	95.9	95.9	95.4	95.5	95.1
Arkansas	38.7	38.6	38.9	39.0	39.0	39.2	39.3	39.4	39.6	39.4	39.3	39.4	39.1
California	792.2	791.4	789.0	787.4	788.0	787.2	787.1	785.9	785.5	782.2	781.4	780.4	780.4
Colorado	99.5	99.6	99.8	100.0	100.4	100.7	100.7	100.9	102.0	101.9	101.8	102.0	102.1
Connecticut	143.3	142.8	142.6	142.2	141.8	141.5	141.5	140.5	138.7	139.3	138.7	139.7	139.7
Delaware	33.1	33.2	33.4	33.3	33.4	33.4	33.5	33.3	33.8	33.8	33.5	33.6	33.5
District of Columbia	33.8	33.7	33.6	33.4	33.5	33.8	33.9	33.7	33.8	32.7	32.7	32.7	32.7
Florida	352.4	351.4	352.9	351.5	350.9	352.1	351.8	351.6	353.4	354.0	353.3	354.4	353.6
Georgia	162.2	162.0	162.1	162.1	162.3	162.4	163.0	163.1	163.7	163.9	163.7	164.0	163.4
Hawaii	37.7	37.7	37.7	37.6	37.6	37.7	37.7	37.6	37.8	37.7	37.6	37.3	37.5
Idaho	21.3	21.4	21.6	21.6	21.7	21.9	21.9	22.0	22.3	22.3	22.3	22.3	22.3
Illinois	377.0	376.9	376.3	375.6	375.5	376.7	378.0	375.8	377.2	378.3	378.1	379.2	378.5
Indiana	127.3	127.3	127.7	127.8	127.6	127.6	127.9	127.9	129.9	130.0	130.1	130.3	130.6
Iowa	72.0	72.0	72.3	72.4	72.6	72.9	73.1	73.2	73.3	73.7	73.4	73.6	73.5
Kansas	57.8	57.5	57.6	57.6	57.8	58.0	58.1	58.2	58.4	58.3	58.3	57.9	57.8
Kentucky	62.2	62.4	62.4	62.4	62.9	63.1	63.1	63.3	63.8	64.1	63.9	63.7	63.3
Louisiana	77.1	77.1	77.2	77.3	77.1	77.5	77.3	77.1	77.7	77.9	77.6	77.3	77.2
Maine	24.4	24.3	24.4	24.4	24.8	24.1	23.9	23.9	24.0	24.0	23.9	23.9	24.3
Maryland	128.8	128.3	128.2	128.1	128.1	129.0	128.6	128.5	129.1	128.5	128.4	128.6	128.3
Massachusetts	196.5	195.8	195.3	195.1	194.7	195.8	195.3	194.0	195.8	194.7	193.8	193.6	192.6
Michigan	189.0	188.5	188.5	188.1	188.0	188.3	188.0	187.6	189.2	189.3	187.8	188.5	188.0
Minnesota	129.1	129.6	129.9	130.0	130.3	130.7	131.0	131.0	132.2	132.4	132.5	133.5	133.6
Mississippi	38.3	38.3	38.3	38.2	38.2	38.2	38.3	38.4	38.8	38.8	38.6	38.5	38.7
Missouri	136.2	135.6	136.2	136.1	135.9	136.5	136.7	136.6	138.7	138.6	138.3	138.5	138.0
Montana	14.2	14.3	14.4	14.3	14.4	14.5	14.6	14.6	14.8	14.7	14.6	14.6	14.6
Nebraska	49.1	48.8	49.0	49.1	48.9	49.2	49.0	48.8	49.2	48.8	48.6	48.9	48.7
Nevada	28.9	28.9	29.0	29.2	29.5	29.4	29.6	29.6	30.3	30.5	30.6	30.6	30.8
New Hampshire	29.4	29.2	29.3	29.3	29.4	29.4	29.4	29.5	29.3	29.4	29.3	29.1	29.1
New Jersey	225.7	225.9	225.6	225.7	225.7	226.0	226.3	226.5	226.2	225.6	225.7	225.4	225.3
New Mexico	26.6	26.7	26.7	26.6	26.6	26.6	26.6	26.5	26.6	26.8	26.7	26.6	26.7
New York	738.3	737.4	736.5	734.9	733.3	735.2	734.4	732.8	735.1	734.4	731.8	731.6	730.5
North Carolina	134.0	134.2	134.7	135.0	135.4	136.4	136.3	136.8	138.2	138.5	138.7	139.1	138.7
North Dakota	12.9	12.9	12.8	13.0	13.0	13.1	13.2	13.2	13.2	13.3	13.3	13.4	13.4
Ohio	256.7	256.4	256.8	257.0	256.6	256.7	256.8	257.1	257.9	257.9	258.1	258.2	257.8
Oklahoma	60.3	60.4	60.8	60.5	60.4	60.3	60.4	60.4	60.6	60.4	60.5	60.7	60.2
Oregon	85.8	85.9	86.0	86.2	86.7	87.2	87.3	87.2	87.7	88.3	87.9	87.9	87.8
Pennsylvania	301.4	301.3	300.6	299.4	298.7	299.6	299.5	298.5	301.9	301.4	300.8	300.9	301.6
Rhode Island	25.5	25.4	25.3	25.3	25.1	25.0	24.9	24.7	24.7	24.4	24.6	24.7	24.5
South Carolina	64.8	64.7	64.8	64.4	64.5	64.7	64.7	64.6	65.4	65.1	64.9	65.3	65.0
South Dakota	17.2	17.1	17.1	17.0	17.1	17.1	17.0	17.0	17.2	17.5	17.5	17.6	17.7
Tennessee	100.8	100.9	100.7	100.6	100.7	100.6	100.6	100.4	101.5	101.2	101.2	101.0	100.7
Texas	419.7	418.8	418.8	418.3	418.1	418.6	418.7	418.5	425.8	425.0	424.5	424.3	425.3
Utah	37.3	37.2	37.2	37.3	37.4	37.6	37.7	37.6	37.8	37.8	37.9	38.4	38.9
Vermont	11.9	11.9	11.9	11.9	11.8	11.9	11.7	11.7	11.6	11.7	11.8	11.7	11.6
Virginia	149.5	149.0	148.5	148.3	148.0	148.2	147.8	148.2	149.8	150.1	149.6	150.4	150.0
Washington	118.8	118.7	119.0	118.7	118.0	118.0	117.9	117.9	117.6	117.7	117.2	117.3	116.6
West Virginia	24.4	24.4	24.6	24.7	24.7	24.7	24.8	24.7	24.8	24.9	24.8	25.0	25.0
Wisconsin	126.5	126.6	126.8	127.1	127.7	127.8	127.8	128.1	128.3	128.5	128.6	129.4	129.4
Wyoming	7.3	7.2	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.5

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Services												
Alabama	344.3	344.4	345.5	347.1	347.9	349.8	352.1	352.8	355.0	356.0	355.7	354.8	354.5
Alaska	53.0	53.6	54.1	54.0	54.3	54.3	54.4	54.4	54.9	54.8	54.9	55.3	55.1
Arizona	422.1	423.5	427.4	428.0	429.4	430.7	430.2	431.7	433.1	432.1	433.2	433.6	434.0
Arkansas	209.7	210.2	211.1	211.4	211.7	212.8	213.4	214.0	214.9	213.4	212.9	213.7	213.7
California	3,424.9	3,423.8	3,425.3	3,421.4	3,419.7	3,425.4	3,427.9	3,430.3	3,441.2	3,445.1	3,446.3	3,447.7	3,449.5
Colorado	439.2	440.6	443.2	443.9	445.7	450.5	449.9	451.1	450.3	451.0	451.8	455.4	455.9
Connecticut	420.8	420.7	419.4	418.2	417.9	419.6	420.6	420.5	421.6	422.4	419.3	423.2	421.0
Delaware	85.6	85.7	86.0	86.0	87.2	87.9	87.9	87.7	89.0	88.1	87.2	87.8	86.8
District of Columbia	255.5	254.4	256.5	256.2	255.9	257.2	256.1	256.2	255.0	257.0	256.1	257.0	255.2
Florida	1,682.9	1,683.2	1,690.1	1,692.1	1,698.5	1,703.6	1,707.6	1,710.8	1,710.8	1,719.6	1,722.8	1,733.9	1,740.3
Georgia	668.7	670.1	674.2	676.6	677.7	687.5	686.8	685.2	695.6	694.6	691.2	697.7	702.0
Hawaii	163.7	163.3	164.7	162.3	161.9	160.9	160.8	160.7	159.5	159.3	159.4	160.4	161.4
Idaho	89.9	90.2	90.5	90.7	91.1	92.1	92.6	93.0	92.6	89.5	92.7	93.1	92.6
Illinois	1,392.2	1,387.8	1,384.4	1,380.5	1,387.5	1,393.1	1,395.8	1,397.4	1,405.6	1,408.3	1,404.6	1,409.3	1,413.2
Indiana	550.0	551.3	552.9	553.5	553.2	559.9	564.3	565.8	565.0	567.2	565.4	565.2	565.3
Iowa	306.6	306.7	306.7	306.5	306.5	306.8	306.9	306.9	308.6	308.1	306.8	306.0	306.5
Kansas	258.7	258.6	259.9	260.0	259.4	261.5	262.2	263.1	263.8	265.4	264.3	264.6	264.3
Kentucky	350.2	350.7	351.8	351.2	350.7	353.4	354.3	354.7	359.2	359.8	359.3	357.1	357.5
Louisiana	393.0	393.9	395.5	394.9	396.3	398.4	399.8	400.4	400.2	401.3	399.8	397.6	395.7
Maine	128.6	129.2	131.4	131.8	130.9	130.1	130.3	130.0	131.4	131.2	130.9	130.1	129.7
Maryland	632.2	630.6	633.0	631.7	631.0	632.8	632.6	631.7	636.9	635.6	632.6	635.8	637.8
Massachusetts	907.3	907.6	910.7	909.5	907.3	910.6	910.3	907.5	922.8	916.3	916.5	914.8	914.6
Michigan	969.7	971.2	972.1	973.1	974.8	975.1	983.7	986.6	999.3	999.4	998.5	995.1	997.7
Minnesota	588.7	591.0	594.3	597.1	599.9	602.9	604.7	607.9	610.7	613.6	614.1	617.2	618.4
Mississippi	172.9	171.0	175.6	176.6	180.6	185.8	186.2	187.1	187.2	186.5	185.4	186.0	186.8
Missouri	600.1	599.5	601.7	601.5	602.8	606.7	603.8	603.8	608.6	612.2	612.2	614.6	612.6
Montana	81.1	81.4	81.9	82.1	82.2	82.8	83.2	84.1	85.1	85.4	85.0	84.5	84.3
Nebraska	184.6	184.7	184.7	185.2	186.9	187.9	187.2	186.2	185.5	184.5	185.2	185.7	186.6
Nevada	284.5	283.8	283.5	283.9	284.6	286.5	287.7	287.8	290.4	288.6	288.5	288.1	287.1
New Hampshire	129.0	129.6	129.0	128.9	129.5	131.1	130.8	131.2	133.3	132.9	132.6	132.5	131.9
New Jersey	972.6	973.2	972.0	972.3	972.7	976.0	976.4	976.6	980.2	977.7	977.8	978.7	976.6
New Mexico	159.6	159.8	160.0	159.5	160.0	159.9	160.6	160.8	160.4	161.8	161.7	162.0	162.8
New York	2,333.6	2,333.4	2,341.9	2,338.8	2,339.6	2,347.4	2,351.0	2,351.5	2,365.2	2,369.0	2,366.1	2,372.5	2,371.9
North Carolina	636.1	638.9	642.9	640.5	644.2	652.2	656.5	660.8	662.7	666.4	666.2	669.9	673.7
North Dakota	73.3	73.8	73.8	74.1	74.0	74.3	74.6	74.3	75.1	75.2	75.0	74.7	74.8
Ohio	1,230.5	1,232.1	1,234.5	1,236.4	1,238.3	1,242.3	1,246.9	1,249.5	1,255.3	1,256.6	1,258.4	1,259.8	1,260.6
Oklahoma	286.8	286.7	288.3	284.7	284.3	287.5	287.3	288.2	289.2	292.0	294.3	293.4	292.6
Oregon	309.7	309.7	310.5	309.6	312.2	313.6	314.1	313.7	316.6	319.7	319.9	320.8	320.9
Pennsylvania	1,489.7	1,485.1	1,485.1	1,484.0	1,490.9	1,503.6	1,505.6	1,507.2	1,508.6	1,515.1	1,509.6	1,514.5	1,516.7
Rhode Island	127.2	127.3	127.9	128.0	127.5	127.7	127.8	128.0	129.2	129.0	127.4	127.0	126.8
South Carolina	306.4	307.5	309.7	311.3	311.0	314.3	315.7	316.6	317.9	319.7	320.5	321.9	321.8
South Dakota	77.9	78.6	78.9	78.5	78.3	78.6	79.0	79.2	79.8	79.6	79.8	79.9	78.9
Tennessee	532.5	533.9	534.8	535.0	538.6	540.7	543.4	544.4	548.5	547.5	547.9	550.2	549.3
Texas	1,834.8	1,835.1	1,844.7	1,846.1	1,857.4	1,870.6	1,878.9	1,888.3	1,922.5	1,907.2	1,907.1	1,900.5	1,896.4
Utah	195.3	195.6	197.5	198.5	199.3	201.5	201.8	203.2	203.5	204.8	206.0	207.5	209.1
Vermont	68.5	68.7	69.1	68.9	69.7	70.2	70.8	70.0	69.3	71.9	71.6	71.8	73.3
Virginia	756.3	755.4	757.8	752.8	758.1	762.5	767.0	765.4	770.1	770.1	767.8	773.1	772.0
Washington	550.2	552.7	553.9	553.3	557.4	561.5	564.4	565.4	567.0	568.6	567.4	568.4	570.1
West Virginia	156.3	157.0	158.0	158.0	158.8	160.3	160.8	161.0	161.6	162.6	161.7	163.7	163.3
Wisconsin	569.3	570.4	571.7	571.6	572.2	576.7	578.6	579.8	580.6	582.6	582.5	582.6	584.4
Wyoming	42.2	41.6	41.7	41.7	41.8	42.1	41.9	42.1	42.1	42.0	41.9	41.6	42.7

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^P
Government													
Alabama	335.7	338.2	339.1	342.4	336.9	339.6	340.4	341.2	341.2	342.7	342.8	341.2	341.1
Alaska	73.4	73.4	72.9	73.0	73.1	73.5	73.9	73.4	74.9	73.8	73.7	73.8	74.4
Arizona	274.3	278.0	277.6	280.0	290.9	280.1	281.2	279.4	283.7	287.1	287.2	284.5	281.1
Arkansas	167.0	167.2	167.3	167.2	168.9	168.9	168.8	169.3	170.2	169.5	169.4	169.4	168.7
California	2,091.3	2,090.6	2,098.0	2,094.2	2,090.4	2,083.9	2,080.8	2,078.3	2,071.7	2,073.4	2,068.3	2,067.9	2,068.3
Colorado	289.3	290.1	292.1	295.6	292.5	294.0	294.1	294.3	294.2	295.3	295.4	295.7	295.1
Connecticut	205.6	203.6	207.9	206.4	204.0	205.3	205.8	204.8	204.3	204.7	207.7	205.8	208.0
Delaware	48.1	48.8	48.6	48.9	48.7	49.1	49.1	49.1	48.5	49.5	49.4	49.4	49.5
District of Columbia	285.7	285.2	287.3	287.3	287.2	288.2	289.1	289.3	289.2	290.3	289.9	290.8	290.9
Florida	862.2	865.1	869.6	872.0	873.2	873.4	870.4	872.3	870.3	875.4	873.7	884.9	878.4
Georgia	532.4	531.9	532.4	533.8	536.4	538.4	540.0	540.2	540.6	541.2	540.3	541.0	540.0
Hawaii	111.1	111.5	110.6	110.8	111.2	111.5	111.5	112.1	111.4	112.2	112.5	112.6	113.3
Idaho	87.5	88.1	88.6	88.3	87.8	87.5	87.8	87.3	87.0	88.4	87.8	87.7	88.7
Illinois	769.0	765.0	753.9	752.3	766.6	773.0	771.0	770.5	770.9	773.5	769.7	767.6	767.5
Indiana	386.0	383.1	386.7	386.9	387.6	388.5	388.9	388.5	386.2	388.6	388.7	388.9	388.4
Iowa	220.7	223.1	220.8	221.2	222.0	222.4	224.8	222.0	222.4	220.9	223.5	222.6	222.9
Kansas	223.4	225.1	228.5	232.9	227.1	227.6	228.6	228.6	228.6	230.2	231.1	232.6	230.7
Kentucky	272.1	274.1	273.8	273.5	276.2	276.0	275.9	276.4	273.2	277.3	277.6	276.7	274.9
Louisiana	339.7	341.1	343.1	343.3	343.7	328.8	329.5	330.8	334.9	335.7	336.4	331.4	329.7
Maine	95.9	96.3	96.3	96.1	95.6	94.9	94.6	94.4	94.9	95.4	95.8	94.6	94.3
Maryland	413.5	411.6	414.2	413.9	412.6	413.8	413.6	413.5	416.8	416.6	416.5	417.2	417.5
Massachusetts	380.7	378.7	377.2	376.2	373.4	374.7	375.1	373.4	371.9	373.3	374.6	375.7	374.1
Michigan	641.2	642.9	637.0	644.5	636.2	643.2	644.9	642.7	641.6	639.6	638.8	640.2	644.3
Minnesota	346.2	346.3	347.2	347.6	346.1	349.2	349.9	348.9	349.4	349.2	351.0	349.7	350.7
Mississippi	207.0	210.4	208.4	213.8	210.5	211.0	211.3	212.0	211.9	214.0	212.6	213.7	214.2
Missouri	370.5	370.8	374.0	372.4	371.8	373.3	374.0	374.3	372.5	374.8	375.1	377.0	377.0
Montana	74.0	74.8	74.1	74.6	74.1	73.7	73.8	74.0	73.9	74.2	74.2	74.0	73.7
Nebraska	150.3	148.1	148.3	147.9	147.0	146.8	151.1	145.8	147.1	147.0	146.9	146.7	146.2
Nevada	85.4	82.7	86.2	87.3	90.5	86.5	90.6	87.1	87.4	87.0	88.6	88.7	89.3
New Hampshire	72.8	72.4	71.8	71.0	71.9	71.9	72.1	72.2	71.2	72.7	72.4	72.6	71.7
New Jersey	565.8	568.3	573.8	575.5	567.9	568.9	569.3	568.9	569.1	568.7	568.6	566.9	570.0
New Mexico	156.2	159.9	154.8	155.2	155.7	155.8	160.6	156.5	157.0	157.2	157.9	157.6	159.6
New York	1,423.0	1,418.6	1,445.6	1,445.1	1,428.5	1,424.0	1,426.5	1,424.1	1,424.4	1,420.2	1,421.5	1,419.6	1,418.7
North Carolina	512.1	511.6	511.6	510.6	510.7	508.7	508.2	510.5	513.8	514.0	513.0	513.4	514.2
North Dakota	65.6	65.9	66.6	67.6	67.3	67.5	67.5	67.5	67.9	67.9	67.6	67.5	67.3
Ohio	735.4	734.3	731.0	734.7	734.0	735.0	733.4	733.5	734.8	734.3	733.3	733.4	735.3
Oklahoma	268.3	271.4	283.8	275.7	269.1	269.0	268.3	268.5	269.6	267.9	266.1	267.1	267.8
Oregon	230.3	229.0	230.7	231.0	231.4	230.6	237.5	231.8	232.1	232.6	232.8	232.5	231.9
Pennsylvania	698.8	700.6	698.8	696.5	696.3	696.5	696.9	695.6	696.1	697.8	697.2	696.1	702.3
Rhode Island	61.7	62.0	61.4	61.6	61.7	61.8	62.4	61.8	61.3	61.0	61.5	60.7	62.0
South Carolina	289.5	291.2	293.1	292.7	292.4	292.7	301.0	292.8	296.9	294.8	295.7	296.6	295.4
South Dakota	65.1	64.4	64.3	65.5	65.8	65.7	66.5	65.7	65.6	65.6	65.2	64.8	64.9
Tennessee	353.7	353.3	353.7	353.6	353.9	354.5	355.3	355.1	355.0	355.1	355.7	355.4	355.9
Texas	1,323.5	1,326.1	1,353.0	1,361.4	1,340.5	1,344.3	1,343.8	1,346.4	1,358.0	1,361.6	1,367.5	1,367.9	1,367.1
Utah	156.3	156.7	156.4	156.9	157.8	158.3	158.3	158.6	157.6	158.0	158.6	156.9	157.6
Vermont	43.3	43.2	43.3	43.2	43.0	43.3	43.5	43.1	43.9	43.4	42.9	43.4	43.5
Virginia	587.5	587.1	588.7	588.8	591.0	593.3	593.8	593.9	594.4	594.6	594.4	593.8	590.9
Washington	422.9	422.3	421.7	422.2	425.0	426.4	427.2	427.9	428.1	425.7	428.4	429.7	428.3
West Virginia	142.9	130.6	132.7	132.5	131.0	131.2	131.3	131.8	131.5	131.4	132.1	132.6	132.5
Wisconsin	355.1	355.1	357.6	359.1	359.7	358.4	360.3	358.7	359.9	361.7	360.7	358.9	360.1
Wyoming	56.9	56.8	57.1	56.9	56.7	56.8	57.4	57.1	57.2	57.2	57.2	56.7	56.6

¹ Includes mining, not shown separately.

² Mining is combined with construction.

³ Data not available.

^P = preliminary.

NOTE: All State data have been adjusted to March 1992 benchmarks.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry

(In thousands)

State and area	Total			Mining			Construction		
	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Alabama	1,674.8	1,694.9	1,696.3	11.0	10.7	10.5	75.7	76.3	76.9
Birmingham	428.4	433.0	433.2	5.2	4.9	4.9	21.6	22.3	22.3
Huntsville	139.4	139.9	140.1	(¹)	(¹)	(¹)	4.7	4.6	4.6
Mobile	188.5	192.5	192.8	(¹)	(¹)	(¹)	12.5	13.4	13.5
Montgomery	138.7	141.5	141.1	(¹)	(¹)	(¹)	6.4	6.3	6.2
Tuscaloosa	66.5	68.3	68.2	2.6	2.5	2.5	3.3	3.3	3.4
Alaska	250.2	245.1	252.0	10.6	10.0	10.0	10.3	9.2	10.8
Anchorage	114.0	113.9	116.6	3.5	3.3	3.2	5.4	5.0	5.9
Arizona	1,526.5	1,555.3	1,550.4	12.6	12.5	12.5	81.2	83.0	84.8
Phoenix	992.0	1,008.0	1,006.8	.7	.8	.8	52.9	54.7	55.7
Tucson	269.0	273.6	270.9	2.3	2.1	2.1	14.8	15.4	15.6
Arkansas	967.6	982.1	985.3	3.5	3.5	3.6	38.5	37.7	38.8
Fayetteville-Springdale	59.3	62.0	61.4	(¹)	(¹)	(¹)	2.2	2.2	2.4
Fort Smith	83.6	83.7	83.4	.8	.8	.9	2.7	2.7	2.7
Little Rock-North Little Rock	265.5	267.9	268.9	(¹)	(¹)	(¹)	11.8	11.2	11.5
Pine Bluff	34.1	34.1	34.3	(¹)	(¹)	(¹)	.9	.8	.8
California	12,193.8	11,980.2	11,997.3	35.5	32.8	32.9	482.8	449.4	458.1
Anaheim-Santa Ana	1,128.3	1,110.8	1,113.4	1.2	1.0	1.0	49.1	42.7	44.5
Bakersfield	175.5	173.8	174.0	12.2	11.1	11.1	9.2	9.7	9.5
Fresno	229.5	227.8	229.0	.7	.5	.4	11.7	10.8	10.9
Los Angeles-Long Beach	3,823.4	3,760.3	3,753.4	7.8	7.9	7.9	107.8	100.4	101.1
Modesto	119.0	117.3	118.4	(²)	(²)	(²)	6.4	6.1	6.2
Oakland	871.6	859.3	861.4	3.4	3.0	3.1	40.7	40.4	40.8
Oxnard-Ventura	227.7	223.2	224.2	2.0	1.8	1.8	9.9	10.0	10.4
Riverside-San Bernardino	727.5	715.5	714.9	1.3	1.3	1.3	41.2	37.1	38.4
Sacramento	623.4	620.7	621.5	.8	.7	.7	30.5	26.6	27.3
Salinas-Seaside-Monterey	110.3	108.4	108.9	.3	.3	.3	4.0	3.7	3.6
San Diego	951.2	933.5	935.6	.5	.5	.5	44.1	39.9	40.5
San Francisco	915.1	911.0	912.9	.6	.6	.6	27.8	28.3	28.4
San Jose	789.7	771.1	773.1	.2	.2	.2	27.1	26.1	26.3
Santa Barbara-Santa Maria-Lompoc	146.1	141.1	141.3	1.1	1.0	1.0	6.2	4.8	4.8
Santa Rosa-Petaluma	142.7	141.6	142.4	.6	.6	.6	8.0	7.9	8.1
Stockton	152.8	153.3	154.0	.1	.1	.1	6.3	5.7	6.1
Vallejo-Fairfield-Napa	141.0	137.9	139.0	.4	.4	.5	9.6	8.9	9.1
Colorado	1,584.1	1,626.5	1,627.6	16.5	15.7	15.8	74.2	78.7	83.4
Boulder-Longmont	128.1	130.6	131.7	(¹)	(¹)	(¹)	4.4	4.4	4.5
Denver	874.1	888.1	896.2	9.2	8.2	8.1	40.5	45.5	48.0
Connecticut	1,532.5	1,496.7	1,503.8	.9	1.0	1.0	46.7	43.6	46.3
Bridgeport-Milford	177.2	173.9	175.5	(²)	(²)	(²)	4.9	4.2	4.7
Hartford	438.6	421.0	423.3	(¹)	(¹)	(¹)	12.0	10.9	11.9
New Britain	61.0	60.1	60.3	(²)	(²)	(²)	3.8	3.3	3.5
New Haven-Meriden	234.6	232.3	230.8	(¹)	(¹)	(¹)	7.4	7.5	7.9
Stamford	114.0	111.5	112.6	(¹)	(¹)	(¹)	3.2	2.6	2.7
Waterbury	79.9	80.1	80.6	(²)	(²)	(²)	2.5	2.2	2.3
Delaware	346.7	345.6	348.7	.1	.1	.1	19.5	19.3	20.4
Wilmington	290.2	288.9	290.2	.2	.2	.2	16.6	14.9	15.7
District of Columbia	677.6	678.9	678.4	.1	.1	.1	9.2	9.6	9.5
Washington MSA	2,198.6	2,196.1	2,208.8	.6	.6	.6	97.6	93.5	96.0
Florida	5,353.9	5,478.3	5,476.1	7.2	6.6	6.6	259.7	273.7	275.4
Daytona Beach	123.9	128.4	127.3	(²)	(²)	(²)	6.6	6.3	6.5
Fort Lauderdale-Hollywood-Pompano Beach	509.9	531.0	530.0	.2	.2	.2	25.0	29.0	29.2
Fort Myers-Cape Coral	125.8	131.4	130.2	(²)	(²)	(²)	9.6	11.4	11.7
Gainesville	102.3	105.1	104.2	(²)	(²)	(²)	3.6	3.8	3.8
Jacksonville	419.8	422.8	424.6	(²)	(²)	(²)	22.2	23.0	23.2
Lakeland-Winter Haven	148.7	151.0	151.7	3.2	3.0	3.0	6.9	6.5	6.5
Melbourne-Titusville-Palm Bay	164.1	162.4	162.0	(²)	(²)	(²)	7.8	7.4	7.5
Miami-Hialeah	657.2	880.4	880.8	.6	.6	.6	29.3	39.4	39.4
Orlando	574.3	586.5	588.8	(²)	(²)	(²)	28.4	28.4	28.7
Pensacola	133.1	134.8	134.9	(²)	(²)	(²)	7.5	7.5	7.6
Sarasota	114.6	117.3	116.4	(²)	(²)	(²)	7.1	7.0	7.0
Tallahassee	128.5	131.2	129.5	(²)	(²)	(²)	5.2	4.9	4.9
Tampa-St. Petersburg-Clearwater	866.2	879.1	879.7	.5	.4	.4	40.9	39.7	39.8
West Palm Beach-Boca Raton-DeLray Beach	355.1	361.2	359.5	(²)	(²)	(²)	18.0	19.0	19.1

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Alabama	380.0	380.9	380.3	81.8	82.0	82.3	365.8	369.8	369.9
Birmingham	54.5	53.4	53.5	30.9	30.0	30.1	102.8	104.1	104.0
Huntsville	31.6	32.0	32.0	3.1	3.2	3.3	26.1	26.5	26.5
Mobile	27.5	27.7	27.5	10.7	10.8	11.0	48.7	49.6	49.8
Montgomery	16.4	17.4	17.1	5.8	5.7	5.8	31.4	32.2	32.3
Tuscaloosa	10.0	10.4	10.4	2.2	2.2	2.2	13.8	14.0	14.1
Alaska	18.6	17.3	16.8	23.7	21.8	23.5	48.7	47.0	49.4
Anchorage	2.2	1.8	1.8	12.6	11.8	12.5	26.2	25.8	26.7
Arizona	171.2	169.8	170.4	81.3	77.8	77.9	376.3	381.6	380.6
Phoenix	127.1	126.1	126.3	56.6	53.6	53.7	246.7	249.8	248.3
Tucson	24.2	24.1	24.4	10.7	11.2	11.2	63.1	64.0	64.5
Arkansas	236.4	242.0	242.4	55.2	55.7	55.9	213.5	216.3	218.1
Fayetteville-Springdale	14.1	15.3	15.2	4.5	4.6	4.7	13.7	13.7	13.8
Fort Smith	25.5	25.8	25.9	5.0	5.3	5.4	16.9	16.8	16.6
Little Rock-North Little Rock	33.0	33.4	33.5	17.2	17.2	17.3	61.7	62.1	62.7
Pine Bluff	6.9	7.2	7.1	2.3	2.1	2.2	7.1	7.0	7.1
California	1,898.3	1,806.3	1,800.1	604.2	598.6	598.5	2,825.3	2,762.6	2,769.4
Anaheim-Santa Ana	219.1	211.6	210.4	35.3	36.1	36.2	279.9	274.8	275.1
Bakersfield	10.7	10.3	10.3	8.7	9.0	9.0	41.2	40.5	40.4
Fresno	24.9	24.7	25.4	12.0	12.1	12.0	56.8	56.0	56.1
Los Angeles-Long Beach	721.2	676.1	670.2	203.4	199.3	199.0	851.8	838.8	840.1
Modesto	23.1	22.6	22.9	5.2	5.2	5.4	30.3	30.0	29.9
Oakland	110.7	105.6	105.2	53.8	53.3	53.7	203.3	197.9	198.9
Oxnard-Ventura	32.2	30.9	31.3	10.7	10.5	10.3	53.9	52.8	52.7
Riverside-San Bernardino	87.0	84.5	84.0	36.1	36.3	36.3	186.2	183.7	183.4
Sacramento	41.6	41.8	41.6	29.1	28.8	28.7	142.0	140.2	141.1
Salinas-Seaside-Monterey	9.5	9.2	9.6	5.0	5.0	5.1	28.8	28.0	28.2
San Diego	125.5	116.9	116.6	34.7	34.8	34.7	219.5	214.1	214.5
San Francisco	75.2	76.2	76.2	77.6	75.9	75.8	195.1	190.3	190.8
San Jose	235.1	225.1	224.7	22.2	22.6	22.6	157.3	153.1	153.6
Santa Barbara-Santa Maria-Lompoc	19.8	18.6	18.4	5.3	4.9	4.9	33.3	31.9	32.1
Santa Rosa-Petaluma	19.9	19.8	19.8	5.6	5.8	5.8	35.9	34.9	35.2
Stockton	21.3	20.9	21.1	9.5	9.7	9.8	36.7	37.6	37.7
Vallejo-Fairfield-Napa	13.0	12.4	12.6	5.5	5.7	5.6	34.5	34.4	34.5
Colorado	184.4	181.4	181.4	98.8	100.7	101.1	380.6	390.5	391.0
Boulder-Longmont	28.0	28.2	28.2	3.0	3.1	3.2	26.8	27.5	27.9
Denver	90.9	89.0	88.6	71.1	72.2	72.8	210.8	213.4	216.9
Connecticut	307.2	293.3	291.8	68.2	64.6	66.0	333.6	321.4	323.7
Bridgeport-Milford	45.8	45.8	45.6	7.4	6.8	7.0	39.6	37.8	38.3
Hartford	72.6	64.5	63.9	18.2	17.2	17.2	92.8	89.2	90.0
New Britain	16.4	15.7	15.5	2.7	2.3	2.5	12.9	13.1	13.3
New Haven-Meriden	42.6	41.3	41.3	15.9	15.9	15.7	49.5	47.2	47.6
Stamford	17.2	16.7	16.8	5.2	4.8	4.8	26.3	26.0	26.2
Waterbury	17.9	17.2	17.3	3.2	3.2	3.2	16.1	16.1	16.3
Delaware	67.8	65.8	66.0	14.7	15.0	14.9	76.1	74.0	75.7
Wilmington	58.2	55.8	55.5	16.4	16.8	16.7	58.2	57.2	57.9
District of Columbia	14.1	13.6	13.8	23.3	23.1	23.1	55.8	53.8	52.9
Washington MSA	79.7	78.4	78.9	103.3	100.7	101.4	411.1	402.0	406.6
Florida	481.2	478.5	479.7	273.1	278.4	279.7	1,413.4	1,441.3	1,440.2
Daytona Beach	11.3	11.3	11.2	3.7	3.9	3.8	36.2	36.7	36.2
Fort Lauderdale-Hollywood-Pompano Beach	38.9	40.0	40.1	24.7	26.0	25.9	147.2	152.8	152.0
Fort Myers-Cape Coral	5.3	5.4	5.4	5.7	5.9	6.0	35.8	36.8	36.1
Gainesville	5.5	5.7	5.8	2.0	2.0	2.0	21.0	21.5	21.3
Jacksonville	33.4	34.0	34.0	31.2	30.6	31.0	109.6	109.5	109.8
Lakeland-Winter Haven	20.0	20.9	21.3	7.5	7.5	7.7	41.7	42.7	42.7
Melbourne-Titusville-Palm Bay	29.0	28.3	28.1	4.6	4.8	4.7	37.4	36.3	36.4
Miami-Hialeah	84.4	84.6	85.0	66.2	69.5	70.0	227.1	230.4	231.5
Orlando	47.1	45.8	45.9	32.5	34.2	34.4	143.8	145.9	147.2
Pensacola	11.2	11.1	11.1	6.1	6.0	6.0	32.3	31.9	32.2
Sarasota	7.4	7.1	7.1	3.7	3.8	3.8	32.4	33.5	33.0
Tallahassee	4.2	4.2	4.3	3.3	3.0	3.1	26.5	27.4	27.1
Tampa-St. Petersburg-Clearwater	84.5	83.3	83.4	39.9	39.7	40.0	230.2	231.6	231.5
West Palm Beach-Boca Raton-Delray Beach	31.8	30.1	30.2	14.1	14.6	14.6	95.3	98.9	98.1

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Alabama	73.8	74.0	74.2	345.4	356.2	355.6	341.3	345.0	346.6
Birmingham	30.2	30.5	30.4	112.9	116.4	116.5	70.3	71.4	71.5
Huntsville	4.1	4.1	4.1	36.0	36.7	36.6	33.8	32.8	33.0
Mobile	8.1	7.9	7.9	48.3	50.2	50.0	32.7	32.9	33.1
Montgomery	8.2	8.0	7.9	33.3	35.0	34.8	37.2	36.9	37.0
Tuscaloosa	2.1	2.2	2.2	10.8	10.8	10.6	21.7	22.9	22.8
Alaska	10.6	10.5	10.7	53.5	54.0	55.6	74.2	75.3	75.2
Anchorage	6.5	6.6	6.6	29.4	30.5	30.7	28.2	29.1	29.2
Arizona	93.8	95.4	95.2	423.7	437.3	435.5	286.4	297.9	293.5
Phoenix	74.4	75.4	75.4	286.7	295.4	293.3	146.9	152.2	153.3
Tucson	11.6	11.7	11.7	78.1	79.7	79.9	64.2	65.4	61.5
Arkansas	38.8	39.3	39.2	211.4	214.3	215.4	170.3	173.3	171.9
Fayetteville-Springdale	1.7	1.8	1.8	11.9	12.2	12.2	11.2	12.2	11.3
Fort Smith	2.6	2.6	2.6	20.8	20.5	20.2	9.3	9.2	9.1
Little Rock-North Little Rock	15.8	16.1	16.1	72.9	73.6	73.8	53.1	54.3	54.0
Pine Bluff	1.2	1.2	1.2	7.6	7.6	7.7	8.1	8.2	8.2
California	792.7	779.7	781.1	3,424.1	3,447.7	3,449.5	2,130.9	2,103.1	2,107.7
Anaheim-Santa Ana	94.7	93.1	93.2	317.6	322.0	323.1	131.4	129.5	129.9
Bakersfield	5.8	5.5	5.6	40.6	40.9	41.2	47.1	46.8	46.9
Fresno	13.3	12.6	12.7	55.4	55.7	56.2	54.7	55.4	55.3
Los Angeles-Long Beach	256.1	247.8	247.3	1,129.8	1,150.1	1,147.9	545.5	539.9	539.9
Modesto	5.0	5.0	5.0	26.5	26.1	26.6	22.5	22.3	22.4
Oakland	57.3	57.0	57.2	229.7	231.0	231.2	172.7	171.1	171.3
Oxnard-Ventura	12.2	12.2	12.3	61.2	61.2	61.4	45.6	43.8	44.0
Riverside-San Bernardino	31.3	30.6	30.6	185.3	185.8	185.0	159.1	156.2	155.9
Sacramento	42.5	42.6	43.0	148.7	152.8	151.2	188.2	187.2	187.9
Sainas-Seaside-Monterey	6.3	6.5	6.5	28.2	28.4	28.4	28.2	27.3	27.2
San Diego	60.9	60.9	60.9	282.9	285.1	286.1	183.1	181.3	181.8
San Francisco	101.6	102.5	102.6	301.7	304.5	305.3	135.5	132.7	133.2
San Jose	31.5	30.7	30.7	226.3	224.9	226.5	90.0	88.4	88.5
Santa Barbara-Santa Maria-Lompoc	7.7	7.6	7.6	42.4	42.4	42.4	30.3	29.9	30.1
Santa Rosa-Petaluma	9.5	9.4	9.4	37.0	37.3	37.5	26.2	25.9	26.0
Stockton	9.0	8.9	8.8	34.9	35.2	35.3	35.0	35.2	35.1
Vallejo-Fairfield-Napa	5.2	4.9	4.9	34.9	34.9	35.5	37.9	36.3	36.3
Colorado	99.1	102.0	101.7	433.7	455.9	450.4	296.8	301.6	302.8
Boulder-Longmont	4.5	4.7	4.8	36.2	37.5	37.7	25.2	25.2	25.4
Denver	67.1	67.9	68.0	246.2	250.8	252.1	138.3	141.3	141.7
Connecticut	142.9	138.4	139.3	422.0	423.2	422.3	211.0	211.2	213.4
Bridgeport-Milford	10.5	10.2	10.3	49.7	49.7	50.0	19.3	19.4	19.6
Hartford	71.2	68.6	69.1	107.6	108.0	107.5	64.2	62.6	63.7
New Britain	4.0	3.9	4.0	14.1	14.5	14.5	7.1	7.3	7.0
New Haven-Meriden	15.2	14.0	14.1	71.5	72.8	71.0	32.5	33.6	33.2
Stamford	13.7	13.3	13.3	37.8	37.5	38.1	10.6	10.6	10.7
Waterbury	4.1	4.5	4.5	23.7	24.5	24.5	12.4	12.4	12.5
Delaware	33.1	33.4	33.5	86.3	87.4	87.6	49.1	50.6	50.5
Wilmington	29.2	30.0	30.1	72.9	74.0	74.5	38.5	40.0	39.6
District of Columbia	33.9	32.7	32.8	256.8	257.5	256.7	284.4	288.5	289.5
Washington MSA	128.0	127.3	127.3	767.2	776.4	781.0	611.1	617.2	617.0
Florida	352.6	353.7	354.0	1,688.8	1,746.2	1,746.3	877.9	899.9	894.2
Daytona Beach	5.3	5.5	5.5	38.6	40.6	40.3	22.2	24.1	23.8
Fort Lauderdale-Hollywood-Pompano Beach	39.6	38.9	38.9	159.5	167.6	167.2	74.8	76.5	76.5
Fort Myers-Cape Coral	8.1	7.9	7.9	39.9	42.3	41.6	21.3	21.6	21.4
Gainesville	4.4	4.3	4.3	26.8	27.4	27.4	38.9	40.3	39.5
Jacksonville	44.2	44.7	44.6	116.2	118.8	119.8	62.6	61.8	61.8
Lakeland-Winter Haven	7.5	7.6	7.6	38.2	39.1	39.0	23.7	23.7	23.9
Melbourne-Titusville-Palm Bay	5.1	5.1	5.1	55.6	55.6	55.2	24.6	24.9	25.0
Miami-Hialeah	63.1	62.9	63.4	261.6	264.1	264.3	124.9	128.9	126.6
Orlando	34.2	35.0	35.1	217.7	225.2	225.3	70.4	71.8	72.0
Pensacola	5.1	5.3	5.3	39.6	41.5	41.5	30.9	31.2	30.9
Sarasota	7.8	7.7	7.6	42.5	44.5	44.1	13.7	13.7	13.8
Tallahassee	5.1	5.2	5.2	29.7	30.5	30.3	54.3	55.8	54.4
Tampa-St. Petersburg-Clearwater	62.7	62.4	62.5	287.7	301.3	301.3	119.8	120.7	120.8
West Palm Beach-Boca Raton-DeLray Beach	25.6	25.9	26.0	122.1	123.5	122.3	48.2	49.2	49.2

See footnotes at end of table.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Georgia	2,975.4	3,040.5	3,056.9	7.5	7.4	7.4	120.3	124.0	126.8
Albany	50.2	50.8	50.6	(²)	(²)	(²)	2.4	2.6	2.7
Athens	68.9	70.3	70.4	.1	.1	.1	2.1	2.0	2.2
Atlanta	1,492.1	1,551.1	1,562.2	1.0	1.0	1.0	60.4	67.8	70.5
Augusta	181.9	182.1	182.6	.5	.5	.5	11.3	12.4	12.4
Columbus	96.4	98.5	98.6	.1	.1	.1	3.7	3.4	3.5
Macon-Warner Robins	126.1	126.7	126.9	.1	.1	.1	4.3	3.7	3.6
Savannah	113.5	119.4	119.4	(²)	(²)	(²)	5.9	5.8	5.5
Hawaii	544.8	536.8	537.8	(¹)	(¹)	(¹)	31.0	31.3	31.1
Honolulu	419.3	414.0	414.7	(¹)	(¹)	(¹)	23.9	23.2	23.2
Idaho	415.4	422.9	428.0	2.7	2.4	2.5	22.1	22.9	24.2
Boise City	117.3	120.2	119.6	(¹)	(¹)	(¹)	7.4	7.1	6.6
Illinois	5,235.7	5,219.4	5,257.6	18.7	17.2	17.4	205.0	190.8	202.7
Aurora-Elgin	154.2	153.8	155.0	(¹)	(¹)	(¹)	8.2	7.6	7.9
Bloomington-Normal	68.9	72.2	69.5	(¹)	(¹)	(¹)	2.5	2.0	2.1
Champaign-Urbana-Rantoul	92.8	93.1	93.0	(¹)	(¹)	(¹)	3.1	2.8	3.0
Chicago	3,094.3	3,115.1	3,140.1	1.6	1.6	1.6	109.9	108.7	114.0
Davenport-Rock Island-Moline	166.5	164.8	166.3	(¹)	(¹)	(¹)	8.3	7.8	8.0
Decatur	55.2	55.1	55.5	(¹)	(¹)	(¹)	3.2	3.1	3.2
Joliet	116.7	116.3	117.5	(¹)	(¹)	(¹)	8.5	7.9	8.5
Kankakee	39.0	38.3	38.5	(¹)	(¹)	(¹)	1.7	1.6	1.7
Lake County	236.3	236.6	239.6	(¹)	(¹)	(¹)	11.2	11.0	11.4
Peoria	153.4	151.6	153.2	(¹)	(¹)	(¹)	7.5	6.8	7.3
Rockford	137.4	137.0	137.7	(¹)	(¹)	(¹)	5.0	4.8	5.2
Springfield	108.6	108.3	109.4	(¹)	(¹)	(¹)	4.9	4.5	4.9
Indiana	2,550.5	2,551.8	2,576.6	7.3	6.6	6.7	111.2	106.1	111.5
Anderson	49.7	48.1	48.2	(¹)	(¹)	(¹)	1.5	1.5	1.6
Bloomington	54.9	58.9	56.1	(¹)	(¹)	(¹)	2.8	3.0	3.2
Elkhart-Goshen	102.3	102.9	104.3	(¹)	(¹)	(¹)	3.0	2.8	3.0
Evansville	138.2	140.8	142.1	1.8	1.6	1.7	7.7	8.1	8.2
Fort Wayne	203.8	201.4	203.7	(¹)	(¹)	(¹)	9.4	8.8	9.6
Gary-Hammond	244.4	242.8	243.5	(¹)	(¹)	(¹)	14.9	13.9	13.6
Indianapolis	675.2	681.7	686.3	.8	.7	.7	32.9	32.1	32.9
Kokomo	47.8	47.3	48.0	(¹)	(¹)	(¹)	1.2	1.0	1.1
Lafayette-West Lafayette	69.0	72.8	70.4	(¹)	(¹)	(¹)	2.6	2.6	2.8
Muncie	56.9	55.7	56.7	(¹)	(¹)	(¹)	2.1	1.8	2.0
South Bend-Mishawaka	118.9	118.8	120.3	(¹)	(¹)	(¹)	6.1	5.6	6.2
Terre Haute	60.0	60.3	59.6	.4	.4	.4	3.2	2.7	2.9
Iowa	1,267.3	1,255.7	1,270.9	2.2	2.2	2.2	49.7	42.5	48.7
Cedar Rapids	96.3	95.5	96.6	(¹)	(¹)	(¹)	4.9	4.7	4.8
Des Moines	241.7	244.8	246.0	(¹)	(¹)	(¹)	9.6	9.4	9.7
Dubuque	47.4	47.2	47.9	(¹)	(¹)	(¹)	1.9	1.6	1.8
Iowa City	58.8	59.0	59.5	(¹)	(¹)	(¹)	1.8	1.7	1.9
Sioux City	58.4	58.5	59.0	(¹)	(¹)	(¹)	2.7	2.9	3.2
Waterloo-Cedar Falls	73.1	73.9	74.0	(¹)	(¹)	(¹)	3.0	2.7	2.8
Kansas	1,124.5	1,141.7	1,140.2	9.2	8.5	8.4	46.1	44.7	46.7
Lawrence	40.2	40.5	40.4	(¹)	(¹)	(¹)	1.7	1.4	1.4
Topeka	92.9	93.2	93.6	(¹)	(¹)	(¹)	3.8	3.3	3.7
Wichita	249.1	245.1	244.7	1.7	1.7	1.7	12.0	11.7	12.0
Kentucky	1,521.8	1,527.5	1,537.3	30.6	28.1	27.9	70.4	66.7	69.4
Lexington-Fayette	206.3	213.6	211.0	.2	.2	.2	10.7	11.1	11.4
Louisville	495.7	497.1	501.5	.6	.5	.6	22.7	22.4	23.3
Owensboro	38.2	38.2	38.1	.6	.4	.4	2.2	2.2	2.3
Louisiana	1,641.3	1,619.2	1,623.3	48.4	44.0	44.0	102.4	99.0	101.1
Alexandria	48.0	48.3	48.2	.1	.1	.1	3.0	3.1	3.1
Baton Rouge	250.0	251.4	250.4	.9	.9	.9	31.8	30.2	31.0
Houma-Thibodaux	58.0	57.2	57.9	4.6	4.4	4.4	3.2	3.2	3.3
Lafayette	100.7	100.7	100.7	10.6	10.6	10.5	5.3	5.0	5.0
Lake Charles	72.2	71.0	71.7	1.0	.9	.9	9.3	8.6	9.0
Monroe	61.1	60.7	60.6	.4	.4	.4	3.1	3.1	3.1
New Orleans	539.9	537.0	538.3	14.3	12.0	12.1	23.1	23.0	23.1
Shreveport	138.3	138.5	139.3	2.7	2.7	2.6	6.5	6.5	6.8

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Georgia	542.4	545.3	545.8	196.2	201.3	201.8	740.1	759.6	763.9
Albany	7.8	7.6	7.5	2.4	2.6	2.4	12.3	12.5	12.4
Athens	14.9	14.9	14.8	1.8	1.8	1.8	15.9	17.1	16.8
Atlanta	169.6	173.3	173.4	131.7	134.9	135.3	406.0	428.5	431.9
Augusta	42.3	41.4	41.8	5.1	5.0	5.0	39.4	38.5	38.8
Columbus	20.3	21.4	21.1	3.3	3.5	3.5	21.2	21.0	21.1
Macon-Warner Robins	17.9	18.5	18.5	4.8	4.9	4.8	29.4	29.4	29.7
Savannah	16.3	17.1	17.1	10.4	10.6	10.6	27.5	28.3	28.8
Hawaii	19.3	18.5	18.5	43.6	42.0	42.0	135.7	131.9	131.2
Honolulu	14.3	13.8	13.8	35.6	34.5	34.4	101.5	99.4	98.6
Idaho	64.7	65.8	67.4	20.1	20.2	20.3	105.7	107.3	108.5
Boise City	17.6	19.5	19.6	6.1	6.2	6.1	29.1	27.1	27.5
Illinois	929.2	921.3	921.9	300.5	301.0	302.2	1,226.8	1,219.9	1,236.0
Aurora-Elgin	38.4	38.6	38.5	3.5	3.6	3.6	37.6	37.4	37.9
Bloomington-Normal	7.0	7.2	7.2	2.9	3.0	2.9	16.2	16.1	16.0
Champaign-Urbana-Rantoul	10.2	10.7	10.7	2.3	2.3	2.4	19.7	19.7	19.8
Chicago	509.7	510.4	511.3	199.8	199.1	199.9	727.0	730.1	738.3
Davenport-Rock Island-Moline	27.2	26.2	26.3	7.6	7.5	7.6	48.5	48.8	49.2
Decatur	14.3	14.1	14.1	4.8	4.9	4.9	11.9	11.9	12.0
Joliet	21.0	21.1	21.1	9.1	9.2	9.2	26.7	26.7	26.9
Kankakee	6.3	6.4	6.4	1.5	1.6	1.5	9.5	9.3	9.4
Lake County	50.5	51.8	51.9	7.8	7.7	7.8	61.9	62.4	62.6
Peoria	32.7	31.8	31.8	7.8	7.6	7.6	35.5	35.5	35.9
Rockford	42.3	42.3	41.7	4.8	4.8	4.8	30.5	30.4	30.8
Springfield	4.0	4.1	4.1	5.1	4.9	5.0	24.0	23.7	24.1
Indiana	626.3	627.5	631.3	131.4	127.9	129.1	599.0	592.2	601.5
Anderson	15.4	13.2	13.0	1.1	1.1	1.2	11.4	11.2	11.4
Bloomington	8.9	8.9	8.9	1.7	1.7	1.7	12.6	13.6	13.4
Elkhart-Goshen	53.0	53.3	53.5	2.7	2.6	2.6	19.1	19.2	19.6
Evansville	31.5	32.0	32.6	6.7	6.6	6.7	35.0	35.2	35.7
Fort Wayne	50.8	51.3	51.8	13.7	13.4	13.5	49.4	48.0	47.9
Gary-Hammond	53.1	51.6	51.7	17.7	17.3	17.5	58.0	58.8	59.8
Indianapolis	107.7	108.4	108.6	41.4	40.2	40.5	173.5	174.8	178.2
Kokomo	19.0	18.0	18.1	1.4	1.3	1.3	10.2	10.4	10.6
Lafayette-West Lafayette	14.1	14.9	15.0	2.1	2.2	2.2	14.0	14.0	14.0
Muncie	11.0	10.6	10.6	4.3	3.7	3.9	12.3	12.2	12.4
South Bend-Mishawaka	20.2	20.7	20.8	5.5	5.3	5.4	29.8	29.5	30.1
Terre Haute	10.8	11.5	11.6	2.6	2.4	2.5	16.7	16.6	16.5
Iowa	229.7	230.7	231.6	55.0	53.4	54.0	321.2	316.9	321.1
Cedar Rapids	20.6	20.4	20.4	5.6	5.2	5.3	22.8	22.7	23.0
Des Moines	24.9	25.0	25.0	12.1	12.1	12.2	63.4	63.2	63.7
Dubuque	12.5	12.5	12.7	1.8	1.7	1.7	10.6	10.9	11.0
Iowa City	4.5	4.4	4.4	1.6	1.5	1.6	11.2	10.8	10.8
Sioux City	11.4	11.6	11.6	3.3	3.5	3.5	14.6	14.2	14.3
Waterloo-Cedar Falls	16.0	15.8	15.8	1.9	1.9	1.9	17.4	17.6	17.7
Kansas	182.0	179.3	179.1	65.4	65.5	66.0	273.5	277.5	278.7
Lawrence	4.7	4.8	4.8	1.0	1.0	1.0	9.5	9.4	9.4
Topeka	9.4	9.4	9.4	5.8	6.1	6.3	20.7	20.4	20.8
Wichita	60.9	57.8	57.7	11.6	11.5	11.5	56.5	55.8	55.2
Kentucky	286.9	290.0	290.5	81.8	82.4	82.5	357.0	355.4	360.4
Lexington-Fayette	32.7	33.8	33.9	8.8	8.9	9.0	46.4	47.8	47.7
Louisville	88.2	87.1	87.4	32.4	33.3	33.6	120.7	119.6	121.4
Owensboro	6.5	6.4	6.3	2.0	2.0	2.0	9.5	9.6	9.6
Louisiana	185.9	181.3	182.0	104.9	104.4	104.5	378.6	377.1	377.6
Alexandria	3.3	3.4	3.3	2.3	2.5	2.5	10.5	10.4	10.3
Baton Rouge	23.5	23.4	23.6	11.4	11.6	11.7	54.0	54.4	54.2
Houma-Thibodaux	5.0	4.2	4.3	5.7	5.5	5.8	14.7	14.7	14.9
Lafayette	9.6	9.5	9.4	5.9	6.0	6.0	26.8	26.1	26.0
Lake Charles	10.7	10.8	10.8	4.2	4.1	4.2	16.3	16.1	16.1
Monroe	8.1	8.0	7.9	2.8	2.9	2.9	15.1	15.1	15.1
New Orleans	45.2	42.6	42.9	40.3	39.7	40.1	136.2	136.4	136.6
Shreveport	17.0	15.4	15.3	8.0	7.9	7.7	32.6	33.9	34.1

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Georgia	161.9	163.1	163.1	669.4	696.6	702.8	537.6	543.2	545.3
Albany	2.0	2.0	2.0	11.3	11.6	11.6	12.0	11.9	12.0
Athens	2.2	2.1	2.1	11.3	11.1	11.2	20.6	21.2	21.4
Atlanta	105.2	105.1	105.2	394.6	414.0	418.1	223.6	226.5	226.8
Augusta	6.2	6.3	6.3	40.0	40.4	40.2	37.1	37.6	37.6
Columbus	6.6	7.1	7.1	21.6	21.9	22.0	19.6	20.1	20.2
Macon-Warner Robins	7.6	8.0	8.0	26.8	27.2	27.3	35.2	34.9	34.9
Savannah	4.4	4.2	4.1	30.9	34.0	33.9	18.1	19.4	19.4
Hawaii	37.6	37.2	37.4	162.7	159.9	160.4	114.9	116.0	117.2
Honolulu	31.0	30.7	30.9	118.6	117.8	118.2	94.4	94.6	95.6
Idaho	21.3	22.2	22.3	89.5	92.7	92.2	89.3	89.4	90.6
Boise City	8.7	9.0	9.1	27.1	30.3	29.8	21.3	21.0	20.9
Illinois	376.5	377.3	378.0	1,397.1	1,405.1	1,418.9	781.9	786.8	780.5
Aurora-Elgin	9.5	9.4	9.4	39.1	39.1	39.3	17.9	18.1	18.4
Bloomington-Normal	11.8	12.1	12.1	16.6	17.4	17.4	11.9	14.4	11.8
Champaign-Urbana-Rantoul	3.2	3.2	3.2	18.4	18.8	18.7	35.9	35.6	35.2
Chicago	263.2	263.8	265.3	899.2	916.5	923.7	383.9	384.9	386.0
Davenport-Rock Island-Moline	8.0	7.9	8.0	40.0	40.3	40.8	26.9	26.3	26.4
Decatur	2.3	2.4	2.4	12.7	12.6	12.7	6.0	6.1	6.2
Joliet	4.4	4.4	4.4	28.5	28.5	28.7	18.5	18.5	18.7
Kankakee	1.8	1.7	1.7	11.0	10.5	10.6	7.2	7.2	7.2
Lake County	15.1	15.2	15.2	57.7	56.8	59.0	32.1	31.7	31.7
Peoria	8.6	8.5	8.5	43.6	44.1	44.2	17.7	17.3	17.9
Rockford	6.2	6.2	6.2	35.1	35.2	35.6	13.5	13.3	13.4
Springfield	8.0	8.1	8.0	29.4	29.8	30.1	33.2	33.2	33.2
Indiana	127.6	129.5	130.9	555.3	564.5	570.6	392.4	397.6	395.0
Anderson	1.6	1.5	1.5	11.5	11.7	11.8	7.2	7.8	7.9
Bloomington	2.0	2.1	2.1	10.4	10.3	10.4	16.6	19.3	16.5
Elkhart-Goshen	2.6	2.5	2.6	15.5	15.6	16.0	6.3	6.9	7.1
Evansville	5.6	5.9	5.8	35.8	37.0	36.9	14.0	14.4	14.6
Fort Wayne	12.6	11.7	11.8	48.0	47.6	48.6	19.9	20.4	20.5
Gary-Hammond	8.8	9.0	9.1	56.8	56.8	56.5	35.1	35.5	35.4
Indianapolis	53.4	54.2	54.7	162.3	166.4	165.9	103.3	104.8	104.6
Kokomo	1.4	1.6	1.6	7.9	8.2	8.3	6.7	6.8	7.0
Lafayette-West Lafayette	3.2	3.1	3.1	13.8	13.5	13.8	19.3	22.5	19.6
Muncie	1.8	1.8	1.8	12.4	12.7	12.8	13.0	12.9	13.2
South Bend-Mishawaka	6.7	6.8	6.8	37.8	37.9	37.8	12.8	13.0	13.2
Terre Haute	2.2	2.3	2.3	13.6	13.7	13.5	10.5	10.7	9.9
Iowa	72.0	73.3	73.5	310.1	308.4	310.2	227.4	228.3	229.6
Cedar Rapids	5.0	5.1	5.1	26.2	25.7	25.9	11.2	11.7	12.1
Des Moines	32.9	34.0	34.2	65.8	68.0	68.0	33.0	33.1	33.2
Dubuque	1.6	1.7	1.8	15.4	14.8	14.9	3.6	4.0	4.0
Iowa City	1.6	1.6	1.6	10.8	11.0	10.9	27.3	28.0	28.3
Sioux City	2.6	2.6	2.6	16.9	16.7	16.8	6.9	7.0	7.0
Waterloo-Cedar Falls	3.8	4.0	4.0	17.2	18.1	18.1	13.8	13.8	13.7
Kansas	58.0	57.8	58.0	260.4	265.7	266.2	229.9	242.7	237.1
Lawrence	1.7	1.8	1.7	8.8	8.7	8.9	12.8	13.4	13.2
Topeka	6.3	6.2	6.2	24.1	23.8	23.9	22.8	24.0	23.3
Wichita	11.0	11.4	11.4	64.3	64.5	64.4	31.1	30.7	30.8
Kentucky	62.4	63.6	63.5	353.8	358.9	361.4	278.9	282.4	281.7
Lexington-Fayette	9.3	9.4	9.4	53.3	53.7	53.5	44.9	48.7	45.9
Louisville	27.7	28.2	28.3	135.8	138.0	138.9	67.6	68.0	68.0
Owensboro	1.4	1.4	1.4	9.8	9.7	9.5	6.2	6.5	6.6
Louisiana	77.1	77.0	77.2	396.6	398.8	399.3	347.4	337.6	337.6
Alexandria	2.1	2.1	2.1	13.5	13.6	13.7	13.2	13.1	13.1
Baton Rouge	13.9	14.2	14.2	58.2	59.3	59.3	56.3	57.4	55.5
Houma-Thibodaux	2.2	2.2	2.2	10.9	11.2	11.3	11.7	11.8	11.9
Lafayette	3.8	4.0	4.0	25.0	25.5	25.8	13.7	14.0	14.0
Lake Charles	2.6	2.7	2.7	16.3	15.3	15.2	11.8	12.5	12.6
Monroe	4.2	4.2	4.2	15.0	14.9	15.0	12.4	12.1	12.0
New Orleans	29.3	28.9	28.9	157.1	160.1	160.3	94.4	94.3	94.3
Shreveport	6.3	6.6	6.7	36.7	36.7	37.4	28.5	28.8	28.7

See footnotes at end of table.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Maine	510.5	503.4	511.8	0.1	0.1	0.1	21.6	20.1	22.2
Lewiston-Auburn	37.2	37.3	37.6	(²)	(²)	(²)	1.4	1.2	1.3
Portland	122.2	121.8	123.5	(²)	(²)	(²)	5.2	5.0	5.4
Maryland	2,095.3	2,065.2	2,087.2	1.2	1.1	1.1	120.7	109.1	113.5
Baltimore MSA	1,098.3	1,077.8	1,086.5	.2	.2	.2	56.5	51.4	53.2
Baltimore City	423.6	414.9	417.4	(¹)	(¹)	(¹)	12.7	11.4	11.5
Suburban Maryland-D.C.	757.8	752.5	760.2	(¹)	(¹)	(¹)	51.7	47.5	49.5
Massachusetts	2,797.6	2,754.3	2,773.9	1.2	1.1	1.2	72.0	68.3	72.7
Boston	1,561.7	1,540.1	1,545.7	.4	.3	.3	36.5	34.7	36.3
Brockton	63.4	63.0	63.2	(²)	(²)	(²)	1.7	1.6	1.7
Fall River	48.3	48.5	48.8	(²)	(²)	(²)	1.2	.9	1.1
Fitchburg-Leominster	37.0	36.5	36.7	(²)	(²)	(²)	1.0	.8	.9
Lawrence-Haverhill	150.2	149.4	150.1	(²)	(²)	(²)	4.3	4.5	4.7
Lowell	93.5	90.8	91.1	(¹)	(¹)	(¹)	3.4	3.3	3.5
New Bedford	59.6	59.0	59.5	(²)	(²)	(²)	1.9	1.6	1.7
Pittsfield	37.7	38.3	39.0	.1	.1	.1	1.3	1.2	1.5
Springfield	218.0	211.7	212.7	.2	.2	.2	5.6	4.8	5.0
Worcester	185.0	184.2	183.8	.2	.2	.2	5.2	5.0	5.4
Michigan	3,935.8	3,923.7	3,980.4	8.8	8.4	8.6	130.5	117.6	133.2
Ann Arbor	177.4	179.0	174.5	(¹)	(¹)	(¹)	3.7	3.5	3.8
Battle Creek	59.7	60.1	60.6	(¹)	(¹)	(¹)	1.9	1.8	2.0
Benton Harbor	67.0	66.6	67.5	(¹)	(¹)	(¹)	1.8	1.6	1.8
Detroit	1,879.8	1,887.0	1,910.1	.7	1.0	1.0	56.1	51.1	56.9
Flint	165.3	163.0	166.5	(¹)	(¹)	(¹)	4.5	4.7	5.1
Grand Rapids	363.2	367.5	372.3	(¹)	(¹)	(¹)	15.8	15.2	16.1
Jackson	53.5	53.2	54.3	(¹)	(¹)	(¹)	1.5	1.5	1.6
Kalamazoo	112.9	116.5	114.6	(¹)	(¹)	(¹)	4.0	4.0	4.2
Lansing-East Lansing	218.3	213.5	216.6	(¹)	(¹)	(¹)	6.3	5.6	6.0
Muskegon	57.4	55.8	57.1	(¹)	(¹)	(¹)	2.1	1.9	2.3
Saginaw-Bay City-Midland	165.9	161.4	164.4	(¹)	(¹)	(¹)	7.7	6.8	7.9
Minnesota	2,199.3	2,212.3	2,244.9	8.0	7.5	7.9	79.2	70.1	79.0
Duluth	101.6	99.6	100.6	5.3	5.0	5.3	3.6	3.3	3.5
Minneapolis-St. Paul	1,399.1	1,413.3	1,430.0	(²)	(²)	(²)	47.9	42.5	46.7
Rochester	67.9	67.8	68.6	(¹)	(¹)	(¹)	2.4	2.0	2.3
St. Cloud	86.1	88.0	89.5	(¹)	(¹)	(¹)	4.0	3.5	4.0
Mississippi	961.1	982.9	984.9	5.3	5.0	4.9	36.5	37.5	37.9
Jackson	189.7	190.4	192.0	.5	.5	.5	7.5	6.7	6.8
Missouri	2,334.1	2,342.4	2,354.4	4.8	4.3	4.4	89.7	90.4	94.1
Kansas City	784.8	790.6	796.1	(¹)	(¹)	(¹)	31.3	31.3	32.9
St. Louis	1,159.0	1,159.2	1,162.7	(¹)	(¹)	(¹)	50.2	46.9	48.6
Springfield	126.6	128.4	128.6	(¹)	(¹)	(¹)	4.8	5.0	5.0
Montana	319.0	320.6	324.9	5.9	5.6	5.4	13.3	12.9	14.0
Nebraska	754.3	749.0	755.7	1.6	1.5	1.6	28.2	28.3	30.2
Lincoln	126.9	126.0	126.2	(¹)	(¹)	(¹)	4.7	4.8	5.0
Omaha	334.5	334.1	337.3	(¹)	(¹)	(¹)	12.9	12.2	13.1
Nevada	642.1	657.1	662.2	13.0	12.6	12.5	38.6	44.9	46.3
Las Vegas	392.7	405.2	408.7	.3	.3	.3	26.5	31.8	32.9
Reno	145.2	146.1	147.3	.9	.9	.9	7.0	7.5	7.7
New Hampshire	487.0	484.5	488.5	.4	.4	.5	16.3	15.3	16.5
Manchester	75.6	75.1	75.5	(¹)	(¹)	(¹)	2.7	2.7	2.8
Nashua	83.7	84.6	85.3	(¹)	(¹)	(¹)	2.1	2.0	2.2
Portsmouth-Dover-Rochester	105.6	105.3	107.6	(¹)	(¹)	(¹)	2.7	2.4	2.7
New Jersey	3,454.6	3,389.8	3,412.8	1.9	1.8	1.9	108.8	95.6	99.5
Atlantic City	166.7	161.6	169.2	(¹)	(¹)	(¹)	5.6	5.4	5.6
Bergen-Passaic	600.9	587.4	589.8	(¹)	(¹)	(¹)	19.4	15.7	16.5
Camden	424.2	419.1	423.0	(¹)	(¹)	(¹)	17.1	15.5	16.2
Jersey City	227.2	221.0	221.6	(¹)	(¹)	(¹)	3.9	3.4	3.5
Middlesex-Somerset-Hunterdon	531.9	525.1	526.5	.6	.5	.6	15.8	13.0	13.1
Monmouth-Ocean	321.6	314.1	319.5	(¹)	(¹)	(¹)	12.9	11.0	11.6
Newark	874.0	866.5	870.4	.6	.5	.5	26.5	25.0	26.6
Trenton	194.8	190.0	190.4	(¹)	(¹)	(¹)	3.7	3.2	3.4
Vineland-Millville-Bridgeton	57.2	55.9	56.1	.3	.3	.3	1.8	1.5	1.5

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Maine	91.3	90.0	90.7	21.2	20.8	20.7	124.9	123.5	127.4
Lewiston-Auburn	8.0	8.2	8.2	1.3	1.3	1.3	9.5	9.6	9.6
Portland	14.0	12.7	12.9	5.7	5.7	5.8	35.4	37.1	37.7
Maryland	182.5	179.3	179.4	99.4	97.2	97.5	508.0	493.7	502.9
Baltimore MSA	112.6	108.5	108.3	54.3	53.5	53.8	256.0	248.3	252.4
Baltimore City	38.8	38.2	38.6	21.8	21.3	21.6	75.4	70.4	72.1
Suburban Maryland-D.C.	32.9	33.3	33.7	30.9	30.4	30.6	188.2	184.4	187.7
Massachusetts	464.9	446.8	445.6	121.0	117.6	118.6	641.4	633.3	641.7
Boston	210.0	200.4	200.0	72.0	69.3	69.5	331.0	330.6	332.8
Brockton	8.3	8.1	8.0	4.1	4.3	4.3	20.4	19.6	19.6
Fall River	13.1	13.4	13.5	1.8	1.8	1.8	12.1	11.6	11.6
Fitchburg-Leominster	10.5	10.2	10.4	1.4	1.4	1.4	9.4	9.6	9.5
Lawrence-Haverhill	41.8	40.7	40.4	5.7	5.5	5.5	36.1	35.8	36.4
Lowell	28.6	26.8	26.4	4.6	4.4	4.4	20.1	19.4	19.6
New Bedford	14.8	14.8	14.9	2.4	2.2	2.2	15.2	14.3	14.5
Pittsfield	7.6	7.5	7.5	1.2	1.2	1.2	8.9	8.8	8.9
Springfield	42.4	40.7	40.6	8.2	7.4	7.5	49.5	47.4	47.9
Worcester	36.3	35.0	35.0	8.8	8.5	8.6	42.5	42.6	42.7
Michigan	902.3	893.5	899.5	153.9	153.2	156.2	927.1	918.4	938.7
Ann Arbor	37.7	35.9	36.1	4.1	4.1	3.8	31.0	30.4	30.8
Battle Creek	16.3	16.6	16.9	1.8	1.9	1.9	13.0	12.7	13.0
Benton Harbor	20.1	19.7	19.8	2.8	2.9	2.9	14.1	14.1	14.4
Detroit	419.2	425.1	428.6	86.1	87.1	87.8	446.7	447.3	453.1
Flint	46.6	45.1	45.8	4.6	4.6	4.6	40.3	38.7	39.8
Grand Rapids	99.5	100.1	101.1	13.1	13.3	13.3	94.9	94.9	96.5
Jackson	11.8	12.0	12.1	3.5	3.5	3.6	13.2	12.9	13.1
Kalamazoo	28.2	27.6	27.6	3.2	3.0	3.0	25.6	25.7	25.7
Lansing-East Lansing	30.4	27.8	27.9	6.4	6.5	6.6	47.2	46.8	47.1
Muskegon	15.1	14.7	14.6	2.2	2.2	2.2	13.8	13.2	13.5
Saginaw-Bay City-Midland	43.0	40.8	41.2	6.5	6.3	6.4	40.6	39.8	40.3
Minnesota	392.7	392.9	394.0	111.2	107.8	108.6	527.9	526.5	535.9
Duluth	8.4	8.3	8.4	5.9	5.6	5.6	26.1	25.0	25.2
Minneapolis-St. Paul	257.5	256.6	257.2	78.5	75.9	76.2	329.3	331.8	335.7
Rochester	11.4	11.9	11.9	2.1	2.1	2.2	13.8	13.3	13.4
St. Cloud	15.2	15.5	15.5	4.2	4.1	4.1	25.2	25.9	26.4
Mississippi	251.9	252.0	251.6	44.7	45.1	45.2	200.8	201.4	201.9
Jackson	22.3	21.2	21.3	12.6	12.6	12.9	44.7	45.3	46.1
Missouri	412.1	406.4	407.4	152.1	152.0	152.9	555.6	549.9	555.2
Kansas City	104.1	102.9	102.9	64.8	64.3	64.8	195.6	197.2	198.2
St. Louis	201.6	196.1	196.5	77.4	76.8	77.3	275.6	274.0	276.4
Springfield	20.2	20.1	20.1	7.3	7.7	7.7	36.3	36.0	36.4
Montana	22.2	22.1	22.4	20.4	19.9	20.2	85.2	85.9	87.6
Nebraska	100.3	101.2	101.7	47.5	47.3	47.4	188.7	187.2	189.4
Lincoln	14.7	14.9	14.9	7.4	7.3	7.1	26.7	26.7	26.9
Omaha	34.8	34.2	34.7	24.0	23.6	23.7	84.3	83.9	84.7
Nevada	25.9	26.9	26.9	32.8	33.4	33.3	129.5	131.4	132.2
Las Vegas	10.8	11.3	11.4	20.1	20.3	20.2	80.6	81.4	81.7
Reno	8.9	9.3	9.4	9.5	9.6	9.7	33.3	33.3	33.5
New Hampshire	97.7	97.1	96.9	17.2	17.1	17.1	122.9	121.4	123.4
Manchester	9.9	9.9	9.8	4.2	4.4	4.4	19.0	18.6	18.9
Nashua	28.5	28.6	28.6	2.7	3.2	3.1	20.4	19.7	20.0
Portsmouth-Dover-Rochester	19.8	18.9	19.0	3.0	2.8	2.9	26.3	27.1	28.5
New Jersey	530.9	507.3	508.4	229.4	228.7	229.5	808.2	780.6	790.3
Atlantic City	7.0	6.9	7.0	7.0	7.0	7.1	35.4	32.3	36.3
Bergen-Passaic	118.1	112.4	112.7	28.1	27.6	27.2	167.4	161.9	162.7
Camden	58.1	57.6	58.2	19.2	18.1	18.5	111.7	109.1	109.8
Jersey City	32.7	30.9	31.3	27.7	26.9	26.7	58.0	55.2	55.7
Middlesex-Somerset-Hunterdon	98.2	92.8	93.1	43.1	44.0	43.2	126.8	122.6	123.0
Monmouth-Ocean	21.4	20.3	20.1	15.0	15.4	15.4	85.6	83.3	85.4
Newark	141.1	138.6	139.0	75.0	74.7	75.3	171.8	167.4	168.9
Trenton	25.1	24.1	24.3	7.3	7.0	7.0	29.5	27.5	27.5
Vineland-Millville-Bridgeton	14.5	13.9	13.8	2.2	2.2	2.3	10.6	10.4	10.6

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Maine	24.4	23.7	24.3	128.3	127.6	129.4	98.7	97.6	97.0
Lewiston-Auburn	1.9	2.0	2.0	10.8	10.7	10.8	4.3	4.3	4.4
Portland	12.0	11.5	11.6	33.7	33.3	33.5	16.2	16.5	16.6
Maryland	128.5	128.1	128.1	634.3	634.1	640.0	420.7	422.6	424.7
Baltimore MSA	74.3	73.4	73.5	335.0	332.7	334.8	209.4	209.8	210.3
Baltimore City	39.3	38.5	38.4	144.9	145.3	145.1	90.7	89.8	90.1
Suburban Maryland-D.C.	45.9	46.1	45.6	239.7	241.3	243.0	168.5	169.5	170.1
Massachusetts	196.8	192.7	192.9	911.6	913.9	919.2	388.7	380.6	382.0
Boston	135.3	133.9	133.5	584.7	586.1	587.8	191.8	184.8	185.5
Brockton	2.6	2.6	2.6	15.2	15.6	15.7	11.1	11.2	11.3
Fall River	3.0	3.1	3.1	10.4	11.2	11.3	6.7	6.5	6.4
Fitchburg-Leominster	1.4	1.4	1.4	8.9	8.8	8.8	4.4	4.3	4.3
Lawrence-Haverhill	5.1	5.2	5.3	37.2	37.3	37.9	20.0	20.4	19.9
Lowell	2.6	2.6	2.6	21.1	21.6	21.8	13.1	12.7	12.8
New Bedford	2.1	2.1	2.1	13.7	14.3	14.4	9.5	9.7	9.7
Pittsfield	1.7	1.7	1.7	12.1	12.7	13.0	4.8	5.1	5.1
Springfield	14.5	13.9	13.9	61.3	62.3	62.4	36.3	35.0	35.2
Worcester	13.8	13.9	13.9	49.2	51.3	50.1	29.0	27.7	27.9
Michigan	189.2	186.8	188.2	974.0	990.1	1,002.7	650.3	655.6	653.3
Ann Arbor	5.0	4.8	5.1	39.7	39.6	40.3	56.2	60.6	54.8
Battle Creek	3.1	3.1	3.1	12.1	12.7	12.2	11.5	11.4	11.5
Benton Harbor	2.6	2.6	2.6	16.3	16.3	16.5	9.3	9.5	9.5
Detroit	107.7	105.1	105.6	522.2	530.1	535.8	241.2	240.2	241.3
Flint	5.8	5.8	5.9	38.6	39.7	40.7	25.0	24.3	24.5
Grand Rapids	16.6	16.8	17.0	86.3	89.4	90.2	37.1	37.8	38.1
Jackson	1.8	1.6	1.6	11.4	11.5	11.8	10.3	10.2	10.4
Kalamazoo	6.2	6.5	6.5	29.3	30.2	30.3	16.5	19.5	17.1
Lansing-East Lansing	12.4	12.6	12.8	44.4	46.5	47.2	71.1	67.6	69.1
Muskegon	1.8	1.8	1.8	12.6	12.6	13.0	9.9	9.4	9.7
Saginaw-Bay City-Midland	6.1	6.0	6.0	39.7	39.7	40.5	22.4	21.9	21.9
Minnesota	128.9	132.7	133.5	592.8	615.3	622.7	358.6	359.5	363.3
Duluth	3.5	3.5	3.6	27.0	27.1	27.2	21.8	21.8	21.8
Minneapolis-St. Paul	100.8	103.8	104.5	387.4	404.5	409.0	197.3	197.9	200.3
Rochester	1.8	1.8	1.8	29.3	29.5	29.7	7.1	7.2	7.3
St. Cloud	2.6	2.8	2.8	20.3	21.0	21.4	14.6	15.2	15.3
Mississippi	38.4	38.4	38.8	173.4	186.4	187.4	210.1	217.1	217.2
Jackson	14.3	14.3	14.5	46.9	47.7	48.1	40.9	42.1	41.8
Missouri	136.3	137.5	138.0	603.1	614.0	615.5	380.4	387.9	386.9
Kansas City	59.5	60.8	61.1	203.4	206.0	207.4	126.1	128.1	128.8
St. Louis	72.2	73.0	73.0	333.1	341.1	340.8	148.9	151.3	150.1
Springfield	5.5	5.7	5.6	36.2	37.0	36.7	16.3	16.9	16.9
Montana	14.3	14.5	14.6	81.0	83.7	84.2	76.7	76.0	76.5
Nebraska	49.1	48.6	48.7	185.0	185.7	186.9	153.9	149.2	149.8
Lincoln	8.7	8.5	8.5	30.0	29.6	29.7	34.7	34.2	34.1
Omaha	28.7	26.4	26.5	100.6	103.1	103.9	49.2	48.7	48.7
Nevada	28.9	30.6	30.8	286.0	286.9	288.8	87.4	90.4	91.4
Las Vegas	19.3	20.8	20.9	189.3	192.2	193.4	45.8	47.1	47.9
Reno	7.0	7.1	7.2	58.5	57.7	58.2	20.1	20.7	20.7
New Hampshire	29.4	28.9	29.0	128.0	129.4	131.0	75.1	74.9	74.1
Manchester	8.0	7.9	7.8	22.8	22.8	23.0	9.0	8.8	8.8
Nashua	3.1	3.2	3.3	18.9	20.2	20.5	8.0	7.7	7.6
Portsmouth-Dover-Rochester	6.6	6.8	6.8	22.3	22.7	23.8	24.9	24.6	23.9
New Jersey	225.9	224.7	225.5	978.8	975.7	983.1	570.7	575.4	574.6
Atlantic City	6.1	5.8	5.9	77.6	75.7	78.4	28.0	28.5	28.9
Bergen-Passaic	33.5	33.0	33.2	163.8	164.0	166.1	70.6	72.8	71.4
Camden	22.8	22.3	22.4	117.5	118.3	119.4	77.8	78.2	78.5
Jersey City	18.5	19.4	19.5	46.3	44.7	44.5	40.1	40.5	40.4
Middlesex-Somerset-Hunterdon	41.9	42.4	43.1	128.2	130.7	131.2	77.3	79.1	79.2
Monmouth-Ocean	18.4	18.4	18.4	103.1	101.3	103.2	65.2	64.4	65.4
Newark	68.4	67.3	67.4	256.1	254.9	256.3	134.5	138.1	136.4
Trenton	10.7	10.6	10.7	62.6	62.0	61.9	55.9	55.6	55.6
Vineland-Milville-Bridgeton	4.0	3.6	3.6	11.0	11.0	11.1	12.8	13.0	12.9

See footnotes at end of table.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
New Mexico	601.4	606.6	612.7	14.7	14.5	14.6	30.1	31.6	33.1
Albuquerque	254.3	255.2	257.1	(¹)	(¹)	(¹)	12.6	12.2	13.2
Las Cruces	44.8	44.7	44.7	(¹)	(¹)	(¹)	2.5	2.7	2.7
Santa Fe	63.3	64.7	64.9	(¹)	(¹)	(¹)	2.7	2.8	3.0
New York	7,776.3	7,670.5	7,736.4	5.0	4.8	5.1	247.1	224.9	240.0
Albany-Schenectady-Troy	423.9	422.9	427.4	.4	.4	.5	15.5	13.2	14.7
Binghamton	115.3	112.4	113.4	(¹)	(¹)	(¹)	4.5	4.0	4.5
Buffalo	450.7	442.3	448.3	(¹)	(¹)	(¹)	16.7	13.6	15.5
Elmira	39.9	39.2	39.7	(¹)	(¹)	(¹)	1.3	1.0	1.2
Glens Falls	47.5	45.5	47.2	(¹)	(¹)	(¹)	2.0	1.6	1.8
Nassau-Suffolk	1,056.6	1,039.7	1,049.0	(¹)	(¹)	(¹)	39.7	37.6	38.8
New York PMSA	3,793.5	3,739.6	3,750.7	(¹)	(¹)	(¹)	107.9	98.3	101.3
New York City	3,297.7	3,257.3	3,264.0	.4	.4	.4	87.0	79.5	81.6
Niagara Falls	82.1	79.6	81.5	(¹)	(¹)	(¹)	3.3	2.7	3.1
Orange County	107.6	105.8	106.6	(¹)	(¹)	(¹)	3.5	3.3	3.5
Poughkeepsie	109.8	104.5	103.5	(¹)	(¹)	(¹)	4.7	4.2	4.4
Rochester	488.5	482.0	486.7	.7	.6	.6	15.5	14.5	15.9
Rockland County	96.9	94.9	95.7	(¹)	(¹)	(¹)	3.1	3.2	3.3
Syracuse	305.9	303.5	304.1	(¹)	(¹)	(¹)	13.3	12.1	13.7
Utica-Rome	124.4	122.7	123.9	(¹)	(¹)	(¹)	3.5	2.6	3.3
Westchester County	386.6	369.2	372.6	(¹)	(¹)	(¹)	16.2	14.3	15.1
North Carolina	3,138.6	3,190.3	3,213.6	3.5	3.5	3.5	144.8	145.8	148.8
Asheville	89.7	91.6	92.9	(¹)	(¹)	(¹)	4.1	4.0	4.2
Charlotte-Gastonia-Rock Hill	623.4	632.7	635.2	(¹)	(¹)	(¹)	31.3	31.4	32.1
Greensboro-Winston-Salem-High Point	497.5	509.2	511.1	(¹)	(¹)	(¹)	21.1	21.8	22.2
Raleigh-Durham	449.7	467.2	467.7	(¹)	(¹)	(¹)	19.7	19.5	19.9
North Dakota	278.8	279.9	284.0	4.0	3.6	3.7	11.6	9.9	12.0
Bismarck	42.9	43.2	43.5	(¹)	(¹)	(¹)	2.3	2.1	2.4
Fargo-Moorhead	83.0	83.9	84.8	(¹)	(¹)	(¹)	4.3	3.8	4.4
Grand Forks	32.5	33.6	34.3	(¹)	(¹)	(¹)	1.4	1.3	1.6
Ohio	4,869.1	4,845.4	4,895.8	14.7	13.5	13.6	180.0	174.6	184.4
Akron	287.8	291.6	295.2	.5	.5	.5	10.0	9.8	10.2
Canton	167.3	166.8	168.5	.7	.7	.7	6.7	6.8	7.1
Cincinnati	745.4	751.5	757.0	.4	.4	.4	34.6	34.5	35.8
Cleveland	920.9	914.8	922.1	.7	.7	.7	30.8	29.5	31.3
Columbus	728.7	731.1	735.0	.7	.6	.7	27.4	26.7	27.8
Dayton-Springfield	443.8	441.4	445.8	.5	.5	.6	14.1	14.1	14.7
Toledo	285.5	286.7	289.6	.2	.2	.2	10.7	10.0	10.7
Youngstown-Warren	196.4	194.4	196.9	.4	.4	.4	6.9	6.7	7.3
Oklahoma	1,221.6	1,224.4	1,226.2	37.5	35.8	35.2	38.3	39.1	39.9
Enid	22.1	22.8	22.3	.9	.9	.9	.7	.7	.7
Lawton	37.1	37.2	37.0	.1	.1	.1	1.0	1.1	1.0
Oklahoma City	437.7	441.1	441.3	8.9	8.6	8.4	13.3	13.7	14.0
Tulsa	326.2	325.2	325.9	10.2	9.7	9.7	11.6	11.6	12.1
Oregon	1,275.6	1,282.2	1,291.2	1.5	1.4	1.5	49.3	48.0	50.0
Eugene-Springfield	117.7	117.8	119.1	.2	.2	.2	4.2	4.2	4.4
Medford	56.4	56.4	57.5	.1	.1	.1	2.0	2.0	2.1
Portland	651.6	655.2	656.6	.6	.5	.5	26.3	25.4	25.8
Salem	111.0	112.3	112.7	.1	.1	.1	4.8	4.9	5.0
Pennsylvania	5,105.5	5,089.5	5,121.8	23.8	21.4	21.6	199.8	184.5	196.7
Allentown-Bethlehem	284.7	282.6	285.7	.5	.5	.4	10.1	10.0	10.7
Altoona	54.1	54.7	55.6	(¹)	(¹)	(¹)	2.3	2.4	2.5
Beaver County	51.6	51.2	51.5	(¹)	(¹)	(¹)	2.5	2.2	2.2
Erie	121.5	124.8	124.8	(¹)	(¹)	(¹)	4.4	4.6	5.1
Harrisburg-Lebanon-Carlisle	317.4	314.2	318.2	(¹)	(¹)	(¹)	13.0	12.5	13.1
Johnstown	82.7	82.7	84.4	(¹)	(¹)	(¹)	5.9	5.2	5.5
Lancaster	194.2	194.7	196.4	.4	.4	.4	10.6	10.3	10.8
Philadelphia PMSA	2,108.2	2,084.3	2,090.8	(¹)	(¹)	(¹)	74.3	68.4	71.2
Philadelphia City	698.4	686.3	682.7	(¹)	(¹)	(¹)	11.4	10.3	11.6
Pittsburgh	922.4	916.7	920.8	4.2	3.6	3.7	43.9	40.1	42.1

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
New Mexico	40.1	39.7	39.8	28.8	28.5	28.0	142.5	142.9	145.2
Albuquerque	20.0	19.4	19.2	12.3	12.1	11.9	61.8	60.7	61.2
Las Cruces	2.6	2.5	2.4	1.5	1.6	1.5	9.6	9.6	9.6
Santa Fe	1.8	1.9	1.9	1.1	1.1	1.0	12.9	13.3	13.4
New York	1,020.6	981.2	981.8	401.9	390.6	394.8	1,573.3	1,530.9	1,558.3
Albany-Schenectady-Troy	44.9	45.3	45.6	16.4	16.1	16.3	86.0	84.6	86.3
Binghamton	30.4	28.7	28.5	4.4	4.4	4.4	24.2	24.0	24.3
Buffalo	71.1	68.7	68.9	21.5	20.9	21.2	112.9	110.0	112.1
Elmira	8.4	8.5	8.5	1.3	1.3	1.4	9.7	9.4	9.7
Glens Falls	9.5	9.3	9.4	1.5	1.4	1.5	10.5	10.1	10.6
Nassau-Suffolk	126.7	121.3	121.1	48.0	45.8	46.9	272.1	263.0	267.9
New York PMSA	361.8	348.9	350.4	231.6	225.8	226.8	657.0	641.3	646.4
New York City	294.8	286.7	288.3	205.5	200.5	201.4	549.4	537.9	541.5
Niagara Falls	20.7	20.2	20.1	4.6	4.4	4.7	19.8	19.2	19.9
Orange County	13.0	12.5	12.5	6.4	6.4	6.5	27.5	27.0	27.5
Poughkeepsie	24.1	20.5	19.1	3.9	3.7	3.7	20.2	19.6	19.8
Rochester	128.1	124.0	124.3	15.8	15.5	15.6	101.6	100.7	102.4
Rockland County	14.2	13.5	13.3	5.6	5.5	5.5	20.9	20.3	20.7
Syracuse	48.0	46.6	46.2	18.9	18.4	18.4	72.0	69.5	70.9
Utica-Rome	21.2	20.6	20.8	4.2	4.2	4.3	25.9	25.6	26.0
Westchester County	50.7	46.6	46.6	19.8	19.1	19.1	82.7	79.0	80.1
North Carolina	830.3	835.9	840.8	152.8	154.5	155.2	713.2	717.9	726.7
Asheville	19.9	20.3	20.6	4.5	4.6	4.6	21.2	21.5	21.7
Charlotte-Gastonia-Rock Hill	144.0	144.7	145.1	50.4	50.3	50.9	151.3	152.6	152.7
Greensboro-Winston-Salem-High Point	142.7	144.1	145.0	26.7	27.2	27.4	111.9	112.4	112.8
Raleigh-Durham	64.8	66.2	66.8	22.4	22.2	21.8	91.5	93.0	94.0
North Dakota	17.8	18.9	18.9	17.4	17.4	17.4	74.3	73.3	74.6
Bismarck	2.3	2.2	2.3	3.0	3.1	3.1	10.9	10.7	11.0
Fargo-Moorhead	5.6	5.7	5.7	4.7	4.8	4.8	24.3	24.7	25.1
Grand Forks	1.7	1.8	1.8	1.8	1.8	1.8	9.6	9.4	9.5
Ohio	1,052.3	1,038.5	1,042.6	211.7	207.7	209.3	1,160.2	1,151.8	1,164.2
Akron	61.6	63.3	63.7	13.2	13.3	13.3	68.8	69.0	69.5
Canton	43.3	42.6	42.6	5.5	5.4	5.6	41.5	41.2	41.9
Cincinnati	142.2	139.2	139.6	40.1	39.7	39.9	189.1	190.3	191.9
Cleveland	187.7	183.3	182.9	39.1	37.6	37.8	218.0	215.4	218.0
Columbus	101.0	99.9	100.2	31.1	30.5	30.7	183.8	184.0	185.3
Dayton-Springfield	96.2	92.9	93.3	17.5	17.8	17.8	101.6	100.7	101.8
Toledo	54.5	54.0	54.3	14.0	14.1	14.4	69.3	69.3	70.1
Youngstown-Warren	44.8	44.4	44.8	7.1	6.9	6.9	53.1	51.7	52.2
Oklahoma	164.8	163.7	163.7	70.1	69.7	69.7	286.7	287.1	288.4
Enid	1.4	1.6	1.5	2.1	2.2	2.1	6.3	6.1	6.1
Lawton	3.4	3.4	3.4	1.9	2.0	2.0	8.5	8.4	8.5
Oklahoma City	47.1	48.0	48.0	20.9	21.6	21.6	105.6	106.7	106.5
Tulsa	53.6	53.3	53.0	26.2	25.9	25.9	76.7	76.3	76.7
Oregon	205.9	202.3	203.1	65.4	64.9	64.8	318.4	318.9	321.6
Eugene-Springfield	17.8	17.6	18.1	4.5	4.4	4.3	29.9	29.8	30.0
Medford	8.8	8.3	8.3	2.8	2.8	2.9	16.1	16.1	16.5
Portland	101.9	101.0	100.5	38.6	38.4	38.5	166.6	166.6	167.3
Salem	13.9	13.4	13.7	3.2	3.5	3.5	24.7	24.8	24.9
Pennsylvania	951.4	930.5	928.8	264.1	265.9	266.9	1,157.1	1,155.4	1,166.9
Allentown-Bethlehem	70.6	68.9	68.9	14.1	14.2	14.2	61.4	60.2	61.2
Altoona	9.6	9.7	9.8	4.8	4.9	5.0	14.2	14.1	14.3
Beaver County	9.4	9.3	9.3	4.8	4.8	4.6	11.5	11.1	11.2
Erie	34.5	35.1	35.0	4.1	4.1	4.1	26.6	26.2	26.6
Harrisburg-Lebanon-Carlisle	46.9	46.3	46.6	19.7	19.9	19.8	70.3	69.6	70.5
Johnstown	13.4	12.3	12.3	5.3	5.4	5.5	18.5	19.7	20.3
Lancaster	55.4	54.9	55.2	7.7	7.7	7.8	49.4	48.3	48.8
Philadelphia PMSA	312.8	306.8	307.0	98.6	98.7	99.4	470.0	459.0	462.5
Philadelphia City	68.3	66.2	66.0	37.3	38.7	38.5	120.7	115.3	115.4
Pittsburgh	111.5	108.9	109.0	55.9	56.0	56.0	224.0	223.0	223.7

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
New Mexico	26.6	26.5	26.7	159.9	161.7	163.1	158.7	161.2	162.2
Albuquerque	14.2	14.6	14.8	81.9	83.3	84.1	51.5	52.9	52.7
Las Cruces	1.7	1.7	1.7	8.5	8.3	8.3	18.4	18.3	18.5
Santa Fe	2.6	2.7	2.8	18.0	18.0	18.0	24.2	24.9	24.8
New York	737.2	727.2	729.8	2,344.1	2,370.1	2,383.8	1,447.1	1,440.9	1,442.8
Albany-Schenectady-Troy	26.5	26.9	27.1	121.4	123.4	123.7	112.8	113.0	113.3
Binghamton	4.1	4.1	4.1	26.2	26.0	26.2	21.5	21.2	21.4
Buffalo	26.8	26.7	26.7	126.4	127.4	128.4	75.4	75.0	75.5
Elmira	1.4	1.4	1.4	10.7	10.7	10.6	7.1	7.0	7.0
Glens Falls	1.7	1.7	1.7	12.7	11.7	12.4	9.7	9.6	9.7
Nassau-Suffolk	80.8	79.1	79.2	311.4	313.2	316.2	178.0	179.8	179.1
New York PMSA	512.4	504.7	505.5	1,252.3	1,255.6	1,255.8	670.7	665.0	664.5
New York City	477.6	469.8	470.7	1,095.5	1,100.2	1,098.7	587.4	582.3	581.4
Niagara Falls	2.1	2.1	2.1	18.3	18.0	18.4	13.3	12.9	13.2
Orange County	5.8	5.9	5.9	26.0	25.8	26.0	25.4	24.8	24.7
Poughkeepsie	4.5	4.4	4.5	29.3	29.3	29.1	23.2	22.8	22.9
Rochester	22.8	22.0	22.3	132.8	133.0	134.0	71.3	71.6	71.6
Rockland County	5.0	4.8	4.8	27.7	27.2	27.5	20.5	20.4	20.6
Syracuse	19.5	18.2	18.3	80.6	85.5	83.5	53.7	53.2	53.2
Utica-Rome	8.2	8.3	8.4	30.1	30.1	30.1	31.2	31.1	31.0
Westchester County	28.9	29.1	29.0	123.7	122.8	124.1	58.7	58.3	58.5
North Carolina	134.1	138.5	138.8	637.4	669.2	675.0	522.5	525.0	524.8
Asheville	2.7	2.7	2.7	23.6	24.6	24.9	13.7	13.9	14.2
Charlotte-Gastonia-Rock Hill	38.9	39.1	39.2	132.1	138.1	138.4	75.4	76.5	76.8
Greensboro-Winston-Salem-High Point	25.2	26.6	26.3	111.6	117.0	117.9	58.3	60.1	59.5
Raleigh-Durham	23.2	23.6	23.7	128.0	136.7	136.5	100.1	106.0	105.0
North Dakota	12.9	13.3	13.4	73.4	74.7	74.9	67.4	68.8	69.1
Bismarck	1.8	1.9	1.9	13.2	13.4	13.1	9.4	9.8	9.7
Fargo-Moorhead	5.0	5.1	5.1	23.2	23.9	23.9	15.9	15.9	15.8
Grand Forks	1.2	1.2	1.2	7.7	8.0	8.2	9.1	10.1	10.2
Ohio	256.3	256.1	257.5	1,237.9	1,256.0	1,268.2	756.1	747.3	755.9
Akron	11.5	11.7	11.7	74.7	77.5	79.3	47.6	46.6	47.0
Canton	6.7	6.7	6.8	43.0	43.7	43.9	19.7	19.7	19.8
Cincinnati	43.7	43.2	43.1	198.5	206.4	208.6	96.9	97.9	97.7
Cleveland	60.1	59.9	60.4	260.8	266.3	268.6	123.8	122.0	122.6
Columbus	59.3	59.4	59.5	189.2	192.6	192.8	136.2	137.5	138.1
Dayton-Springfield	17.4	17.3	17.3	118.5	124.6	124.1	78.1	73.4	76.1
Toledo	11.3	11.3	11.2	78.7	81.3	82.0	46.9	46.5	46.7
Youngstown-Warren	9.2	9.2	9.2	49.9	50.3	50.9	25.0	24.9	25.3
Oklahoma	60.4	60.5	60.3	289.1	295.2	294.9	274.7	273.3	274.1
Enid	1.0	1.1	1.0	5.6	5.9	5.7	4.1	4.3	4.3
Lawton	1.8	1.8	1.8	7.7	8.1	8.1	12.7	12.3	12.1
Oklahoma City	24.9	25.4	25.4	110.6	112.7	112.7	106.4	104.4	104.7
Tulsa	17.6	17.5	17.5	89.2	88.7	88.8	41.1	42.2	42.2
Oregon	85.8	87.3	87.8	311.4	321.8	322.8	237.9	237.6	239.6
Eugene-Springfield	6.2	6.2	6.3	29.3	30.1	30.2	25.6	25.3	25.6
Medford	2.7	2.7	2.7	13.7	14.3	14.5	10.2	10.1	10.4
Portland	55.4	56.7	56.8	171.0	174.5	174.9	91.2	92.1	92.3
Salem	6.1	6.2	6.2	25.4	26.1	25.9	32.8	33.3	33.4
Pennsylvania	301.4	299.1	301.6	1,497.8	1,520.6	1,525.8	710.1	712.1	713.5
Allentown-Bethlehem	14.5	14.4	14.4	80.2	81.2	82.4	33.3	33.2	33.5
Altoona	2.2	2.3	2.3	13.7	13.7	14.2	7.3	7.6	7.5
Beaver County	1.7	1.7	1.7	13.4	13.9	14.3	8.3	8.2	8.2
Erie	5.7	5.6	5.6	32.6	34.5	34.3	13.6	14.7	14.1
Harrisburg-Lebanon-Carlisle	22.3	22.1	22.2	76.2	74.1	76.0	69.0	69.7	70.0
Johnstown	4.2	4.3	4.4	22.7	23.0	23.4	12.7	12.8	13.0
Lancaster	9.0	9.2	9.3	43.5	45.3	45.6	18.2	18.6	18.5
Philadelphia PMSA	158.0	155.5	157.1	690.2	696.4	695.4	304.3	299.5	298.2
Philadelphia City	60.2	57.8	58.0	264.4	266.7	262.6	136.1	131.3	130.6
Pittsburgh	55.3	54.9	55.2	323.0	322.5	323.2	104.6	107.7	107.9

See footnotes at end of table.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Pennsylvania—Continued									
Reading	153.0	151.2	152.6	(¹)	(¹)	(¹)	6.5	5.9	6.2
Scranton-Wilkes-Barre	300.7	301.1	304.2	0.6	0.6	0.6	11.4	9.9	11.1
Sharon	45.3	41.8	42.5	(¹)	(¹)	(¹)	1.4	1.0	1.2
State College	62.2	62.7	61.3	(¹)	(¹)	(¹)	2.7	2.3	2.4
Williamsport	50.7	50.7	50.7	(¹)	(¹)	(¹)	2.2	2.1	2.2
York	181.2	185.6	186.3	.5	.5	.5	8.6	8.8	9.2
Rhode Island	425.4	418.8	424.9	.2	.2	.2	12.3	12.9	14.1
Pawtucket-Woonsocket-Attleboro	121.9	121.9	123.3	.1	.1	.1	3.4	5.0	5.5
Providence	300.6	297.6	301.2	.1	.1	.1	8.9	9.1	10.2
South Carolina	1,535.9	1,560.1	1,568.8	1.7	1.9	1.9	79.7	80.7	81.2
Charleston	205.8	204.7	206.0	(¹)	(¹)	(¹)	12.0	12.5	12.7
Columbia	245.2	247.1	247.8	(¹)	(¹)	(¹)	12.3	12.0	12.2
Greenville-Spartanburg	330.8	334.6	336.1	(¹)	(¹)	(¹)	19.1	20.1	20.4
South Dakota	311.8	310.7	316.2	2.8	2.6	2.7	13.3	11.6	13.3
Rapid City	41.6	40.8	42.2	(¹)	(¹)	(¹)	2.7	2.5	2.6
Sioux Falls	82.2	82.9	83.7	(¹)	(¹)	(¹)	4.2	4.0	4.4
Tennessee	2,239.6	2,259.2	2,272.6	5.1	4.6	4.7	88.2	85.7	89.1
Chattanooga	204.0	206.5	206.5	.7	.6	.6	6.6	6.2	6.3
Johnson City-Kingsport-Bristol	178.6	177.9	176.9	(¹)	(¹)	(¹)	7.8	8.1	8.3
Knoxville	289.9	288.9	292.5	1.3	1.2	1.2	13.0	13.6	14.2
Memphis	481.5	486.4	488.8	(¹)	(¹)	(¹)	17.3	17.2	17.7
Nashville	514.2	526.2	529.0	(¹)	(¹)	(¹)	19.7	19.7	20.1
Texas	7,275.3	7,411.4	7,430.1	170.3	165.7	165.8	347.6	345.6	349.5
Abilene	49.8	50.8	50.8	1.3	1.3	1.3	1.5	1.7	1.8
Amarillo	81.5	81.8	83.3	.9	.8	.8	3.1	3.2	3.3
Austin	410.0	422.6	423.5	.8	.8	.8	14.1	15.1	15.5
Beaumont-Port Arthur	150.8	151.2	152.0	1.1	1.1	1.1	16.1	14.1	14.3
Brazoria	69.4	68.3	68.2	1.2	1.2	1.2	9.0	8.0	7.9
Brownsville-Harlingen	81.1	83.7	83.2	(¹)	(¹)	(¹)	2.5	2.4	2.5
Bryan-College Station	58.9	62.0	61.4	.7	.7	.8	2.0	1.8	1.8
Corpus Christi	135.8	137.8	137.9	2.8	2.8	2.8	10.8	11.2	11.2
Dallas	1,395.5	1,414.3	1,421.0	17.1	17.0	16.9	48.3	49.2	50.0
El Paso	217.5	222.8	223.7	(¹)	(¹)	(¹)	8.2	8.0	8.3
Ft. Worth-Arlington	595.0	602.3	602.7	4.3	4.3	4.3	21.4	20.9	20.8
Galveston-Texas City	80.7	84.2	84.6	.9	.8	.8	4.9	5.1	5.2
Houston	1,633.1	1,630.4	1,634.5	67.8	66.3	65.8	110.7	104.7	105.5
Killeen-Temple	78.1	82.2	82.7	(¹)	(¹)	(¹)	2.6	3.3	3.2
Laredo	49.9	51.7	51.9	1.9	2.0	2.0	1.7	1.7	1.7
Longview-Marshall	70.8	70.0	70.2	3.4	3.3	3.3	3.8	2.9	2.9
Lubbock	98.6	99.3	99.3	.2	.2	.2	3.5	3.5	3.4
McAllen-Edinburg-Mission	106.6	110.2	109.7	.8	.9	.9	4.3	4.4	4.5
Midland	46.1	45.4	45.5	8.9	8.8	8.8	1.4	1.6	1.6
Odessa	44.5	44.5	44.6	4.7	4.5	4.5	2.8	2.5	2.7
San Angelo	38.3	39.0	39.1	.5	.5	.6	1.2	1.2	1.5
San Antonio	549.3	564.8	567.3	1.6	1.5	1.5	23.4	24.9	25.1
Sherman-Denison	37.1	36.7	37.0	(¹)	(¹)	(¹)	1.6	1.5	1.5
Texarkana	47.3	47.3	47.7	.1	.1	.1	1.5	1.8	1.9
Tyler	64.9	64.7	65.3	1.5	1.5	1.5	1.9	2.1	2.1
Victoria	31.1	32.6	32.7	1.4	1.6	1.5	2.2	2.2	2.2
Waco	82.8	64.8	84.2	(¹)	(¹)	(¹)	3.2	3.3	3.4
Wichita Falls	49.5	50.0	49.9	1.4	1.4	1.4	1.5	1.6	1.6

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Pennsylvania—Continued									
Reading	43.9	42.4	42.5	6.5	6.2	6.4	35.0	34.4	34.6
Scranton-Wilkes-Barre	64.6	62.8	63.1	16.6	16.6	16.9	72.8	72.5	73.7
Sharon	11.8	9.4	9.5	2.0	1.8	1.8	10.7	10.4	10.6
State College	8.6	8.9	8.8	1.7	1.8	1.8	11.7	11.9	11.7
Williamsport	14.6	14.3	14.3	1.8	1.9	1.9	11.5	11.3	11.4
York	54.7	55.0	54.6	9.2	9.3	9.2	46.3	46.3	47.0
Rhode Island									
Pawtucket-Woonsocket-Attleboro	90.0	88.0	88.4	14.9	14.9	15.0	90.7	89.4	91.0
Providence	42.4	41.1	41.1	3.6	3.4	3.4	30.3	30.0	30.2
	56.6	55.7	55.7	10.9	11.0	10.9	61.6	60.6	61.7
South Carolina									
Charleston	371.1	368.2	367.9	63.8	63.7	63.6	347.9	355.3	360.9
Columbia	20.5	20.0	20.2	10.6	10.4	10.6	50.8	49.7	50.2
Greenville-Spartanburg	26.0	26.2	26.2	10.8	10.9	11.0	54.1	54.9	55.8
	95.7	95.7	95.6	14.0	14.0	14.0	78.4	77.3	78.1
South Dakota									
Rapid City	36.8	39.0	39.3	14.7	14.6	14.7	80.8	80.1	81.5
Sioux Falls	4.4	4.4	4.5	1.9	1.8	1.9	12.1	11.7	12.3
	10.3	10.3	10.3	5.4	5.4	5.6	22.4	22.3	22.5
Tennessee									
Chattanooga	513.5	516.7	518.2	119.0	120.4	121.2	518.1	520.0	524.8
Johnson City-Kingsport-Bristol	43.9	44.3	44.5	7.5	7.3	7.4	48.1	48.3	48.0
Knoxville	54.9	53.5	53.4	6.2	6.3	6.3	40.3	40.1	40.3
Memphis	51.4	50.5	51.2	10.2	10.2	10.5	74.4	73.2	73.9
Nashville	60.4	60.6	60.7	47.1	48.4	48.8	126.7	126.9	127.9
	89.0	92.1	92.1	30.2	31.2	31.3	125.2	127.2	128.2
Texas									
Abilene	968.5	978.1	979.8	434.8	436.7	438.3	1,749.3	1,775.9	1,780.4
Amarillo	4.5	4.3	4.3	2.7	2.6	2.6	12.9	13.0	13.0
Austin	8.9	9.2	9.4	5.5	5.5	5.6	22.6	21.8	22.2
Beaumont-Port Arthur	52.6	54.8	55.1	13.5	13.5	13.7	83.0	85.7	85.8
Brazoria	26.0	25.6	25.4	9.3	9.4	9.5	33.6	34.5	34.5
Brownsville-Harlingen	17.6	17.7	17.6	2.6	2.5	2.5	12.9	13.0	13.1
Bryan-College Station	11.8	12.6	12.6	3.8	3.7	3.7	22.1	22.9	22.4
Corpus Christi	3.9	4.2	4.1	1.3	1.3	1.3	12.2	13.1	13.4
Dallas	12.9	13.3	13.6	6.6	6.7	6.8	32.4	33.1	33.1
El Paso	209.2	208.1	208.8	85.6	88.1	88.2	353.5	356.0	359.1
Ft. Worth-Arlington	42.6	45.3	45.4	11.0	11.2	11.2	53.8	54.7	54.6
Galveston-Texas City	100.1	101.0	100.3	60.5	61.5	61.3	150.0	149.2	149.2
Houston	8.5	8.5	8.5	4.9	4.9	4.9	17.3	17.9	18.1
Killeen-Temple	177.4	173.7	173.9	111.8	110.9	110.4	383.3	380.4	382.3
Laredo	8.3	9.1	9.1	2.6	2.6	2.7	17.5	18.5	18.8
Longview-Marshall	2.0	1.9	1.9	7.6	7.9	8.0	15.3	16.3	16.4
Lubbock	16.0	15.4	15.3	3.5	3.4	3.5	17.1	17.5	17.6
McAllen-Edinburg-Mission	7.2	7.3	7.3	5.5	5.7	5.7	27.4	26.7	26.9
Midland	12.4	12.2	12.4	3.5	3.5	3.5	33.5	34.6	34.2
Odessa	2.5	2.2	2.2	2.4	2.3	2.3	10.9	10.7	10.8
San Angelo	4.2	4.4	4.4	2.2	2.0	2.0	12.2	12.4	12.4
San Antonio	5.1	5.2	5.1	2.7	2.7	2.7	9.2	9.2	9.1
Sherman-Denison	45.8	45.9	45.8	23.8	25.0	25.2	134.8	139.0	140.4
Texarkana	9.8	9.5	9.7	1.5	1.6	1.6	7.9	7.9	7.9
Tyler	6.1	5.9	5.9	2.0	2.0	2.0	11.2	11.2	11.5
Victoria	11.6	11.3	11.5	3.0	2.8	2.8	16.5	16.6	16.8
Waco	3.1	3.1	3.1	1.5	1.4	1.5	8.2	8.3	8.5
Wichita Falls	14.9	15.1	15.2	3.3	3.4	3.3	19.1	19.9	19.8
	7.4	7.6	7.6	2.7	2.6	2.6	11.7	11.9	11.9

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Pennsylvania-Continued									
Reading	8.9	8.9	9.0	34.0	34.6	34.9	18.2	18.8	19.0
Scranton-Wilkes-Barre	13.4	13.2	13.2	79.5	81.8	82.6	41.8	43.7	43.0
Sharon	1.5	1.6	1.6	12.5	12.4	12.5	5.4	5.2	5.3
State College	1.9	1.8	1.9	11.6	11.5	11.5	24.0	24.5	23.2
Williamsport	2.3	2.4	2.4	12.0	12.4	12.5	6.3	6.3	6.0
York	5.6	5.7	5.8	36.6	40.8	40.8	19.7	19.2	19.2
Rhode Island									
Pawtucket-Woonsocket-Attleboro	25.4	24.4	24.4	129.4	127.6	129.0	62.5	61.4	62.8
Providence	3.5	2.8	2.8	27.4	28.3	28.7	11.2	11.2	11.5
	20.7	20.7	20.7	95.7	94.4	94.8	46.1	46.0	47.1
South Carolina									
Charleston	65.2	64.9	65.4	310.9	323.2	326.3	295.6	302.2	301.6
Columbia	7.8	8.1	8.1	46.7	49.5	49.7	55.4	54.5	54.5
Greenville-Spartanburg	18.7	17.9	17.9	52.9	54.3	54.5	70.4	70.9	70.2
	12.4	13.1	13.2	67.5	70.6	71.5	43.7	43.8	43.3
South Dakota									
Rapid City	17.2	17.6	17.7	78.7	78.8	79.8	67.5	66.4	67.2
Sioux Falls	1.5	1.5	1.5	11.4	11.2	11.7	7.6	7.7	7.7
	8.7	8.7	8.6	22.7	23.7	23.7	8.5	8.5	8.6
Tennessee									
Chattanooga	101.1	100.7	101.0	537.5	549.6	554.2	357.1	361.5	359.4
Johnson City-Kingsport-Bristol	13.3	13.4	13.4	49.2	51.0	51.0	34.7	35.4	35.3
Knoxville	5.6	5.6	5.6	38.0	38.3	37.0	25.8	26.0	26.0
Memphis	10.3	10.1	10.2	75.1	74.6	76.1	54.2	55.5	55.2
Nashville	24.8	25.2	25.5	126.7	127.8	128.7	78.5	80.3	79.5
	30.6	30.6	30.5	150.3	157.4	159.2	69.2	68.0	67.6
Texas									
Abilene	419.3	423.0	424.9	1,841.2	1,896.7	1,904.0	1,344.3	1,389.7	1,387.4
Amarillo	1.9	1.9	1.9	15.5	16.0	15.9	9.5	10.0	10.0
Austin	4.2	4.1	4.1	19.7	20.5	21.0	16.6	16.7	16.9
Beaumont-Port Arthur	23.7	24.1	24.1	107.8	111.1	111.6	114.5	117.5	116.9
Brazoria	4.7	4.8	4.8	37.3	38.7	38.8	22.7	23.0	23.6
Brownsville-Harlingen	1.8	1.8	1.8	11.6	11.4	11.5	12.7	12.7	12.6
Bryan-College Station	3.4	3.3	3.3	18.8	19.5	19.3	18.7	19.3	19.4
Corpus Christi	1.9	2.1	2.1	11.4	11.5	11.6	25.5	27.3	26.3
Dallas	6.1	6.0	6.1	34.8	34.9	34.7	29.4	29.8	29.6
El Paso	123.0	120.7	121.1	386.7	400.8	401.6	172.1	174.4	175.3
Ft. Worth-Arlington	8.3	8.3	8.4	46.2	47.0	47.4	47.4	48.3	48.4
Galveston-Texas City	28.6	27.7	27.8	149.1	154.5	155.9	81.0	83.2	83.1
Houston	5.5	5.7	5.6	14.7	16.7	16.9	24.0	24.6	24.6
Killeen-Temple	96.0	97.3	97.7	464.6	467.1	469.1	221.5	230.0	229.8
Laredo	3.3	3.5	3.6	19.8	20.5	20.5	24.0	24.7	24.8
Longview-Marshall	1.9	1.9	1.9	8.6	8.9	8.9	10.9	11.1	11.1
Lubbock	2.5	2.6	2.6	15.0	15.6	15.7	9.5	9.3	9.3
McAllen-Edinburg-Mission	4.7	4.4	4.4	26.4	27.0	26.9	23.7	24.5	24.5
Midland	3.7	3.8	3.8	19.1	20.1	20.1	29.3	30.7	30.3
Odessa	2.2	2.3	2.3	10.4	10.1	10.1	7.4	7.4	7.4
San Angelo	1.3	1.3	1.3	8.4	8.7	8.6	8.7	8.7	8.7
San Antonio	1.5	1.7	1.7	10.3	10.6	10.5	7.8	7.9	7.9
Sherman-Denison	38.4	38.7	38.8	155.7	163.1	163.3	125.8	126.7	127.2
Texas City	2.1	2.0	2.0	9.3	9.3	9.4	4.9	4.9	4.9
Tyler	1.8	1.8	1.8	12.2	12.4	12.4	12.4	12.1	12.1
Victoria	3.1	2.9	2.9	17.0	17.1	17.1	10.3	10.4	10.6
Waco	1.5	1.5	1.5	7.5	8.0	7.9	5.7	6.5	6.5
Wichita Falls	5.1	5.2	5.2	23.0	23.6	22.9	14.2	14.3	14.4
	2.2	2.2	2.2	12.5	12.6	12.6	10.1	10.1	10.0

See footnotes at end of table.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Utah	766.3	791.7	798.1	8.4	8.6	8.6	34.9	37.3	39.0
Provo-Orem	98.6	105.5	103.0	(¹)	(¹)	(¹)	5.1	5.6	5.9
Salt Lake City-Ogden	521.9	536.9	544.5	3.1	3.1	3.1	22.9	24.2	25.6
Vermont	246.0	248.7	250.6	.5	.6	.6	11.0	10.6	11.9
Barre-Montpelier	33.3	33.5	33.5	(¹)	(¹)	(¹)	1.5	1.3	1.5
Burlington	78.8	76.9	77.0	(¹)	(¹)	(¹)	3.4	3.1	3.5
Virginia	2,855.2	2,849.7	2,867.5	13.6	13.3	13.3	146.7	143.4	146.7
Bristol	34.2	33.4	33.6	(¹)	(¹)	(¹)	1.1	1.1	1.1
Charlottesville	69.2	71.6	71.4	(¹)	(¹)	(¹)	3.6	3.4	3.5
Danville	40.9	41.0	41.0	(¹)	(¹)	(¹)	1.8	1.8	1.9
Lynchburg	77.0	78.4	78.8	(¹)	(¹)	(¹)	3.3	3.1	3.2
Norfolk-Virginia Beach-Newport News	587.7	586.8	591.6	(¹)	(¹)	(¹)	30.6	31.3	31.6
Northern Virginia	763.7	761.1	768.6	.4	.4	.4	36.9	36.6	37.2
Richmond-Petersburg	464.9	466.1	468.8	.7	.7	.7	27.2	26.9	27.1
Roanoke	125.5	127.3	127.8	(¹)	(¹)	(¹)	6.9	6.1	6.3
Washington	2,223.7	2,230.6	2,249.3	3.4	3.2	3.2	119.3	119.2	121.5
Seattle	1,128.1	1,130.2	1,136.4	.6	.5	.5	61.1	59.1	59.7
West Virginia	653.5	648.6	656.7	31.4	29.6	29.7	27.7	28.7	31.4
Charleston	114.1	114.2	115.2	1.9	1.5	1.4	5.2	4.9	5.2
Huntington-Ashland	113.5	110.8	111.2	1.7	1.6	1.6	5.4	4.7	5.1
Parkersburg-Marietta	63.3	63.2	64.0	.4	.4	.4	3.3	2.7	3.1
Wheeling	60.6	59.4	60.0	1.7	1.5	1.5	2.1	2.0	2.3
Wisconsin	2,358.9	2,367.9	2,397.9	2.5	2.3	2.5	94.4	91.0	101.8
Appleton-Oshkosh-Neenah	168.2	171.8	172.5	(¹)	(¹)	(¹)	8.6	9.3	10.2
Eau Claire	61.1	60.3	61.0	(¹)	(¹)	(¹)	2.3	1.8	2.2
Green Bay	112.4	113.7	114.1	(¹)	(¹)	(¹)	6.5	6.1	6.5
Janesville-Beloit	60.5	60.3	60.6	(¹)	(¹)	(¹)	2.1	2.2	2.4
Kenosha	45.1	45.8	46.3	(¹)	(¹)	(¹)	2.0	2.1	2.2
La Crosse	56.8	57.8	58.7	(¹)	(¹)	(¹)	2.0	2.3	2.5
Madison	233.2	238.5	240.8	(¹)	(¹)	(¹)	10.2	10.1	11.1
Milwaukee	760.5	765.7	772.9	(¹)	(¹)	(¹)	28.0	26.9	28.8
Racine	75.8	75.5	76.3	(¹)	(¹)	(¹)	2.7	2.8	3.1
Sheboygan	52.2	52.5	52.9	(¹)	(¹)	(¹)	1.8	2.1	2.2
Wausau	54.8	55.1	55.8	(¹)	(¹)	(¹)	2.4	2.3	2.5
Wyoming	208.1	200.3	208.3	17.2	16.7	16.9	12.0	10.0	11.5
Casper	28.2	27.7	28.3	2.1	2.1	2.2	1.4	1.3	1.4
Puerto Rico	851.3	847.7	850.3	.9	.9	.9	47.7	46.0	45.7
Caguas	56.7	57.1	57.1	(¹)	(¹)	(¹)	1.3	1.5	1.5
Mayaguez	60.5	55.9	60.7	(¹)	(¹)	(¹)	2.9	2.4	2.5
Ponce	56.6	58.0	58.1	(¹)	(¹)	(¹)	4.2	3.4	3.5
San Juan	517.1	514.4	515.9	.5	.5	.5	33.8	32.3	32.0
Virgin Islands	44.3	46.3	46.3	(¹)	(¹)	(¹)	3.8	5.2	5.3

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Utah	105.5	106.2	107.1	43.4	44.8	45.3	182.8	188.5	190.3
Provo-Orem	13.7	13.0	13.1	2.0	2.0	2.0	22.7	23.8	23.6
Salt Lake City-Ogden	68.8	69.8	70.6	34.3	35.2	36.0	127.6	129.6	131.5
Vermont	44.0	43.1	43.5	10.9	10.8	11.0	57.8	56.9	57.4
Barre-Montpelier	4.4	4.8	4.9	1.0	.8	.8	7.0	6.9	7.0
Burlington	15.2	14.1	13.8	3.5	3.4	3.5	18.4	17.6	17.9
Virginia	405.8	399.9	402.4	146.5	143.4	143.6	635.0	625.6	633.9
Bristol	10.6	9.9	9.9	1.2	1.2	1.2	8.6	8.4	8.5
Charlottesville	8.0	7.9	7.8	2.4	2.4	2.3	13.7	13.8	14.0
Danville	14.9	15.0	15.0	1.0	1.1	1.1	8.4	8.3	8.3
Lynchburg	22.8	22.6	22.8	2.7	2.7	2.7	16.9	16.8	17.0
Norfolk-Virginia Beach-Newport News	63.1	61.9	62.0	26.2	28.1	27.9	139.4	135.5	138.4
Northern Virginia	32.9	31.4	31.4	49.0	47.4	47.8	167.1	163.0	165.1
Richmond-Petersburg	62.6	59.4	61.1	22.8	22.3	22.3	106.7	107.8	109.2
Roanoke	18.6	18.7	18.6	8.3	8.2	8.2	33.9	34.3	34.2
Washington	347.1	338.2	340.5	113.2	111.2	111.6	535.8	537.8	544.1
Seattle	211.8	205.5	204.7	69.5	68.2	68.7	263.3	267.2	269.1
West Virginia	81.7	82.3	82.6	38.5	38.1	38.4	146.4	147.6	149.9
Charleston	10.5	10.7	10.7	9.0	8.9	8.9	28.2	27.9	28.5
Huntington-Ashland	20.0	18.5	18.3	7.3	7.2	7.2	28.0	27.4	27.7
Parkersburg-Marietta	13.4	13.4	13.4	2.6	2.5	2.6	14.9	15.1	15.3
Wheeling	6.7	6.8	6.7	3.3	3.4	3.4	15.3	15.0	15.2
Wisconsin	542.3	543.9	546.4	111.3	110.8	112.7	548.2	540.7	551.0
Appleton-Oshkosh-Neenah	54.8	55.0	55.0	6.9	7.5	7.5	34.8	34.8	35.2
Eau Claire	11.0	9.9	10.0	3.1	3.2	3.3	16.4	16.5	16.8
Green Bay	23.9	24.3	24.3	7.9	8.1	8.2	26.7	26.3	26.7
Janesville-Beloit	18.5	17.6	17.5	2.3	2.4	2.4	14.4	14.2	14.3
Kenosha	9.7	9.7	9.7	1.6	1.3	1.4	13.0	13.8	14.1
La Crosse	10.2	10.3	10.3	2.4	2.4	2.4	15.8	15.8	16.0
Madison	25.1	26.0	26.1	8.1	8.1	8.3	50.2	50.3	50.8
Milwaukee	163.8	164.6	165.4	36.8	36.5	36.7	169.9	170.0	173.0
Racine	24.6	24.5	24.6	2.4	2.4	2.5	16.8	16.3	16.7
Sheboygan	20.4	20.6	20.9	1.7	1.5	1.5	9.9	10.0	10.2
Wausau	15.5	15.6	15.8	3.5	3.3	3.3	12.7	12.8	13.0
Wyoming	9.0	8.8	8.9	14.4	14.2	14.3	46.8	45.7	47.6
Casper	1.6	1.5	1.5	1.7	1.6	1.6	8.1	7.9	8.1
Puerto Rico	151.8	149.0	149.3	21.7	21.8	21.8	156.6	156.4	158.4
Caguas	16.1	15.0	14.8	.5	.4	.4	11.8	11.9	12.0
Mayaguez	17.6	16.5	17.4	.4	.5	.5	10.1	9.6	9.6
Ponce	10.2	10.8	10.7	1.5	1.7	1.7	9.2	9.4	9.5
San Juan	62.9	62.2	62.3	17.4	17.6	17.6	104.1	104.8	105.9
Virgin Islands	2.8	2.8	2.8	2.6	2.5	2.5	9.9	10.0	10.0

See footnotes at end of table.

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

B-9. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Utah	37.2	38.3	38.8	192.6	207.3	206.2	161.5	160.7	162.8
Provo-Orem	2.6	2.8	2.8	36.8	42.1	39.3	15.7	16.2	16.3
Salt Lake City-Ogden	30.8	31.6	32.1	129.5	136.7	138.4	104.9	106.7	107.2
Vermont	11.9	11.6	11.6	64.9	69.6	69.4	45.0	45.5	45.2
Barre-Montpelier	2.7	2.6	2.6	8.4	8.7	8.3	8.3	8.4	8.4
Burlington	4.1	4.0	4.0	21.5	21.3	21.3	12.7	13.4	13.0
Virginia	149.7	149.3	150.3	762.3	772.1	778.1	595.6	602.7	599.2
Bristol	1.2	1.2	1.2	5.8	6.1	6.0	5.7	5.5	5.7
Charlottesville	3.7	3.8	3.9	15.7	16.2	16.4	22.1	24.1	23.5
Danville	1.3	1.2	1.2	7.7	7.8	7.7	5.8	5.8	5.8
Lynchburg	3.6	3.7	3.7	18.1	19.7	19.6	9.6	9.8	9.8
Norfolk-Virginia Beach-Newport News	25.9	25.9	26.4	160.3	161.8	164.4	140.2	142.3	140.9
Northern Virginia	48.2	48.8	49.1	270.9	275.9	278.5	158.3	157.6	159.1
Richmond-Petersburg	38.2	38.5	39.0	110.2	112.1	112.1	96.5	98.4	97.3
Roanoke	8.8	8.7	8.7	32.8	34.5	34.9	16.2	16.8	16.9
Washington	119.0	116.9	116.8	552.7	568.4	572.6	433.2	435.7	439.0
Seattle	73.6	73.4	73.2	285.2	293.5	296.8	163.0	162.8	163.7
West Virginia	24.4	24.9	25.0	157.7	163.9	164.6	145.7	133.5	135.1
Charleston	6.1	6.4	6.3	31.5	33.1	33.0	21.7	20.8	21.2
Huntington-Ashland	3.8	3.7	3.7	26.5	27.8	27.8	20.8	19.9	19.8
Parkersburg-Manetta	2.4	2.4	2.4	15.4	16.0	16.0	10.9	10.7	10.8
Wheeling	2.9	3.0	3.1	18.1	18.3	18.2	10.5	9.4	9.6
Wisconsin	126.6	129.1	129.5	570.7	579.7	586.2	363.0	370.4	368.0
Appleton-Oshkosh-Neenah	8.4	8.6	8.6	35.8	37.0	36.9	18.9	19.5	19.0
Eau Claire	2.0	2.0	2.0	14.4	14.7	14.8	11.8	12.0	12.0
Green Bay	6.6	7.2	7.2	28.2	28.6	28.6	12.5	13.1	12.6
Janesville-Beloit	1.7	1.7	1.7	14.0	14.3	14.4	7.5	7.9	7.9
Kenosha	1.4	1.5	1.5	10.6	10.4	10.6	6.7	6.9	6.8
La Crosse	1.8	1.8	1.9	16.2	16.5	16.7	8.4	8.6	8.8
Madison	20.2	21.0	21.0	53.7	55.9	56.0	65.8	67.1	67.5
Milwaukee	52.4	53.0	53.0	219.5	224.5	225.5	90.0	90.2	90.5
Racine	2.3	2.3	2.3	18.0	18.2	18.0	9.0	9.0	9.1
Sheboygan	2.3	2.3	2.2	10.0	9.9	10.0	6.0	6.1	6.0
Wausau	4.0	4.1	4.1	10.1	10.3	10.4	6.7	6.8	6.6
Wyoming	7.3	7.4	7.5	41.9	39.2	42.4	59.5	58.3	59.2
Casper	1.1	1.1	1.1	6.8	6.9	6.9	5.4	5.3	5.5
Puerto Rico	36.8	35.8	35.7	141.8	144.1	144.7	294.0	293.7	293.7
Caguas	1.3	1.2	1.2	8.9	9.5	9.6	17.0	17.5	17.5
Mayaguez	1.5	1.5	1.4	8.6	9.5	9.6	19.4	19.7	19.7
Ponce	1.6	1.7	1.6	11.8	12.5	12.5	18.1	18.7	18.6
San Juan	29.0	28.4	28.4	97.5	98.8	99.1	172.0	169.9	170.1
Virgin Islands	2.0	2.1	2.1	9.4	9.9	9.8	13.8	13.8	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 1992 benchmarks.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

C-1. 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	10.58	363.95	43.9	14.54	638.31	38.0	14.15	537.70
Monthly data, not seasonally adjusted									
1992:									
June	34.5	\$10.52	\$362.94	43.8	\$14.53	\$636.41	39.0	\$14.13	\$551.07
July	34.6	10.51	363.65	43.1	14.50	624.95	38.9	14.10	548.49
August	34.9	10.55	368.20	44.5	14.47	643.92	39.1	14.24	556.78
September	34.3	10.65	365.30	43.9	14.60	640.94	37.1	14.22	527.56
October	34.4	10.68	367.39	44.4	14.47	642.47	39.0	14.30	557.70
November	34.5	10.72	369.84	44.6	14.61	651.61	37.5	14.24	534.00
December	34.5	10.70	369.15	44.4	14.58	647.35	37.2	14.27	530.84
1993:									
January	34.0	10.77	366.18	44.1	14.72	649.15	36.1	14.20	512.62
February	34.1	10.77	367.26	43.5	14.60	635.10	36.7	14.11	517.84
March	34.0	10.79	366.86	42.9	14.71	631.06	37.4	14.27	533.70
April	34.2	10.79	369.02	43.7	14.88	650.26	37.8	14.25	538.65
May ^p	34.7	10.80	374.76	44.3	14.72	652.10	39.2	14.10	552.72
June ^p	34.6	10.75	371.95	44.3	14.57	645.45	39.3	14.04	551.77

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

C-1. 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	151.69
1973	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.2	4.07	159.54
1974	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.38	169.94
1975	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.6	4.72	182.19
1976	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.02	194.27
1977	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	209.13
1978	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	228.14
1979	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.93
1980	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.4	6.95	266.88
1981	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.55	290.68
1982	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.08	309.46
1983	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.54	328.79
1984	40.7	9.19	8.82	374.03	39.4	11.12	438.13	38.5	8.88	341.88
1985	40.5	9.54	9.16	386.37	39.5	11.40	450.30	38.4	9.15	351.36
1986	40.7	9.73	9.34	396.01	39.2	11.70	458.64	38.3	9.34	357.72
1987	41.0	9.91	9.48	406.31	39.2	12.03	471.58	38.1	9.59	365.38
1988	41.1	10.19	9.73	418.81	38.8	12.26	475.69	38.1	9.98	380.24
1989	41.0	10.48	10.02	429.68	38.9	12.60	490.14	38.0	10.39	394.82
1990	40.8	10.83	10.37	441.86	38.9	12.97	504.53	38.1	10.79	411.10
1991	40.7	11.18	10.71	455.03	38.7	13.22	511.61	38.1	11.15	424.82
1992	41.0	11.46	10.95	469.86	38.9	13.46	523.59	38.2	11.39	435.10
Monthly data, not seasonally adjusted										
1992:										
June	41.3	\$11.46	\$10.94	\$473.30	38.9	\$13.37	\$520.09	38.2	\$11.32	\$432.42
July	40.7	11.47	10.96	466.83	39.3	13.42	527.41	38.2	11.36	433.95
August	41.1	11.45	10.92	470.60	39.6	13.49	534.20	38.5	11.42	439.67
September	41.0	11.54	11.01	473.14	39.1	13.59	531.37	38.1	11.44	435.86
October	41.3	11.50	10.96	474.95	39.1	13.57	530.59	38.2	11.44	437.01
November	41.6	11.55	11.01	480.48	39.5	13.64	538.78	38.3	11.52	441.22
December	41.9	11.64	11.09	487.72	39.2	13.58	532.34	38.2	11.52	440.06
1993:										
January	41.1	11.62	11.11	477.58	39.0	13.58	529.62	37.8	11.59	438.10
February	41.1	11.62	11.11	477.58	39.1	13.60	531.76	37.9	11.61	440.02
March	40.9	11.64	11.14	476.08	39.2	13.63	534.30	37.8	11.59	438.10
April	40.9	11.71	11.19	478.94	39.2	13.61	533.51	38.0	11.70	444.60
May ^p	41.3	11.72	11.18	484.04	39.7	13.58	539.13	38.4	11.73	450.43
June ^p	41.4	11.73	11.17	485.62	39.6	13.56	536.98	38.2	11.65	445.03

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

C-1. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry, 1964 to date—Continued

Year and month	Retail trade			Finance, insurance, and real estate			Services		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964	37.0	\$1.75	\$64.75	37.3	\$2.30	\$85.79	36.1	\$1.94	\$70.03
1965	36.6	1.82	66.61	37.2	2.39	88.91	35.9	2.05	73.60
1966	35.9	1.91	68.57	37.3	2.47	92.13	35.5	2.17	77.04
1967	35.3	2.01	70.95	37.1	2.58	95.72	35.1	2.29	80.38
1968	34.7	2.16	74.95	37.0	2.75	101.75	34.7	2.42	83.97
1969	34.2	2.30	78.66	37.1	2.93	108.70	34.7	2.61	90.57
1970	33.8	2.44	82.47	36.7	3.07	112.67	34.4	2.81	96.66
1971	33.7	2.60	87.62	36.6	3.22	117.85	33.9	3.04	103.06
1972	33.4	2.75	91.85	36.6	3.36	122.98	33.9	3.27	110.85
1973	33.1	2.91	96.32	36.6	3.53	129.20	33.8	3.47	117.29
1974	32.7	3.14	102.68	36.5	3.77	137.61	33.6	3.75	126.00
1975	32.4	3.36	108.86	36.5	4.06	148.19	33.5	4.02	134.67
1976	32.1	3.57	114.60	36.4	4.27	155.43	33.3	4.31	143.52
1977	31.6	3.85	121.66	36.4	4.54	165.26	33.0	4.65	153.45
1978	31.0	4.20	130.20	36.4	4.89	178.00	32.8	4.99	163.67
1979	30.6	4.53	138.62	36.2	5.27	190.77	32.7	5.36	175.27
1980	30.2	4.88	147.38	36.2	5.79	209.60	32.6	5.85	190.71
1981	30.1	5.25	158.03	36.3	6.31	229.05	32.6	6.41	208.97
1982	29.9	5.48	163.85	36.2	6.78	245.44	32.6	6.92	225.59
1983	29.8	5.74	171.05	36.2	7.29	263.90	32.7	7.31	239.04
1984	29.8	5.85	174.33	36.5	7.63	278.50	32.6	7.59	247.43
1985	29.4	5.94	174.64	36.4	7.94	289.02	32.5	7.90	256.75
1986	29.2	6.03	176.08	36.4	8.36	304.30	32.5	8.18	265.85
1987	29.2	6.12	178.70	36.3	8.73	316.90	32.5	8.49	275.93
1988	29.1	6.31	183.62	35.9	9.06	325.25	32.6	8.88	289.49
1989	28.9	6.53	188.72	35.8	9.53	341.17	32.6	9.38	305.79
1990	28.8	6.75	194.40	35.8	9.97	356.93	32.5	9.83	319.48
1991	28.6	6.94	198.48	35.7	10.39	370.92	32.4	10.23	331.45
1992	28.8	7.13	205.34	35.8	10.82	387.36	32.5	10.55	342.88
Monthly data, not seasonally adjusted									
1992:									
June	29.0	\$7.09	\$205.61	35.6	\$10.69	\$380.56	32.5	\$10.43	\$338.98
July	29.3	7.09	207.74	35.6	10.72	381.63	32.7	10.42	340.73
August	29.6	7.09	209.86	36.3	10.83	393.13	33.0	10.46	345.18
September	29.0	7.21	209.09	35.5	10.84	384.82	32.2	10.62	341.96
October	28.7	7.19	206.35	35.6	10.90	388.04	32.4	10.65	345.06
November	28.7	7.21	206.93	36.2	11.05	400.01	32.6	10.73	349.80
December	29.2	7.20	210.24	35.6	11.03	392.67	32.3	10.76	347.55
1993:									
January	28.0	7.27	203.56	35.7	11.13	397.34	32.2	10.83	348.73
February	28.2	7.26	204.73	35.7	11.19	399.48	32.3	10.83	349.81
March	27.8	7.28	202.38	35.5	11.17	396.54	32.3	10.81	349.16
April	28.5	7.27	207.20	35.7	11.21	400.20	32.3	10.77	347.87
May ^p	28.9	7.27	210.10	36.2	11.33	410.15	32.7	10.78	352.51
June ^p	29.0	7.26	210.54	35.6	11.18	398.01	32.6	10.68	348.17

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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 forward are subject to revision.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Total private		34.4	34.5	34.2	34.7	34.6	-	-	-	-	-
Mining		43.8	43.8	43.7	44.3	44.3	-	-	-	-	-
Metal mining	10	42.1	42.0	43.5	43.1	-	-	-	-	-	-
Iron ores	101	41.7	41.8	43.3	43.3	-	-	-	-	-	-
Copper ores	102	43.0	42.6	47.8	44.5	-	-	-	-	-	-
Coal mining	12	43.9	44.9	44.7	44.3	-	-	-	-	-	-
Bituminous coal and lignite mining	122	43.9	45.0	44.9	44.4	-	-	-	-	-	-
Oil and gas extraction	13	43.4	42.7	42.5	43.6	-	-	-	-	-	-
Crude petroleum and natural gas	131	40.7	40.9	41.8	42.6	-	-	-	-	-	-
Oil and gas field services	138	45.2	44.1	43.0	44.3	-	-	-	-	-	-
Nonmetallic minerals, except fuels	14	46.0	46.2	45.6	47.0	-	-	-	-	-	-
Crushed and broken stone	142	46.2	46.2	46.4	48.1	-	-	-	-	-	-
Construction		38.9	39.0	37.8	39.2	39.3	-	-	-	-	-
General building contractors	15	38.1	38.1	37.4	38.1	-	-	-	-	-	-
Residential building construction	152	37.1	37.1	36.7	37.5	-	-	-	-	-	-
Operative builders	153	38.9	39.1	38.0	38.7	-	-	-	-	-	-
Nonresidential building construction	154	39.0	39.0	38.0	38.7	-	-	-	-	-	-
Heavy construction, except building	16	43.3	43.1	41.0	43.1	-	-	-	-	-	-
Highway and street construction	161	44.6	44.7	41.4	44.3	-	-	-	-	-	-
Heavy construction, except highway	162	42.7	42.3	40.8	42.5	-	-	-	-	-	-
Special trade contractors	17	37.9	38.0	37.0	38.5	-	-	-	-	-	-
Plumbing, heating, and air conditioning	171	39.0	39.4	38.1	39.3	-	-	-	-	-	-
Painting and paper hanging	172	36.8	36.6	36.7	37.6	-	-	-	-	-	-
Electrical work	173	39.4	39.3	38.6	39.3	-	-	-	-	-	-
Masonry, stonework, and plastering	174	35.4	35.7	34.9	36.2	-	-	-	-	-	-
Carpentry and floor work	175	35.2	35.7	35.5	35.4	-	-	-	-	-	-
Roofing, siding, and sheet metal work	176	34.8	35.1	33.1	36.1	-	-	-	-	-	-
Manufacturing		41.1	41.3	40.9	41.3	41.4	3.8	3.9	3.8	4.0	4.1
Durable goods		41.7	41.8	41.6	42.1	42.1	3.9	3.9	3.9	4.2	4.3
Lumber and wood products	24	41.0	40.9	40.2	40.9	41.0	4.1	4.0	3.6	4.0	-
Logging	241	41.4	40.9	40.1	41.3	-	5.8	5.4	5.4	6.0	-
Sawmills and planing mills	242	41.9	41.8	41.4	42.3	-	4.6	4.6	4.3	4.9	-
Sawmills and planing mills, general	2421	42.3	42.1	41.8	42.8	-	5.0	4.8	4.6	5.3	-
Hardwood dimension and flooring mills	2426	40.8	40.8	40.2	40.5	-	3.3	3.8	3.2	3.5	-
Millwork, plywood, and structural members	243	41.1	40.9	39.7	40.3	-	3.8	3.7	3.1	3.3	-
Millwork	2431	40.5	40.3	38.6	38.9	-	3.1	3.0	2.3	2.3	-
Wood kitchen cabinets	2434	40.8	40.7	39.8	40.1	-	3.8	3.7	2.9	3.0	-
Hardwood veneer and plywood	2435	42.2	41.8	41.0	41.2	-	4.3	4.1	4.2	4.4	-
Softwood veneer and plywood	2436	42.6	42.1	42.0	43.4	-	5.2	4.9	4.8	5.1	-
Wood containers	244	39.5	39.3	38.9	39.3	-	3.1	3.1	3.1	3.4	-
Wood buildings and mobile homes	245	40.1	39.9	40.3	40.5	-	3.3	3.0	3.1	3.4	-
Mobile homes	2451	39.9	39.9	40.5	40.7	-	3.4	3.0	3.3	3.4	-
Miscellaneous wood products	249	39.6	39.9	39.8	40.3	-	2.9	3.1	2.7	3.0	-
Furniture and fixtures	25	39.6	40.0	39.6	39.5	39.9	2.6	2.8	2.7	2.7	-
Household furniture	251	38.6	39.0	39.0	38.7	-	2.2	2.3	2.5	2.3	-
Wood household furniture	2511	39.3	39.2	39.9	39.4	-	2.3	2.3	2.6	2.4	-
Upholstered household furniture	2512	36.4	37.8	37.9	37.2	-	1.4	1.8	1.8	1.6	-
Metal household furniture	2514	41.8	41.5	40.9	42.0	-	4.0	4.1	4.4	4.6	-
Mattresses and bedsprings	2515	39.5	40.7	38.1	38.2	-	2.3	2.7	2.7	2.3	-
Office furniture	252	40.6	40.8	40.2	39.7	-	2.7	3.0	2.7	2.9	-
Public building and related furniture	253	42.4	42.6	40.8	41.8	-	3.9	4.4	3.3	4.2	-
Partitions and fixtures	254	40.9	41.4	40.2	40.3	-	3.5	4.0	3.3	3.6	-
Miscellaneous furniture and fixtures	259	40.8	40.7	41.2	41.3	-	2.7	2.8	3.3	2.8	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Total private		\$10.53	\$10.52	\$10.79	\$10.80	\$10.75	\$362.23	\$362.94	\$369.02	\$374.76	\$371.95
Mining		14.48	14.53	14.88	14.72	14.57	634.22	636.41	650.26	652.10	645.45
Metal mining	10	15.14	15.19	15.32	15.37	-	637.39	637.98	666.42	662.45	-
Iron ores	101	16.23	16.41	17.68	17.16	-	676.79	685.94	765.54	743.03	-
Copper ores	102	13.49	13.80	13.97	13.86	-	580.07	587.88	667.77	616.77	-
Coal mining	12	17.08	17.08	17.52	17.33	-	749.81	766.89	783.14	767.72	-
Bituminous coal and lignite mining	122	17.20	17.22	17.71	17.52	-	755.08	774.90	795.18	777.89	-
Oil and gas extraction	13	14.01	14.05	14.48	14.29	-	608.03	599.94	615.40	623.04	-
Crude petroleum and natural gas	131	16.88	16.62	17.24	17.22	-	687.02	679.76	720.63	733.57	-
Oil and gas field services	138	11.97	12.14	12.63	12.41	-	541.04	535.37	543.09	549.76	-
Nonmetallic minerals, except fuels	14	12.17	12.27	12.56	12.66	-	559.82	566.87	572.74	595.02	-
Crushed and broken stone	142	11.48	11.59	11.85	12.09	-	530.38	535.46	549.84	581.53	-
Construction		14.10	14.13	14.25	14.10	14.04	548.49	551.07	538.65	552.72	551.77
General building contractors	15	13.32	13.31	13.60	13.56	-	507.49	507.11	508.64	516.64	-
Residential building construction	152	12.28	12.27	12.67	12.63	-	455.59	455.22	464.99	473.63	-
Operative builders	153	14.21	13.83	13.58	13.43	-	552.77	540.75	516.04	519.74	-
Nonresidential building construction	154	14.22	14.23	14.45	14.43	-	554.58	554.97	549.10	558.44	-
Heavy construction, except building	16	14.04	14.18	13.86	13.08	-	607.93	611.16	568.26	563.75	-
Highway and street construction	161	13.62	14.05	13.29	14.05	-	607.45	628.04	550.21	622.42	-
Heavy construction, except highway	162	14.24	14.25	14.10	12.58	-	608.05	602.78	575.28	534.65	-
Special trade contractors	17	14.39	14.41	14.58	14.60	-	545.38	547.58	539.46	562.10	-
Plumbing, heating, and air conditioning	171	14.82	14.79	15.05	14.97	-	577.98	582.73	573.41	588.32	-
Painting and paper hanging	172	13.11	13.18	13.09	13.20	-	482.45	482.39	480.40	496.32	-
Electrical work	173	15.42	15.41	15.66	15.73	-	607.55	605.61	604.48	618.19	-
Masonry, stonework, and plastering	174	14.51	14.40	14.63	14.68	-	513.65	514.08	510.59	531.42	-
Carpentry and floor work	175	14.58	14.55	14.11	14.37	-	513.22	519.44	500.91	508.70	-
Roofing, siding, and sheet metal work	176	12.41	12.51	12.48	12.56	-	431.87	439.10	413.09	453.42	-
Manufacturing		11.45	11.46	11.71	11.72	11.73	470.60	473.30	478.94	484.04	485.62
Durable goods		12.02	12.05	12.27	12.30	12.30	501.23	503.69	510.43	517.83	517.83
Lumber and wood products	24	9.41	9.42	9.51	9.57	9.59	385.81	385.28	382.30	391.41	393.19
Logging	241	11.18	11.24	11.56	11.57	-	462.85	459.72	463.56	477.84	-
Sawmills and planing mills	242	9.51	9.52	9.71	9.74	-	398.47	397.94	401.99	412.00	-
Sawmills and planing mills, general	2421	9.85	9.85	10.09	10.12	-	416.66	414.69	421.76	433.14	-
Hardwood dimension and flooring mills	2426	8.00	8.09	8.08	8.13	-	326.40	330.07	324.82	329.27	-
Millwork, plywood, and structural members	243	9.46	9.46	9.54	9.58	-	388.81	386.91	378.74	386.07	-
Millwork	2431	9.69	9.73	9.69	9.74	-	392.45	392.12	374.03	378.89	-
Wood kitchen cabinets	2434	8.92	8.96	8.93	8.96	-	363.94	364.67	355.41	359.30	-
Hardwood veneer and plywood	2435	8.17	8.18	8.35	8.32	-	344.77	341.92	342.35	342.78	-
Softwood veneer and plywood	2436	10.88	10.78	11.36	11.40	-	463.49	453.84	477.12	494.76	-
Wood containers	244	6.85	6.85	6.95	6.97	-	270.58	269.21	270.36	273.92	-
Wood buildings and mobile homes	245	9.25	9.19	9.23	9.31	-	370.93	366.68	371.97	377.06	-
Mobile homes	2451	9.35	9.23	9.28	9.37	-	373.07	368.28	375.84	381.36	-
Miscellaneous wood products	249	8.81	8.75	8.85	8.93	-	348.88	349.13	352.23	359.88	-
Furniture and fixtures	25	8.97	9.01	9.14	9.17	9.21	355.21	360.40	361.94	362.22	367.48
Household furniture	251	8.34	8.38	8.57	8.59	-	321.92	326.82	334.23	332.43	-
Wood household furniture	2511	7.82	7.86	8.03	8.04	-	307.33	308.11	320.40	316.78	-
Upholstered household furniture	2512	9.17	9.20	9.39	9.35	-	333.79	347.76	355.88	347.82	-
Metal household furniture	2514	8.48	8.46	8.59	8.54	-	354.46	351.09	351.33	358.68	-
Mattresses and bedsprings	2515	8.63	8.67	8.90	9.11	-	340.89	352.87	339.09	348.00	-
Office furniture	252	9.88	9.80	9.91	9.87	-	401.13	399.84	398.38	391.84	-
Public building and related furniture	253	9.60	9.52	9.60	9.79	-	407.04	405.55	391.68	409.22	-
Partitions and fixtures	254	10.22	10.36	10.40	10.50	-	418.00	428.90	418.08	423.15	-
Miscellaneous furniture and fixtures	259	9.31	9.33	9.55	9.48	-	379.85	379.73	393.46	391.52	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Durable goods—Continued											
Stone, clay, and glass products	32	42.7	42.8	42.2	43.1	43.3	5.2	5.3	4.8	5.4	-
Flat glass	321	44.5	45.5	44.4	46.1	-	6.2	6.7	6.1	7.6	-
Glass and glassware, pressed or blown	322	42.5	42.3	42.8	42.5	-	4.6	4.5	5.0	4.5	-
Glass containers	3221	43.0	42.9	44.6	43.5	-	5.7	5.7	6.5	5.6	-
Pressed and blown glass, nec	3229	42.1	41.8	41.2	41.6	-	3.5	3.4	3.6	3.4	-
Products of purchased glass	323	41.5	42.0	40.7	41.6	-	3.5	3.7	2.5	3.1	-
Cement, hydraulic	324	42.2	41.8	42.4	42.5	-	4.0	4.2	4.4	4.0	-
Structural clay products	325	40.8	41.0	41.3	41.6	-	3.1	3.5	3.6	3.9	-
Pottery and related products	326	40.5	40.8	42.1	41.8	-	3.1	3.1	3.8	3.3	-
Concrete, gypsum, and plaster products	327	44.2	44.4	42.4	44.7	-	7.1	7.3	5.9	7.5	-
Concrete block and brick	3271	45.9	46.2	43.8	45.5	-	7.4	8.2	6.3	7.9	-
Concrete products, nec	3272	42.9	43.7	42.3	43.8	-	5.5	6.0	4.8	5.8	-
Ready-mixed concrete	3273	44.6	44.1	41.8	44.8	-	8.0	7.8	6.4	8.4	-
Misc. nonmetallic mineral products	329	42.0	41.8	42.6	42.5	-	4.8	4.6	4.8	4.6	-
Abrasive products	3291	41.4	41.0	42.9	43.0	-	3.4	3.0	4.4	3.8	-
Asbestos products	3292	40.5	39.4	42.9	43.5	-	5.9	4.2	5.6	6.6	-
Primary metal industries	33	43.3	43.5	43.6	43.7	43.7	5.2	5.4	5.4	5.5	-
Blast furnaces and basic steel products	331	43.8	44.1	44.2	44.1	44.2	5.4	5.6	5.8	5.7	-
Blast furnaces and steel mills	3312	43.9	44.2	44.4	44.3	-	5.6	5.7	6.0	5.9	-
Steel pipe and tubes	3317	42.8	43.5	44.0	43.9	-	4.4	5.1	4.8	4.7	-
Iron and steel foundries	332	43.6	43.8	43.6	44.0	-	5.2	5.5	5.3	5.7	-
Gray and ductile iron foundries	3321	44.3	44.7	44.0	44.6	-	5.8	6.3	5.5	6.1	-
Malleable iron foundries	3322	46.5	45.4	44.2	43.7	-	7.3	7.3	8.6	9.1	-
Steel foundries, nec	3325	41.8	41.7	42.9	42.7	-	4.0	4.0	4.7	4.7	-
Primary nonferrous metals	333	43.6	43.1	42.9	42.8	-	5.5	5.3	5.0	5.1	-
Primary aluminum	3334	43.4	43.4	42.1	42.5	-	5.7	6.0	4.8	5.1	-
Nonferrous rolling and drawing	335	43.3	43.7	44.3	44.2	-	5.8	6.0	6.3	6.3	-
Copper rolling and drawing	3351	43.2	43.8	43.7	44.3	-	6.2	6.8	6.5	6.8	-
Aluminum sheet, plate, and foil	3353	44.7	45.0	47.3	47.2	-	7.1	7.6	8.1	7.9	-
Nonferrous wire drawing and insulating	3357	42.3	42.6	43.5	43.0	-	5.1	5.2	5.7	5.8	-
Nonferrous foundries (castings)	336	41.3	41.3	41.1	41.1	-	3.4	3.6	3.6	3.7	-
Aluminum foundries	3365	41.8	42.0	41.1	41.1	-	4.1	4.0	3.8	3.7	-
Fabricated metal products	34	41.8	41.9	41.4	41.9	42.3	3.9	4.0	3.7	4.1	-
Metal cans and shipping containers	341	43.7	43.8	43.4	44.0	-	6.4	6.2	5.6	5.6	-
Metal cans	3411	43.8	44.2	43.1	43.7	-	6.3	6.2	5.5	5.2	-
Cutlery, handtools, and hardware	342	41.2	41.9	40.4	41.1	-	3.0	3.3	2.8	3.2	-
Hand and edge tools, and blades and handsaws	3423,5	40.7	41.3	40.2	41.0	-	2.7	2.9	2.6	3.2	-
Hardware, nec	3429	41.1	41.9	40.2	40.9	-	2.9	3.3	2.8	3.0	-
Plumbing and heating, except electric	343	41.7	42.0	41.3	41.4	-	3.9	3.8	3.4	3.3	-
Plumbing fixture fittings and trim	3432	43.1	43.5	40.4	40.9	-	4.6	4.8	2.8	2.9	-
Heating equipment, except electric	3433	38.7	39.9	39.0	39.2	-	2.2	2.4	1.5	1.9	-
Fabricated structural metal products	344	41.3	41.5	40.5	41.1	-	3.6	3.9	3.3	3.8	-
Fabricated structural metal	3441	41.4	41.2	41.0	41.6	-	3.9	4.0	3.8	4.2	-
Metal doors, sash, and trim	3442	41.1	40.7	39.0	40.0	-	3.6	3.7	2.3	3.0	-
Fabricated plate work (boiler shops)	3443	42.6	42.7	41.6	42.4	-	3.9	4.2	4.2	4.6	-
Sheet metal work	3444	40.6	40.9	40.0	40.3	-	3.0	3.2	2.9	3.3	-
Architectural metal work	3446	39.6	40.7	39.6	40.1	-	3.0	3.8	3.0	3.2	-
Screw machine products, bolts, etc	345	41.5	41.8	41.9	42.2	-	4.2	4.2	4.3	4.6	-
Screw machine products	3451	41.4	41.7	41.4	41.7	-	3.7	3.8	3.9	4.2	-
Bolts, nuts, rivets, and washers	3452	41.7	41.8	42.4	42.7	-	4.7	4.7	4.9	5.1	-
Metal forgings and stampings	346	42.7	42.8	42.9	43.9	-	4.4	4.5	4.4	5.3	-
Iron and steel forgings	3462	41.6	41.4	41.6	42.6	-	4.0	3.9	4.1	4.5	-
Automotive stampings	3465	44.1	44.2	44.2	45.9	-	5.1	5.2	5.0	6.8	-
Metal stampings, nec	3469	41.0	41.2	41.4	41.6	-	3.4	3.6	3.3	3.5	-
Metal services, nec	347	41.3	41.2	40.7	40.9	-	3.9	3.9	3.7	3.8	-
Plating and polishing	3471	40.8	40.7	40.2	40.6	-	3.5	3.5	3.2	3.4	-
Metal coating and allied services	3479	42.1	41.9	41.4	41.3	-	4.5	4.6	4.4	4.5	-
Ordnance and accessories, nec	348	41.6	41.9	41.7	41.4	-	3.8	3.7	3.0	3.2	-
Ammunition, except for small arms, nec	3483	41.0	41.4	41.3	40.1	-	3.3	3.4	2.6	2.5	-
Misc. fabricated metal products	349	41.7	41.8	41.6	41.7	-	3.7	3.9	3.6	3.6	-
Valves and pipe fittings, nec	3494	41.4	41.7	41.4	41.5	-	3.2	3.4	3.4	3.3	-
Misc. fabricated wire products	3496	41.3	41.4	41.2	41.2	-	3.6	3.8	3.4	3.3	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^a	June 1993 ^a	May 1992	June 1992	Apr. 1993	May 1993 ^a	June 1993 ^a
Durable goods—Continued											
Stone, clay, and glass products	32	\$11.61	\$11.62	\$11.80	\$11.82	\$11.83	\$495.75	\$497.34	\$497.96	\$509.44	\$512.24
Flat glass	321	16.39	16.62	17.22	17.37	-	729.36	756.21	764.57	800.76	-
Glass and glassware, pressed or blown	322	13.04	12.94	13.33	13.32	-	554.20	547.36	570.52	566.10	-
Glass containers	3221	13.75	13.66	13.89	13.76	-	591.25	586.01	619.49	598.56	-
Pressed and blown glass, nec	3229	12.36	12.26	12.76	12.90	-	520.36	512.47	525.71	536.64	-
Products of purchased glass	323	10.06	10.12	10.33	10.30	-	417.49	425.04	420.43	428.48	-
Cement, hydraulic	324	14.60	14.57	15.16	14.99	-	616.12	609.03	642.78	637.08	-
Structural clay products	325	9.95	9.99	10.32	10.34	-	405.96	409.59	426.22	430.14	-
Pottery and related products	326	10.07	10.04	10.10	9.93	-	407.84	409.63	425.21	415.07	-
Concrete, gypsum, and plaster products	327	11.22	11.27	11.22	11.36	-	495.92	500.39	475.73	507.79	-
Concrete block and brick	3271	10.48	10.74	10.55	10.68	-	481.03	496.19	462.09	485.94	-
Concrete products, nec	3272	10.03	10.04	10.11	10.11	-	430.29	438.75	427.65	442.82	-
Ready-mixed concrete	3273	11.99	12.04	11.88	12.07	-	534.75	530.96	496.58	504.74	-
Misc. nonmetallic mineral products	329	12.13	12.09	12.44	12.37	-	509.46	505.36	529.94	525.73	-
Abrasive products	3291	10.22	10.21	10.60	10.67	-	423.11	418.61	454.74	458.81	-
Asbestos products	3292	12.51	12.10	13.32	13.38	-	506.66	476.74	571.43	582.03	-
Primary metal industries	33	13.64	13.67	13.96	13.95	13.98	590.61	594.65	608.66	609.62	610.93
Blast furnaces and basic steel products	331	15.76	15.88	16.34	16.28	16.41	690.29	700.31	722.23	717.95	725.32
Blast furnaces and steel mills	3312	16.74	16.88	17.44	17.36	-	734.89	746.10	774.34	769.05	-
Steel pipe and tubes	3317	12.31	12.39	12.63	12.76	-	526.87	538.97	555.72	560.16	-
Iron and steel foundries	332	12.24	12.26	12.33	12.38	-	533.66	536.99	537.59	544.72	-
Gray and ductile iron foundries	3321	12.71	12.72	12.82	12.89	-	563.05	568.58	564.08	574.89	-
Malleable iron foundries	3322	12.61	12.89	13.60	13.69	-	586.37	585.21	601.12	598.25	-
Steel foundries, nec	3325	11.61	11.60	11.66	11.63	-	485.30	483.72	500.21	496.60	-
Primary nonferrous metals	333	14.77	14.71	15.09	15.06	-	643.97	634.00	647.36	644.57	-
Primary aluminum	3334	15.10	15.08	15.24	15.28	-	655.34	654.47	641.60	649.40	-
Nonferrous rolling and drawing	335	12.98	12.95	13.16	13.25	-	562.03	565.92	582.99	585.65	-
Copper rolling and drawing	3351	12.39	12.45	12.71	12.75	-	535.25	545.31	555.43	564.83	-
Aluminum sheet, plate, and foil	3353	15.53	15.45	15.59	15.77	-	694.19	695.25	737.41	744.34	-
Nonferrous wire drawing and insulating	3357	13.01	13.01	13.20	13.31	-	550.32	554.23	574.20	572.33	-
Nonferrous foundries (castings)	336	10.82	10.86	11.14	11.14	-	446.87	448.52	457.85	457.85	-
Aluminum foundries	3365	10.41	10.38	10.67	10.60	-	435.14	435.96	438.54	435.66	-
Fabricated metal products	34	11.44	11.45	11.62	11.69	11.73	478.19	479.76	481.07	489.81	496.18
Metal cans and shipping containers	341	14.89	14.90	15.11	15.03	-	650.69	652.62	655.77	661.32	-
Metal cans	3411	15.92	15.88	16.20	16.08	-	697.30	701.90	698.22	702.70	-
Cutlery, handtools, and hardware	342	11.23	11.21	11.45	11.52	-	462.68	469.70	462.58	473.47	-
Hand and edge tools, and blades and handsaws	3423,5	10.46	10.53	10.86	10.93	-	425.72	434.89	436.57	448.13	-
Hardware, nec	3429	11.40	11.34	11.46	11.52	-	468.54	475.15	460.69	471.17	-
Plumbing and heating, except electric	343	10.21	10.23	10.50	10.31	-	425.76	429.66	433.65	426.83	-
Plumbing fixture fittings and trim	3432	9.75	9.77	9.89	9.78	-	420.23	425.00	399.56	400.00	-
Heating equipment, except electric	3433	10.36	10.29	10.43	10.38	-	400.93	410.57	406.77	406.90	-
Fabricated structural metal products	344	10.65	10.64	10.86	10.89	-	439.85	441.56	439.83	447.58	-
Fabricated structural metal	3441	10.63	10.63	10.70	10.71	-	440.08	437.96	438.70	445.54	-
Metal doors, sash, and trim	3442	9.05	8.98	9.12	9.14	-	371.96	365.49	355.68	365.60	-
Fabricated plate work (boiler shops)	3443	11.73	11.73	12.33	12.34	-	499.70	500.87	512.93	523.22	-
Sheet metal work	3444	10.90	10.95	11.05	11.13	-	442.54	447.86	442.00	448.54	-
Architectural metal work	3446	10.18	10.17	10.20	10.16	-	403.13	413.92	403.92	407.42	-
Screw machine products, bolts, etc	345	11.44	11.36	11.52	11.54	-	474.76	474.85	482.69	486.99	-
Screw machine products	3451	10.57	10.55	10.70	10.73	-	437.60	439.94	442.98	447.44	-
Bolts, nuts, rivets, and washers	3452	12.41	12.26	12.44	12.45	-	517.50	512.47	527.46	531.62	-
Metal forgings and stampings	346	13.69	13.70	13.82	14.07	-	584.56	586.36	592.88	617.67	-
Iron and steel forgings	3462	13.57	13.58	13.55	13.68	-	564.51	562.21	563.68	582.77	-
Automotive stampings	3465	15.62	15.65	15.79	16.18	-	688.84	691.73	697.92	742.66	-
Metal stampings, nec	3469	10.83	10.79	10.96	10.99	-	444.03	444.55	453.74	457.18	-
Metal services, nec	347	9.43	9.47	9.62	9.64	-	389.46	390.16	391.53	394.28	-
Plating and polishing	3471	9.36	9.44	9.62	9.63	-	381.89	384.21	386.72	390.98	-
Metal coating and allied services	3479	9.55	9.52	9.63	9.65	-	402.06	398.89	398.68	398.55	-
Ordnance and accessories, nec	348	12.58	12.65	13.08	13.35	-	523.33	530.04	545.44	552.69	-
Ammunition, except for small arms, nec	3483	12.45	12.59	13.12	13.58	-	510.45	521.23	541.86	544.56	-
Misc. fabricated metal products	349	10.66	10.68	10.77	10.78	-	444.52	446.42	448.03	449.53	-
Valves and pipe fittings, nec	3494	11.40	11.38	11.24	11.19	-	471.96	474.55	465.34	464.39	-
Misc. fabricated wire products	3496	9.33	9.33	9.60	9.62	-	385.33	386.26	395.52	396.34	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Durable goods—Continued											
Industrial machinery and equipment	35	42.3	42.2	42.5	42.9	42.8	4.0	4.0	4.4	4.5	-
Engines and turbines	351	44.0	44.2	44.3	44.3	-	5.1	5.2	5.2	4.8	-
Turbines and turbine generator sets	3511	43.2	43.9	43.2	43.7	-	4.5	5.5	4.7	4.9	-
Internal combustion engines, nec	3519	44.3	44.3	44.8	44.5	-	5.4	5.1	5.4	4.7	-
Farm and garden machinery	352	40.5	40.5	42.4	42.3	-	3.1	2.7	4.3	4.1	-
Farm machinery and equipment	3523	40.1	40.8	43.9	42.8	-	2.8	3.0	4.6	3.9	-
Construction and related machinery	353	43.4	43.4	43.2	43.6	-	4.1	4.0	4.7	4.8	-
Construction machinery	3531	44.0	44.1	44.3	44.2	-	3.8	3.7	5.2	5.0	-
Mining machinery	3532	40.3	40.6	40.3	40.8	-	3.5	3.6	3.8	3.7	-
Oil and gas field machinery	3533	45.2	45.4	45.4	45.9	-	5.2	5.0	5.5	6.0	-
Conveyors and conveying equipment	3535	43.0	42.9	42.8	42.9	-	4.7	4.6	5.0	4.9	-
Industrial trucks and tractors	3537	40.1	40.1	39.6	40.8	-	3.1	3.1	2.7	3.3	-
Metalworking machinery	354	42.6	42.7	43.1	43.3	-	4.5	4.6	5.0	5.2	-
Machine tools, metal cutting types	3541	41.6	42.1	42.4	42.9	-	3.7	3.9	4.2	4.3	-
Machine tools, metal forming types	3542	42.4	41.7	43.1	43.8	-	3.9	3.4	4.5	4.9	-
Special dies, tools, jigs, and fixtures	3544	43.1	43.2	43.8	43.8	-	5.3	5.4	6.0	6.1	-
Machine tool accessories	3545	42.5	42.4	42.2	42.1	-	3.8	4.0	3.6	3.7	-
Power driven handtools	3546	41.8	41.7	42.0	44.3	-	3.3	3.0	3.0	4.3	-
Special industry machinery	355	41.7	41.9	42.1	42.5	-	3.8	3.9	4.3	4.5	-
Textile machinery	3552	41.9	42.6	42.4	42.4	-	3.7	3.9	4.3	4.1	-
Printing trades machinery	3555	39.3	40.0	40.6	40.6	-	2.9	3.2	4.4	3.9	-
Food products machinery	3556	41.5	41.9	41.8	42.0	-	3.8	4.2	3.9	4.3	-
General industrial machinery	356	42.2	41.8	42.5	42.7	-	3.9	4.0	4.4	4.3	-
Pumps and pumping equipment	3561	41.2	41.5	41.6	42.2	-	3.5	3.7	3.7	4.1	-
Ball and roller bearings	3562	42.7	42.2	43.4	43.4	-	4.4	4.5	5.7	5.3	-
Air and gas compressors	3563	44.2	43.2	43.3	43.1	-	5.0	4.5	4.5	4.3	-
Blowers and fans	3564	40.8	40.0	40.8	41.3	-	3.0	3.6	3.1	3.4	-
Speed changers, drives, and gears	3566	43.6	42.2	43.6	43.6	-	5.7	4.8	5.7	5.9	-
Power transmission equipment, nec	3568	42.2	41.7	42.9	42.6	-	4.1	4.1	4.6	3.9	-
Computer and office equipment	357	41.6	42.0	41.1	41.9	-	2.6	2.9	2.8	3.0	-
Electronic computers	3571	40.7	40.7	40.9	41.5	-	2.4	2.7	2.6	2.6	-
Computer terminals, calculators, and office machines, nec	3575,8,9	41.7	42.0	41.0	41.3	-	3.2	3.8	2.5	3.0	-
Refrigeration and service machinery	358	42.2	41.5	42.4	43.1	-	4.1	3.7	3.9	4.2	-
Refrigeration and heating equipment	3585	42.8	41.9	43.0	43.8	-	4.6	3.9	4.4	4.6	-
Misc. industrial and commercial machinery	359	42.1	42.2	42.3	42.5	-	4.2	4.4	4.5	4.6	-
Carburetors, pistons, rings, valves	3592	42.5	42.1	42.5	42.7	-	4.3	4.3	4.8	4.9	-
Scales, balances, and industrial machinery, nec	3596,9	42.1	42.3	42.4	42.6	-	4.3	4.5	4.6	4.8	-
Electronic and other electrical equipment	36	41.2	41.3	41.2	41.5	41.6	3.4	3.4	3.5	3.6	-
Electric distribution equipment	361	41.6	41.7	41.0	41.6	-	3.4	3.5	3.1	3.6	-
Transformers, except electronic	3612	40.4	40.5	40.4	41.0	-	3.2	3.3	3.1	3.6	-
Switchgear and switchboard apparatus	3613	42.9	42.8	41.7	42.2	-	3.5	3.6	3.2	3.6	-
Electrical industrial apparatus	362	42.7	42.4	42.0	42.0	-	3.4	3.6	3.4	3.3	-
Motors and generators	3621	43.1	42.8	42.1	42.2	-	3.6	3.8	3.6	3.5	-
Relays and industrial controls	3625	41.5	41.5	41.3	41.4	-	2.7	2.9	2.8	2.7	-
Household appliances	363	40.3	40.6	40.2	40.1	-	2.9	2.9	3.4	2.8	-
Household refrigerators and freezers	3632	39.6	40.0	42.4	39.8	-	2.9	2.6	5.4	2.1	-
Household laundry equipment	3633	40.3	39.9	39.8	40.0	-	1.9	1.7	1.9	1.8	-
Electric housewares and fans	3634	41.7	41.7	39.5	40.4	-	3.2	3.2	2.6	3.3	-
Electric lighting and wiring equipment	364	40.6	40.9	40.4	41.0	-	3.1	3.2	3.1	3.3	-
Electric lamps	3641	42.0	42.1	42.8	44.4	-	3.3	3.6	3.5	4.0	-
Current-carrying wiring devices	3643	40.0	40.0	40.4	40.0	-	2.9	2.6	3.1	2.9	-
Noncurrent-carrying wiring devices	3644	42.1	43.6	40.5	41.0	-	3.3	3.9	2.1	2.1	-
Residential lighting fixtures	3645	37.7	37.5	38.4	37.8	-	2.3	2.1	1.9	1.9	-
Household audio and video equipment	365	41.1	41.2	40.7	41.5	-	3.4	3.7	3.6	3.9	-
Household audio and video equipment	3651	40.8	41.1	40.2	40.7	-	3.0	3.3	2.5	2.9	-
Communications equipment	366	41.2	41.6	42.2	42.1	-	3.6	3.3	3.1	3.1	-
Telephone and telegraph apparatus	3661	42.3	42.2	43.7	43.3	-	4.6	4.0	3.8	3.5	-
Electronic components and accessories	367	40.9	40.9	41.3	41.6	-	3.5	3.6	3.8	4.0	-
Electron tubes	3671	40.6	40.6	42.7	41.7	-	3.3	3.6	3.6	3.6	-
Semiconductors and related devices	3674	42.3	42.2	42.5	43.1	-	4.5	4.5	4.7	5.0	-
Electronic components, nec	3679	39.6	39.6	39.9	39.9	-	2.5	2.7	3.0	3.2	-
Misc. electrical equipment and supplies	369	41.7	42.2	41.4	42.1	-	3.4	3.6	3.6	4.2	-
Storage batteries	3691	42.7	43.3	41.5	43.0	-	2.7	3.1	3.3	3.6	-
Engine electrical equipment	3694	42.0	42.6	41.8	42.6	-	3.8	4.0	4.1	5.1	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Durable goods—Continued											
Industrial machinery and equipment	35	\$12.36	\$12.42	\$12.65	\$12.64	\$12.68	\$522.83	\$524.12	\$537.63	\$542.26	\$542.70
Engines and turbines	351	15.53	15.69	16.08	15.98	-	683.32	693.50	712.34	707.91	-
Turbines and turbine generator sets	3511	15.76	16.08	16.45	16.51	-	680.83	705.91	710.64	721.49	-
Internal combustion engines, nec	3519	15.43	15.52	15.93	15.76	-	683.55	687.54	713.66	701.32	-
Farm and garden machinery	352	11.45	11.63	12.00	11.95	-	463.73	471.02	508.80	505.49	-
Farm machinery and equipment	3523	12.61	12.65	13.06	13.04	-	505.66	516.12	573.33	558.11	-
Construction and related machinery	353	12.58	12.69	12.76	12.85	-	545.97	550.75	551.23	560.26	-
Construction machinery	3531	14.00	14.19	14.24	14.28	-	616.00	625.78	630.83	631.18	-
Mining machinery	3532	12.68	12.69	12.95	12.90	-	511.00	515.21	521.89	526.32	-
Oil and gas field machinery	3533	11.46	11.54	11.40	11.67	-	517.99	523.92	517.56	535.65	-
Conveyors and conveying equipment	3535	11.57	11.60	11.74	11.73	-	497.51	497.64	502.47	503.22	-
Industrial trucks and tractors	3537	10.99	11.00	11.03	11.30	-	440.70	441.10	436.79	461.04	-
Metalworking machinery	354	12.88	12.92	13.24	13.22	-	548.69	551.68	570.64	572.43	-
Machine tools, metal cutting types	3541	13.33	13.31	13.54	13.56	-	554.53	560.35	574.10	581.72	-
Machine tools, metal forming types	3542	12.91	12.87	13.31	13.41	-	547.38	536.68	573.66	587.36	-
Special dies, tools, jigs, and fixtures	3544	13.36	13.41	13.83	13.77	-	575.82	579.31	605.75	603.13	-
Machine tool accessories	3545	11.50	11.52	11.64	11.75	-	488.75	488.45	491.21	494.68	-
Power driven handtools	3546	10.60	10.59	10.89	10.76	-	443.08	441.60	457.38	476.67	-
Special industry machinery	355	12.63	12.66	13.00	13.06	-	526.67	530.45	547.30	555.05	-
Textile machinery	3552	10.71	10.78	11.10	11.13	-	448.75	459.23	470.64	471.91	-
Printing trades machinery	3555	14.32	14.38	14.64	14.52	-	562.78	575.20	594.38	589.51	-
Food products machinery	3556	12.46	12.59	12.64	12.65	-	517.09	527.52	528.35	531.30	-
General industrial machinery	356	12.08	12.10	12.34	12.39	-	509.78	505.78	524.45	529.05	-
Pumps and pumping equipment	3561	12.93	12.82	13.02	13.09	-	532.72	532.03	541.63	552.40	-
Ball and roller bearings	3562	13.18	13.22	13.46	13.53	-	562.79	557.88	584.16	587.20	-
Air and gas compressors	3563	12.13	12.01	12.45	12.40	-	536.15	518.83	539.09	534.44	-
Blowers and fans	3564	10.26	10.48	10.40	10.47	-	418.61	419.20	424.32	432.41	-
Speed changers, drives, and gears	3566	12.74	12.53	13.14	13.34	-	555.46	528.77	572.90	581.62	-
Power transmission equipment, nec	3568	11.83	11.72	12.05	12.20	-	499.23	488.72	516.95	519.72	-
Computer and office equipment	357	12.24	12.44	12.53	12.34	-	509.18	522.48	514.98	517.05	-
Electronic computers	3571	12.90	13.35	13.76	13.39	-	525.03	543.35	562.78	555.69	-
Computer terminals, calculators, and office machines, nec	3575,8,9	12.46	12.58	12.26	12.37	-	519.58	528.36	502.66	510.88	-
Refrigeration and service machinery	358	11.25	11.21	11.45	11.41	-	474.75	465.22	485.48	491.77	-
Refrigeration and heating equipment	3585	11.36	11.30	11.65	11.53	-	486.21	473.47	500.95	505.01	-
Misc. industrial and commercial machinery	359	11.94	11.92	12.12	12.15	-	502.67	503.02	512.68	516.38	-
Carburetors, pistons, rings, valves	3592	12.82	12.87	13.28	13.32	-	544.85	541.83	564.40	568.76	-
Scales, balances, and industrial machinery, nec	3596,9	11.61	11.59	11.80	11.83	-	488.78	490.26	500.32	503.96	-
Electronic and other electrical equipment	36	10.98	11.05	11.14	11.15	11.22	452.38	456.37	458.97	462.73	466.75
Electric distribution equipment	361	10.79	10.84	10.76	10.83	-	448.86	452.03	441.16	450.53	-
Transformers, except electronic	3612	10.42	10.40	10.05	10.12	-	420.97	421.20	406.02	414.92	-
Switchgear and switchboard apparatus	3613	11.14	11.28	11.50	11.56	-	477.91	482.78	479.55	487.83	-
Electrical industrial apparatus	362	10.36	10.40	10.56	10.53	-	442.37	440.96	443.52	442.26	-
Motors and generators	3621	9.94	10.00	9.94	9.91	-	428.41	428.00	418.47	418.20	-
Relays and industrial controls	3625	11.07	11.11	11.75	11.69	-	459.41	461.07	485.28	483.97	-
Household appliances	363	10.52	10.51	10.49	10.27	-	423.96	426.71	421.70	411.83	-
Household refrigerators and freezers	3632	11.70	11.48	11.76	11.29	-	463.32	459.20	498.62	449.34	-
Household laundry equipment	3633	12.75	12.70	12.58	12.60	-	513.83	506.73	500.68	504.00	-
Electric housewares and fans	3634	7.79	7.75	8.15	8.09	-	324.84	323.18	321.93	326.84	-
Electric lighting and wiring equipment	364	10.89	10.89	10.96	11.06	-	442.13	445.40	442.78	453.46	-
Electric lamps	3641	12.27	12.33	11.61	11.46	-	515.34	519.09	496.91	508.82	-
Current-carrying wiring devices	3643	10.62	10.57	10.96	10.89	-	424.80	422.80	442.78	435.60	-
Noncurrent-carrying wiring devices	3644	10.13	10.18	10.44	10.54	-	426.47	443.85	422.82	432.14	-
Residential lighting fixtures	3645	8.35	8.34	8.25	8.33	-	314.80	312.75	316.80	314.87	-
Household audio and video equipment	365	11.06	11.04	10.81	10.91	-	454.57	454.85	439.97	452.77	-
Household audio and video equipment	3651	11.50	11.28	11.08	11.24	-	469.20	463.61	445.42	457.47	-
Communications equipment	366	11.56	11.52	11.57	11.58	-	476.27	479.23	488.25	487.52	-
Telephone and telegraph apparatus	3661	12.30	12.25	12.32	12.33	-	520.29	516.95	538.38	533.89	-
Electronic components and accessories	367	10.76	10.96	11.15	11.14	-	440.08	448.26	460.50	463.42	-
Electron tubes	3671	12.12	12.46	13.21	13.14	-	492.07	505.88	564.07	547.94	-
Semiconductors and related devices	3674	13.51	13.95	14.21	14.13	-	571.47	588.69	603.93	609.00	-
Electronic components, nec	3679	9.53	9.64	9.46	9.51	-	377.39	381.74	377.45	379.45	-
Misc. electrical equipment and supplies	369	12.15	12.22	12.44	12.59	-	506.66	515.68	515.02	530.04	-
Storage batteries	3691	12.70	12.88	13.55	13.43	-	542.29	557.70	562.33	577.49	-
Engine electrical equipment	3694	12.88	12.93	13.17	13.55	-	540.96	550.82	550.51	577.23	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Durable goods—Continued											
Transportation equipment	37	42.3	42.4	42.2	43.1	43.1	4.1	4.2	4.2	5.0	-
Motor vehicles and equipment	371	43.6	43.7	43.7	44.8	44.8	4.9	5.1	5.1	6.3	-
Motor vehicles and car bodies	3711	42.6	42.7	42.8	44.5	-	4.0	4.0	4.4	6.4	-
Truck and bus bodies	3713	42.6	43.1	43.9	44.4	-	3.9	4.5	4.7	5.0	-
Motor vehicle parts and accessories	3714	44.5	44.6	44.5	45.4	-	5.8	5.9	5.7	6.7	-
Truck trailers	3715	42.5	42.3	42.8	42.3	-	3.9	4.7	4.5	4.3	-
Aircraft and parts	372	41.4	41.7	40.5	41.2	-	3.4	3.6	3.2	3.6	-
Aircraft	3721	41.4	41.5	40.1	40.5	-	3.4	3.6	3.2	3.4	-
Aircraft engines and engine parts	3724	42.1	42.7	40.8	42.1	-	4.2	4.6	3.5	4.1	-
Aircraft parts and equipment, nec	3728	41.0	41.3	40.8	41.8	-	2.9	2.9	3.1	3.4	-
Ship and boat building and repairing	373	40.0	40.0	39.5	39.5	-	3.0	3.0	2.4	2.7	-
Ship building and repairing	3731	40.1	40.1	39.5	39.6	-	3.0	3.2	2.2	2.5	-
Boat building and repairing	3732	39.7	39.6	39.5	39.4	-	3.0	2.5	2.6	3.3	-
Railroad equipment	374	41.8	40.0	42.0	42.0	-	2.5	1.7	3.3	3.1	-
Guided missiles, space vehicles, and parts	376	40.9	41.2	40.1	41.0	-	2.7	3.1	2.4	2.7	-
Guided missiles and space vehicles	3761	40.7	41.1	39.6	41.4	-	3.1	3.6	2.7	3.2	-
Misc. transportation equipment	379	39.8	38.9	39.7	40.1	-	3.2	2.7	3.1	3.1	-
Travel trailers and campers	3792	39.3	37.6	38.8	38.8	-	2.5	1.8	1.9	2.0	-
Instruments and related products	38	41.0	41.3	40.9	41.0	41.4	2.7	2.8	2.7	2.6	-
Search and navigation equipment	381	40.5	40.7	40.2	40.9	-	1.9	2.1	1.6	1.8	-
Measuring and controlling devices	382	41.1	41.1	40.8	41.0	-	2.4	2.6	2.3	2.3	-
Environmental controls	3822	40.1	40.2	40.7	40.2	-	2.5	2.6	2.9	2.6	-
Process control instruments	3823	41.1	40.8	40.6	41.1	-	2.5	2.5	2.0	2.3	-
Instruments to measure electricity	3825	41.1	40.9	41.1	42.0	-	2.1	2.1	1.9	1.9	-
Medical instruments and supplies	384	40.8	41.5	41.0	40.8	-	3.0	3.2	3.0	2.6	-
Surgical and medical instruments	3841	40.8	42.1	42.6	42.0	-	3.1	3.5	3.8	3.0	-
Surgical appliances and supplies	3842	40.6	40.4	39.5	39.6	-	2.9	2.7	2.5	2.4	-
Ophthalmic goods	385	39.6	39.3	39.5	39.6	-	2.4	2.4	2.5	2.5	-
Photographic equipment and supplies	386	43.4	43.6	42.8	42.8	-	4.1	4.2	4.4	4.8	-
Watches, clocks, watchcases, and parts	387	39.9	39.6	40.1	41.6	-	1.8	1.5	2.2	2.4	-
Miscellaneous manufacturing industries	39	39.8	40.0	39.8	39.6	39.5	2.6	2.6	2.6	2.6	-
Jewelry, silverware, and plated ware	391	38.0	38.5	38.0	37.6	-	1.4	1.6	1.6	1.5	-
Jewelry, precious metal	3911	37.7	38.3	37.5	37.1	-	1.4	1.5	1.5	1.4	-
Musical instruments	393	40.1	40.2	39.6	39.7	-	2.0	2.3	1.9	2.1	-
Toys and sporting goods	394	40.1	39.9	40.3	40.2	-	2.8	2.8	2.9	2.9	-
Dolls, games, toys, and children's vehicles	3942,4	39.0	38.8	38.5	38.8	-	2.1	2.1	2.0	2.1	-
Sporting and athletic goods, nec	3949	40.8	40.6	41.3	41.0	-	3.3	3.2	3.4	3.4	-
Pens, pencils, office, and art supplies	395	41.3	41.2	39.8	40.0	-	3.4	3.0	2.3	2.8	-
Costume jewelry and notions	396	40.1	41.2	40.4	40.3	-	2.6	2.8	2.8	2.4	-
Costume jewelry	3961	39.4	41.0	40.4	39.4	-	2.1	2.1	2.6	1.4	-
Miscellaneous manufactures	399	39.9	40.0	39.9	39.7	-	2.7	2.8	2.9	2.7	-
Signs and advertising specialties	3993	39.8	39.8	40.1	39.9	-	3.1	2.9	3.3	2.9	-
Nondurable goods		40.4	40.5	40.1	40.4	40.6	3.8	3.9	3.7	3.7	3.9
Food and kindred products	20	40.3	40.3	39.8	40.2	40.5	4.3	4.4	4.0	4.1	-
Meat products	201	39.7	39.8	38.7	39.4	-	4.0	3.9	3.4	3.6	-
Meat packing plants	2011	41.0	40.3	39.8	40.2	-	4.4	4.3	4.2	4.0	-
Sausages and other prepared meats	2013	41.7	41.6	40.5	41.7	-	5.1	5.0	4.4	4.8	-
Poultry slaughtering and processing	2015	38.3	38.8	37.5	38.1	-	3.3	3.3	2.6	3.0	-
Dairy products	202	41.8	41.8	42.2	42.0	-	4.7	4.7	4.6	4.6	-
Cheese, natural and processed	2022	40.2	39.7	40.7	39.9	-	4.1	3.5	3.8	3.1	-
Fluid milk	2026	42.6	42.6	42.3	42.3	-	4.5	4.5	4.2	4.5	-
Preserved fruits and vegetables	203	39.9	39.1	39.6	39.6	-	3.8	4.4	3.9	3.9	-
Canned specialties	2032	44.2	45.1	43.1	43.8	-	7.0	7.5	5.9	5.8	-
Canned fruits and vegetables	2033	40.2	37.4	40.0	39.6	-	3.6	3.9	3.6	3.8	-
Frozen fruits and vegetables	2037	37.9	38.9	39.7	39.9	-	2.7	3.8	4.1	4.1	-
Grain mill products	204	44.2	43.9	43.8	43.5	-	6.4	6.3	6.1	5.9	-
Flour and other grain mill products	2041	46.9	47.0	46.6	45.6	-	6.2	6.1	6.5	6.0	-
Prepared feeds, nec	2048	43.3	43.5	43.3	43.0	-	5.8	5.9	5.6	5.3	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Durable goods—Continued											
Transportation equipment	37	\$15.23	\$15.25	\$15.69	\$15.79	\$15.75	\$644.23	\$646.60	\$662.12	\$680.55	\$678.83
Motor vehicles and equipment	371	15.61	15.57	16.00	16.09	16.02	680.60	680.41	699.20	720.83	717.70
Motor vehicles and car bodies	3711	18.44	18.42	19.32	19.35	-	785.54	786.53	826.90	861.08	-
Truck and bus bodies	3713	13.60	13.60	14.18	13.91	-	579.36	586.16	622.50	617.60	-
Motor vehicle parts and accessories	3714	14.38	14.39	14.63	14.77	-	639.91	641.79	651.04	670.56	-
Truck trailers	3715	9.75	9.79	9.64	9.73	-	414.38	414.12	412.59	411.58	-
Aircraft and parts	372	16.40	16.50	17.10	17.22	-	678.96	688.05	692.55	709.46	-
Aircraft	3721	(?)	(?)	(?)	(?)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$16.16	\$16.31	\$16.51	\$16.69	-	\$680.34	\$696.44	\$673.61	\$702.65	-
Aircraft parts and equipment, nec	3728	14.82	14.84	15.79	15.95	-	607.62	612.89	644.23	666.71	-
Ship and boat building and repairing	373	11.79	11.91	12.21	12.32	-	471.60	476.40	482.30	486.64	-
Ship building and repairing	3731	12.68	12.84	13.32	13.45	-	508.47	514.88	526.14	532.62	-
Boat building and repairing	3732	9.51	9.53	9.72	9.81	-	377.55	377.39	383.94	386.51	-
Railroad equipment	374	14.18	13.96	14.83	14.83	-	592.72	558.40	622.86	622.86	-
Guided missiles, space vehicles, and parts	376	15.77	15.81	16.54	16.57	-	644.99	651.37	663.25	679.37	-
Guided missiles and space vehicles	3761	(?)	(?)	(?)	(?)	-	-	-	-	-	-
Misc. transportation equipment	379	\$11.04	\$10.86	\$11.33	\$11.35	-	\$439.39	\$422.45	\$449.80	\$455.14	-
Travel trailers and campers	3792	10.14	9.91	10.94	11.20	-	398.50	372.62	424.47	434.56	-
Instruments and related products	38	11.82	11.86	12.21	12.21	12.12	484.62	489.82	499.39	500.61	501.77
Search and navigation equipment	381	15.37	15.46	16.01	16.06	-	622.49	629.22	643.60	656.85	-
Measuring and controlling devices	382	11.43	11.48	12.03	12.07	-	469.77	471.83	490.82	494.87	-
Environmental controls	3822	9.98	9.99	10.50	10.62	-	400.20	401.60	427.35	426.92	-
Process control instruments	3823	11.49	11.46	11.74	11.75	-	472.24	467.57	476.64	482.93	-
Instruments to measure electricity	3825	11.73	11.86	13.20	13.23	-	482.10	485.07	542.52	555.66	-
Medical instruments and supplies	384	10.54	10.47	10.87	10.87	-	430.03	434.51	445.67	443.50	-
Surgical and medical instruments	3841	10.85	10.69	10.91	10.82	-	442.68	450.05	464.77	454.44	-
Surgical appliances and supplies	3842	9.91	9.92	10.08	10.10	-	402.35	400.77	398.16	399.96	-
Ophthalmic goods	385	8.43	8.54	8.66	8.65	-	333.83	335.62	342.07	342.54	-
Photographic equipment and supplies	386	14.18	14.60	14.57	14.61	-	615.41	636.56	623.60	625.31	-
Watches, clocks, watchcases, and parts	387	8.00	8.05	8.22	8.07	-	319.20	318.78	329.62	335.71	-
Miscellaneous manufacturing industries	39	9.11	9.13	9.34	9.32	9.35	362.58	365.20	371.73	369.07	369.33
Jewelry, silverware, and plated ware	391	9.49	9.44	9.70	9.68	-	360.62	363.44	368.60	363.97	-
Jewelry, precious metal	3911	9.43	9.38	9.64	9.60	-	355.51	359.25	361.50	356.16	-
Musical instruments	393	8.85	8.86	9.03	8.77	-	354.89	356.17	357.59	348.17	-
Toys and sporting goods	394	8.51	8.58	8.78	8.79	-	341.25	342.34	353.83	353.36	-
Dolls, games, toys, and children's vehicles	3942,4	8.26	8.26	8.63	8.59	-	322.14	320.49	332.26	333.29	-
Sporting and athletic goods, nec	3949	8.66	8.76	8.86	8.90	-	353.33	355.66	365.92	364.90	-
Pens, pencils, office, and art supplies	395	9.89	9.89	10.32	10.30	-	408.46	407.47	410.74	412.00	-
Costume jewelry and notions	396	7.95	7.86	7.89	8.02	-	318.80	323.83	318.76	323.21	-
Costume jewelry	3961	7.06	6.92	6.86	7.01	-	278.16	283.72	277.14	276.19	-
Miscellaneous manufactures	399	9.59	9.61	9.83	9.78	-	382.64	384.40	392.22	388.27	-
Signs and advertising specialties	3993	9.91	9.82	10.11	9.99	-	394.42	390.84	405.41	398.60	-
Nondurable goods		10.72	10.71	10.99	10.96	10.98	433.09	433.76	440.70	442.78	445.79
Food and kindred products	20	10.24	10.21	10.45	10.46	10.45	412.67	411.46	415.91	420.49	423.23
Meat products	201	8.29	8.30	8.41	8.43	-	329.11	330.34	325.47	332.14	-
Meat packing plants	2011	9.11	9.17	9.18	9.18	-	373.51	369.55	365.36	369.04	-
Sausages and other prepared meats	2013	9.64	9.59	9.87	9.89	-	401.99	398.94	399.74	412.41	-
Poultry slaughtering and processing	2015	7.23	7.23	7.39	7.40	-	276.91	280.52	277.13	281.94	-
Dairy products	202	11.34	11.29	11.58	11.67	-	474.01	471.92	488.68	490.14	-
Cheese, natural and processed	2022	10.26	10.16	10.39	10.44	-	412.45	403.35	422.87	416.56	-
Fluid milk	2026	11.96	11.96	12.22	12.35	-	509.50	509.50	516.91	522.41	-
Preserved fruits and vegetables	203	9.73	9.71	10.11	10.10	-	388.23	379.66	400.36	399.96	-
Canned specialties	2032	12.91	13.09	13.20	13.10	-	570.62	590.36	568.92	573.78	-
Canned fruits and vegetables	2033	10.10	10.16	10.61	10.50	-	406.02	379.98	424.40	415.80	-
Frozen fruits and vegetables	2037	8.75	8.64	8.99	9.06	-	331.63	336.10	356.90	361.49	-
Grain mill products	204	12.45	12.39	12.57	12.57	-	550.29	543.92	550.57	546.80	-
Flour and other grain mill products	2041	11.06	11.05	10.80	10.82	-	518.71	519.35	503.28	493.39	-
Prepared feeds, nec	2048	9.71	9.73	10.07	10.09	-	420.44	423.26	436.03	433.87	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	39.2	39.6	39.3	39.6	-	4.0	4.0	4.3	4.5	-
Bread, cake, and related products	2051	39.2	39.2	39.2	39.6	-	4.3	4.4	4.3	4.8	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	39.2	40.4	39.5	39.5	-	3.3	3.4	4.1	3.9	-
Sugar and confectionery products	206	39.4	39.9	39.1	39.0	-	3.1	3.3	3.0	2.6	-
Raw cane sugar	2061	38.6	40.1	42.0	40.7	-	3.3	4.1	5.4	3.3	-
Cane sugar refining	2062	44.2	44.8	44.3	42.4	-	5.6	6.9	6.1	4.8	-
Beet sugar	2063	41.9	41.5	40.5	39.6	-	4.2	3.6	5.0	2.7	-
Candy and other confectionery products	2064	38.5	38.5	37.6	37.8	-	2.9	2.7	2.1	2.0	-
Fats and oils	207	43.4	43.5	43.8	43.1	-	5.4	5.5	5.4	4.9	-
Beverages	208	42.6	42.7	41.3	42.1	-	5.6	5.5	4.7	5.3	-
Malt beverages	2082	44.0	43.7	42.5	42.6	-	7.6	7.6	7.0	7.0	-
Bottled and canned soft drinks	2086	42.8	42.6	40.8	42.4	-	5.8	5.4	4.5	5.4	-
Misc. food and kindred products	209	38.6	39.1	37.9	39.3	-	4.0	4.2	3.4	4.0	-
Tobacco products	21	38.1	39.4	35.5	37.0	37.9	1.4	2.6	1.8	1.5	-
Cigarettes	211	37.8	39.3	35.0	37.0	-	1.3	2.8	2.0	1.3	-
Textile mill products	22	41.3	41.8	41.1	41.6	41.8	4.4	4.7	4.5	4.5	-
Broadwoven fabric mills, cotton	221	42.0	42.3	40.7	41.0	-	6.1	6.4	5.3	5.1	-
Broadwoven fabric mills, synthetics	222	41.0	41.6	42.2	41.8	-	3.9	4.1	4.4	4.1	-
Broadwoven fabric mills, wool	223	42.2	43.3	44.2	44.0	-	5.0	6.1	6.7	6.7	-
Narrow fabric mills	224	39.4	40.6	40.3	40.5	-	2.8	3.5	2.7	2.8	-
Knitting mills	225	39.8	40.6	38.8	39.9	-	3.4	3.8	3.0	3.2	-
Women's hosiery, except socks	2251	38.8	39.4	36.0	37.1	-	2.8	3.1	1.7	2.4	-
Hosiery, nec	2252	38.4	39.6	38.2	39.1	-	2.6	3.3	2.8	3.2	-
Knit outerwear mills	2253	39.9	40.6	36.9	39.2	-	3.9	4.0	2.4	2.3	-
Knit underwear mills	2254	39.8	40.0	39.1	40.0	-	2.0	2.4	1.5	1.8	-
Weft knit fabric mills	2257	41.4	41.5	41.6	41.6	-	4.7	4.8	4.9	4.9	-
Textile finishing, except wool	226	43.3	44.0	44.2	43.6	-	5.8	6.3	6.6	5.9	-
Finishing plants, cotton	2261	42.5	43.4	44.8	43.3	-	5.2	6.0	7.1	5.5	-
Finishing plants, synthetics	2262	43.1	43.9	43.0	43.1	-	6.0	6.5	5.5	5.4	-
Carpets and rugs	227	42.7	42.9	43.5	43.9	-	4.8	5.0	6.1	6.0	-
Yarn and thread mills	228	41.6	41.6	40.8	41.6	-	4.4	4.4	4.2	4.7	-
Yarn spinning mills	2281	42.0	42.1	41.1	42.0	-	4.5	4.6	4.2	4.7	-
Throwing and winding mills	2282	38.0	37.8	38.2	38.7	-	2.8	2.8	3.8	4.0	-
Miscellaneous textile goods	229	42.6	43.1	43.2	43.5	-	4.2	4.7	4.7	4.8	-
Apparel and other textile products	23	37.2	37.6	36.5	37.3	37.5	1.8	2.0	1.5	1.8	-
Men's and boys' suits and coats	231	36.4	37.0	36.0	36.7	-	.6	.9	.8	1.0	-
Men's and boys' furnishings	232	37.1	37.5	36.0	36.9	-	1.6	1.8	1.3	1.4	-
Men's and boys' shirts	2321	37.0	38.0	35.7	36.1	-	1.3	1.7	.9	1.0	-
Men's and boys' trousers and slacks	2325	36.8	36.8	35.6	36.4	-	1.7	1.7	1.5	1.6	-
Men's and boys' work clothing	2326	36.3	36.4	35.7	37.1	-	1.5	1.8	1.1	1.4	-
Women's and misses' outerwear	233	36.2	36.5	35.8	36.4	-	1.7	1.8	1.5	1.6	-
Women's and misses' blouses and shirts	2331	35.8	36.2	35.5	35.8	-	1.0	1.1	.9	1.0	-
Women's, juniors', and misses' dresses	2335	35.7	36.4	34.9	36.7	-	2.0	2.1	1.8	1.8	-
Women's and misses' suits and coats	2337	35.4	36.2	35.7	36.5	-	1.8	1.9	1.4	1.5	-
Women's and misses' outerwear, nec	2339	36.5	36.7	36.1	36.4	-	1.8	1.9	1.5	1.6	-
Women's and children's undergarments	234	37.5	37.9	37.1	38.3	-	1.7	2.0	1.5	2.0	-
Women's and children's underwear	2341	37.7	38.4	37.5	38.7	-	1.7	2.0	1.4	2.0	-
Brassieres, girdles, and allied garments	2342	36.3	35.6	35.5	36.8	-	1.9	2.0	1.7	1.8	-
Girls' and children's outerwear	236	37.1	37.6	35.0	37.3	-	1.6	2.0	1.0	1.6	-
Girls' and children's dresses and blouses	2361	35.7	36.9	34.4	36.5	-	1.2	1.8	1.3	1.6	-
Misc. apparel and accessories	238	37.4	37.7	36.7	37.3	-	2.0	1.8	1.4	1.8	-
Misc. fabricated textile products	239	39.0	39.2	38.4	38.8	-	2.8	2.9	2.4	2.7	-
Curtains and draperies	2391	37.3	36.8	38.0	37.7	-	1.9	1.7	2.2	1.9	-
House furnishings, nec	2392	37.9	38.6	37.7	37.3	-	2.2	2.6	2.1	2.1	-
Automotive and apparel trimmings	2396	40.6	41.0	39.6	40.0	-	3.8	4.1	2.6	3.0	-
Paper and allied products	26	43.6	43.8	43.4	43.5	43.6	5.2	5.2	5.4	5.1	-
Paper mills	262	45.2	45.5	45.8	45.6	-	6.3	6.0	6.8	6.4	-
Paperboard mills	263	45.3	45.6	45.2	45.2	-	7.2	7.1	7.0	6.8	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^a	June 1993 ^a	May 1992	June 1992	Apr. 1993	May 1993 ^a	June 1993 ^a
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	\$11.38	\$11.44	\$11.79	\$11.80	-	\$446.10	\$453.02	\$463.35	\$467.28	-
Bread, cake, and related products	2051	11.35	11.38	11.72	11.76	-	444.92	446.10	459.42	465.70	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	11.43	11.56	11.93	11.88	-	448.06	467.02	471.24	469.26	-
Sugar and confectionery products	206	11.23	11.17	11.55	11.48	-	442.46	445.68	451.61	447.72	-
Raw cane sugar	2061	10.47	10.58	10.87	10.78	-	404.14	424.26	456.54	438.75	-
Cane sugar refining	2062	15.26	15.23	15.52	15.41	-	674.49	682.30	687.54	653.38	-
Beet sugar	2063	11.82	12.14	12.38	12.49	-	495.26	503.81	501.39	494.60	-
Candy and other confectionery products	2064	10.51	10.31	10.57	10.38	-	404.64	396.94	397.43	392.36	-
Fats and oils	207	10.75	10.89	10.86	10.90	-	466.55	473.72	475.67	469.79	-
Beverages	208	14.38	14.32	14.37	14.46	-	612.59	611.46	593.48	608.77	-
Malt beverages	2082	19.74	19.65	19.94	20.00	-	868.56	858.71	847.45	852.00	-
Bottled and canned soft drinks	2086	11.60	11.66	11.70	11.93	-	496.48	496.72	477.36	505.83	-
Misc. food and kindred products	209	9.49	9.39	9.62	9.62	-	366.31	367.15	364.60	378.07	-
Tobacco products	21	17.77	18.36	17.67	18.07	\$17.97	677.04	723.38	627.29	668.59	\$681.06
Cigarettes	211	20.27	20.70	20.79	20.79	-	766.21	813.51	727.65	769.23	-
Textile mill products	22	8.57	8.59	8.88	8.87	8.87	353.94	359.06	364.97	368.99	370.77
Broadwoven fabric mills, cotton	221	8.93	8.99	9.17	9.18	-	375.06	380.28	373.22	376.38	-
Broadwoven fabric mills, synthetics	222	9.23	9.19	9.66	9.62	-	378.43	382.30	407.65	402.12	-
Broadwoven fabric mills, wool	223	9.14	9.19	9.37	9.40	-	385.71	397.93	414.15	413.60	-
Narrow fabric mills	224	8.14	8.15	8.15	8.13	-	320.72	330.89	328.45	329.27	-
Knitting mills	225	7.85	7.88	8.11	8.13	-	312.43	319.93	314.67	324.39	-
Women's hosiery, except socks	2251	7.40	7.42	7.36	7.64	-	287.12	292.35	264.96	283.44	-
Hosiery, nec	2252	7.43	7.51	7.73	7.73	-	285.31	297.40	295.29	302.24	-
Knit outerwear mills	2253	7.68	7.61	7.76	7.74	-	306.43	308.97	286.34	303.41	-
Knit underwear mills	2254	7.61	7.67	8.17	8.17	-	302.88	306.80	319.45	326.80	-
Weft knit fabric mills	2257	8.79	8.81	9.17	9.17	-	363.91	365.62	381.47	381.47	-
Textile finishing, except wool	226	8.97	9.01	9.25	9.19	-	388.40	396.44	408.85	400.68	-
Finishing plants, cotton	2261	8.93	8.96	9.17	9.10	-	379.53	388.86	410.82	394.03	-
Finishing plants, synthetics	2262	9.41	9.48	9.71	9.71	-	405.57	416.17	417.53	418.50	-
Carpets and rugs	227	8.57	8.59	8.86	8.84	-	365.94	368.51	385.41	388.08	-
Yarn and thread mills	228	8.25	8.27	8.61	8.62	-	343.20	344.03	351.29	358.59	-
Yarn spinning mills	2281	8.22	8.23	8.57	8.59	-	345.24	346.48	352.23	360.78	-
Throwing and winding mills	2282	8.63	8.64	9.00	9.01	-	327.94	326.59	343.80	348.69	-
Miscellaneous textile goods	229	10.03	10.04	10.43	10.40	-	427.28	432.72	450.58	452.40	-
Apparel and other textile products	23	6.96	6.97	7.07	7.06	7.07	258.91	262.07	258.06	263.34	265.13
Men's and boys' suits and coats	231	7.54	7.54	7.74	7.71	-	274.46	278.98	278.64	282.96	-
Men's and boys' furnishings	232	6.51	6.52	6.67	6.68	-	241.52	244.50	240.12	246.49	-
Men's and boys' shirts	2321	6.46	6.50	6.52	6.64	-	239.02	247.00	232.76	239.70	-
Men's and boys' trousers and slacks	2325	6.41	6.35	6.52	6.52	-	235.89	233.68	232.11	237.33	-
Men's and boys' work clothing	2326	6.31	6.34	6.49	6.50	-	229.05	230.78	231.69	241.15	-
Women's and misses' outerwear	233	6.55	6.57	6.64	6.62	-	237.11	239.81	237.71	240.97	-
Women's and misses' blouses and shirts	2331	5.84	5.83	6.11	6.10	-	209.07	211.05	216.91	218.38	-
Women's, juniors', and misses' dresses	2335	6.95	7.04	7.20	7.15	-	248.12	256.26	251.28	262.41	-
Women's and misses' suits and coats	2337	7.04	7.08	6.94	6.95	-	249.22	256.30	247.76	253.68	-
Women's and misses' outerwear, nec	2339	6.49	6.49	6.55	6.52	-	236.89	238.18	236.46	237.33	-
Women's and children's undergarments	234	6.59	6.64	6.87	6.81	-	247.13	251.66	254.88	260.82	-
Women's and children's underwear	2341	6.39	6.44	6.58	6.58	-	240.90	247.30	246.75	254.65	-
Brassieres, girdles, and allied garments	2342	7.63	7.72	8.17	7.81	-	276.97	274.83	290.04	287.41	-
Girls' and children's outerwear	236	6.23	6.29	6.35	6.34	-	231.13	236.50	222.25	236.48	-
Girls' and children's dresses and blouses	2361	6.18	6.15	6.24	6.22	-	220.63	226.94	214.66	227.03	-
Misc. apparel and accessories	238	6.75	6.78	6.84	6.89	-	252.45	255.61	251.03	257.00	-
Misc. fabricated textile products	239	8.38	8.39	8.28	8.29	-	326.82	328.89	317.95	321.65	-
Curtains and draperies	2391	7.02	7.05	7.10	7.06	-	261.85	259.44	269.80	266.16	-
House furnishings, nec	2392	7.02	7.10	7.18	7.21	-	266.06	274.06	270.69	268.93	-
Automotive and apparel trimmings	2396	11.34	11.25	10.62	10.55	-	460.40	461.25	420.55	422.00	-
Paper and allied products	26	13.03	13.01	13.40	13.37	13.44	568.11	569.84	581.56	581.60	585.98
Paper mills	262	16.04	15.91	16.50	16.52	-	725.01	723.91	755.70	753.31	-
Paperboard mills	263	16.17	16.19	16.74	16.83	-	732.50	738.26	756.65	760.72	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	43.3	43.5	42.6	43.1	-	4.9	5.1	4.8	4.7	-
Corrugated and solid fiber boxes	2653	43.9	44.1	43.3	43.9	-	5.2	5.6	5.2	5.3	-
Sanitary food containers	2656	44.6	44.9	42.4	42.8	-	6.3	6.3	4.6	4.7	-
Folding paperboard boxes	2657	42.7	42.5	42.4	42.2	-	4.9	4.8	4.8	4.4	-
Misc. converted paper products	267	42.0	42.2	41.8	41.9	-	4.1	4.2	4.2	4.0	-
Paper, coated and laminated, nec	2672	41.3	42.0	42.3	41.1	-	3.5	3.5	3.7	3.3	-
Bags: plastics, laminated, and coated	2673	42.0	41.8	41.3	41.9	-	4.9	4.7	4.4	4.4	-
Envelopes	2677	40.8	41.0	41.0	40.7	-	2.8	2.8	3.4	3.1	-
Printing and publishing	27	37.7	37.6	38.1	37.8	38.0	2.7	2.5	2.9	2.7	-
Newspapers	271	33.0	32.9	33.0	33.0	-	1.1	1.0	1.1	1.1	-
Periodicals	272	37.1	37.3	37.6	36.9	-	2.3	2.4	2.6	1.9	-
Books	273	39.4	39.3	39.7	39.5	-	3.3	2.9	3.3	3.2	-
Book publishing	2731	38.4	38.1	39.4	38.6	-	2.0	1.4	2.6	2.3	-
Book printing	2732	40.7	40.8	40.2	40.6	-	4.8	4.6	4.0	4.2	-
Miscellaneous publishing	274	35.7	34.9	37.0	36.3	-	1.7	1.1	2.1	2.0	-
Commercial printing	275	39.1	39.0	39.7	39.2	-	3.3	3.1	3.7	3.3	-
Commercial printing, lithographic	2752	39.0	38.9	39.4	38.9	-	3.1	3.0	3.4	3.2	-
Commercial printing, nec	2759	39.1	38.8	40.0	39.4	-	3.4	3.1	3.9	3.3	-
Manifold business forms	276	41.0	41.5	40.9	41.0	-	3.0	3.7	3.1	3.2	-
Blankbooks and bookbinding	278	37.8	38.1	37.7	38.8	-	2.1	2.1	1.7	1.9	-
Printing trade services	279	39.0	39.6	39.4	38.9	-	3.6	4.0	4.2	3.9	-
Chemicals and allied products	28	43.1	43.2	42.9	43.1	43.1	4.8	5.0	4.6	4.6	-
Industrial inorganic chemicals	281	43.3	43.0	44.4	43.8	-	5.0	4.8	4.9	4.8	-
Industrial inorganic chemicals, nec	2819	43.1	43.0	44.2	43.1	-	5.0	5.0	5.0	4.6	-
Plastics materials and synthetics	282	43.9	44.1	44.1	44.2	-	5.7	6.0	5.9	5.8	-
Plastics materials and resins	2821	44.3	44.7	44.6	44.6	-	6.1	6.5	6.2	6.2	-
Organic fibers, noncellulosic	2824	43.8	43.7	43.8	44.2	-	5.2	5.2	5.2	5.4	-
Drugs	283	42.2	42.1	40.7	40.9	-	3.8	4.1	3.5	3.5	-
Pharmaceutical preparations	2834	42.1	41.9	40.5	40.7	-	3.7	4.1	3.4	3.5	-
Soap, cleaners, and toilet goods	284	41.1	41.4	40.9	41.7	-	3.4	3.9	3.2	3.1	-
Soap and other detergents	2841	42.0	42.6	42.3	42.2	-	4.4	5.2	4.0	4.3	-
Polishing, sanitation, and finishing preparations	2842,3	41.3	41.9	41.3	41.0	-	3.3	4.3	3.3	3.3	-
Toilet preparations	2844	40.5	40.5	39.9	41.8	-	2.8	3.0	2.6	2.4	-
Paints and allied products	285	41.6	42.3	41.6	41.8	-	3.8	4.4	3.6	3.9	-
Industrial organic chemicals	286	45.7	45.7	45.6	45.8	-	6.4	6.4	6.0	6.1	-
Cyclic crudes and intermediates	2865	45.1	45.6	45.8	44.9	-	6.0	6.8	7.2	7.5	-
Industrial organic chemicals, nec	2869	45.9	45.8	45.6	46.0	-	6.5	6.4	5.8	5.7	-
Agricultural chemicals	287	44.6	44.5	44.7	44.4	-	6.3	5.9	6.1	5.8	-
Miscellaneous chemical products	289	42.7	43.0	42.5	43.2	-	4.3	4.4	4.3	4.6	-
Petroleum and coal products	29	44.5	43.6	44.9	44.4	44.6	5.9	6.1	6.2	6.6	-
Petroleum refining	291	44.1	43.1	45.5	44.3	-	5.2	5.5	6.0	6.0	-
Asphalt paving and roofing materials	295	47.2	46.5	43.9	45.9	-	9.0	9.0	7.8	9.3	-
Rubber and misc. plastics products	30	41.9	42.1	41.7	41.8	42.0	4.2	4.3	4.2	4.3	-
Tires and inner tubes	301	44.4	45.1	44.4	43.9	-	6.1	6.7	6.6	6.1	-
Rubber and plastics footwear	302	41.4	42.1	41.5	41.2	-	2.7	2.6	3.0	2.9	-
Hose, belting, gaskets, and packing	305	42.4	42.3	41.8	42.3	-	4.4	4.2	4.2	4.5	-
Rubber and plastics hose and belting	3052	42.3	43.3	41.7	43.1	-	3.7	4.5	4.2	4.5	-
Fabricated rubber products, nec	306	41.8	42.2	41.0	41.5	-	3.6	4.0	3.4	3.7	-
Miscellaneous plastics products, nec	308	41.6	41.7	41.4	41.6	-	4.1	4.2	4.0	4.2	-
Leather and leather products	31	38.1	38.8	38.4	38.6	38.7	2.2	2.5	2.3	2.3	-
Leather tanning and finishing	311	43.7	44.0	43.0	42.8	-	5.5	5.7	5.6	5.7	-
Footwear, except rubber	314	36.6	37.7	37.8	38.2	-	1.6	1.9	1.8	1.7	-
Men's footwear, except athletic	3143	37.5	38.2	37.7	38.1	-	2.3	2.4	1.9	2.0	-
Women's footwear, except athletic	3144	36.0	37.0	37.6	37.7	-	.9	1.4	1.7	1.2	-
Luggage	316	39.5	38.7	39.2	40.1	-	2.6	3.1	2.8	2.8	-
Handbags and personal leather goods	317	38.3	38.2	37.3	36.6	-	1.1	1.4	.6	.7	-
Transportation and public utilities		38.7	38.9	39.2	39.7	39.6	-	-	-	-	-
Railroad transportation:											
Class I railroads ³	4011	44.9	43.1	45.5	45.4	-	-	-	-	-	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ²	June 1993 ²	May 1992	June 1992	Apr. 1993	May 1993 ²	June 1993 ²
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	\$11.04	\$11.04	\$11.25	\$11.25	-	\$478.03	\$480.24	\$479.25	\$484.88	-
Corrugated and solid fiber boxes	2653	11.06	11.12	11.25	11.27	-	485.53	490.39	487.13	494.75	-
Sanitary food containers	2656	11.20	10.94	11.28	11.32	-	499.52	491.21	478.27	484.50	-
Folding paperboard boxes	2657	11.54	11.55	11.84	11.83	-	492.76	490.88	502.02	499.23	-
Misc. converted paper products	267	11.44	11.45	11.75	11.72	-	480.48	483.19	491.15	491.07	-
Paper, coated and laminated, nec	2672	13.09	13.05	13.35	13.38	-	540.62	548.10	564.71	549.92	-
Bags: plastics, laminated, and coated	2673	10.72	10.73	11.11	11.14	-	450.24	448.51	458.84	466.77	-
Envelopes	2677	10.72	10.71	10.84	10.92	-	437.38	439.11	444.44	444.44	-
Printing and publishing	27	11.65	11.67	11.87	11.82	\$11.88	439.21	438.79	452.25	446.80	\$451.44
Newspapers	271	11.57	11.60	11.81	11.76	-	381.81	381.64	389.73	388.08	-
Periodicals	272	12.53	12.60	13.10	12.97	-	464.86	469.98	492.56	478.59	-
Books	273	10.47	10.53	10.69	10.78	-	412.52	413.83	424.39	425.81	-
Book publishing	2731	10.09	10.16	10.38	10.53	-	387.46	387.10	408.97	406.46	-
Book printing	2732	10.92	10.96	11.05	11.07	-	444.44	447.17	444.21	449.44	-
Miscellaneous publishing	274	10.98	11.09	11.13	11.19	-	391.99	387.04	411.81	406.20	-
Commercial printing	275	11.87	11.86	12.05	11.99	-	464.12	462.54	478.39	470.01	-
Commercial printing, lithographic	2752	11.88	11.87	12.14	12.08	-	463.32	461.74	478.32	469.91	-
Commercial printing, nec	2759	11.71	11.70	11.70	11.64	-	457.86	453.96	468.00	458.62	-
Manifold business forms	276	12.43	12.54	12.42	12.47	-	509.63	520.41	507.98	511.27	-
Blankbooks and bookbinding	278	9.13	9.10	9.27	9.24	-	345.11	346.71	349.48	358.51	-
Printing trade services	279	14.36	14.35	14.63	14.52	-	560.04	568.26	576.42	564.83	-
Chemicals and allied products	28	14.45	14.44	14.81	14.77	14.80	622.80	623.81	635.35	636.59	637.88
Industrial inorganic chemicals	281	15.62	15.65	16.19	16.28	-	676.35	672.95	718.84	713.06	-
Industrial inorganic chemicals, nec	2819	15.93	15.91	16.56	16.69	-	686.58	684.13	731.95	719.34	-
Plastics materials and synthetics	282	15.24	15.27	15.27	15.16	-	669.04	673.41	673.41	670.07	-
Plastics materials and resins	2821	15.88	15.83	16.31	16.28	-	703.48	707.60	727.43	726.09	-
Organic fibers, noncellulosic	2824	14.55	14.69	14.10	13.95	-	637.29	641.95	617.58	616.59	-
Drugs	283	14.02	14.05	14.71	14.80	-	591.64	591.51	598.70	605.32	-
Pharmaceutical preparations	2834	14.11	14.15	14.76	14.88	-	594.03	592.89	597.78	605.62	-
Soap, cleaners, and toilet goods	284	12.02	12.03	12.40	12.25	-	494.02	498.04	507.16	510.83	-
Soap and other detergents	2841	15.44	15.42	16.16	16.07	-	648.48	656.89	683.57	678.15	-
Polishing, sanitation, and finishing preparations	2842,3	10.85	10.94	11.34	11.43	-	448.11	458.39	468.34	468.63	-
Toilet preparations	2844	10.51	10.51	10.65	10.46	-	425.66	425.66	424.94	437.23	-
Paints and allied products	285	12.81	12.78	12.71	12.64	-	532.90	540.59	528.74	528.35	-
Industrial organic chemicals	286	17.23	17.19	17.53	17.56	-	787.41	785.58	799.37	804.25	-
Cyclic crudes and intermediates	2865	16.61	16.71	17.48	17.51	-	749.11	761.98	800.58	786.20	-
Industrial organic chemicals, nec	2869	17.56	17.48	17.70	17.73	-	806.00	800.58	807.12	815.58	-
Agricultural chemicals	287	14.55	14.61	14.85	14.82	-	648.93	650.15	663.80	658.01	-
Miscellaneous chemical products	289	13.03	13.01	13.44	13.33	-	556.38	559.43	571.20	575.86	-
Petroleum and coal products	29	17.81	17.66	18.59	18.54	18.48	792.55	769.98	834.69	823.18	824.21
Petroleum refining	291	19.57	19.35	20.41	20.56	-	863.04	833.99	928.66	910.81	-
Asphalt paving and roofing materials	295	13.04	13.15	13.28	13.51	-	615.49	611.48	582.99	620.11	-
Rubber and misc. plastics products	30	10.33	10.36	10.62	10.59	10.61	432.83	436.16	442.85	442.66	445.62
Tires and inner tubes	301	16.67	16.74	17.77	17.66	-	740.15	754.97	788.99	775.27	-
Rubber and plastics footwear	302	7.05	7.03	7.39	7.36	-	291.87	295.96	306.69	303.23	-
Hose, belting, gaskets, and packing	305	10.26	10.23	10.45	10.48	-	435.02	432.73	436.81	443.30	-
Rubber and plastics hose and belting	3052	10.33	10.29	10.56	10.63	-	436.96	445.56	440.35	458.15	-
Fabricated rubber products, nec	306	9.81	9.83	9.89	9.94	-	410.06	414.83	405.49	412.51	-
Miscellaneous plastics products, nec	308	9.64	9.65	9.84	9.82	-	401.02	402.41	407.38	408.51	-
Leather and leather products	31	7.44	7.44	7.59	7.60	7.60	283.46	288.67	291.46	293.36	294.12
Leather tanning and finishing	311	9.78	9.72	9.91	9.96	-	427.39	427.68	426.13	426.29	-
Footwear, except rubber	314	7.00	7.02	7.15	7.15	-	256.20	264.65	270.27	273.13	-
Men's footwear, except athletic	3143	7.61	7.63	7.69	7.69	-	285.38	291.47	289.91	292.99	-
Women's footwear, except athletic	3144	6.43	6.47	6.57	6.61	-	231.48	239.39	247.03	249.20	-
Luggage	316	7.31	7.59	7.97	7.99	-	288.75	293.73	312.42	320.40	-
Handbags and personal leather goods	317	6.47	6.53	6.68	6.73	-	247.80	249.45	249.16	246.32	-
Transportation and public utilities		13.36	13.37	13.61	13.58	13.56	517.03	520.09	533.51	539.13	536.98
Railroad transportation:											
Class I railroads ³	4011	16.91	16.67	16.90	16.94	-	759.26	718.48	768.95	769.08	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	34.6	33.9	33.0	34.5	-	-	-	-	-	-
Local and suburban transportation	411	38.5	38.1	38.1	38.6	-	-	-	-	-	-
Intercity and rural bus transportation	413	39.2	38.1	39.7	39.3	-	-	-	-	-	-
Trucking and warehousing	42	38.8	39.3	38.0	38.9	-	-	-	-	-	-
Trucking and courier services, except air	421	38.8	39.3	38.0	38.8	-	-	-	-	-	-
Public warehousing and storage	422	39.8	40.0	39.1	39.6	-	-	-	-	-	-
Water transportation:											
Water transportation services	449	35.6	35.1	36.1	36.8	-	-	-	-	-	-
Pipelines, except natural gas	46	42.0	40.6	42.2	41.7	-	-	-	-	-	-
Transportation services	47	36.5	36.9	36.5	37.6	-	-	-	-	-	-
Passenger transportation arrangement	472	35.6	36.8	35.7	36.5	-	-	-	-	-	-
Travel agencies	4724	35.5	36.9	35.7	36.7	-	-	-	-	-	-
Freight transportation arrangement	473	37.2	36.6	37.1	38.4	-	-	-	-	-	-
Communications	48	38.9	39.5	39.4	39.5	-	-	-	-	-	-
Telephone communications	481	40.4	41.0	40.9	40.9	-	-	-	-	-	-
Telephone communications, except radio	4813	40.5	41.1	41.0	40.9	-	-	-	-	-	-
Radio and television broadcasting	483	34.3	34.6	34.7	35.0	-	-	-	-	-	-
Cable and other pay television services	484	38.2	38.8	38.8	39.0	-	-	-	-	-	-
Electric, gas, and sanitary services	49	41.9	41.8	42.1	42.1	-	-	-	-	-	-
Electric services	491	41.7	41.9	42.0	41.9	-	-	-	-	-	-
Gas production and distribution	492	42.0	41.8	42.1	42.2	-	-	-	-	-	-
Combination utility services	493	42.1	41.5	42.7	42.0	-	-	-	-	-	-
Sanitary services	495	42.8	42.7	42.5	43.0	-	-	-	-	-	-
Wholesale trade		38.3	38.2	38.0	38.4	38.2	-	-	-	-	-
Durable goods	50	38.6	38.6	38.6	39.0	-	-	-	-	-	-
Motor vehicles, parts, and supplies	501	38.1	38.1	38.7	38.7	-	-	-	-	-	-
Furniture and home furnishings	502	36.7	37.0	37.1	37.3	-	-	-	-	-	-
Lumber and other construction materials	503	40.1	40.2	39.0	39.9	-	-	-	-	-	-
Professional and commercial equipment	504	38.8	38.8	38.8	39.1	-	-	-	-	-	-
Medical and hospital equipment	5047	37.2	37.4	37.7	38.1	-	-	-	-	-	-
Metals and minerals, except petroleum	505	40.2	40.1	40.2	40.6	-	-	-	-	-	-
Electrical goods	506	38.6	38.5	38.1	38.5	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	38.5	38.6	38.4	38.8	-	-	-	-	-	-
Machinery, equipment, and supplies	508	39.2	39.1	39.3	39.8	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	36.9	37.0	37.0	37.3	-	-	-	-	-	-
Nondurable goods	51	37.8	37.6	37.2	37.7	-	-	-	-	-	-
Paper and paper products	511	37.0	36.9	36.0	36.7	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	36.8	37.0	36.8	36.8	-	-	-	-	-	-
Apparel, piece goods, and notions	513	36.7	36.9	36.3	36.9	-	-	-	-	-	-
Groceries and related products	514	38.4	38.5	38.2	38.3	-	-	-	-	-	-
Farm-product raw materials	515	36.6	35.8	35.0	37.0	-	-	-	-	-	-
Chemicals and allied products	516	40.5	40.3	39.7	40.1	-	-	-	-	-	-
Petroleum and petroleum products	517	38.6	38.0	37.4	37.8	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	37.1	37.1	37.1	37.4	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	37.5	36.8	36.5	37.2	-	-	-	-	-	-
Retail trade		28.7	29.0	28.5	28.9	29.0	-	-	-	-	-
Building materials and garden supplies	52	36.6	36.7	36.2	36.9	-	-	-	-	-	-
Lumber and other building materials	521	38.4	38.6	38.2	38.7	-	-	-	-	-	-
Paint, glass, and wallpaper stores	523	35.7	36.0	36.2	36.9	-	-	-	-	-	-
Hardware stores	525	32.3	32.7	32.0	32.4	-	-	-	-	-	-
Retail nurseries and garden stores	526	36.3	35.3	34.2	36.1	-	-	-	-	-	-
General merchandise stores	53	29.1	29.3	28.3	28.9	-	-	-	-	-	-
Department stores	531	29.1	29.3	28.3	29.0	-	-	-	-	-	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	\$9.66	\$9.79	\$10.00	\$9.87	-	\$334.24	\$331.88	\$330.00	\$340.52	-
Local and suburban transportation	411	10.35	10.35	10.69	10.70	-	398.48	394.34	407.29	413.02	-
Intercity and rural bus transportation	413	12.98	13.13	12.86	12.67	-	508.82	500.25	510.54	497.93	-
Trucking and warehousing	42	12.10	12.05	12.30	12.33	-	469.48	473.57	467.40	479.64	-
Trucking and courier services, except air	421	12.27	12.21	12.46	12.50	-	476.08	479.85	473.48	485.00	-
Public warehousing and storage	422	9.92	9.95	10.12	10.10	-	394.82	398.00	395.69	399.96	-
Water transportation:											
Water transportation services	449	16.24	15.98	16.82	16.62	-	578.14	560.90	607.20	611.62	-
Pipelines, except natural gas	46	18.71	18.51	19.32	19.63	-	785.82	751.51	815.30	818.57	-
Transportation services	47	10.63	10.71	11.01	11.09	-	388.00	395.20	401.87	416.98	-
Passenger transportation arrangement	472	9.67	9.79	10.14	10.20	-	344.25	360.27	362.00	372.30	-
Travel agencies	4724	9.73	9.84	10.04	10.13	-	345.42	363.10	358.43	371.77	-
Freight transportation arrangement	473	11.83	11.98	12.27	12.38	-	440.08	438.47	455.22	475.39	-
Communications	48	14.19	14.31	14.78	14.83	-	551.99	565.25	582.33	585.79	-
Telephone communications	481	14.81	14.91	15.45	15.53	-	598.32	611.31	631.91	635.18	-
Telephone communications, except radio	4813	14.96	15.06	15.62	15.70	-	605.88	618.97	640.42	642.13	-
Radio and television broadcasting	483	13.71	13.91	14.25	14.24	-	470.25	481.29	494.48	498.40	-
Cable and other pay television services	484	10.92	10.96	11.31	11.35	-	417.14	425.25	438.83	442.65	-
Electric, gas, and sanitary services	49	15.96	15.89	16.62	16.68	-	668.72	664.20	699.70	702.23	-
Electric services	491	16.59	16.48	17.25	17.38	-	691.80	690.51	724.50	728.22	-
Gas production and distribution	492	15.25	15.18	16.08	16.26	-	640.50	634.52	676.97	686.17	-
Combination utility services	493	18.63	18.70	19.69	19.63	-	784.32	776.05	840.76	824.46	-
Sanitary services	495	11.97	11.88	12.03	12.08	-	512.32	507.28	511.28	519.44	-
Wholesale trade		11.34	11.32	11.70	11.73	\$11.65	434.32	432.42	444.60	450.43	\$445.03
Durable goods	50	11.68	11.65	12.04	12.07	-	450.85	449.69	464.74	470.73	-
Motor vehicles, parts, and supplies	501	10.38	10.32	10.66	10.62	-	395.48	393.19	412.54	410.99	-
Furniture and home furnishings	502	10.31	10.22	10.69	10.67	-	378.38	378.14	396.60	397.99	-
Lumber and other construction materials	503	10.97	10.95	11.16	11.18	-	439.90	440.19	435.24	446.08	-
Professional and commercial equipment	504	13.82	13.83	14.54	14.50	-	536.22	536.60	564.15	566.95	-
Medical and hospital equipment	5047	12.79	12.94	13.16	13.14	-	475.79	483.96	496.13	500.63	-
Metals and minerals, except petroleum	505	11.86	11.82	12.08	12.11	-	476.77	473.98	485.62	491.67	-
Electrical goods	506	11.94	11.92	12.41	12.53	-	460.88	458.92	472.82	482.41	-
Hardware, plumbing, and heating equipment	507	11.19	11.16	11.23	11.44	-	430.82	430.78	431.23	443.87	-
Machinery, equipment, and supplies	508	11.62	11.61	11.93	11.97	-	455.50	453.95	468.85	476.41	-
Misc. wholesale trade durable goods	509	9.08	9.10	9.45	9.41	-	335.05	336.70	349.65	350.99	-
Nondurable goods	51	10.89	10.88	11.24	11.27	-	411.64	409.09	418.13	424.88	-
Paper and paper products	511	11.43	11.43	11.98	11.89	-	422.91	421.77	431.28	436.36	-
Drugs, proprietaries, and sundries	512	12.79	12.70	13.47	13.55	-	470.67	469.90	495.70	498.64	-
Apparel, piece goods, and notions	513	10.66	10.66	10.97	11.10	-	391.22	393.35	398.21	409.59	-
Groceries and related products	514	11.06	10.99	11.48	11.52	-	424.70	423.12	438.54	441.22	-
Farm-product raw materials	515	8.29	8.19	8.35	8.48	-	303.41	293.20	292.25	313.76	-
Chemicals and allied products	516	12.96	13.11	13.23	13.38	-	524.88	528.33	525.23	536.54	-
Petroleum and petroleum products	517	10.53	10.44	10.58	10.52	-	406.46	396.72	395.69	397.66	-
Beer, wine, and distilled beverages	518	12.92	12.89	13.08	13.18	-	479.33	478.22	485.27	492.93	-
Misc. wholesale trade nondurable goods	519	9.24	9.27	9.39	9.46	-	346.50	341.14	342.74	351.91	-
Retail trade		7.09	7.09	7.27	7.27	7.26	203.48	205.61	207.20	210.10	210.54
Building materials and garden supplies	52	8.38	8.37	8.59	8.56	-	306.71	307.18	310.96	315.86	-
Lumber and other building materials	521	8.79	8.76	8.98	8.96	-	337.54	338.14	343.04	346.75	-
Paint, glass, and wallpaper stores	523	9.08	8.99	9.25	9.26	-	324.16	323.64	334.85	341.69	-
Hardware stores	525	7.21	7.15	7.42	7.39	-	232.88	233.81	237.44	239.44	-
Retail nurseries and garden stores	526	7.23	7.30	7.37	7.42	-	262.45	257.69	252.05	267.86	-
General merchandise stores	53	7.15	7.16	7.26	7.29	-	208.07	209.79	205.46	210.68	-
Department stores	531	7.20	7.21	7.27	7.29	-	209.52	211.25	205.74	211.41	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Retail trade—Continued											
Variety stores	533	28.0	27.6	28.1	28.1	-	-	-	-	-	-
Misc. general merchandise stores	539	29.8	30.1	28.5	28.8	-	-	-	-	-	-
Food stores	54	29.5	30.1	29.0	29.7	-	-	-	-	-	-
Grocery stores	541	29.7	30.3	29.0	29.8	-	-	-	-	-	-
Retail bakeries	546	27.9	28.4	28.5	28.9	-	-	-	-	-	-
Automotive dealers and service stations	55	36.0	36.1	36.2	36.5	-	-	-	-	-	-
New and used car dealers	551	37.5	37.5	37.6	37.8	-	-	-	-	-	-
Auto and home supply stores	553	37.9	38.1	38.2	38.6	-	-	-	-	-	-
Gasoline service stations	554	33.3	33.4	33.4	33.6	-	-	-	-	-	-
Automotive dealers, nec	559	34.8	34.4	34.5	34.3	-	-	-	-	-	-
Apparel and accessory stores	56	26.2	26.5	25.8	26.3	-	-	-	-	-	-
Men's and boys' clothing stores	561	28.1	28.6	29.3	29.2	-	-	-	-	-	-
Women's clothing stores	562	24.0	23.9	23.3	24.1	-	-	-	-	-	-
Family clothing stores	565	27.0	27.6	26.9	27.4	-	-	-	-	-	-
Shoe stores	566	28.0	28.5	26.7	26.6	-	-	-	-	-	-
Furniture and home furnishings stores	57	32.7	33.0	32.8	33.0	-	-	-	-	-	-
Furniture and home furnishings stores	571	33.1	33.2	33.0	33.1	-	-	-	-	-	-
Household appliance stores	572	33.3	34.2	33.5	33.9	-	-	-	-	-	-
Radio, television, and computer stores	573	32.1	32.4	32.4	32.7	-	-	-	-	-	-
Radio, television, and electronic stores	5731	31.8	32.1	32.4	32.5	-	-	-	-	-	-
Record and prerecorded tape stores	5735	26.8	27.6	27.1	28.1	-	-	-	-	-	-
Eating and drinking places ⁴	58	25.0	25.2	24.9	25.4	-	-	-	-	-	-
Miscellaneous retail establishments	59	29.7	29.8	29.4	29.9	-	-	-	-	-	-
Drug stores and proprietary stores	591	27.6	28.1	28.0	27.8	-	-	-	-	-	-
Used merchandise stores	593	31.9	31.9	32.1	32.1	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	27.8	28.3	27.5	28.1	-	-	-	-	-	-
Nonstore retailers	596	34.4	34.5	33.0	34.0	-	-	-	-	-	-
Fuel dealers	598	37.6	36.6	37.6	38.4	-	-	-	-	-	-
Retail stores, nec	599	32.0	31.0	31.0	32.0	-	-	-	-	-	-
Finance, insurance, and real estate⁵		35.6	35.6	35.7	36.2	35.6	-	-	-	-	-
Depository institutions	60	35.1	35.2	35.2	35.6	-	-	-	-	-	-
Commercial banks	602	34.8	35.0	35.0	35.4	-	-	-	-	-	-
State commercial banks	6022	35.3	35.4	35.4	36.2	-	-	-	-	-	-
National and commercial banks, nec	6021,9	34.5	34.8	34.7	34.9	-	-	-	-	-	-
Credit unions	606	35.7	35.8	35.6	35.9	-	-	-	-	-	-
Nondepository institutions	61	37.8	37.6	37.5	38.3	-	-	-	-	-	-
Personal credit institutions	614	37.9	37.7	37.7	37.8	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services	628	36.5	36.5	36.1	36.7	-	-	-	-	-	-
Insurance carriers	63	37.6	37.6	37.8	38.3	-	-	-	-	-	-
Life insurance	631	37.1	37.1	37.7	38.2	-	-	-	-	-	-
Medical service and health insurance	632	38.4	38.3	38.4	38.4	-	-	-	-	-	-
Hospital and medical service plans	6324	38.3	38.2	38.3	38.3	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	37.3	37.3	37.4	37.9	-	-	-	-	-	-
Services		32.4	32.5	32.3	32.7	32.6	-	-	-	-	-
Agricultural services	07	35.5	35.8	33.8	36.0	-	-	-	-	-	-
Veterinary services	074	28.7	29.2	29.1	29.3	-	-	-	-	-	-
Landscape and horticultural services	078	38.3	38.5	35.8	38.7	-	-	-	-	-	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	30.6	30.6	30.5	31.4	-	-	-	-	-	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ²	June 1993 ²	May 1992	June 1992	Apr. 1993	May 1993 ²	June 1993 ²
Retail trade—Continued											
Variety stores	533	\$5.97	\$6.01	\$6.50	\$6.54	-	\$167.16	\$165.88	\$182.65	\$183.77	-
Misc. general merchandise stores	539	7.49	7.50	7.82	7.84	-	223.20	225.75	222.87	225.79	-
Food stores	54	7.51	7.50	7.80	7.81	-	221.55	225.75	226.20	231.96	-
Grocery stores	541	7.58	7.57	7.89	7.91	-	225.13	229.37	228.81	235.72	-
Retail bakeries	546	6.70	6.71	6.86	6.86	-	186.93	190.56	195.51	198.25	-
Automotive dealers and service stations	55	9.36	9.36	9.60	9.71	-	336.96	337.90	347.52	354.42	-
New and used car dealers	551	11.66	11.69	11.95	12.16	-	437.25	438.38	449.32	459.65	-
Auto and home supply stores	553	8.13	8.12	8.31	8.39	-	308.13	309.37	317.44	323.85	-
Gasoline service stations	554	6.54	6.51	6.62	6.62	-	217.78	217.43	221.11	222.43	-
Automotive dealers, nec	559	10.67	10.62	10.77	10.74	-	371.32	365.33	371.57	368.38	-
Apparel and accessory stores	56	6.89	6.88	7.08	7.05	-	180.52	182.32	182.66	185.42	-
Men's and boys' clothing stores	561	8.54	8.49	8.42	8.36	-	239.97	242.81	246.71	244.11	-
Women's clothing stores	562	6.47	6.43	6.78	6.71	-	155.28	153.68	157.97	161.71	-
Family clothing stores	565	6.63	6.64	6.85	6.86	-	179.01	183.26	184.27	187.96	-
Shoe stores	566	7.16	7.15	7.31	7.31	-	200.48	203.78	195.18	194.45	-
Furniture and home furnishings stores	57	9.13	9.13	9.34	9.34	-	298.55	301.29	306.35	308.22	-
Furniture and home furnishings stores	571	8.92	8.92	9.18	9.18	-	295.25	296.14	302.94	303.86	-
Household appliance stores	572	9.27	9.33	9.59	9.68	-	308.69	319.09	321.27	328.15	-
Radio, television, and computer stores	573	9.42	9.40	9.52	9.51	-	302.38	304.56	308.45	310.98	-
Radio, television, and electronic stores	5731	9.00	9.03	9.10	9.06	-	286.20	289.86	294.84	294.45	-
Record and prerecorded tape stores	5735	5.82	5.85	5.93	5.88	-	155.98	161.46	160.70	165.23	-
Eating and drinking places ⁴	58	5.28	5.27	5.34	5.35	-	132.00	132.80	132.97	135.89	-
Miscellaneous retail establishments	59	7.66	7.68	7.89	7.93	-	227.50	228.86	231.97	237.11	-
Drug stores and proprietary stores	591	7.58	7.60	8.00	8.05	-	209.21	213.56	224.00	223.79	-
Used merchandise stores	593	6.76	6.65	6.68	6.71	-	215.64	212.14	214.43	215.39	-
Miscellaneous shopping goods stores	594	7.09	7.17	7.23	7.29	-	197.10	202.91	198.83	204.85	-
Nonstore retailers	596	8.36	8.32	8.55	8.65	-	287.58	287.04	282.15	294.10	-
Fuel dealers	598	10.74	10.63	10.92	10.93	-	403.82	389.06	410.59	419.71	-
Retail stores, nec	599	7.85	7.96	8.09	8.10	-	251.20	246.76	250.79	259.20	-
Finance, insurance, and real estate⁵		10.75	10.69	11.21	11.33	\$11.18	382.70	380.56	400.20	410.15	\$398.01
Depository institutions	60	8.90	8.83	9.08	9.19	-	312.39	310.82	319.62	327.16	-
Commercial banks	602	8.49	8.41	8.66	8.74	-	295.45	294.35	303.10	309.40	-
State commercial banks	6022	8.32	8.28	8.51	8.54	-	293.70	293.11	301.25	309.15	-
National and commercial banks, nec	6021,9	8.61	8.50	8.77	8.89	-	297.05	295.80	304.32	310.26	-
Credit unions	606	8.66	8.67	8.97	9.09	-	309.16	310.39	319.33	326.33	-
Nondepository institutions	61	11.48	11.44	11.90	12.18	-	433.94	430.14	446.25	466.49	-
Personal credit institutions	614	9.75	9.73	9.83	10.03	-	369.53	366.82	370.59	379.13	-
Security and commodity brokers:											
Security and commodity services	628	15.09	14.93	15.70	15.94	-	550.79	544.95	566.77	585.00	-
Insurance carriers	63	12.26	12.28	13.00	13.12	-	460.98	461.73	491.40	502.50	-
Life insurance	631	11.21	11.12	12.00	12.15	-	415.89	412.55	452.40	464.13	-
Medical service and health insurance	632	11.65	11.74	12.50	12.66	-	447.36	449.64	480.00	486.14	-
Hospital and medical service plans	6324	11.78	11.87	12.83	12.97	-	451.17	453.43	491.39	496.75	-
Fire, marine, and casualty insurance	633	13.29	13.31	14.00	14.08	-	495.72	496.46	523.60	533.63	-
Services		10.48	10.43	10.77	10.78	10.68	339.55	338.98	347.87	352.51	348.17
Agricultural services	07	8.25	8.18	8.44	8.39	-	292.88	292.84	285.27	302.04	-
Veterinary services	074	7.97	7.91	8.15	8.12	-	228.74	230.97	237.17	237.92	-
Landscape and horticultural services	078	8.37	8.30	8.59	8.51	-	320.57	319.55	307.52	329.34	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	7.35	7.31	7.55	7.57	-	224.91	223.69	230.28	237.70	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Services—Continued											
Personal services:											
Laundry, cleaning, and garment services	721	34.4	34.2	34.1	34.6	-	-	-	-	-	-
Beauty shops ¹	723	28.8	28.6	28.9	29.2	-	-	-	-	-	-
Miscellaneous personal services	729	27.9	26.7	23.8	26.7	-	-	-	-	-	-
Business services											
Advertising	731	36.6	36.5	36.8	36.8	-	-	-	-	-	-
Photocopying and duplicating services	7334	37.6	37.8	37.2	37.4	-	-	-	-	-	-
Services to buildings	734	28.5	28.3	28.7	29.2	-	-	-	-	-	-
Miscellaneous equipment rental and leasing	735	39.1	39.3	38.7	40.0	-	-	-	-	-	-
Heavy construction equipment rental	7353	40.3	40.6	39.6	40.9	-	-	-	-	-	-
Personnel supply services:											
Help supply services	7363	31.3	31.3	31.1	31.5	-	-	-	-	-	-
Computer and data processing services	737	38.0	37.8	37.9	38.5	-	-	-	-	-	-
Computer programming services	7371	38.2	37.7	38.0	38.4	-	-	-	-	-	-
Computer integrated systems design	7373	38.7	38.9	37.9	39.1	-	-	-	-	-	-
Information retrieval services	7375	38.2	38.3	38.1	38.4	-	-	-	-	-	-
Computer maintenance and repair	7378	38.7	38.9	39.2	39.2	-	-	-	-	-	-
Miscellaneous business services	738	33.8	33.8	33.2	33.6	-	-	-	-	-	-
Detective and armored car services	7381	33.9	33.9	33.8	33.8	-	-	-	-	-	-
Security systems services	7382	37.5	37.3	36.7	37.0	-	-	-	-	-	-
Auto repair, services, and parking											
Automotive rentals, without drivers	751	37.7	38.0	37.4	37.6	-	-	-	-	-	-
Passenger car rental	7514	36.9	37.5	36.1	36.3	-	-	-	-	-	-
Automobile parking	752	33.3	33.3	33.2	34.2	-	-	-	-	-	-
Automotive repair shops	753	38.3	38.4	38.4	38.3	-	-	-	-	-	-
Automotive and tire repair shops	7532,4	37.3	37.5	37.2	37.3	-	-	-	-	-	-
General automotive repair shops	7538	38.2	38.3	38.4	38.3	-	-	-	-	-	-
Automotive services, except repair	754	32.3	32.9	30.6	32.2	-	-	-	-	-	-
Carwashes	7542	30.0	30.8	28.1	30.5	-	-	-	-	-	-
Miscellaneous repair services	76	38.2	38.1	37.7	38.3	-	-	-	-	-	-
Motion pictures											
Motion picture production and services	781	36.7	37.2	37.1	38.6	-	-	-	-	-	-
Amusement and recreation services											
Bowling centers	793	24.1	24.4	24.6	23.9	-	-	-	-	-	-
Misc. amusement and recreation services	799	25.8	28.1	26.6	26.7	-	-	-	-	-	-
Physical fitness facilities	7991	18.3	18.4	18.0	18.6	-	-	-	-	-	-
Membership sports and recreation clubs	7997	28.8	29.3	28.4	29.2	-	-	-	-	-	-
Health services											
Offices and clinics of medical doctors	801	31.9	32.0	32.0	32.4	-	-	-	-	-	-
Offices and clinics of dentists	802	28.1	28.2	28.4	28.7	-	-	-	-	-	-
Offices and clinics of other health practitioners	804	29.7	29.9	29.6	29.8	-	-	-	-	-	-
Nursing and personal care facilities	805	32.0	32.1	32.0	32.3	-	-	-	-	-	-
Intermediate care facilities	8052	31.3	31.3	31.2	31.7	-	-	-	-	-	-
Hospitals	806	34.3	34.5	34.5	34.5	-	-	-	-	-	-
Home health care services	808	27.0	27.1	27.6	27.9	-	-	-	-	-	-
Legal services	81	34.7	34.8	34.5	35.1	-	-	-	-	-	-
Social services											
Individual and family services	832	32.2	32.1	31.9	32.2	-	-	-	-	-	-
Job training and related services	833	30.6	30.4	30.3	30.9	-	-	-	-	-	-
Child day care services	835	29.4	29.6	29.4	30.0	-	-	-	-	-	-
Residential care	836	31.8	32.0	31.8	32.0	-	-	-	-	-	-
Social services, nec	839	31.8	30.7	31.8	32.1	-	-	-	-	-	-
Membership organizations:											
Professional organizations	862	35.1	34.7	34.7	35.1	-	-	-	-	-	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Services—Continued											
Personal services:											
Laundry, cleaning, and garment services	721	\$7.11	\$7.12	\$7.25	\$7.26	-	\$244.58	\$243.50	\$247.23	\$251.20	-
Beauty shops ^a	723	7.56	7.68	7.78	7.90	-	217.73	219.65	224.84	230.68	-
Miscellaneous personal services	729	7.67	7.76	7.21	7.61	-	213.99	207.19	171.60	203.19	-
Business services											
Advertising	73	9.92	9.92	10.10	10.11	-	328.35	328.35	332.29	336.66	-
Photocopying and duplicating services	731	14.67	14.69	14.78	14.98	-	536.92	536.19	543.90	551.26	-
Services to buildings	7334	9.51	9.40	9.63	9.46	-	357.58	355.32	358.24	353.80	-
Miscellaneous equipment rental and leasing	734	7.38	7.33	7.36	7.49	-	210.33	207.44	211.23	218.71	-
Heavy construction equipment rental	735	10.28	10.31	10.71	10.64	-	401.95	405.18	414.48	425.60	-
Personnel supply services:	7353	13.20	13.32	14.04	14.20	-	531.96	540.79	555.98	580.78	-
Help supply services	7363	8.26	8.28	8.33	8.26	-	258.54	259.16	259.06	260.19	-
Computer and data processing services	737	15.72	15.74	16.25	16.44	-	597.36	594.97	615.88	632.94	-
Computer programming services	7371	18.35	18.45	18.93	19.10	-	700.97	695.57	719.34	733.44	-
Computer integrated systems design	7373	16.43	16.60	17.10	17.17	-	635.84	645.74	648.09	671.35	-
Information retrieval services	7375	13.10	13.06	14.57	14.64	-	500.42	500.20	555.12	562.18	-
Computer maintenance and repair	7378	13.71	13.59	13.56	13.61	-	530.58	528.65	531.55	533.51	-
Miscellaneous business services	738	8.50	8.56	8.63	8.61	-	287.30	289.33	286.52	289.30	-
Detective and armored car services	7381	6.67	6.70	6.78	6.72	-	226.11	227.13	229.16	227.14	-
Security systems services	7382	10.09	10.20	10.84	10.88	-	378.38	380.46	397.83	402.56	-
Auto repair, services, and parking											
Automotive rentals, without drivers	75	9.11	9.12	9.27	9.26	-	333.43	336.53	336.50	339.84	-
Passenger car rental	751	9.15	9.15	9.31	9.25	-	344.96	347.70	348.19	347.80	-
Automobile parking	7514	8.16	8.11	8.31	8.21	-	301.10	304.13	299.99	298.02	-
Automotive repair shops	752	6.74	6.79	6.84	6.87	-	224.44	226.11	227.09	234.95	-
Automotive and tire repair shops	753	10.04	10.04	10.21	10.25	-	384.53	385.54	392.06	392.58	-
General automotive repair shops	7532,4	10.54	10.56	10.87	10.86	-	393.14	396.00	404.36	405.08	-
Automotive services, except repair	7538	10.12	10.09	10.20	10.29	-	386.58	386.45	391.68	394.11	-
Carwashes	754	6.91	6.91	6.93	6.92	-	223.19	227.34	212.06	222.82	-
Miscellaneous repair services	7542	5.98	5.98	6.02	6.03	-	179.40	184.18	169.16	183.92	-
Motion pictures	76	10.71	10.72	10.98	11.07	-	409.12	408.43	413.95	423.98	-
Motion picture production and services	78	11.80	11.15	12.74	12.99	-	315.06	311.09	357.99	363.72	-
Amusement and recreation services	781	17.75	17.33	18.88	18.96	-	651.43	644.68	700.45	731.86	-
Bowling centers	79	8.06	7.59	8.51	8.47	-	211.98	211.00	227.22	229.54	-
Misc. amusement and recreation services	793	6.67	6.69	6.51	6.66	-	160.75	163.24	160.15	159.17	-
Physical fitness facilities	799	7.61	7.10	7.88	7.64	-	196.34	199.51	209.61	203.99	-
Membership sports and recreation clubs	7991	7.83	7.69	7.82	7.85	-	143.29	141.50	140.76	146.01	-
Health services	7997	7.81	7.44	8.16	7.96	-	224.93	217.99	231.74	232.43	-
Offices and clinics of medical doctors	80	11.30	11.32	11.70	11.70	-	367.25	370.16	382.59	383.76	-
Offices and clinics of dentists	801	11.33	11.34	11.79	11.92	-	361.43	362.88	377.28	386.21	-
Offices and clinics of other health practitioners	802	10.96	10.99	11.32	11.34	-	307.98	309.92	321.49	325.46	-
Nursing and personal care facilities	804	9.93	9.95	10.25	10.25	-	294.92	297.51	303.40	305.45	-
Intermediate care facilities	805	7.80	7.83	8.09	8.07	-	249.60	251.34	258.88	260.66	-
Hospitals	8052	7.20	7.21	7.54	7.52	-	225.36	225.67	235.25	238.38	-
Home health care services	806	12.90	12.91	13.38	13.36	-	442.47	445.40	461.61	460.92	-
Legal services	808	9.98	9.99	10.35	10.39	-	269.46	270.73	285.66	289.88	-
Social services	81	14.82	14.87	15.17	15.39	-	514.25	517.48	523.37	540.19	-
Individual and family services	83	7.60	7.60	7.79	7.84	-	237.12	236.36	242.27	246.18	-
Job training and related services	832	8.18	8.21	8.34	8.42	-	263.40	263.54	266.05	271.12	-
Child day care services	833	7.35	7.33	7.62	7.64	-	224.91	222.83	230.89	236.08	-
Residential care	835	6.50	6.42	6.61	6.63	-	191.10	190.03	194.33	198.90	-
Social services, nec	836	7.75	7.71	7.98	7.99	-	246.45	246.72	253.76	255.68	-
Membership organizations:	839	8.56	8.68	8.87	9.02	-	272.21	266.48	282.07	289.54	-
Professional organizations	862	14.08	14.20	14.67	14.86	-	494.21	492.74	509.05	521.59	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Services—Continued											
Engineering and management services	87	37.1	37.0	37.3	37.3	-	-	-	-	-	-
Engineering and architectural services	871	38.9	39.0	38.8	39.3	-	-	-	-	-	-
Engineering services	8711	39.1	39.3	39.1	39.6	-	-	-	-	-	-
Architectural services	8712	37.7	38.0	37.6	37.9	-	-	-	-	-	-
Surveying services	8713	37.7	37.6	37.6	38.4	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	872	36.9	36.5	38.8	36.6	-	-	-	-	-	-
Research and testing services	873	36.6	36.5	36.3	36.6	-	-	-	-	-	-
Commercial physical research	8731	39.6	39.7	39.0	39.1	-	-	-	-	-	-
Commercial nonphysical research	8732	29.3	28.5	29.1	30.4	-	-	-	-	-	-
Noncommercial research organizations	8733	36.1	36.4	36.0	36.0	-	-	-	-	-	-
Management and public relations	874	35.5	35.4	35.2	35.8	-	-	-	-	-	-
Public relations services	8743	34.6	34.6	33.0	32.4	-	-	-	-	-	-
Services, nec	89	37.5	37.2	37.0	37.2	-	-	-	-	-	-

See footnotes at end of table.

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

C-2. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Services—Continued											
Engineering and management services	87	\$14.55	\$14.48	\$14.89	\$15.11	-	\$539.81	\$535.76	\$555.40	\$563.60	-
Engineering and architectural services	871	15.98	15.82	16.23	16.31	-	621.62	616.98	629.72	640.98	-
Engineering services	8711	16.57	16.42	16.82	16.89	-	647.89	645.31	657.66	668.84	-
Architectural services	8712	14.78	14.61	14.95	15.16	-	557.21	555.18	562.12	574.56	-
Surveying services	8713	10.85	10.80	11.46	11.35	-	409.05	406.08	430.90	435.84	-
Accounting, auditing, and bookkeeping	872	12.90	12.87	12.99	13.53	-	476.01	469.76	504.01	495.20	-
Research and testing services	873	15.27	15.25	15.98	16.05	-	558.88	556.63	580.07	587.43	-
Commercial physical research	8731	17.26	17.25	18.11	18.25	-	683.50	684.83	706.29	713.58	-
Commercial nonphysical research	8732	11.50	11.61	12.34	12.31	-	336.95	330.89	359.09	374.22	-
Noncommercial research organizations	8733	16.84	16.71	17.51	17.75	-	607.92	608.24	630.36	639.00	-
Management and public relations	874	13.26	13.19	13.72	13.83	-	470.73	466.93	482.94	495.11	-
Public relations services	8743	13.43	13.38	13.92	14.08	-	464.68	462.95	459.36	456.19	-
Services, nec	89	15.64	15.40	15.78	15.93	-	586.50	572.88	583.86	592.60	-

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 C-2a 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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 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 C-2a 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.

C-2a. 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. 1992	May 1992	Apr. 1993	May 1993 ^p	Apr. 1992	May 1992	Apr. 1993	May 1993 ^p
Average hourly earnings, excluding lump-sum payments	\$17.36	\$17.52	\$18.19	\$18.26	\$16.32	\$16.18	\$17.22	\$17.17
Average hourly earnings, including lump-sum payments	17.73	17.89	18.97	18.95	16.43	16.28	17.29	17.23

^p = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

C-3. Average hourly earnings, excluding overtime,¹ of production workers on manufacturing payrolls

Industry	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Manufacturing	\$10.95	\$10.94	\$11.19	\$11.18	\$11.17
Durable goods	11.49	11.50	11.72	11.72	11.71
Lumber and wood products	8.97	8.98	9.10	9.12	(?)
Furniture and fixtures	8.68	8.70	8.84	8.86	(?)
Stone, clay, and glass products	10.95	10.95	11.17	11.13	(?)
Primary metal industries	12.87	12.88	13.14	13.12	(?)
Fabricated metal products	10.93	10.92	11.13	11.15	(?)
Industrial machinery and equipment	11.80	11.86	12.04	12.02	(?)
Electronic and other electrical equipment	10.55	10.61	10.69	10.69	(?)
Transportation equipment	14.53	14.52	14.96	14.93	(?)
Instruments and related products	11.45	11.47	11.82	11.84	(?)
Miscellaneous manufacturing	8.82	8.84	9.04	9.03	(?)
Nondurable goods	10.24	10.22	10.51	10.48	\$10.48
Food and kindred products	9.72	9.69	9.95	9.94	(?)
Tobacco products	17.44	17.76	17.22	17.72	(?)
Textile mill products	8.14	8.13	8.43	8.41	(?)
Apparel and other textile products	6.79	6.79	6.92	6.89	(?)
Paper and allied products	12.30	12.28	12.62	12.63	(?)
Printing and publishing	11.25	11.29	11.44	11.42	(?)
Chemicals and allied products	13.69	13.65	14.06	14.02	(?)
Petroleum and coal products	16.71	16.50	17.38	17.26	(?)
Rubber and misc. plastics products	9.84	9.85	10.11	10.07	(?)
Leather and leather products	7.23	7.21	7.37	7.38	(?)

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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

C-4. 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 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p	May 1992	June 1992	Apr. 1993	May 1993 ^p	June 1993 ^p
Total private:										
Current dollars	\$10.53	\$10.52	\$10.79	\$10.80	\$10.75	\$362.23	\$362.94	\$369.02	\$374.76	\$371.95
Constant (1982) dollars	7.42	7.38	7.39	7.38	(²)	255.09	254.69	252.58	255.98	(²)
Mining:										
Current dollars	14.48	14.53	14.88	14.72	\$14.57	634.22	636.41	650.26	652.10	\$645.45
Constant (1982) dollars	10.20	10.20	10.18	10.05	(²)	446.63	446.60	445.08	445.42	(²)
Construction:										
Current dollars	14.10	14.13	14.25	14.10	\$14.04	548.49	551.07	538.65	552.72	\$551.77
Constant (1982) dollars	9.93	9.92	9.75	9.63	(²)	386.26	386.72	368.69	377.54	(²)
Manufacturing:										
Current dollars	11.45	11.46	11.71	11.72	\$11.73	470.60	473.30	478.94	484.04	\$485.62
Constant (1982) dollars	8.06	8.04	8.02	8.01	(²)	331.41	332.14	327.82	330.63	(²)
Transportation and public utilities:										
Current dollars	13.36	13.37	13.61	13.58	\$13.56	517.03	520.09	533.51	539.13	\$536.98
Constant (1982) dollars	9.41	9.38	9.32	9.28	(²)	364.11	364.98	365.17	368.26	(²)
Wholesale trade:										
Current dollars	11.34	11.32	11.70	11.73	\$11.65	434.32	432.42	444.60	450.43	\$445.03
Constant (1982) dollars	7.99	7.94	8.01	8.01	(²)	305.86	303.45	304.31	307.67	(²)
Retail trade:										
Current dollars	7.09	7.09	7.27	7.27	\$7.26	203.48	205.61	207.20	210.10	\$210.54
Constant (1982) dollars	4.99	4.98	4.98	4.97	(²)	143.30	144.29	141.82	143.51	(²)
Finance, insurance, and real estate:										
Current dollars	10.75	10.69	11.21	11.33	\$11.18	382.70	380.56	400.20	410.15	\$398.01
Constant (1982) dollars	7.57	7.50	7.67	7.74	(²)	269.51	267.06	273.92	280.16	(²)
Services:										
Current dollars	10.48	10.43	10.77	10.78	\$10.68	339.55	338.98	347.87	352.51	\$348.17
Constant (1982) dollars	7.38	7.32	7.37	7.36	(²)	239.12	237.88	238.10	240.79	(²)

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

² 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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

C-5. Average weekly hours of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

Industry	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total private	34.3	34.3	34.6	34.2	34.4	34.6	34.3	34.5	34.4	34.2	34.4	34.7	34.4
Mining	43.8	43.8	44.3	43.9	44.1	44.1	43.7	44.0	43.6	43.4	44.3	44.6	44.3
Construction	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Manufacturing	41.1	41.1	41.1	41.0	41.1	41.2	41.2	41.4	41.4	41.2	41.5	41.4	41.3
<i>Overtime hours</i>	3.8	3.8	3.8	3.6	3.8	3.9	3.9	4.0	4.2	4.0	4.2	4.1	4.0
Durable goods	41.6	41.6	41.6	41.4	41.6	41.8	41.8	42.0	42.1	42.0	42.2	42.1	41.9
<i>Overtime hours</i>	3.8	3.8	3.8	3.5	3.8	3.9	3.9	4.0	4.3	4.2	4.4	4.3	4.2
Lumber and wood products	40.4	40.8	40.6	40.5	40.7	40.8	40.5	40.6	40.8	40.6	40.5	40.7	40.6
Furniture and fixtures	39.9	39.9	39.6	39.6	39.9	40.1	40.0	40.2	40.3	40.1	40.0	39.8	39.7
Stone, clay, and glass products	42.2	42.4	42.3	42.4	42.3	42.4	42.2	42.5	42.5	42.2	42.5	42.8	42.7
Primary metal industries	43.1	43.1	43.1	42.9	42.9	43.1	43.3	43.6	43.8	43.9	44.2	43.7	43.3
Blast furnaces and basic steel products ..	43.7	43.6	43.6	43.1	43.1	43.4	43.7	44.0	44.4	44.4	44.7	44.2	43.8
Fabricated metal products	41.6	41.9	41.6	41.3	41.7	41.8	41.8	42.0	42.1	41.9	42.1	41.9	42.0
Industrial machinery and equipment	42.2	42.2	42.3	42.1	42.4	42.7	42.6	42.7	42.9	42.8	43.1	43.0	42.8
Electronic and other electrical equipment ..	41.2	41.3	41.3	41.1	41.4	41.5	41.4	41.7	41.7	41.6	41.8	41.8	41.5
Transportation equipment	41.9	41.6	42.2	41.5	41.7	41.9	42.4	42.5	42.8	42.7	42.9	42.8	42.5
Motor vehicles and equipment	42.6	42.4	43.0	41.8	42.0	42.4	43.4	43.7	44.2	44.3	45.2	44.1	43.6
Instruments and related products	41.2	41.2	41.2	41.2	41.3	41.2	41.1	41.2	41.0	41.1	41.3	41.3	41.3
Miscellaneous manufacturing	40.0	40.0	39.9	39.8	40.0	39.9	39.8	39.9	39.9	39.9	40.3	39.8	39.5
Nondurable goods	40.4	40.4	40.4	40.6	40.4	40.6	40.5	40.6	40.7	40.3	40.6	40.6	40.5
<i>Overtime hours</i>	3.9	3.8	3.8	3.8	3.9	3.9	3.9	3.9	4.1	3.8	4.0	3.9	3.9
Food and kindred products	40.4	40.4	40.5	40.7	40.8	40.8	40.6	40.6	40.7	40.4	40.7	40.4	40.6
Tobacco products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Textile mill products	41.3	41.2	41.0	41.8	40.8	41.2	41.4	41.6	41.8	40.1	41.9	41.7	41.3
Apparel and other textile products	37.3	37.3	37.2	37.4	37.4	37.6	37.4	37.6	37.5	37.2	37.1	37.4	37.2
Paper and allied products	43.8	43.5	43.5	44.0	43.5	43.5	43.5	43.5	43.8	43.5	43.7	43.7	43.6
Printing and publishing	38.0	38.1	38.1	38.1	38.2	38.1	38.1	38.2	38.1	38.1	38.4	38.2	38.4
Chemicals and allied products	43.2	43.1	43.1	42.9	42.8	42.9	42.8	43.0	42.9	42.8	42.9	43.3	43.1
Petroleum and coal products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Rubber and misc. plastics products	41.8	41.7	41.7	41.6	41.6	41.8	41.9	42.0	42.1	41.8	41.8	41.8	41.7
Leather and leather products	38.0	38.3	38.1	38.0	38.5	38.9	38.7	39.3	39.4	39.0	38.9	38.6	37.9
Transportation and public utilities	38.6	38.9	39.3	38.9	39.0	39.5	39.1	39.6	39.4	39.6	39.4	39.7	39.3
Wholesale trade	38.1	38.1	38.4	38.0	38.1	38.3	38.0	38.1	38.1	38.0	38.0	38.4	38.1
Retail trade	28.7	28.5	28.8	28.9	28.8	28.9	28.8	28.8	28.7	28.2	28.8	29.0	28.7
Finance, insurance, and real estate	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Services	32.4	32.4	32.7	32.1	32.5	32.6	32.3	32.5	32.4	32.4	32.4	32.8	32.5

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

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

components and consequently cannot be separated with sufficient precision.
^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

C-6. 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	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total private	120.8	120.8	121.8	120.8	121.6	122.3	121.7	122.5	122.7	122.2	123.1	124.6	123.4
Goods-producing	102.0	102.0	101.6	101.1	101.2	101.4	101.4	101.7	102.5	101.9	102.2	102.8	102.0
Mining	55.6	55.3	55.6	54.7	55.1	54.8	54.1	54.2	52.7	52.5	53.5	54.2	52.7
Construction	118.5	118.5	118.2	117.6	118.0	117.2	116.9	116.4	119.2	118.8	119.3	124.4	123.0
Manufacturing	101.6	101.7	101.2	100.8	100.8	101.2	101.2	101.8	102.3	101.6	101.8	101.4	100.8
Durable goods	98.7	98.7	98.3	97.6	97.9	98.4	98.5	99.2	99.7	99.3	99.2	98.6	97.9
Lumber and wood products	117.7	118.6	118.1	118.0	119.4	120.8	120.3	120.6	122.7	122.1	120.1	119.9	119.4
Furniture and fixtures	118.5	119.2	117.0	116.4	117.6	118.2	118.2	119.1	120.0	119.4	119.1	118.9	118.6
Stone, clay, and glass products	101.3	101.5	101.0	101.2	100.7	101.0	100.8	101.2	102.3	101.3	101.0	102.2	101.4
Primary metal industries	85.8	85.8	85.4	84.9	84.6	85.0	85.2	85.9	86.3	86.5	86.5	85.6	84.2
Blast furnaces and basic steel products	74.5	73.6	74.1	72.6	72.0	71.6	72.2	72.3	73.3	73.3	73.4	72.6	70.8
Fabricated metal products	100.4	100.9	100.1	99.1	99.6	100.1	99.9	101.1	101.6	101.3	101.3	100.3	100.5
Industrial machinery and equipment	89.6	89.3	89.5	89.2	89.6	90.4	90.2	90.5	90.9	90.5	91.2	91.0	90.8
Electronic and other electrical equipment	99.0	99.0	98.6	98.1	98.8	99.2	99.2	99.6	100.2	100.3	100.5	100.1	99.1
Transportation equipment	111.0	110.0	110.8	108.0	107.8	109.0	110.5	112.1	112.1	111.2	110.1	108.3	107.0
Motor vehicles and equipment	126.7	126.3	126.8	121.1	121.9	127.2	132.2	142.9	139.0	136.6	136.3	131.1	130.3
Instruments and related products	80.3	80.1	79.4	79.1	78.9	78.4	77.8	77.9	77.3	77.1	77.3	76.5	75.8
Miscellaneous manufacturing	99.0	99.4	97.3	97.4	97.5	97.3	97.0	96.9	97.6	98.0	99.4	97.8	96.3
Nondurable goods	105.5	105.7	105.0	105.2	104.8	105.0	105.0	105.5	105.8	104.8	105.4	105.3	104.9
Food and kindred products	110.0	110.9	110.1	109.9	110.4	110.6	110.2	110.7	111.2	110.3	110.6	109.5	109.5
Tobacco products	71.1	70.9	71.1	69.6	68.4	65.9	69.3	68.6	68.1	65.4	65.8	66.5	66.5
Textile mill products	98.8	98.8	97.6	99.7	96.5	97.7	98.4	98.7	99.2	94.8	99.4	98.9	97.5
Apparel and other textile products	92.5	93.2	91.6	91.7	91.4	91.8	91.3	91.9	91.6	91.1	90.2	91.0	90.0
Paper and allied products	110.6	109.9	109.9	111.5	109.6	109.6	109.4	109.4	110.4	109.6	109.5	109.5	109.3
Printing and publishing	121.9	122.4	122.1	122.1	122.2	121.9	122.1	122.2	122.2	122.4	123.3	122.8	123.3
Chemicals and allied products	100.3	99.5	99.5	98.7	98.5	98.5	98.3	98.9	98.7	98.8	99.0	100.3	99.9
Petroleum and coal products	85.6	86.0	86.8	86.0	86.7	86.7	85.5	87.1	87.4	85.4	87.9	86.3	85.9
Rubber and misc. plastics products	127.8	128.1	127.1	126.4	126.6	127.6	128.3	129.4	130.4	129.9	129.7	129.9	129.4
Leather and leather products	56.0	57.7	56.2	56.0	56.8	56.8	56.5	56.6	56.9	56.3	55.6	55.2	54.2
Service-producing	129.3	129.3	130.8	129.6	130.7	131.6	130.8	131.8	131.8	131.3	132.4	134.4	133.0
Transportation and public utilities	112.7	113.4	114.4	113.5	113.7	115.2	114.3	116.1	115.7	116.1	115.5	116.4	115.1
Wholesale trade	113.3	113.2	114.2	113.1	113.7	114.6	113.7	114.5	114.8	114.7	114.7	116.1	114.9
Retail trade	120.3	119.6	120.8	121.4	121.1	121.6	121.5	122.0	122.3	119.9	122.6	123.9	122.6
Finance, insurance, and real estate	117.0	115.6	118.9	116.5	117.6	119.5	116.7	117.9	117.2	116.9	117.2	120.0	117.8
Services	148.9	149.5	151.2	148.9	151.4	152.1	151.3	152.5	152.5	152.9	154.0	156.7	155.4

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.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
SEASONALLY ADJUSTED**

C-7. Average hourly and weekly earnings of production or nonsupervisory workers' on private nonfarm payrolls, seasonally adjusted

Industry	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Average hourly earnings													
Total private (in current dollars)	\$10.56	\$10.57	\$10.63	\$10.62	\$10.65	\$10.69	\$10.68	\$10.73	\$10.74	\$10.78	\$10.77	\$10.81	\$10.80
Mining	14.53	14.53	14.57	14.57	14.61	14.65	14.57	14.58	14.55	14.64	14.84	14.76	14.57
Construction	14.22	14.15	14.21	14.11	14.19	14.23	14.21	14.19	14.22	14.28	14.28	14.13	14.12
Manufacturing	11.45	11.46	11.50	11.51	11.52	11.55	11.58	11.61	11.64	11.66	11.71	11.71	11.72
Excluding overtime ²	10.94	10.95	11.00	11.03	11.01	11.03	11.06	11.08	11.10	11.13	11.13	11.15	11.17
Transportation and public utilities	13.44	13.43	13.50	13.53	13.56	13.62	13.55	13.57	13.58	13.64	13.61	13.63	13.63
Wholesale trade	11.36	11.38	11.49	11.42	11.48	11.52	11.46	11.57	11.57	11.59	11.67	11.74	11.69
Retail trade	7.11	7.13	7.15	7.18	7.18	7.19	7.21	7.23	7.25	7.27	7.25	7.28	7.28
Finance, insurance, and real estate	10.75	10.77	10.95	10.85	10.93	11.06	10.99	11.09	11.09	11.11	11.15	11.33	11.24
Services	10.53	10.54	10.61	10.61	10.65	10.69	10.67	10.75	10.75	10.76	10.73	10.80	10.78
Total private (in constant dollars) ³	7.42	7.40	7.43	7.41	7.40	7.41	7.40	7.40	7.38	7.39	7.36	7.38	(*)
Average weekly earnings													
Total private:													
In current dollars	362.21	362.55	367.80	363.20	366.36	369.87	366.32	370.19	369.46	368.68	370.49	375.11	371.52
In constant (1982) dollars ³	254.36	253.89	257.02	253.45	254.59	256.50	253.68	255.30	253.92	252.87	253.24	256.05	(*)

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 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

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

C-8. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Alabama	41.2	41.2	41.6	\$9.95	\$10.39	\$10.27	\$409.94	\$428.07	\$427.23
Birmingham	40.3	44.2	44.2	10.50	11.05	11.04	423.15	488.41	487.97
Mobile	41.6	43.1	43.1	12.13	12.65	12.55	504.61	545.22	540.91
Alaska	38.9	39.4	40.2	11.96	11.24	12.28	465.24	442.86	493.66
Arizona	40.8	40.6	40.9	11.02	11.16	11.03	449.62	453.10	451.13
Arkansas	41.7	40.9	41.7	9.01	9.22	9.24	375.72	377.10	385.31
Fayetteville-Springdale	41.5	40.6	42.4	8.36	8.33	8.49	346.94	338.20	359.98
Fort Smith	40.9	40.6	41.5	9.30	9.47	9.62	380.37	384.48	399.23
Little Rock-North Little Rock	41.4	41.1	42.0	9.55	9.70	9.76	395.37	398.67	409.92
Pine Bluff	42.7	43.1	45.1	10.35	10.73	10.35	441.95	482.46	466.79
California	40.6	40.3	40.7	12.14	12.24	12.30	492.88	493.27	500.61
Anaheim-Santa Ana	40.6	40.0	40.4	12.14	12.30	12.49	492.88	492.00	504.60
Bakersfield	39.8	39.5	39.5	12.67	13.14	13.00	504.27	519.03	513.50
Fresno	39.8	40.0	40.5	10.36	10.21	10.28	412.33	408.40	416.34
Los Angeles-Long Beach	41.5	40.9	41.3	11.41	11.34	11.42	473.52	463.81	471.65
Modesto	38.8	39.7	39.1	11.78	12.03	12.16	457.06	477.59	475.46
Oakland	40.8	39.9	40.7	14.26	14.44	14.44	581.81	576.16	587.71
Oxnard-Ventura	40.9	40.8	41.5	11.63	11.42	11.37	475.67	465.94	471.86
Riverside-San Bernardino	40.3	40.2	40.7	11.23	11.57	11.60	452.57	465.11	472.12
Sacramento	39.8	39.6	39.6	12.78	12.92	12.94	508.64	511.63	512.42
Salinas-Seaside-Monterey	39.8	40.0	41.2	12.22	12.55	12.32	486.36	502.00	507.58
San Diego	39.7	39.5	40.6	12.36	12.66	12.73	490.69	500.07	516.84
San Francisco	39.6	39.5	40.4	13.16	13.57	13.43	521.14	536.02	542.57
San Jose	40.4	42.5	41.7	14.84	15.02	14.99	599.54	638.35	625.08
Santa Barbara-Santa Maria-Lompoc	40.5	40.3	40.6	12.47	13.13	12.94	505.04	529.14	525.36
Santa Rosa-Petaluma	39.1	39.6	39.7	12.20	13.23	13.30	477.02	523.91	528.01
Stockton	42.3	41.7	42.3	11.82	12.17	12.12	499.99	507.49	512.68
Vallejo-Fairfield-Napa	39.0	38.4	39.4	14.02	14.35	14.16	546.78	551.04	557.90
Colorado	41.0	40.1	41.1	11.22	11.90	11.98	460.02	477.19	492.38
Denver	41.8	40.5	41.7	12.34	12.95	12.78	515.81	524.48	532.93
Connecticut	41.8	41.4	41.8	12.40	12.87	12.85	518.32	532.82	537.13
Bridgeport-Milford	43.0	41.3	41.5	12.96	13.34	13.32	557.28	550.94	552.78
Hartford	42.2	40.1	41.1	13.30	14.04	13.93	561.26	563.00	572.52
New Britain	43.3	42.1	42.5	12.96	13.09	13.39	561.17	551.09	569.08
New Haven-Meriden	40.3	42.3	41.8	12.25	12.75	12.76	493.68	539.33	533.37
Stamford	42.0	42.7	42.2	12.07	10.69	10.87	506.94	456.46	458.71
Waterbury	43.7	42.8	43.4	11.24	11.64	11.64	491.19	498.19	505.18
Delaware	40.9	40.3	42.7	12.29	12.99	13.55	502.66	523.50	578.59
Wilmington	41.0	40.8	43.2	14.64	15.40	15.94	600.24	628.32	688.61
District of Columbia:									
Washington MSA	39.0	39.6	39.5	13.86	14.36	14.21	540.54	568.66	561.30
Florida	40.7	40.5	41.1	9.51	9.74	9.75	387.06	394.47	400.73
Georgia	41.4	41.2	41.7	9.87	10.08	10.07	408.62	415.30	419.92
Atlanta	40.6	41.1	41.2	11.24	11.42	11.43	456.34	469.36	470.92
Savannah	47.3	44.9	45.5	12.84	13.22	13.12	607.33	593.58	596.96
Hawaii	39.7	39.1	39.3	11.55	12.09	12.02	458.54	472.72	472.39
Honolulu	39.2	39.0	38.8	12.20	12.45	12.31	478.24	485.55	477.63
Idaho	39.3	39.2	41.1	11.38	11.84	11.96	447.23	464.13	491.56
Illinois	41.1	41.1	41.2	11.85	12.06	12.09	487.04	495.67	498.11
Aurora-Elgin	41.1	41.8	41.6	11.61	11.94	11.93	477.17	499.09	496.29
Bloomington-Normal	41.1	41.6	41.5	14.46	15.89	15.87	594.31	661.02	658.61
Champaign-Urbana-Rantoul	40.9	40.5	40.7	10.15	10.36	10.36	415.14	419.58	421.65
Chicago	40.8	41.0	41.1	11.64	11.81	11.84	474.91	484.21	486.62
Davenport-Rock Island-Moline	41.1	41.6	41.5	14.00	14.02	14.07	575.40	583.23	583.91
Decatur	41.2	41.7	41.8	14.92	14.98	14.87	614.70	624.67	621.57
Joliet	40.8	40.7	41.0	13.80	13.63	13.68	563.04	554.74	560.88
Kankakee	39.7	41.5	41.8	11.86	12.60	12.63	470.84	522.90	527.93
Lake County	40.0	39.7	40.0	11.51	11.95	11.97	460.40	474.42	478.80
Peoria	42.0	42.2	42.6	14.62	14.89	14.97	614.04	628.36	637.72
Rockford	40.2	42.0	42.2	12.66	13.26	13.11	508.93	556.92	553.24
Springfield	39.4	39.9	40.3	11.43	11.43	11.39	450.34	456.06	459.02

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

C-8. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Indiana	42.5	42.1	42.7	\$12.80	\$13.14	\$13.04	\$544.00	\$553.19	\$556.81
Anderson	41.9	39.0	41.7	17.12	19.28	19.25	717.33	751.92	802.73
Bloomington	39.5	36.2	39.5	12.00	11.90	11.26	474.00	430.78	444.77
Elkhart-Goshen	40.9	39.8	39.6	10.24	10.87	10.98	418.82	432.63	434.81
Evansville	41.9	42.7	42.4	12.82	12.70	12.59	537.16	542.29	533.82
Fort Wayne	41.2	40.7	41.7	13.41	13.81	13.43	552.49	562.07	560.03
Gary-Hammond	43.2	42.8	43.3	16.92	17.86	17.86	730.94	764.41	773.34
Indianapolis	42.9	42.2	42.8	13.54	13.73	13.58	580.87	579.41	581.22
Kokomo	41.3	42.7	41.1	17.44	17.20	17.58	720.27	734.44	722.54
Lafayette-West Lafayette	43.2	41.4	40.3	13.36	13.63	13.81	577.15	564.28	556.54
Muncie	44.2	42.8	43.9	13.45	14.84	14.44	594.49	635.15	633.92
South Bend-Mishawaka	41.8	42.2	42.8	11.63	11.64	11.96	486.13	491.21	511.89
Terre Haute	43.8	43.2	44.9	11.67	13.44	13.18	511.15	580.61	591.78
Iowa	41.2	41.2	41.3	11.93	12.19	12.18	491.52	502.23	503.03
Cedar Rapids	39.2	41.6	41.5	14.54	14.85	14.66	569.97	617.76	608.39
Des Moines	41.6	39.2	38.6	12.89	13.10	13.00	536.22	513.52	501.80
Dubuque	41.0	41.6	40.2	12.36	12.58	12.69	506.76	523.33	510.14
Sioux City	38.5	40.1	40.2	9.89	9.87	9.77	380.77	395.79	392.75
Kansas	40.8	41.1	40.9	11.54	11.99	11.94	470.83	492.79	488.35
Topeka	41.0	43.4	44.3	13.86	13.79	13.96	568.26	598.49	618.43
Wichita	40.9	41.4	41.1	13.40	13.83	13.93	548.06	572.56	572.52
Kentucky	40.5	40.1	40.5	11.33	11.41	11.52	458.87	457.54	466.56
Lexington-Fayette	41.1	40.4	40.6	12.13	12.10	12.19	498.54	488.84	494.91
Louisville	41.3	41.2	40.5	12.78	13.15	13.16	527.81	541.78	532.98
Louisiana	42.4	42.2	42.0	12.20	12.64	12.82	517.28	533.41	538.44
Baton Rouge	45.5	43.0	43.2	14.38	14.38	15.27	654.29	618.34	659.66
New Orleans	40.9	42.1	40.9	11.92	12.69	12.49	487.53	534.25	510.84
Shreveport	40.4	42.9	41.6	13.03	13.63	13.22	526.41	584.73	549.95
Maine	40.2	40.4	40.7	11.34	11.65	11.57	455.87	470.66	470.90
Lewiston-Auburn	38.9	40.1	39.4	9.60	9.80	10.01	373.44	392.98	394.39
Portland	37.8	38.0	38.1	10.56	10.62	10.70	399.17	403.56	407.67
Maryland	40.7	40.7	41.2	12.43	12.86	12.85	505.90	523.40	529.42
Baltimore MSA	41.2	40.8	41.6	12.99	13.52	13.42	535.19	551.62	558.27
Massachusetts	41.2	41.1	41.2	12.14	12.30	12.31	500.17	505.53	507.17
Boston	40.8	40.7	40.7	12.94	13.20	13.19	527.95	537.24	536.83
Springfield	40.7	40.4	41.0	11.66	12.17	12.14	474.56	491.67	497.74
Worcester	41.9	42.3	42.1	11.56	11.57	11.57	484.36	489.41	487.10
Michigan	42.8	42.3	43.0	14.84	15.15	15.31	635.15	640.84	658.33
Ann Arbor	43.0	42.7	44.1	16.51	16.69	17.02	709.93	712.66	750.58
Battle Creek	44.1	43.4	44.5	15.64	16.10	16.10	689.72	698.74	716.45
Detroit	43.8	43.1	44.4	15.95	16.35	16.50	698.61	704.68	732.60
Flint	42.7	43.0	43.2	18.47	19.20	19.27	788.67	825.60	832.46
Grand Rapids	41.3	41.8	41.4	12.43	12.57	12.60	513.36	525.43	521.64
Jackson	42.9	41.4	41.9	10.90	10.90	10.90	467.61	451.26	456.71
Kalamazoo	42.8	42.9	43.4	14.61	14.54	14.69	625.31	623.77	637.55
Lansing-East Lansing	43.8	41.6	40.8	17.23	16.58	16.60	754.67	689.73	677.28
Muskegon	39.7	40.5	40.8	12.27	12.15	12.24	487.12	492.07	499.39
Saginaw-Bay City-Midland	43.8	44.9	45.0	16.52	17.50	17.55	723.58	785.75	789.75
Minnesota	40.5	40.8	40.8	11.89	12.21	12.21	481.55	498.17	498.17
Duluth	42.3	38.8	38.9	11.72	11.56	11.51	495.76	448.53	447.74
Minneapolis-St. Paul	40.9	40.9	41.0	12.62	12.89	12.93	516.16	527.20	530.13
St. Cloud	38.8	38.4	37.7	10.39	10.68	10.62	403.13	410.11	400.37
Mississippi	40.4	40.1	40.4	8.91	9.11	9.12	359.96	365.31	388.45
Jackson	41.0	38.7	39.3	9.57	9.88	9.84	392.37	382.36	386.71
Missouri	40.8	41.0	41.6	11.27	11.47	11.47	459.82	470.27	477.15
Kansas City	42.3	40.3	40.4	13.04	13.18	13.22	551.59	531.15	534.09
St. Louis	42.1	42.4	43.0	13.62	13.74	13.69	573.40	582.58	588.67
Springfield	39.8	39.9	40.8	10.16	9.96	10.02	404.37	397.40	408.82
Montana	38.5	38.0	38.0	12.04	12.19	12.27	463.54	463.22	466.26

See footnotes at end of table.

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

C-8. 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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Nebraska	41.0	39.8	39.8	\$10.25	\$10.47	\$10.39	\$420.25	\$416.71	\$413.52
Lincoln	41.5	39.4	38.2	11.54	11.73	11.86	478.91	462.16	453.05
Omaha	42.3	39.7	39.2	10.79	10.93	10.80	456.42	433.92	423.36
Nevada	40.6	40.8	42.9	11.60	11.73	11.46	470.96	478.58	491.63
Las Vegas	40.0	41.5	42.1	12.81	12.92	12.85	512.40	536.18	540.99
New Hampshire	41.6	42.2	41.9	11.09	11.65	11.56	461.34	491.63	484.36
Manchester	41.3	42.4	41.4	11.01	10.69	10.71	454.71	453.26	443.39
Nashua	41.9	44.3	44.0	13.53	15.12	15.15	566.91	669.82	666.60
Portsmouth-Dover-Rochester	41.8	42.9	42.2	10.87	11.43	11.45	454.37	490.35	483.19
New Jersey	41.6	41.3	41.5	12.62	12.91	12.90	524.99	533.18	535.35
New Mexico	40.2	40.4	41.1	9.80	9.83	9.78	393.96	397.13	401.96
Albuquerque	40.5	41.5	42.0	10.10	10.13	9.92	409.05	420.40	416.64
New York	40.0	40.1	40.3	11.69	11.98	12.00	467.60	480.40	483.60
Albany-Schenectady-Troy	40.3	40.6	40.5	12.62	13.20	13.32	508.59	535.92	539.46
Binghamton	40.1	41.7	41.1	9.63	10.07	9.76	386.16	419.92	401.14
Buffalo	43.5	44.9	44.7	14.02	14.53	14.73	609.87	652.40	658.43
Elmira	40.4	42.4	42.8	10.84	11.17	11.10	437.94	473.61	475.08
Nassau-Suffolk	39.7	38.6	40.2	11.73	11.52	11.38	465.68	444.67	457.48
New York PMSA	37.5	37.6	37.7	10.55	10.75	10.75	395.63	404.20	405.28
New York City	37.2	37.3	37.4	10.30	10.48	10.49	383.16	390.90	392.33
Niagara Falls	41.4	40.7	40.7	15.25	15.27	15.24	631.35	621.49	620.27
Orange County	39.8	40.7	41.0	9.94	10.36	10.59	395.61	421.65	434.19
Poughkeepsie	38.2	42.0	40.9	11.18	10.65	10.64	427.08	447.30	435.18
Rochester	41.7	41.0	41.6	13.53	13.98	13.89	564.20	573.18	577.82
Rockland County	43.6	43.8	42.9	13.77	13.95	14.05	600.37	611.01	602.75
Syracuse	41.2	40.9	41.8	13.19	13.27	13.42	543.43	542.74	560.96
Utica-Rome	39.8	41.1	41.0	11.00	11.11	11.14	437.80	456.62	456.74
Westchester County	39.6	38.1	38.9	12.26	11.73	11.66	485.50	446.91	453.57
North Carolina	40.6	40.2	40.9	9.43	9.81	9.78	382.86	394.36	400.00
Asheville	41.6	40.7	40.5	9.49	9.81	9.77	394.78	399.27	395.69
Charlotte-Gastonia-Rock Hill	40.5	40.4	41.3	10.04	10.31	10.26	406.62	416.52	423.74
Greensboro-Winston-Salem-High Point	39.7	39.6	39.6	10.13	10.59	10.54	402.16	419.36	417.38
Raleigh-Durham	41.7	41.3	41.3	10.15	10.75	10.79	423.26	443.98	445.63
North Dakota	41.3	42.1	42.1	9.67	10.01	10.11	399.37	421.42	425.63
Fargo-Moorhead	39.5	39.3	39.7	9.02	9.44	9.33	356.29	370.99	370.40
Ohio	42.4	42.6	42.9	13.57	13.98	14.02	575.37	595.55	601.46
Akron	42.6	42.7	42.8	12.48	12.77	12.73	531.65	545.28	544.84
Canton	41.1	40.9	41.1	11.88	12.19	12.22	488.27	498.57	502.24
Cincinnati	42.4	41.4	41.6	12.92	12.89	12.81	547.81	533.65	532.90
Cleveland	42.5	41.8	42.5	12.98	13.13	13.33	551.65	548.83	566.53
Columbus	42.2	42.0	42.1	13.25	13.47	13.47	559.15	565.74	567.09
Dayton-Springfield	42.4	43.5	43.6	14.69	15.32	15.28	622.86	666.42	666.21
Toledo	42.9	43.9	44.5	14.80	15.26	15.49	634.92	669.91	689.31
Youngstown-Warren	42.5	42.5	42.1	16.00	16.46	16.46	680.00	699.55	692.97
Oklahoma	41.5	41.6	42.4	11.76	11.51	11.63	488.04	478.82	493.11
Oklahoma City	42.2	43.5	44.6	13.01	12.19	12.62	549.02	530.27	562.85
Tulsa	41.2	40.4	41.4	12.03	11.86	11.87	495.64	479.14	491.42
Oregon	39.7	39.4	40.2	11.96	12.15	12.22	474.81	478.71	491.24
Eugene-Springfield	40.2	39.8	39.2	11.84	12.28	12.29	475.97	488.74	481.77
Medford	41.0	40.1	42.1	11.38	11.63	11.71	466.58	466.36	492.99
Portland	39.4	39.6	40.0	12.30	12.32	12.46	484.62	487.87	498.40
Salem	38.8	38.5	38.3	10.71	10.34	10.78	415.55	398.09	412.87
Pennsylvania	40.8	40.9	41.1	11.83	12.08	12.08	482.66	494.07	496.49
Allentown-Bethlehem	40.2	40.2	40.3	11.88	12.04	12.05	477.58	484.01	485.62
Altoona	39.0	40.8	40.3	10.00	10.24	10.12	390.00	417.79	407.84
Beaver County	44.6	45.1	45.0	11.68	11.79	11.88	520.93	531.73	534.60
Erie	43.5	43.8	43.9	12.36	12.68	12.69	537.66	555.38	557.09
Harrisburg-Lebanon-Carlisle	39.4	39.8	40.5	11.10	11.47	11.50	437.34	456.51	465.75
Johnstown	40.0	39.1	39.6	9.08	9.05	9.13	363.20	353.86	361.55

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

C-8. 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 1992	Apr. 1993	May 1993 ^p	May 1992	Apr. 1993	May 1993 ^p	May 1992	Apr. 1993	May 1993 ^p
Pennsylvania-Continued									
Lancaster	40.1	41.0	40.5	\$11.60	\$11.87	\$11.88	\$465.16	\$486.67	\$481.14
Philadelphia PMSA	40.6	40.9	41.2	13.01	13.43	13.43	528.21	549.29	553.32
Pittsburgh	41.2	41.1	41.2	12.29	12.82	12.79	506.35	526.90	526.95
Reading	40.1	40.9	41.5	12.39	12.53	12.49	496.84	512.48	518.34
Scranton-Wilkes-Barre	39.7	39.7	39.6	10.46	10.71	10.64	415.26	425.19	421.34
Sharon	42.8	42.8	43.6	12.45	12.15	12.11	532.86	520.02	528.00
State College	39.7	39.5	39.3	10.46	10.45	10.56	415.26	412.78	415.01
Williamsport	40.7	40.4	40.1	10.27	10.46	10.40	417.99	422.58	417.04
York	41.5	41.5	42.0	11.58	11.82	11.94	480.57	490.53	501.48
Rhode Island									
Pawtucket-Woonsocket-Attleboro	40.5	39.6	39.9	9.83	9.94	9.98	398.12	393.62	398.20
Providence	40.6	40.4	40.7	9.36	9.55	9.44	380.02	385.82	384.21
Providence	40.3	39.4	39.5	10.00	10.30	10.44	403.00	405.82	412.38
South Carolina									
.....	41.8	41.3	41.5	9.42	9.76	9.80	393.76	403.09	406.70
South Dakota									
Rapid City	41.2	40.1	40.8	8.84	8.87	8.78	364.21	355.69	358.22
Rapid City	42.7	38.9	41.1	9.45	9.12	8.83	403.52	354.77	362.91
Sioux Falls	40.8	39.3	40.1	8.90	9.00	9.01	363.12	353.70	361.30
Tennessee									
.....	40.5	40.7	40.9	10.18	10.36	10.26	412.29	421.65	419.63
Chattanooga	41.1	40.3	40.8	9.59	9.81	9.70	394.15	395.34	395.76
Johnson City-Kingsport-Bristol	39.7	39.0	39.5	11.49	10.63	10.67	456.15	414.57	421.47
Knoxville	40.4	39.3	40.2	9.99	10.19	10.07	403.60	400.47	404.81
Memphis	40.8	41.5	41.5	10.43	10.60	10.54	425.54	439.90	437.41
Nashville	40.3	40.4	40.5	11.30	11.23	11.20	455.39	453.69	453.60
Texas									
.....	42.6	42.0	42.4	10.89	11.13	11.12	463.91	467.46	471.49
Dallas	41.7	41.6	42.5	10.63	10.87	10.91	443.27	452.19	463.68
Ft. Worth-Arlington	41.9	41.5	42.0	11.60	11.98	11.97	486.04	497.17	502.74
Houston	44.2	43.8	44.3	13.32	13.45	13.34	588.74	589.11	590.96
San Antonio	41.4	42.2	43.2	8.25	8.50	8.57	341.55	358.70	370.22
Utah									
.....	40.0	39.4	39.8	11.12	11.21	11.23	444.80	441.67	446.95
Salt Lake City-Ogden	40.9	40.7	40.7	11.20	11.32	11.36	458.08	460.72	462.35
Vermont									
.....	40.3	41.7	42.2	11.26	12.15	11.89	453.78	506.66	501.76
Burlington	38.8	45.1	49.0	11.66	12.28	12.29	452.41	553.83	602.21
Virginia									
.....	41.2	40.4	40.9	10.85	10.86	10.84	438.78	438.74	443.36
Bristol	40.7	40.7	40.9	9.08	9.17	9.07	369.56	373.22	370.96
Charlottesville	40.4	39.0	40.3	9.37	9.80	9.82	378.55	382.20	395.75
Danville	43.7	41.5	41.9	10.63	11.13	10.93	464.53	461.90	457.97
Lynchburg	43.6	42.3	43.7	10.42	10.97	10.98	454.31	464.03	479.83
Northern Virginia	41.4	40.2	40.8	12.54	13.94	13.89	519.16	560.39	566.71
Richmond-Petersburg	41.9	41.3	41.6	13.91	13.29	13.65	582.83	548.88	567.84
Roanoke	42.1	41.1	40.1	12.47	12.49	12.47	524.99	513.34	500.05
Washington									
.....	40.1	39.8	40.4	13.43	13.99	13.83	538.54	556.80	558.73
West Virginia									
.....	40.9	40.9	41.4	12.11	12.28	12.35	495.30	502.25	511.29
Charleston	43.7	42.8	47.6	14.82	15.42	14.50	647.63	656.89	690.20
Huntington-Ashland	41.0	40.5	40.3	14.02	13.64	13.88	574.82	552.42	559.36
Parkersburg-Marietta	41.7	41.1	41.8	14.45	14.97	14.60	602.57	615.27	610.28
Wheeling	39.8	42.8	41.1	14.08	14.11	14.16	559.59	603.91	581.98
Wisconsin									
.....	41.8	41.5	41.9	11.84	12.23	12.18	494.91	507.55	510.34
Appleton-Oshkosh	43.5	43.2	43.8	12.71	13.10	13.18	552.89	565.92	577.28
Eau Claire	42.9	41.1	40.5	11.67	12.01	12.46	500.64	493.61	504.63
Green Bay	42.4	41.4	42.7	12.98	12.56	13.08	550.35	519.98	558.52
Janesville-Beloit	46.4	45.7	44.5	15.16	16.29	15.98	703.42	744.45	711.11
Kenosha	42.0	39.5	39.0	12.20	13.02	13.17	512.40	514.29	513.63
La Crosse	39.8	39.6	39.5	10.49	10.80	10.57	417.50	427.68	417.52
Madison	40.0	40.5	40.0	11.01	11.16	11.17	440.40	451.98	446.80
Milwaukee	41.0	41.2	40.8	12.87	13.08	12.97	527.67	538.90	529.18
Racine	39.4	39.1	40.1	12.32	12.58	12.34	485.41	491.88	494.83
Sheboygan	41.0	40.4	40.8	12.01	12.19	12.10	492.41	492.48	493.68
Wausau	42.6	42.2	42.5	11.13	11.80	11.71	474.14	497.96	497.68
Wyoming									
.....	38.6	38.4	39.1	10.93	11.90	11.43	421.90	456.96	446.91
Puerto Rico									
.....	39.9	39.8	39.8	6.64	6.97	6.96	264.93	277.41	277.01
Virgin Islands									
.....	41.7	42.7	42.7	13.84	14.79	14.64	577.13	631.53	625.13

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 1992 benchmarks.

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

C-9. Hours of wage and salary workers in nonagricultural establishments by major industry, seasonally adjusted

Industry	Millions of hours (annual rate) ¹			Percent change		
	Apr. 1993 ^r	May 1993 ^r	June 1993 ^p	June 1992 to June 1993 ^p	Apr. 1993 to May 1993 ^r	May 1993 to June 1993 ^p
Total	202,785	205,265	203,366	1.6	1.2	-0.9
Private sector	165,210	167,158	165,534	1.7	1.2	-1.0
Mining	1,373	1,393	1,353	-4.6	1.5	-2.9
Construction	8,902	9,224	9,141	3.0	3.6	-.9
Manufacturing	38,326	38,185	37,998	-1.3	-.4	-.5
Durable goods	21,889	21,749	21,613	-1.9	-.6	-.6
Nondurable goods	16,437	16,436	16,385	-.6	.0	-.3
Transportation and public utilities	11,747	11,864	11,716	1.9	1.0	-1.2
Wholesale trade	12,073	12,224	12,107	1.1	1.3	-1.0
Retail trade	29,425	29,688	29,436	2.0	.9	-.8
Finance, insurance, and real estate	12,190	12,498	12,223	.1	2.5	-2.2
Services	51,175	52,081	51,559	4.2	1.8	-1.0
Government	37,574	38,107	37,832	1.4	1.4	-.7

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).

C-10. Indexes of productivity, hourly compensation, unit costs, and prices, seasonally adjusted

(1982=100)

Item	Annual average		Quarterly index										
	1991'	1992'	1990		1991				1992				1993
			III'	IV'	I'	II'	III'	IV'	I'	II'	III'	IV'	I'
Business sector													
Output per hour of all persons	110.2	113.3	110.1	109.8	109.4	109.9	110.5	111.3	112.5	112.7	113.6	114.6	114.1
Output	129.8	132.8	132.5	131.3	129.2	129.5	130.0	130.6	131.4	131.9	133.0	134.7	134.9
Hours	117.7	117.2	120.3	119.6	118.1	117.8	117.6	117.3	116.7	117.0	117.1	117.6	118.2
Compensation per hour	146.8	152.1	141.5	143.1	144.2	146.3	147.7	149.0	150.7	151.3	152.7	154.2	155.6
Real compensation per hour	104.0	104.6	103.8	103.3	103.1	104.0	104.3	104.4	104.7	104.3	104.6	104.8	104.8
Unit labor costs	133.1	134.3	128.4	130.3	131.9	133.2	133.7	133.8	133.9	134.2	134.4	134.6	136.3
Unit nonlabor payments	142.5	148.9	139.1	139.4	141.1	141.7	143.0	144.2	146.8	148.8	148.1	151.9	151.1
Implicit price deflator	136.2	139.1	131.9	133.3	134.9	136.0	136.7	137.3	138.2	139.0	138.9	140.3	141.2
Nonfarm business sector													
Output per hour of all persons	108.8	111.7	108.5	108.3	108.0	108.5	109.1	109.7	110.9	111.2	112.0	112.9	112.4
Output	130.0	132.9	132.7	131.5	129.4	129.7	130.2	130.7	131.5	132.0	133.2	134.8	135.1
Hours	119.5	119.0	122.4	121.4	119.9	119.5	119.4	119.1	118.6	118.7	118.9	119.4	120.2
Compensation per hour	145.7	150.9	140.1	141.9	143.1	145.2	146.6	147.8	149.4	150.1	151.4	152.9	154.1
Real compensation per hour	103.2	103.8	102.7	102.4	102.3	103.3	103.5	103.5	103.8	103.5	103.7	103.9	103.8
Unit labor costs	133.8	135.1	129.1	131.0	132.5	133.8	134.4	134.7	134.8	135.0	135.2	135.4	137.1
Unit nonlabor payments	143.7	150.4	139.6	140.5	142.4	142.4	144.2	145.8	148.2	150.4	149.6	153.3	152.6
Implicit price deflator	137.0	140.0	132.5	134.1	135.7	136.6	137.5	138.3	139.1	139.9	139.9	141.2	142.1
Manufacturing													
Output per hour of all persons	123.6	129.3	122.0	122.2	121.8	122.9	124.6	125.4	126.8	128.4	129.6	131.8	133.4
Output	126.8	130.8	130.6	128.6	125.5	125.8	127.8	128.2	128.8	130.5	130.9	133.0	135.1
Hours	102.6	101.2	107.0	105.2	103.1	102.3	102.6	102.2	101.6	101.6	100.9	100.9	101.3
Compensation per hour	141.2	145.5	135.0	137.1	138.9	140.8	141.8	143.6	143.2	144.5	145.7	148.0	148.2
Real compensation per hour	100.0	100.1	99.0	98.9	99.3	100.1	100.2	100.6	99.5	99.6	99.8	100.6	99.8
Unit labor costs	114.2	112.5	110.7	112.2	114.1	114.5	113.9	114.5	113.0	112.5	112.4	112.2	111.1
Durable goods													
Output per hour of all persons	131.3	139.9	129.6	129.6	129.1	130.0	132.3	134.2	135.7	138.8	140.6	144.1	147.1
Output	132.3	137.7	138.1	134.9	131.0	131.0	133.2	133.9	134.7	137.1	137.8	141.1	144.6
Hours	100.7	98.4	106.6	104.1	101.5	100.8	100.6	99.8	99.3	98.8	98.0	97.9	98.3
Compensation per hour	139.0	143.0	132.8	135.0	136.6	138.4	139.5	141.8	140.6	141.9	143.0	145.9	145.4
Real compensation per hour	98.5	98.3	97.4	97.4	97.7	98.4	98.5	99.3	97.7	97.8	97.9	99.2	97.9
Unit labor costs	105.8	102.2	102.5	104.2	105.9	106.5	105.4	105.6	103.6	102.2	101.7	101.2	98.8
Nondurable goods													
Output per hour of all persons	114.1	116.4	112.7	113.2	112.8	114.3	115.0	114.6	115.8	115.9	116.4	117.1	117.0
Output	120.1	122.4	121.2	120.9	118.8	119.4	121.2	121.1	121.6	122.3	122.3	123.1	123.5
Hours	105.3	105.1	107.6	106.8	105.4	104.5	105.3	105.7	105.0	105.6	105.1	105.2	105.6
Compensation per hour	145.6	150.6	138.9	141.0	143.2	145.3	146.4	147.6	148.4	149.8	151.3	152.5	154.0
Real compensation per hour	103.1	103.6	101.9	101.7	102.4	103.3	103.4	103.4	103.1	103.3	103.6	103.7	103.7
Unit labor costs	127.6	129.4	123.2	124.6	127.0	127.1	127.3	128.8	128.1	129.3	130.0	130.2	131.7
Nonfinancial corporations													
Output per all-employee hour	114.1	117.7	112.3	112.8	113.1	113.8	114.3	115.5	116.3	116.9	118.2	119.6	118.9
Output	134.8	139.0	136.8	135.8	134.1	134.3	134.9	136.0	136.8	137.9	139.3	141.8	141.4
Hours	118.2	118.1	121.8	120.3	118.6	118.0	118.0	117.8	117.6	118.0	117.9	118.5	118.9
Compensation per hour	143.3	147.4	138.1	139.9	140.9	143.0	144.2	145.4	146.3	146.8	147.9	149.1	150.1
Real compensation per hour	101.5	101.4	101.3	100.9	100.7	101.7	101.9	101.9	101.6	101.3	101.3	101.3	101.1
Total unit costs	124.7	124.2	121.4	122.7	123.9	124.7	125.3	125.0	124.6	124.4	124.5	123.3	124.8
Unit labor costs	125.6	125.3	123.0	124.0	124.6	125.7	126.2	125.9	125.7	125.6	125.2	124.6	126.2
Unit nonlabor costs	122.6	121.5	117.4	119.5	122.2	122.1	123.1	122.8	121.7	121.4	122.8	120.0	121.0
Unit profits	152.9	182.7	157.2	149.7	151.3	154.5	150.7	155.2	167.7	179.6	179.3	203.4	194.8
Implicit price deflator	126.5	127.8	123.6	124.4	125.6	126.5	126.9	126.9	127.3	127.8	127.9	128.3	129.1

' = revised.

SOURCE: Office of Productivity and Technology (202-606-5606).

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

C-11. Percent changes from the preceding quarter and year in productivity, hourly compensation, unit costs, and prices, seasonally adjusted annual rates

Item	Percent change from											
	Previous quarter						Same quarter, previous year					
	IV 1991'	I 1992'	II 1992'	III 1992'	IV 1992'	I 1993'	IV 1991'	I 1992'	II 1992'	III 1992'	IV 1992'	I 1993'
Business sector												
Output per hour of all persons	3.2	4.3	0.7	3.2	3.4	-1.5	1.4	2.9	2.6	2.8	2.9	1.4
Output	2.0	2.3	1.6	3.6	5.2	.5	-5	1.7	1.9	2.4	3.2	2.7
Hours	-1.1	-1.9	.9	.3	1.8	2.0	-1.9	-1.2	-7	-5	.3	1.3
Compensation per hour	3.7	4.7	1.5	3.9	3.8	3.7	4.1	4.5	3.4	3.4	3.5	3.2
Real compensation per hour .....	.4	1.3	-1.6	1.2	.7	-1	1.1	1.6	.3	.3	.4	.0
Unit labor costs .....	.5	.3	.8	.7	.5	5.3	2.7	1.6	.8	.6	.5	1.8
Unit nonlabor payments	3.6	7.2	5.6	-1.8	10.8	-2.1	3.4	4.0	5.0	3.6	5.3	3.0
Implicit price deflator	1.6	2.6	2.4	-2	4.0	2.6	3.0	2.4	2.2	1.6	2.2	2.2
Nonfarm business sector												
Output per hour of all persons	2.4	4.2	1.4	2.7	3.2	-1.6	1.3	2.7	2.5	2.6	2.8	1.4
Output	1.6	2.3	1.7	3.5	5.1	.8	-6	1.6	1.8	2.3	3.1	2.8
Hours	-8	-1.8	.4	.7	1.8	2.5	-1.9	-1.1	-7	-4	.3	1.3
Compensation per hour	3.3	4.5	2.0	3.5	3.9	3.3	4.1	4.4	3.4	3.3	3.4	3.1
Real compensation per hour .....	.0	1.1	-1.1	.8	.7	-5	1.1	1.5	.3	.2	.3	-1
Unit labor costs .....	.9	.3	.6	.7	.6	5.0	2.8	1.7	.8	.6	.6	1.7
Unit nonlabor payments	4.7	6.7	6.2	-2.1	10.2	-1.9	3.8	4.1	5.6	3.8	5.1	3.0
Implicit price deflator	2.2	2.4	2.5	-3	3.9	2.5	3.1	2.5	2.5	1.7	2.1	2.1
Manufacturing												
Output per hour of all persons	2.7	4.5	5.3	3.8	7.0	4.8	2.6	4.1	4.5	4.1	5.2	5.2
Output	1.3	2.1	5.2	1.2	6.8	6.5	-3	2.6	3.7	2.4	3.8	4.9
Hours	-1.4	-2.3	-1	-2.6	-2	1.7	-2.8	-1.4	-7	-1.6	-1.3	-3
Compensation per hour	5.1	-1.1	3.6	3.4	6.3	.7	4.7	3.1	2.6	2.7	3.0	3.5
Real compensation per hour	1.8	-4.3	.4	.7	3.1	-3.0	1.7	.2	-4	-3	.0	.3
Unit labor costs	2.4	-5.4	-1.7	-4	-6	-3.9	2.1	-1.0	-1.8	-1.3	-2.0	-1.6
Durable goods												
Output per hour of all persons	5.9	4.6	9.4	5.3	10.3	8.6	3.6	5.2	6.8	6.3	7.4	8.4
Output	2.3	2.4	7.4	2.0	9.8	10.4	-8	2.9	4.7	3.5	5.4	7.3
Hours	-3.4	-2.0	-1.8	-3.2	-5	1.6	-4.2	-2.2	-2.0	-2.6	-1.9	-1.0
Compensation per hour	6.7	-3.2	3.7	3.1	8.4	-1.4	5.0	2.9	2.5	2.5	2.9	3.4
Real compensation per hour	3.4	-6.3	.5	.4	5.1	-5.0	2.0	.0	-6	-6	-2	.2
Unit labor costs .....	.8	-7.4	-5.2	-2.1	-1.8	-9.2	1.4	-2.2	-4.0	-3.5	-4.2	-4.6
Nondurable goods												
Output per hour of all persons	-1.6	4.5	.1	1.7	2.5	-4	1.2	2.7	1.4	1.2	2.2	1.0
Output	-1	1.7	2.3	.0	2.7	1.3	.2	2.3	2.4	1.0	1.7	1.6
Hours	1.5	-2.7	2.2	-1.7	.2	1.7	-1.0	-3	1.0	-2	-.5	.6
Compensation per hour	3.1	2.3	3.8	4.0	3.3	4.0	4.7	3.6	3.1	3.3	3.3	3.8
Real compensation per hour	-1	-1.0	.7	1.3	.1	.2	1.6	.7	.0	.2	.3	.6
Unit labor costs	4.8	-2.1	3.6	2.2	.8	4.4	3.4	.9	1.7	2.1	1.1	2.8
Nonfinancial corporations												
Output per all-employee hour	4.2	2.9	2.0	4.4	5.0	-2.4	2.3	2.9	2.8	3.4	3.6	2.2
Output	3.4	2.3	3.4	3.9	7.4	-1.1	.2	2.0	2.7	3.3	4.2	3.4
Hours	-7	-6	1.4	-5	2.2	1.4	-2.1	-8	.0	-1	.6	1.1
Compensation per hour	3.3	2.4	1.6	3.0	3.1	2.9	3.9	3.8	2.7	2.6	2.5	2.6
Real compensation per hour .....	.1	-.9	-1.5	.3	.0	-.9	.9	.9	-.4	-.5	-.5	-.5
Total unit costs	-.9	-1.4	-.6	.3	-3.8	4.8	1.9	.5	-2	-.6	-1.4	.1
Unit labor costs	-.8	-.5	-.4	-1.4	-1.8	5.4	1.5	.9	-.1	-.8	-1.0	.4
Unit nonlabor costs	-1.0	-3.5	-.9	4.8	-8.8	3.3	2.8	-.4	-.6	-.2	-2.2	-.5
Unit profits	12.6	36.3	31.5	-.6	65.5	-15.8	3.7	10.8	16.2	19.0	31.1	16.2
Implicit price deflator .....	.1	1.2	1.8	.2	1.1	2.7	2.0	1.3	1.0	.8	1.1	1.4

' = revised.

SOURCE: Office of Productivity and Technology (202-606-5606).

**HOUSEHOLD DATA
REGIONS AND DIVISIONS
SEASONALLY ADJUSTED**

D-1. Employment status of the civilian population for census regions and divisions, seasonally adjusted¹

(Numbers in thousands)

Census region and division	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
NORTHEAST													
Civilian noninstitutional population ²	39,477	39,486	39,498	39,505	39,518	39,533	39,547	39,551	39,555	39,567	39,570	39,572	39,577
Civilian labor force	25,557	25,575	25,605	25,576	25,567	25,727	25,746	25,688	25,612	25,564	25,425	25,591	25,534
Employed	23,402	23,391	23,481	23,440	23,489	23,641	23,653	23,649	23,665	23,703	23,588	23,756	23,733
Unemployed	2,155	2,184	2,124	2,137	2,078	2,086	2,093	2,039	1,947	1,862	1,837	1,835	1,802
Unemployment rate	8.4	8.5	8.3	8.4	8.1	8.1	8.1	7.9	7.6	7.3	7.2	7.2	7.1
New England													
Civilian noninstitutional population ²	10,206	10,211	10,216	10,220	10,224	10,231	10,236	10,239	10,241	10,247	10,244	10,243	10,242
Civilian labor force	7,002	7,062	7,079	7,055	7,075	7,140	7,123	7,127	7,054	7,054	6,985	7,007	7,082
Employed	6,433	6,513	6,524	6,480	6,511	6,544	6,530	6,562	6,524	6,557	6,499	6,536	6,633
Unemployed	569	549	556	575	564	597	593	565	530	497	486	470	449
Unemployment rate	8.1	7.8	7.8	8.2	8.0	8.4	8.3	7.9	7.5	7.0	7.0	6.7	6.3
Middle Atlantic													
Civilian noninstitutional population ²	29,270	29,276	29,281	29,285	29,294	29,302	29,312	29,312	29,314	29,320	29,326	29,329	29,335
Civilian labor force	18,555	18,513	18,526	18,521	18,492	18,587	18,623	18,561	18,558	18,511	18,440	18,585	18,452
Employed	16,969	16,879	16,957	16,960	16,978	17,098	17,123	17,087	17,141	17,146	17,089	17,220	17,100
Unemployed	1,586	1,635	1,569	1,562	1,514	1,489	1,500	1,474	1,417	1,365	1,351	1,365	1,353
Unemployment rate	8.5	8.8	8.5	8.4	8.2	8.0	8.1	7.9	7.6	7.4	7.3	7.3	7.3
SOUTH													
Civilian noninstitutional population ²	65,762	65,831	65,898	65,962	66,036	66,108	66,186	66,241	66,302	66,372	66,447	66,520	66,598
Civilian labor force	43,328	43,233	43,178	43,135	43,109	43,161	43,249	43,099	43,460	43,417	43,239	43,569	43,525
Employed	40,136	40,092	40,058	40,053	40,092	40,184	40,313	40,176	40,667	40,465	40,315	40,774	40,639
Unemployed	3,192	3,141	3,120	3,083	3,017	2,977	2,936	2,923	2,792	2,952	2,924	2,795	2,886
Unemployment rate	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.8	6.4	6.8	6.8	6.4	6.6
South Atlantic													
Civilian noninstitutional population ²	34,038	34,083	34,126	34,170	34,220	34,265	34,317	34,355	34,396	34,441	34,480	34,516	34,555
Civilian labor force	22,515	22,532	22,469	22,460	22,448	22,480	22,577	22,588	22,815	22,729	22,679	22,746	22,722
Employed	20,930	20,907	20,826	20,868	20,906	20,949	21,140	21,100	21,360	21,226	21,199	21,356	21,257
Unemployed	1,585	1,625	1,644	1,592	1,542	1,531	1,437	1,488	1,456	1,502	1,480	1,390	1,465
Unemployment rate	7.0	7.2	7.3	7.1	6.9	6.8	6.4	6.6	6.4	6.6	6.5	6.1	6.4
East South Central													
Civilian noninstitutional population ²	11,703	11,711	11,718	11,724	11,731	11,740	11,748	11,753	11,759	11,766	11,778	11,791	11,804
Civilian labor force	7,360	7,362	7,370	7,359	7,345	7,383	7,390	7,298	7,404	7,429	7,336	7,470	7,476
Employed	6,819	6,837	6,854	6,868	6,843	6,883	6,872	6,819	6,981	6,883	6,799	6,945	6,983
Unemployed	541	525	516	491	502	500	518	479	423	546	537	525	492
Unemployment rate	7.3	7.1	7.0	6.7	6.8	6.8	7.0	6.6	5.7	7.3	7.3	7.0	6.6
West South Central													
Civilian noninstitutional population ²	20,021	20,038	20,053	20,068	20,085	20,103	20,122	20,133	20,147	20,164	20,189	20,213	20,239
Civilian labor force	13,453	13,339	13,338	13,317	13,316	13,298	13,283	13,212	13,240	13,260	13,224	13,352	13,327
Employed	12,387	12,348	12,378	12,317	12,343	12,352	12,301	12,257	12,327	12,356	12,317	12,472	12,398
Unemployed	1,066	991	960	1,000	973	946	982	955	913	904	907	880	929
Unemployment rate	7.9	7.4	7.2	7.5	7.3	7.1	7.4	7.2	6.9	6.8	6.9	6.6	7.0

See footnotes at end of table.

**HOUSEHOLD DATA
REGIONS AND DIVISIONS
SEASONALLY ADJUSTED**

D-1. Employment status of the civilian population for census regions and divisions, seasonally adjusted¹—Continued

(Numbers in thousands)

Census region and division	1992							1993					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
MIDWEST													
Civilian noninstitutional population ²	45,877	45,895	45,917	45,936	45,962	45,987	46,014	46,028	46,042	46,064	46,095	46,123	46,155
Civilian labor force	31,260	31,422	31,439	31,389	31,221	31,243	31,373	31,316	31,208	31,190	31,153	31,488	31,663
Employed	29,093	29,278	29,410	29,352	29,307	29,343	29,430	29,374	29,224	29,315	29,216	29,483	29,662
Unemployed	2,167	2,145	2,029	2,037	1,914	1,900	1,944	1,942	1,985	1,875	1,936	2,005	2,001
Unemployment rate	6.9	6.8	6.5	6.5	6.1	6.1	6.2	6.2	6.4	6.0	6.2	6.4	6.3
East North Central													
Civilian noninstitutional population ²	32,353	32,367	32,383	32,397	32,415	32,433	32,453	32,461	32,473	32,489	32,511	32,530	32,552
Civilian labor force	21,820	21,861	21,884	21,839	21,675	21,678	21,792	21,722	21,640	21,696	21,697	21,897	21,994
Employed	20,137	20,168	20,307	20,250	20,202	20,213	20,303	20,279	20,176	20,320	20,237	20,378	20,512
Unemployed	1,683	1,693	1,577	1,588	1,473	1,465	1,489	1,443	1,464	1,376	1,461	1,520	1,482
Unemployment rate	7.7	7.7	7.2	7.3	6.8	6.8	6.8	6.6	6.8	6.3	6.7	6.9	6.7
West North Central													
Civilian noninstitutional population ²	13,523	13,529	13,533	13,539	13,547	13,554	13,562	13,567	13,569	13,575	13,584	13,593	13,603
Civilian labor force	9,440	9,561	9,555	9,550	9,546	9,565	9,581	9,594	9,568	9,494	9,455	9,591	9,669
Employed	8,956	9,110	9,104	9,101	9,105	9,130	9,127	9,095	9,048	8,995	8,980	9,106	9,150
Unemployed	484	452	452	449	441	435	454	499	521	500	476	485	519
Unemployment rate	5.1	4.7	4.7	4.7	4.6	4.5	4.7	5.2	5.4	5.3	5.0	5.1	5.4
WEST													
Civilian noninstitutional population ²	40,340	40,409	40,478	40,544	40,616	40,687	40,761	40,824	40,886	40,955	41,014	41,067	41,126
Civilian labor force	27,022	27,169	27,108	27,159	27,066	27,210	27,212	27,218	27,306	27,327	27,245	27,320	27,253
Employed	24,842	24,993	24,829	24,925	24,760	24,879	24,911	24,965	25,026	25,096	25,125	25,208	25,096
Unemployed	2,180	2,176	2,279	2,234	2,306	2,331	2,301	2,252	2,280	2,230	2,120	2,112	2,156
Unemployment rate	8.1	8.0	8.4	8.2	8.5	8.6	8.5	8.3	8.3	8.2	7.8	7.7	7.9
Mountain													
Civilian noninstitutional population ²	10,194	10,208	10,221	10,232	10,247	10,259	10,274	10,286	10,296	10,310	10,332	10,353	10,376
Civilian labor force	6,843	6,856	6,789	6,877	6,864	6,894	6,911	6,945	6,848	6,934	6,892	7,011	7,032
Employed	6,398	6,419	6,353	6,437	6,436	6,467	6,470	6,488	6,452	6,499	6,460	6,595	6,615
Unemployed	445	436	436	440	428	427	441	457	396	435	432	416	417
Unemployment rate	6.5	6.4	6.4	6.4	6.2	6.2	6.4	6.6	5.8	6.3	6.3	5.9	5.9
Pacific													
Civilian noninstitutional population ²	30,145	30,202	30,256	30,312	30,369	30,428	30,488	30,538	30,590	30,645	30,682	30,714	30,750
Civilian labor force	20,179	20,314	20,319	20,282	20,202	20,316	20,301	20,273	20,458	20,392	20,352	20,309	20,221
Employed	18,445	18,574	18,476	18,489	18,325	18,412	18,441	18,477	18,575	18,598	18,665	18,613	18,481
Unemployed	1,734	1,740	1,843	1,794	1,878	1,904	1,860	1,796	1,884	1,795	1,688	1,697	1,740
Unemployment rate	8.6	8.6	9.1	8.8	9.3	9.4	9.2	8.9	9.2	8.8	8.3	8.4	8.6

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

² The population figures are not adjusted for seasonal variation.

NOTE: The States (including the District of Columbia) that compose the various census divisions are: New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont; Middle Atlantic: New Jersey, New York, and Pennsylvania; South Atlantic: Delaware, District of

Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; East South Central: Alabama, Kentucky, Mississippi, and Tennessee; West South Central: Arkansas, Louisiana, Oklahoma, and Texas; East North Central: Illinois, Indiana, Michigan, Ohio, and Wisconsin; West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota; Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming; and Pacific: Alaska, California, Hawaii, Oregon, and Washington.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

D-2. Labor force status by State, seasonally adjusted

(Numbers in thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
Alabama													
Civilian labor force	1,940.3	1,954.0	1,953.1	1,961.1	1,940.4	1,925.6	1,941.7	1,932.2	1,968.1	1,970.1	1,980.9	1,943.3	1,964.7
Employed	1,786.9	1,801.6	1,802.1	1,819.7	1,805.5	1,803.5	1,809.8	1,796.9	1,812.1	1,822.7	1,825.3	1,797.4	1,823.4
Unemployed	153.3	152.5	151.0	141.4	134.9	122.1	131.9	135.3	156.0	147.4	155.6	145.9	141.3
Unemployment rate	7.9	7.8	7.7	7.2	6.9	6.3	6.8	7.0	7.9	7.5	7.9	7.5	7.2
Alaska													
Civilian labor force	261.2	263.6	264.5	262.9	262.6	281.8	263.8	263.1	264.0	263.7	267.1	265.1	269.7
Employed	237.0	238.7	239.1	238.0	240.3	237.5	240.7	241.1	241.6	242.0	247.2	243.8	246.9
Unemployed	24.2	24.8	25.4	24.8	22.4	24.3	23.1	22.0	22.4	21.6	19.9	21.3	22.8
Unemployment rate	9.3	9.4	9.6	9.5	8.5	9.3	8.8	8.4	8.5	8.2	7.5	8.1	8.5
Arizona													
Civilian labor force	1,712.7	1,730.7	1,741.4	1,713.7	1,736.9	1,735.5	1,734.7	1,742.2	1,776.9	1,730.4	1,739.3	1,718.2	1,720.4
Employed	1,589.8	1,604.2	1,616.4	1,589.6	1,611.8	1,607.1	1,608.7	1,615.7	1,639.9	1,603.6	1,613.8	1,594.5	1,612.2
Unemployed	122.9	126.8	124.9	124.1	125.3	128.3	126.0	126.5	136.9	126.9	125.6	123.8	108.3
Unemployment rate	7.2	7.3	7.2	7.2	7.2	7.4	7.3	7.3	7.7	7.3	7.2	7.2	6.3
Arkansas													
Civilian labor force	1,161.5	1,155.1	1,159.3	1,150.1	1,145.6	1,142.8	1,124.6	1,121.7	1,108.1	1,119.8	1,132.4	1,134.9	1,147.2
Employed	1,080.5	1,070.5	1,078.2	1,069.7	1,062.9	1,081.0	1,041.0	1,038.8	1,027.3	1,045.5	1,061.0	1,068.1	1,073.7
Unemployed	80.9	84.6	83.0	80.5	82.6	81.9	83.8	82.9	80.8	74.3	71.5	66.8	73.5
Unemployment rate	7.0	7.3	7.2	7.0	7.2	7.2	7.4	7.4	7.3	6.6	6.3	5.9	6.4
California¹													
Civilian labor force	15,120.3	15,227.3	15,247.0	15,313.1	15,283.8	15,211.4	15,282.9	15,365.5	15,242.3	15,405.1	15,341.8	15,329.5	15,341.8
Employed	13,797.0	13,830.1	13,861.2	13,830.7	13,837.2	13,721.7	13,757.4	13,862.5	13,801.4	13,898.8	13,894.4	14,017.4	14,003.3
Unemployed	1,323.3	1,397.2	1,385.8	1,482.4	1,446.6	1,489.7	1,525.5	1,503.0	1,440.9	1,506.4	1,447.3	1,312.2	1,338.5
Unemployment rate	8.8	9.2	9.1	9.7	9.5	9.8	10.0	9.8	9.5	9.8	9.4	8.6	8.7
Colorado													
Civilian labor force	1,749.2	1,785.9	1,756.3	1,765.5	1,752.7	1,766.8	1,768.5	1,770.0	1,802.9	1,784.6	1,794.7	1,765.3	1,774.9
Employed	1,638.3	1,645.0	1,645.6	1,654.4	1,648.6	1,664.4	1,667.8	1,670.8	1,698.3	1,683.6	1,691.0	1,671.9	1,675.0
Unemployed	110.9	120.8	110.7	111.0	104.2	102.2	100.7	99.2	104.6	101.0	103.7	93.5	100.0
Unemployment rate	6.3	6.8	6.3	6.3	5.9	5.8	5.7	5.6	5.8	5.7	5.8	5.3	5.6
Connecticut													
Civilian labor force	1,782.5	1,763.5	1,766.2	1,792.1	1,786.4	1,802.0	1,796.1	1,785.9	1,759.7	1,746.3	1,749.1	1,751.8	1,758.0
Employed	1,650.3	1,628.3	1,652.5	1,657.6	1,650.3	1,667.4	1,659.5	1,653.1	1,635.4	1,627.7	1,626.3	1,620.9	1,628.1
Unemployed	132.2	135.2	133.7	134.5	136.1	134.5	136.6	132.7	124.3	118.7	122.8	130.9	129.9
Unemployment rate	7.4	7.7	7.5	7.5	7.6	7.5	7.6	7.4	7.1	6.8	7.0	7.5	7.4
Delaware													
Civilian labor force	370.9	373.4	372.5	373.2	374.8	375.1	375.4	376.3	378.5	378.6	376.7	377.8	374.5
Employed	350.2	349.7	351.3	353.7	355.9	354.9	358.1	358.6	361.8	359.1	357.4	358.4	358.1
Unemployed	20.6	23.7	21.2	19.6	19.0	20.2	17.4	17.7	16.7	19.4	19.3	19.5	16.4
Unemployment rate	5.6	6.3	5.7	5.2	5.1	5.4	4.8	4.7	4.4	5.1	5.1	5.1	4.4
District of Columbia													
Civilian labor force	278.1	276.9	274.7	271.9	272.5	270.2	268.7	268.0	264.8	271.3	270.0	273.2	272.1
Employed	255.2	254.0	250.6	247.7	248.9	247.1	244.7	244.3	239.5	247.6	247.2	250.5	249.5
Unemployed	22.9	22.9	24.0	24.1	23.6	23.1	24.0	23.7	25.3	23.7	22.8	22.7	22.5
Unemployment rate	8.2	8.3	8.8	8.9	8.7	8.6	8.9	8.8	9.8	8.7	8.5	8.3	8.3
Florida¹													
Civilian labor force	6,539.8	6,581.0	6,819.9	6,590.1	6,628.2	6,592.4	6,572.6	6,586.1	6,643.8	6,713.9	6,667.7	6,689.9	6,790.3
Employed	6,013.7	6,028.8	6,061.6	6,029.6	6,051.6	6,090.6	6,068.1	6,109.2	6,124.8	6,262.6	6,205.8	6,246.4	6,299.4
Unemployed	526.1	552.2	558.3	560.5	576.6	501.8	504.5	476.9	519.0	451.3	461.9	443.4	490.9
Unemployment rate	8.0	8.4	8.4	8.5	8.7	7.6	7.7	7.2	7.8	6.7	6.9	6.6	7.2

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
Georgia													
Civilian labor force	3,223.5	3,218.9	3,255.2	3,250.2	3,238.9	3,266.2	3,263.1	3,253.7	3,279.2	3,283.4	3,273.9	3,275.5	3,283.2
Employed	3,004.3	2,997.1	3,004.9	3,003.8	3,010.6	3,025.9	3,035.1	3,037.0	3,062.2	3,068.7	3,055.8	3,075.6	3,107.8
Unemployed	219.2	221.8	250.3	246.4	228.3	240.2	228.1	216.7	217.0	214.6	218.1	199.9	175.4
Unemployment rate	6.8	6.9	7.7	7.6	7.0	7.4	7.0	6.7	6.6	6.5	6.7	6.1	5.3
Hawaii													
Civilian labor force	570.3	573.8	576.0	575.1	575.5	576.1	577.3	577.5	576.5	569.7	570.8	578.2	576.6
Employed	544.8	545.5	547.5	547.4	547.2	546.9	548.3	550.0	549.5	542.4	543.6	549.8	549.2
Unemployed	25.5	28.2	28.5	27.7	28.3	29.2	29.0	27.6	27.0	27.3	27.2	28.4	27.4
Unemployment rate	4.5	4.9	5.0	4.8	4.9	5.1	5.0	4.8	4.7	4.8	4.8	4.9	4.8
Idaho													
Civilian labor force	516.3	517.8	520.2	521.9	522.9	521.3	522.3	520.4	520.9	516.0	513.9	509.1	520.2
Employed	484.8	484.9	487.7	488.6	489.1	488.2	489.3	488.2	486.4	482.9	477.9	473.6	484.2
Unemployed	31.5	32.9	32.5	33.3	33.9	33.1	33.0	32.2	34.5	33.1	36.0	35.5	36.1
Unemployment rate	6.1	6.4	6.2	6.4	6.5	6.3	6.3	6.2	6.6	6.4	7.0	7.0	6.9
Illinois¹													
Civilian labor force	6,164.7	6,186.5	6,099.4	6,071.8	6,126.1	6,109.5	6,137.7	6,205.2	6,060.9	6,039.0	6,069.2	6,029.9	6,171.3
Employed	5,660.2	5,667.4	5,598.4	5,665.5	5,698.0	5,749.2	5,739.2	5,773.4	5,668.2	5,559.6	5,559.6	5,540.1	5,658.8
Unemployed	504.5	519.1	501.0	406.3	428.1	360.3	398.5	431.8	392.8	479.4	509.6	489.7	512.5
Unemployment rate	8.2	8.4	8.2	6.7	7.0	5.9	6.5	7.0	6.5	7.9	8.4	8.1	8.3
Indiana													
Civilian labor force	2,839.0	2,877.3	2,903.8	2,866.7	2,856.7	2,836.2	2,830.0	2,826.5	2,799.5	2,820.4	2,853.2	2,886.8	2,888.5
Employed	2,642.2	2,673.3	2,709.4	2,681.6	2,669.5	2,660.7	2,644.5	2,644.6	2,623.6	2,648.7	2,718.7	2,721.2	2,708.6
Unemployed	196.8	204.0	194.3	185.1	187.1	175.5	185.6	181.9	176.0	171.7	134.5	165.7	179.9
Unemployment rate	6.9	7.1	6.7	6.5	6.5	6.2	6.6	6.4	6.3	6.1	4.7	5.7	6.2
Iowa													
Civilian labor force	1,553.6	1,557.5	1,557.9	1,561.4	1,563.1	1,553.9	1,554.3	1,555.3	1,567.3	1,573.3	1,576.4	1,564.7	1,577.0
Employed	1,468.5	1,479.0	1,483.6	1,495.4	1,494.8	1,487.3	1,488.5	1,488.3	1,497.9	1,505.8	1,507.4	1,496.7	1,508.9
Unemployed	85.1	78.5	74.3	66.0	68.4	66.6	65.8	67.0	69.5	67.5	69.0	68.0	68.2
Unemployment rate	5.5	5.0	4.8	4.2	4.4	4.3	4.2	4.3	4.4	4.3	4.4	4.3	4.3
Kansas													
Civilian labor force	1,335.9	1,328.3	1,332.2	1,336.1	1,335.6	1,332.4	1,328.9	1,331.0	1,339.9	1,344.6	1,338.9	1,334.3	1,338.2
Employed	1,277.5	1,266.5	1,274.6	1,279.5	1,278.3	1,277.2	1,273.1	1,274.8	1,281.9	1,283.5	1,272.2	1,267.1	1,268.2
Unemployed	58.4	61.7	57.6	56.7	57.2	55.1	55.7	56.2	58.1	61.0	66.6	67.2	70.0
Unemployment rate	4.4	4.6	4.3	4.2	4.3	4.1	4.2	4.2	4.3	4.5	5.0	5.0	5.2
Kentucky													
Civilian labor force	1,722.7	1,738.5	1,744.3	1,760.9	1,753.9	1,756.5	1,751.3	1,757.9	1,769.7	1,769.3	1,766.1	1,766.3	1,779.8
Employed	1,616.2	1,621.9	1,621.6	1,629.9	1,632.0	1,630.4	1,638.6	1,644.1	1,659.2	1,672.3	1,652.3	1,650.7	1,647.0
Unemployed	106.5	116.6	122.7	131.0	121.9	126.1	112.7	113.8	110.5	97.0	113.8	115.6	132.9
Unemployment rate	6.2	6.7	7.0	7.4	6.9	7.2	6.4	6.5	6.2	5.5	6.4	6.5	7.5
Louisiana													
Civilian labor force	1,953.7	1,947.6	1,926.8	1,922.2	1,909.5	1,907.6	1,898.9	1,886.3	1,893.7	1,900.9	1,878.4	1,866.7	1,894.8
Employed	1,799.6	1,787.1	1,764.3	1,769.8	1,750.9	1,756.8	1,747.8	1,732.4	1,742.2	1,766.2	1,742.6	1,736.6	1,755.8
Unemployed	154.1	160.6	162.5	152.4	158.6	150.9	151.1	153.8	151.5	134.7	135.8	130.1	139.0
Unemployment rate	7.9	8.2	8.4	7.9	8.3	7.9	8.0	8.2	8.0	7.1	7.2	7.0	7.3
Maine													
Civilian labor force	666.8	665.2	665.3	664.8	664.2	660.6	663.7	659.9	662.0	654.0	657.4	652.1	652.5
Employed	625.8	617.8	620.8	618.6	617.6	616.1	616.8	612.3	611.6	600.7	602.9	598.9	600.8
Unemployed	41.0	47.4	44.4	46.2	46.6	44.5	46.9	47.6	50.5	53.3	54.5	53.3	51.8
Unemployment rate	6.2	7.1	6.7	6.9	7.0	6.7	7.1	7.2	7.6	8.2	8.3	8.2	7.9

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^P
Maryland													
Civilian labor force	2,624.9	2,640.6	2,644.8	2,643.1	2,634.5	2,624.5	2,620.4	2,641.4	2,610.8	2,635.4	2,625.9	2,600.2	2,549.1
Employed	2,450.2	2,465.1	2,466.5	2,468.1	2,459.6	2,454.0	2,453.1	2,476.7	2,459.1	2,475.1	2,463.7	2,432.2	2,390.7
Unemployed	174.7	175.5	178.3	175.0	174.9	170.5	167.3	164.6	151.6	160.4	162.2	168.1	158.3
Unemployment rate	6.7	6.6	6.7	6.8	6.6	6.5	6.4	6.2	5.8	6.1	6.2	6.5	6.2
Massachusetts¹													
Civilian labor force	3,123.6	3,141.5	3,144.0	3,117.6	3,107.1	3,105.8	3,129.4	3,139.3	3,200.2	3,142.7	3,170.2	3,120.6	3,130.4
Employed	2,862.9	2,868.7	2,880.7	2,855.3	2,841.2	2,843.4	2,852.4	2,868.1	2,936.6	2,901.4	2,966.0	2,919.0	2,920.0
Unemployed	260.7	272.8	263.3	262.3	265.9	262.4	277.0	271.2	263.6	241.3	204.2	201.6	210.4
Unemployment rate	8.3	8.7	8.4	8.4	8.6	8.4	8.9	8.6	8.2	7.7	6.4	6.5	6.7
Michigan¹													
Civilian labor force	4,616.2	4,593.4	4,628.8	4,626.7	4,628.7	4,615.5	4,625.8	4,608.5	4,589.7	4,583.5	4,547.9	4,632.3	4,683.4
Employed	4,212.9	4,186.4	4,205.5	4,217.2	4,226.3	4,219.3	4,255.9	4,239.1	4,264.1	4,274.1	4,259.3	4,324.1	4,355.8
Unemployed	403.3	407.0	423.3	409.5	402.4	396.2	369.9	369.4	325.6	309.4	288.6	308.2	327.6
Unemployment rate	8.7	8.9	9.1	8.9	8.7	8.6	8.0	8.0	7.1	6.8	6.3	6.7	7.0
Minnesota													
Civilian labor force	2,439.2	2,426.3	2,446.1	2,429.3	2,436.9	2,443.9	2,445.8	2,467.4	2,505.5	2,484.1	2,490.0	2,491.9	2,472.1
Employed	2,304.2	2,287.2	2,330.8	2,307.6	2,317.2	2,319.3	2,317.5	2,346.1	2,373.4	2,340.9	2,363.6	2,353.7	2,331.8
Unemployed	135.0	139.1	115.3	121.7	119.7	124.6	128.3	121.3	132.2	143.2	126.4	138.2	140.3
Unemployment rate	5.5	5.7	4.7	5.0	4.9	5.1	5.2	4.9	5.3	5.8	5.1	5.5	5.7
Mississippi													
Civilian labor force	1,173.3	1,187.4	1,192.7	1,195.2	1,197.0	1,189.5	1,187.7	1,179.9	1,170.1	1,174.4	1,191.0	1,190.3	1,199.0
Employed	1,073.6	1,082.1	1,090.1	1,092.6	1,099.5	1,096.6	1,103.6	1,098.8	1,098.0	1,099.8	1,108.9	1,102.3	1,111.2
Unemployed	99.7	105.3	102.6	102.6	97.6	92.9	84.1	81.1	72.1	74.6	82.1	88.0	87.8
Unemployment rate	8.5	8.9	8.6	8.6	8.2	7.8	7.1	6.9	6.2	6.4	6.9	7.4	7.3
Missouri													
Civilian labor force	2,677.6	2,686.4	2,698.4	2,686.8	2,680.9	2,686.0	2,683.8	2,660.7	2,653.1	2,621.0	2,613.5	2,608.6	2,649.1
Employed	2,517.6	2,521.2	2,538.9	2,532.8	2,525.7	2,541.1	2,548.8	2,515.0	2,498.6	2,460.5	2,437.5	2,430.5	2,484.4
Unemployed	160.0	165.2	159.5	153.9	155.2	144.9	135.0	145.7	154.5	160.5	175.9	178.1	164.7
Unemployment rate	6.0	6.1	5.9	5.7	5.8	5.4	5.0	5.5	5.8	6.1	6.7	6.8	6.2
Montana													
Civilian labor force	411.7	410.9	410.7	410.6	411.9	413.2	411.5	409.5	406.1	402.9	406.5	401.9	407.1
Employed	383.2	381.6	384.3	380.4	383.7	387.1	388.2	383.2	377.1	374.4	379.9	376.1	382.5
Unemployed	28.5	29.3	26.4	30.2	28.2	26.1	23.3	26.2	29.0	28.5	26.6	25.8	24.6
Unemployment rate	8.9	7.1	6.4	7.4	6.8	6.3	5.7	6.4	7.1	7.1	6.5	6.4	6.0
Nebraska													
Civilian labor force	863.4	860.7	861.2	856.7	853.1	852.5	848.3	847.5	848.2	857.3	863.5	868.4	871.2
Employed	833.6	833.1	835.3	831.8	828.3	828.4	825.6	823.7	824.3	833.9	837.3	843.7	844.6
Unemployed	29.8	27.6	25.9	24.9	24.8	24.1	22.7	23.8	23.9	23.4	26.2	24.7	26.6
Unemployment rate	3.5	3.2	3.0	2.9	2.9	2.8	2.7	2.8	2.8	2.7	3.0	2.8	3.1
Nevada													
Civilian labor force	671.3	672.4	675.1	677.2	678.4	680.5	683.4	680.3	683.0	679.5	674.5	686.3	692.1
Employed	627.9	625.8	627.7	629.2	631.9	635.6	639.3	637.8	635.1	633.5	627.5	639.0	643.8
Unemployed	43.4	46.6	47.4	48.0	46.5	44.9	44.1	42.6	48.0	46.0	47.0	47.2	48.3
Unemployment rate	6.5	6.9	7.0	7.1	6.9	6.6	6.5	6.3	7.0	6.8	7.0	6.9	7.0
New Hampshire													
Civilian labor force	625.8	620.4	623.1	633.4	634.4	639.2	643.9	641.3	644.1	656.7	649.1	640.9	636.6
Employed	579.9	573.9	576.5	585.9	586.1	591.8	596.4	595.0	592.3	601.5	594.0	591.4	595.3
Unemployed	45.8	46.5	46.6	47.5	48.3	47.4	47.5	46.3	51.8	55.2	55.1	49.5	41.3
Unemployment rate	7.3	7.5	7.5	7.5	7.6	7.4	7.4	7.2	8.0	8.4	8.5	7.7	6.5

See footnotes at end of table.

STATE LABOR FORCE DATA
SEASONALLY ADJUSTED

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

(Numbers in thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
New Jersey¹													
Civilian labor force	4,018.9	3,996.9	3,989.7	3,947.2	3,981.6	3,974.0	3,998.4	4,008.2	3,929.8	3,914.9	3,921.8	3,934.0	4,001.2
Employed	3,669.0	3,639.7	3,607.1	3,583.8	3,624.5	3,649.0	3,650.6	3,676.3	3,640.2	3,808.8	3,596.7	3,575.8	3,706.1
Unemployed	349.9	357.2	382.6	363.4	357.1	325.0	347.8	331.9	289.7	306.2	325.1	358.3	295.1
Unemployment rate	8.7	8.9	9.6	9.2	9.0	8.2	8.7	8.3	7.4	7.8	8.3	9.1	7.4
New Mexico													
Civilian labor force	719.0	723.7	721.9	722.7	725.8	725.8	727.2	721.5	727.5	734.0	732.3	731.6	736.0
Employed	671.5	673.2	672.5	673.0	675.8	677.5	681.0	678.0	680.0	685.0	681.0	680.8	681.6
Unemployed	47.5	50.6	49.4	49.7	50.0	48.3	46.2	43.5	47.5	49.0	51.3	50.7	54.4
Unemployment rate	6.6	7.0	6.8	6.9	6.9	6.7	6.3	6.0	6.5	6.7	7.0	6.9	7.4
New York¹													
Civilian labor force	8,526.5	8,577.4	8,546.5	8,539.1	8,510.4	8,470.1	8,531.0	8,583.9	8,607.4	8,634.6	8,614.3	8,558.5	8,571.1
Employed	7,835.9	7,802.8	7,748.7	7,811.2	7,761.4	7,733.3	7,830.8	7,858.2	7,876.6	7,946.3	7,985.3	7,960.2	7,926.1
Unemployed	690.6	774.8	797.8	727.9	749.0	736.8	700.2	725.7	730.8	688.4	628.9	598.4	644.9
Unemployment rate	8.1	9.0	9.3	8.5	8.8	8.7	8.2	8.5	8.5	8.0	7.3	7.0	7.5
North Carolina¹													
Civilian labor force	3,463.1	3,495.4	3,506.3	3,503.2	3,500.1	3,510.2	3,529.9	3,521.4	3,524.0	3,504.4	3,506.0	3,503.5	3,527.4
Employed	3,261.3	3,275.8	3,290.9	3,288.5	3,293.4	3,313.0	3,322.8	3,324.5	3,332.1	3,321.3	3,319.3	3,310.9	3,348.9
Unemployed	201.8	219.6	215.4	214.7	206.7	197.2	207.1	196.9	191.9	183.1	186.7	192.7	178.5
Unemployment rate	5.8	6.3	6.1	6.1	5.9	5.6	5.9	5.6	5.4	5.2	5.3	5.5	5.1
North Dakota													
Civilian labor force	316.9	315.1	311.1	309.8	313.6	312.2	313.8	313.6	313.4	314.3	313.8	319.2	322.1
Employed	299.9	298.9	295.6	294.8	298.6	297.4	299.4	299.2	299.6	300.1	298.7	303.5	305.7
Unemployed	17.0	16.2	15.4	15.1	14.9	14.8	14.4	14.4	13.8	14.2	15.1	15.7	16.4
Unemployment rate	5.4	5.1	5.0	4.9	4.8	4.7	4.6	4.6	4.4	4.5	4.8	4.9	5.1
Ohio¹													
Civilian labor force	5,517.5	5,466.7	5,550.6	5,548.9	5,522.7	5,457.3	5,420.2	5,438.6	5,507.6	5,494.8	5,482.7	5,463.3	5,446.9
Employed	5,118.3	5,058.0	5,142.0	5,133.7	5,126.6	5,057.3	5,014.8	5,043.4	5,121.8	5,126.2	5,125.6	5,108.2	5,114.1
Unemployed	399.2	408.7	408.6	415.2	396.1	400.0	405.4	395.2	385.9	368.6	357.1	355.0	332.9
Unemployment rate	7.2	7.5	7.4	7.5	7.2	7.3	7.5	7.3	7.0	6.7	6.5	6.5	6.1
Oklahoma													
Civilian labor force	1,514.5	1,518.2	1,530.7	1,527.2	1,532.2	1,532.9	1,540.0	1,540.6	1,536.1	1,531.0	1,522.4	1,500.3	1,495.8
Employed	1,438.0	1,425.0	1,443.8	1,437.8	1,445.2	1,453.9	1,461.7	1,458.2	1,450.8	1,451.4	1,430.8	1,400.8	1,406.6
Unemployed	76.5	93.2	86.9	89.4	86.9	79.0	78.2	82.4	85.3	79.7	91.6	99.5	89.2
Unemployment rate	5.1	6.1	5.7	5.9	5.7	5.2	5.1	5.4	5.6	5.2	6.0	6.6	6.0
Oregon													
Civilian labor force	1,546.8	1,543.4	1,539.2	1,543.4	1,549.6	1,540.9	1,544.0	1,536.5	1,546.9	1,566.1	1,581.3	1,555.7	1,531.1
Employed	1,433.4	1,426.1	1,420.4	1,426.5	1,431.9	1,426.4	1,431.4	1,424.3	1,434.8	1,451.6	1,469.6	1,438.0	1,417.9
Unemployed	113.5	117.3	118.7	116.9	117.7	114.5	112.6	112.1	112.1	114.5	111.7	117.7	113.2
Unemployment rate	7.3	7.6	7.7	7.6	7.6	7.4	7.3	7.3	7.2	7.3	7.1	7.6	7.4
Pennsylvania¹													
Civilian labor force	5,982.3	5,980.7	5,976.8	6,039.7	6,029.3	6,048.2	6,057.4	6,030.6	6,023.6	6,008.1	5,974.7	5,947.6	6,012.5
Employed	5,523.3	5,526.9	5,522.7	5,562.4	5,573.9	5,595.9	5,616.2	5,588.4	5,570.3	5,585.6	5,564.1	5,553.1	5,587.7
Unemployed	459.0	453.8	454.1	477.3	455.4	452.3	441.2	442.2	453.3	422.5	410.6	394.4	424.8
Unemployment rate	7.7	7.6	7.6	7.9	7.6	7.5	7.3	7.3	7.5	7.0	6.9	6.6	7.1
Rhode Island													
Civilian labor force	531.9	533.7	532.9	531.3	526.6	525.0	526.6	523.4	532.4	526.3	522.9	521.8	523.4
Employed	481.0	481.1	483.3	483.2	481.0	481.1	482.8	481.7	489.7	485.8	480.5	477.9	481.2
Unemployed	50.9	52.6	49.7	48.1	45.6	43.8	43.8	41.7	42.7	40.5	42.5	43.9	42.2
Unemployment rate	9.6	9.9	9.3	9.1	8.7	8.3	8.3	8.0	8.0	7.7	8.1	8.4	8.1

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1992								1993				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p
South Carolina													
Civilian labor force	1,762.4	1,765.3	1,784.9	1,785.4	1,775.4	1,776.9	1,780.7	1,790.7	1,784.6	1,777.0	1,761.0	1,763.0	1,799.5
Employed	1,650.7	1,654.9	1,671.8	1,677.8	1,667.6	1,670.0	1,675.1	1,688.0	1,672.6	1,672.9	1,652.2	1,639.4	1,671.1
Unemployed	111.7	110.4	113.2	107.6	107.8	106.9	105.6	102.8	112.0	104.1	108.8	123.6	128.4
Unemployment rate	6.3	6.3	6.3	6.0	6.1	6.0	5.9	5.7	6.3	5.9	6.2	7.0	7.1
South Dakota													
Civilian labor force	361.4	360.2	358.8	359.8	359.4	360.6	365.7	364.5	366.0	365.4	365.9	364.1	362.7
Employed	348.5	348.6	348.3	349.7	349.0	350.1	355.1	353.2	352.0	351.3	353.3	352.0	351.3
Unemployed	12.9	11.6	10.4	10.0	10.4	10.5	10.6	11.3	14.0	14.1	12.6	12.1	11.5
Unemployment rate	3.6	3.2	2.9	2.8	2.9	2.9	2.9	3.1	3.8	3.9	3.4	3.3	3.2
Tennessee													
Civilian labor force	2,423.3	2,442.8	2,446.3	2,447.2	2,449.3	2,464.6	2,463.9	2,472.8	2,455.3	2,469.8	2,454.3	2,431.1	2,460.5
Employed	2,268.9	2,286.2	2,289.9	2,289.3	2,293.7	2,323.1	2,316.7	2,323.5	2,292.5	2,323.1	2,302.8	2,266.4	2,310.9
Unemployed	154.4	156.6	156.4	158.0	155.7	141.5	147.2	149.3	162.8	146.7	151.5	164.7	149.5
Unemployment rate	6.4	6.4	6.4	6.5	6.4	5.7	6.0	6.0	6.6	5.9	6.2	6.8	6.1
Texas¹													
Civilian labor force	8,737.9	8,787.2	8,732.4	8,736.1	8,753.4	8,756.2	8,747.0	8,798.4	8,762.5	8,716.2	8,712.9	8,716.3	8,756.4
Employed	8,082.0	8,092.5	8,095.6	8,108.3	8,082.6	8,099.0	8,081.5	8,124.3	8,080.5	8,060.3	8,124.1	8,133.3	8,186.7
Unemployed	655.9	694.7	636.8	627.8	670.8	657.2	665.5	674.1	682.0	655.8	588.9	583.0	569.7
Unemployment rate	7.5	7.9	7.3	7.2	7.7	7.5	7.6	7.7	7.8	7.5	6.8	6.7	6.5
Utah													
Civilian labor force	812.1	810.7	809.5	807.2	809.1	812.1	813.9	814.9	822.5	827.5	831.1	829.1	840.2
Employed	773.8	772.5	771.5	765.9	767.7	769.4	770.9	771.4	783.1	795.4	801.3	798.0	805.8
Unemployed	38.3	38.2	38.1	41.3	41.4	42.7	43.0	43.5	39.4	32.1	29.8	31.1	34.3
Unemployment rate	4.7	4.7	4.7	5.1	5.1	5.3	5.3	5.3	4.8	3.9	3.6	3.7	4.1
Vermont													
Civilian labor force	320.2	321.3	321.9	324.1	322.5	321.8	329.1	325.0	322.3	327.2	322.9	328.5	332.7
Employed	297.9	299.4	300.3	302.8	301.3	301.7	308.5	305.4	302.2	306.0	300.5	305.8	311.7
Unemployed	22.2	21.9	21.5	21.3	21.2	20.2	20.7	19.5	20.2	21.2	22.3	22.7	21.0
Unemployment rate	6.9	6.8	6.7	6.6	6.6	6.3	6.3	6.0	6.3	6.5	6.9	6.9	6.3
Virginia													
Civilian labor force	3,377.5	3,368.2	3,357.9	3,342.8	3,333.4	3,330.7	3,331.9	3,330.8	3,348.4	3,369.3	3,399.2	3,423.6	3,414.1
Employed	3,158.7	3,156.6	3,143.2	3,128.1	3,121.2	3,126.1	3,128.7	3,133.0	3,153.4	3,206.1	3,234.4	3,251.6	3,239.0
Unemployed	218.8	211.6	214.7	214.7	212.2	204.6	203.2	197.8	195.0	163.2	164.7	172.0	175.1
Unemployment rate	6.5	6.3	6.4	6.4	6.4	6.1	6.1	5.9	5.8	4.8	4.8	5.0	5.1
Washington													
Civilian labor force	2,819.0	2,609.6	2,639.9	2,607.8	2,608.6	2,603.1	2,624.8	2,577.7	2,620.4	2,647.1	2,627.6	2,629.6	2,611.8
Employed	2,433.4	2,419.4	2,445.6	2,412.1	2,411.1	2,397.9	2,413.5	2,376.3	2,411.0	2,440.8	2,429.8	2,430.8	2,414.1
Unemployed	185.7	190.2	194.3	195.6	197.5	205.2	211.3	201.4	209.4	206.3	197.8	198.8	197.7
Unemployment rate	7.1	7.3	7.4	7.5	7.6	7.9	8.1	7.8	8.0	7.8	7.5	7.6	7.6
West Virginia													
Civilian labor force	768.8	761.0	767.8	758.9	760.3	759.5	760.0	762.3	771.8	777.3	773.2	778.9	771.0
Employed	682.2	675.2	681.0	675.8	675.9	676.4	680.7	682.1	689.5	694.3	686.5	685.8	679.6
Unemployed	86.5	85.8	86.8	83.1	84.4	83.1	79.3	80.2	82.3	83.1	86.7	93.1	91.3
Unemployment rate	11.3	11.3	11.3	11.0	11.1	10.9	10.4	10.5	10.7	10.7	11.2	12.0	11.8
Wisconsin													
Civilian labor force	2,669.1	2,676.5	2,674.0	2,675.8	2,673.4	2,654.8	2,678.2	2,690.6	2,718.6	2,717.2	2,723.3	2,716.9	2,698.5
Employed	2,537.3	2,535.6	2,525.8	2,532.6	2,523.8	2,521.0	2,562.9	2,566.4	2,595.5	2,589.1	2,607.9	2,588.2	2,554.0
Unemployed	131.8	140.8	148.2	143.1	149.6	133.8	115.3	124.2	123.1	128.1	115.4	128.7	144.5
Unemployment rate	4.9	5.3	5.5	5.3	5.6	5.0	4.3	4.6	4.5	4.7	4.2	4.7	5.4
Wyoming													
Civilian labor force	243.6	241.4	241.1	239.5	240.5	239.9	239.2	238.1	237.8	236.9	238.4	236.0	236.1
Employed	229.1	226.8	226.6	226.0	227.4	227.6	227.6	226.6	226.0	224.9	226.1	223.1	223.2
Unemployed	14.5	14.7	14.5	13.5	13.1	12.3	11.6	11.5	11.7	12.0	12.3	12.9	12.8
Unemployment rate	6.0	6.1	6.0	5.6	5.4	5.1	4.9	4.8	4.9	5.1	5.2	5.5	5.4

¹ Data are obtained directly from the Current Population Survey. See the Explanatory Notes for Region, State, and Area labor force data.

^p = preliminary.

NOTE: Data refer to place of residence. State estimates, except those referenced in footnote 1, have been revised to incorporate new benchmark information and updated seasonal adjustment factors.

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

D-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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Alabama	1,941.5	1,940.5	1,966.5	145.6	142.8	134.6	7.5	7.4	6.8
Birmingham	448.9	449.5	455.3	28.4	27.5	25.4	6.3	6.1	5.6
Huntsville	136.1	136.5	138.1	6.2	6.9	6.6	4.6	5.1	4.8
Mobile	224.9	227.2	231.2	18.5	18.1	17.4	8.2	8.0	7.5
Montgomery	141.5	141.2	144.5	9.9	8.5	9.3	7.0	6.0	6.5
Tuscaloosa	73.8	74.2	75.6	4.7	3.9	4.2	6.4	5.3	5.6
Alaska	262.4	261.6	271.0	24.3	21.9	22.9	9.3	8.4	8.4
Anchorage	116.2	118.6	121.8	8.6	7.7	7.8	7.4	6.5	6.4
Arizona	1,727.2	1,728.8	1,734.9	121.3	121.5	106.6	7.0	7.0	6.1
Phoenix	1,057.5	1,051.9	1,058.9	63.2	60.7	52.0	6.0	5.8	4.9
Tucson	322.7	322.6	322.8	15.5	15.3	13.3	4.8	4.7	4.1
Arkansas	1,169.4	1,136.3	1,156.3	80.5	65.7	73.1	6.9	5.8	6.3
Fayetteville-Springdale	67.4	68.1	68.1	2.4	1.8	2.2	3.6	2.6	3.2
Fort Smith	94.2	91.9	92.1	6.4	5.4	5.7	6.8	5.9	6.2
Little Rock-North Little Rock	277.8	270.6	273.7	16.9	12.3	14.0	6.1	4.6	5.1
Pine Bluff	37.7	35.8	36.7	4.1	3.0	3.4	10.9	8.4	9.3
California¹	15,065.7	15,201.1	15,283.0	1,320.8	1,284.5	1,335.9	8.8	8.4	8.7
Anaheim-Santa Ana	1,366.2	1,376.8	1,382.6	80.7	75.9	83.5	5.9	5.5	6.0
Bakersfield	259.1	267.4	274.2	33.5	35.5	37.3	12.9	13.3	13.6
Fresno	338.2	350.9	362.4	43.5	46.1	48.5	12.9	13.1	13.4
Los Angeles-Long Beach ¹	4,520.0	4,558.0	4,504.0	442.0	429.0	408.0	9.8	9.4	9.1
Modesto	177.1	177.4	182.5	29.8	29.1	32.3	16.8	16.4	17.7
Oakland	1,110.0	1,116.3	1,124.6	71.3	63.6	71.5	6.4	5.7	6.4
Oxnard-Ventura	383.7	386.8	389.7	26.4	26.4	29.3	6.9	6.8	7.5
Riverside-San Bernardino	1,125.4	1,132.2	1,146.4	116.8	110.5	124.8	10.4	9.8	10.9
Sacramento	775.7	783.0	789.6	60.1	55.2	60.2	7.7	7.1	7.6
Salinas-Seaside-Monterey	168.7	168.7	175.0	15.7	19.6	17.5	9.3	11.6	10.0
San Diego	1,184.3	1,190.6	1,201.6	84.0	81.7	91.7	7.1	6.9	7.6
San Francisco	864.9	879.4	885.3	51.0	47.6	52.6	5.9	5.4	5.9
San Jose	815.0	817.8	822.4	55.0	49.6	54.6	6.7	6.1	6.6
Santa Barbara-Santa Maria-Lompoc	183.6	181.5	183.4	12.5	12.4	13.3	6.8	6.8	7.3
Santa Rosa-Petaluma	217.6	218.6	221.1	14.9	13.2	13.9	6.8	6.0	6.3
Stockton	212.5	213.9	221.6	28.1	28.4	30.1	13.2	13.3	13.6
Vallejo-Fairfield-Napa	209.9	211.9	215.0	15.4	16.7	17.7	7.3	7.9	8.2
Colorado	1,753.0	1,761.4	1,779.5	116.2	99.9	106.0	6.6	5.7	6.0
Boulder-Longmont	143.9	145.3	147.1	6.3	5.5	6.0	4.4	3.8	4.1
Denver	893.8	895.5	908.3	55.8	47.9	52.1	6.2	5.3	5.7
Connecticut	1,780.0	1,742.2	1,754.8	124.2	127.7	121.9	7.0	7.3	6.9
Bridgeport-Milford	228.1	223.0	225.2	18.5	18.4	17.5	8.1	8.2	7.8
Hartford	428.8	413.3	416.7	28.5	31.0	29.7	6.7	7.5	7.1
New Britain	76.6	75.4	75.6	6.9	7.0	6.7	9.0	9.2	8.9
New Haven-Meriden	280.5	275.2	274.8	19.5	19.7	18.9	6.9	7.2	6.9
Stamford	115.2	112.1	113.5	5.6	5.4	5.0	4.9	4.8	4.4
Waterbury	105.5	105.1	105.2	10.6	10.6	9.7	10.0	10.1	9.2
Delaware	372.3	375.4	375.9	20.6	18.4	16.4	5.5	4.9	4.4
Wilmington	315.5	316.8	315.3	19.1	16.4	14.5	6.0	5.2	4.6
District of Columbia	276.0	271.3	269.9	22.8	21.5	22.5	8.3	7.9	8.3
Washington	2,273.2	2,270.9	2,256.2	112.0	97.8	99.4	4.9	4.3	4.4
Florida¹	6,519.1	6,619.5	6,770.3	502.7	412.9	467.5	7.7	6.2	6.9
Daytona Beach	163.6	168.6	170.7	12.2	10.6	11.6	7.4	6.3	6.8
Fort Lauderdale-Hollywood-Pompano Beach	682.0	702.7	716.8	54.2	43.2	48.4	8.0	6.2	6.8
Fort Myers-Cape Coral	154.7	161.2	162.8	11.1	8.7	9.9	7.2	5.4	6.1
Gainesville	113.1	115.5	117.1	5.2	4.4	5.0	4.6	3.8	4.3
Jacksonville	469.3	469.6	482.5	31.6	25.7	29.4	6.7	5.5	6.1
Lakeland-Winter Haven	178.3	179.4	184.3	18.3	14.2	16.9	10.2	7.9	9.2
Melbourne-Titusville-Palm Bay	202.6	199.5	204.4	15.5	14.0	16.0	7.7	7.0	7.8
Miami-Hialeah	967.7	979.0	996.7	92.1	69.4	76.5	9.5	7.1	7.7
Orlando	663.1	677.2	696.7	45.0	37.0	41.3	6.8	5.5	5.9
Pensacola	154.7	157.5	161.4	8.9	7.8	9.1	5.8	4.9	5.6
Sarasota	128.7	131.6	133.0	7.2	6.4	6.7	5.6	4.8	5.1
Tallahassee	142.6	145.7	147.4	6.1	5.3	6.2	4.3	3.7	4.2
Tampa-St. Petersburg-Clearwater	1,034.7	1,050.8	1,074.5	69.9	62.3	70.9	6.8	5.9	6.6
West Palm Beach-Boca Raton-Deeray Beach	436.6	441.3	452.3	39.2	32.8	36.8	9.0	7.4	8.1

See footnotes at end of table.

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

D-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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Georgia	3,207.1	3,233.9	3,267.4	212.2	182.9	168.9	6.6	5.7	5.2
Albany	53.8	53.8	54.1	4.4	4.0	3.6	8.2	7.4	6.6
Athens	76.1	76.9	77.6	3.9	3.4	2.9	5.1	4.4	3.8
Atlanta	1,520.1	1,564.3	1,580.7	94.6	81.4	75.5	6.2	5.2	4.8
Augusta	199.7	198.4	201.7	12.3	11.8	11.9	6.2	6.0	5.9
Columbus	99.4	100.1	101.3	6.9	6.2	5.9	6.9	6.2	5.8
Macon-Warner Robins	131.1	130.9	131.9	7.9	7.4	6.7	6.0	5.6	5.1
Savannah	117.0	121.5	122.4	7.6	6.3	6.1	6.5	5.2	5.0
Hawaii	570.8	576.2	577.1	26.1	26.4	28.0	4.6	4.6	4.8
Honolulu	407.1	411.2	411.2	14.6	13.6	14.4	3.6	3.3	3.5
Idaho	517.9	505.6	521.9	30.9	38.5	35.5	6.0	7.6	6.8
Boise City	125.0	123.9	127.1	4.7	5.3	5.2	3.8	4.3	4.1
Illinois ¹	6,132.0	5,994.6	6,140.8	481.1	484.9	487.3	7.8	8.1	7.9
Aurora-Elgin	201.2	195.6	199.8	15.9	16.1	15.6	7.9	8.2	7.8
Bloomington-Normal	80.5	81.8	80.6	4.0	4.4	4.0	5.0	5.4	4.9
Champaign-Urbana-Rantoul	96.2	94.2	96.2	5.0	5.1	5.3	5.2	5.4	5.5
Chicago	3,260.0	3,195.8	3,276.3	253.9	254.7	259.4	7.8	8.0	7.9
Davenport-Rock Island-Moline	189.5	184.7	187.7	14.0	12.5	12.6	7.4	6.8	6.7
Decatur	63.9	62.1	63.8	6.2	6.0	6.2	9.7	9.7	9.7
Joliet	234.8	226.8	232.5	19.4	18.5	18.1	8.3	8.2	7.8
Kankakee	52.1	49.6	50.7	4.6	4.6	4.4	8.8	9.2	8.7
Lake County	332.1	324.2	332.9	15.7	16.9	16.1	4.7	5.2	4.8
Peoria	174.1	167.9	172.0	13.6	13.1	12.8	7.8	7.8	7.4
Rockford	161.6	157.6	161.2	14.8	14.9	15.2	9.2	9.4	9.5
Springfield	119.4	116.7	119.5	6.1	6.4	6.2	5.1	5.5	5.2
Indiana	2,868.2	2,888.6	2,916.9	195.2	161.7	179.0	6.8	5.6	6.1
Anderson	58.0	56.1	56.5	4.9	3.9	4.3	8.5	7.0	7.6
Bloomington	60.5	64.4	61.9	3.1	2.5	3.1	5.2	3.9	5.1
Elkhart-Goshen	91.4	92.8	93.5	5.5	4.0	4.3	6.0	4.4	4.6
Evansville	143.9	148.5	150.3	9.4	8.8	9.7	6.5	5.9	6.4
Fort Wayne	201.4	199.3	202.6	12.8	10.0	11.9	6.3	5.0	5.9
Gary-Hammond	263.9	262.0	263.5	23.3	19.8	22.1	8.8	7.6	8.4
Indianapolis	687.5	696.3	703.4	38.7	31.4	34.9	5.6	4.5	5.0
Kokomo	47.8	47.1	47.9	3.3	2.6	3.0	6.9	5.5	6.2
Lafayette-West Lafayette	67.7	70.9	69.5	3.3	2.4	3.0	4.9	3.4	4.4
Muncie	62.4	61.9	63.0	4.2	3.7	4.2	6.8	6.1	6.6
South Bend-Mishawaka	129.3	129.2	130.7	9.1	7.1	7.6	7.1	5.5	5.8
Terre Haute	62.9	63.4	63.1	4.5	3.9	4.4	7.2	6.2	7.0
Iowa	1,560.4	1,567.3	1,585.1	62.8	67.5	66.9	5.3	4.3	4.2
Cedar Rapids	100.1	99.0	99.8	5.8	4.2	4.3	5.8	4.2	4.3
Des Moines	246.8	253.1	254.5	11.7	9.3	9.7	4.7	3.7	3.8
Dubuque	47.0	47.3	47.6	2.5	2.3	2.1	5.4	4.9	4.4
Iowa City	64.8	65.9	66.3	1.4	1.1	1.3	2.2	1.7	1.9
Sioux City	64.6	64.3	64.9	3.3	2.1	2.1	5.2	3.2	3.2
Waterloo-Cedar Falls	76.9	78.3	78.5	5.0	4.4	4.4	6.5	5.6	5.6
Kansas	1,341.3	1,337.1	1,343.8	56.1	65.0	67.8	4.2	4.9	5.0
Lawrence	48.7	46.4	48.7	1.6	1.8	2.1	3.2	3.6	4.3
Topeka	94.6	95.2	95.3	3.6	4.5	4.5	3.8	4.7	4.7
Wichita	266.5	261.9	263.9	11.8	13.7	15.3	4.4	5.2	5.8
Kentucky	1,723.6	1,761.4	1,779.9	100.9	115.2	126.4	5.9	6.5	7.1
Lexington-Fayette	191.8	201.7	200.6	7.3	8.2	9.4	3.8	4.1	4.7
Louisville	508.2	519.9	525.0	25.7	26.3	29.8	5.1	5.0	5.7
Owensboro	44.1	44.9	45.6	2.7	3.0	3.5	6.1	6.7	7.7
Louisiana	1,971.0	1,870.3	1,913.1	154.6	124.8	140.0	7.6	6.7	7.3
Alexandria	59.8	56.6	57.9	4.2	3.3	3.7	7.0	5.7	6.3
Baton Rouge	287.5	276.5	281.0	17.2	15.7	17.7	6.0	5.7	6.3
Houma-Thibodaux	72.2	66.6	69.1	6.7	4.7	5.4	9.2	7.1	7.6
Lafayette	111.0	103.9	106.0	8.1	5.3	6.2	7.3	5.1	5.8
Lake Charles	86.1	79.9	81.9	7.9	6.1	6.5	9.1	7.7	7.9
Monroe	71.4	67.4	68.6	4.7	4.1	4.9	6.6	6.0	7.1
New Orleans	569.0	557.5	569.9	40.6	34.3	39.3	6.9	6.1	6.9
Shreveport	160.6	153.5	156.8	10.7	9.2	9.9	6.7	6.0	6.3
Maine	664.4	645.5	650.5	40.2	56.6	51.0	6.1	8.8	7.8
Lewiston-Auburn	44.2	44.1	43.8	3.4	4.7	4.3	7.8	10.5	9.8
Portland	137.8	135.3	135.6	5.8	7.6	7.1	4.2	5.6	5.2

See footnotes at end of table.

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

D-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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Maryland	2,620.6	2,586.0	2,545.3	168.3	159.9	152.0	6.4	6.2	6.0
Baltimore	1,233.7	1,214.7	1,196.0	89.5	86.4	84.3	7.3	7.1	7.0
Massachusetts ¹	3,122.8	3,100.7	3,129.1	254.7	203.8	205.1	8.2	6.6	6.6
Boston	1,534.5	1,527.4	1,535.5	111.5	86.9	88.9	7.3	5.7	5.8
Brockton	95.2	94.4	95.0	9.7	7.2	7.5	10.2	7.6	7.9
Fall River	74.3	75.1	75.4	8.7	7.6	7.5	11.7	10.1	9.9
Fitchburg-Leominster	46.2	46.1	46.9	4.4	3.4	3.5	9.6	7.4	7.5
Lawrence-Haverhill	189.8	192.6	192.8	17.9	16.4	16.1	9.4	8.5	8.4
Lowell	148.8	144.6	145.3	14.3	11.2	11.1	9.6	7.8	7.6
New Bedford	84.1	84.1	84.6	9.3	7.9	7.6	11.1	9.4	9.0
Pittsfield	39.8	40.6	41.1	3.9	3.1	3.0	9.8	7.8	7.2
Springfield	253.3	250.3	251.5	21.6	19.3	19.2	8.5	7.7	7.6
Worcester	221.3	221.4	221.6	18.5	14.0	14.4	8.4	6.3	6.5
Michigan ¹	4,577.7	4,545.7	4,645.9	382.8	310.2	306.8	8.4	6.8	6.6
Ann Arbor	162.2	163.5	162.0	7.5	6.1	5.9	4.6	3.8	3.6
Battle Creek	63.5	64.0	65.1	4.5	3.8	3.9	7.1	6.0	6.0
Benton Harbor	79.2	78.0	79.3	7.1	5.7	5.5	9.0	7.3	7.0
Detroit	2,125.1	2,116.8	2,160.4	179.6	142.7	144.9	8.4	6.7	6.7
Flint	181.3	178.0	182.5	20.1	16.6	16.3	11.1	9.3	9.0
Grand Rapids	386.2	389.1	397.1	26.2	19.3	19.7	6.8	5.0	5.0
Jackson	65.2	64.3	65.9	6.3	5.2	5.1	9.6	8.1	7.7
Kalamazoo	118.9	121.8	121.3	6.8	4.9	5.0	5.7	4.0	4.1
Lansing-East Lansing	242.0	237.5	242.5	13.8	11.0	10.7	5.7	4.6	4.4
Muskegon	67.1	64.8	66.7	7.5	6.3	6.3	11.3	9.7	9.4
Saginaw-Bay City-Midland	189.7	184.9	189.1	15.1	12.7	12.2	8.0	6.8	6.5
Minnesota	2,442.2	2,473.2	2,478.1	138.5	140.3	144.7	5.7	5.7	5.8
Duluth	117.1	116.5	116.1	9.2	9.9	10.2	7.8	8.5	8.8
Minneapolis-St.Paul	1,414.3	1,440.7	1,444.9	72.3	68.1	76.2	5.1	4.7	5.3
Rochester	65.6	66.4	65.9	2.4	2.5	2.5	3.6	3.7	3.7
St. Cloud	107.9	111.1	110.7	6.2	6.7	6.4	5.7	6.0	5.8
Mississippi	1,168.5	1,179.5	1,194.3	92.6	78.6	81.1	7.9	6.7	6.8
Jackson	198.1	200.5	203.9	10.7	10.5	10.9	5.4	5.2	5.3
Missouri	2,681.0	2,624.1	2,652.1	157.5	157.8	162.7	5.9	6.0	6.1
Kansas City	865.3	861.2	867.5	45.7	44.9	46.7	5.3	5.2	5.4
St. Louis LMA	1,255.8	1,239.3	1,248.4	75.4	79.2	81.1	6.0	6.4	6.5
Springfield	136.0	135.8	137.7	6.9	6.7	7.5	5.0	4.9	5.4
Montana	411.5	402.6	406.8	27.1	24.3	23.1	6.6	6.0	5.7
Nebraska	868.4	865.6	876.5	28.1	23.3	25.0	3.2	2.7	2.9
Lincoln	135.8	134.5	135.5	3.8	2.8	3.7	2.8	2.1	2.7
Omaha	346.3	347.4	350.2	13.3	10.9	11.4	3.9	3.1	3.3
Nevada	671.7	682.2	692.4	42.6	47.3	47.5	6.3	6.9	6.9
Las Vegas	420.9	432.5	438.6	27.4	29.9	30.5	6.5	6.9	6.9
Reno	142.0	142.4	144.1	8.5	9.2	9.1	6.0	6.5	6.3
New Hampshire	623.9	637.8	634.6	46.2	50.5	41.5	7.4	7.9	6.5
Manchester	86.2	85.6	84.5	6.5	6.4	4.9	7.5	7.5	5.8
Nashua	99.8	102.4	101.9	7.7	8.9	7.6	7.7	8.7	7.5
Portsmouth-Dover-Rochester	139.5	138.9	140.4	7.2	7.9	6.6	5.2	5.7	4.7
New Jersey ¹	3,989.8	3,913.5	3,969.8	353.5	338.9	299.9	8.9	8.7	7.6
Atlantic City	184.2	180.1	187.7	19.5	20.7	16.8	10.6	11.5	9.0
Bergen-Passaic	674.7	660.3	668.4	57.9	57.1	51.5	8.6	8.6	7.7
Jersey City	267.2	258.9	260.9	33.8	32.1	28.9	12.7	12.4	11.1
Middlesex-Somerset-Hunterdon	589.3	579.7	587.6	41.9	39.5	35.8	7.1	6.8	6.1
Monmouth-Ocean	486.9	472.1	483.9	40.7	36.5	31.9	8.4	7.7	6.6
Newark	918.7	908.0	917.9	86.2	83.4	73.9	9.4	9.2	8.1
Trenton	175.6	171.3	173.3	11.6	11.4	10.1	6.6	6.6	5.8
Vineland-Milville-Bridgeton	61.9	60.7	60.8	8.1	8.1	7.0	13.1	13.3	11.5
New Mexico	721.8	730.5	738.8	48.6	53.0	55.5	6.7	7.3	7.5
Albuquerque	272.0	275.4	275.7	12.3	14.0	14.7	4.5	5.1	5.3
Las Cruces	61.6	58.7	61.6	4.5	5.4	5.4	7.2	9.2	8.8
Santa Fe	74.0	75.6	75.7	2.6	2.9	2.9	3.4	3.8	3.9

See footnotes at end of table.

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

D-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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
New York¹	8,499.9	8,509.7	8,550.9	692.2	599.3	645.9	8.1	7.0	7.6
Albany-Schenectady-Troy	436.2	445.2	444.0	25.0	19.7	22.3	5.7	4.4	5.0
Binghamton	121.3	121.9	121.8	7.6	7.1	8.1	6.3	5.8	6.6
Buffalo	459.7	461.8	463.4	31.5	26.6	30.3	6.9	5.8	6.5
Elmira	43.1	42.7	43.1	3.0	2.1	2.6	6.9	5.0	6.0
Glens Falls	54.7	53.2	54.4	4.9	4.3	4.4	9.0	8.1	8.1
Nassau-Suffolk	1,357.4	1,358.2	1,362.5	94.0	69.6	86.7	6.9	5.1	6.4
New York	3,900.3	3,899.7	3,928.3	378.4	345.8	349.0	9.7	8.9	8.9
New York City ¹	3,252.0	3,254.0	3,281.0	341.0	317.0	313.0	10.5	9.8	9.5
Orange County	139.9	140.4	141.1	9.6	7.7	9.7	6.9	5.5	6.8
Poughkeepsie	120.6	118.6	118.9	7.4	7.3	10.5	6.1	6.1	8.8
Rochester	515.2	520.9	520.5	26.5	21.9	25.2	5.1	4.2	4.8
Syracuse	320.8	325.4	323.5	21.2	17.5	20.5	6.6	5.4	6.3
Utica-Rome	137.2	137.9	138.0	9.9	8.2	9.1	7.2	5.9	6.6
North Carolina¹	3,438.9	3,457.7	3,500.4	201.3	182.7	177.9	5.9	5.3	5.1
Asheville	94.8	96.3	97.9	4.9	4.3	4.3	5.1	4.4	4.4
Charlotte-Gastonia-Rock Hill	649.1	653.9	660.7	35.7	31.4	31.1	5.5	4.8	4.7
Greensboro-Winston-Salem-High Point	524.9	534.1	536.3	27.4	23.6	22.9	5.2	4.4	4.3
Raleigh-Durham	438.1	454.0	458.5	17.2	16.0	17.3	3.9	3.5	3.8
North Dakota	318.5	319.7	323.7	16.3	15.4	15.8	5.1	4.8	4.9
Bismarck	46.5	47.6	47.8	2.1	2.1	2.3	4.6	4.4	4.8
Fargo-Moorhead	92.1	91.4	91.4	3.5	3.4	3.2	3.6	3.7	3.5
Grand Forks	34.8	35.8	36.2	1.6	1.4	1.5	4.6	3.8	4.3
Ohio¹	5,512.6	5,416.0	5,443.8	395.2	353.3	328.8	7.2	6.5	6.0
Akron	340.7	339.0	341.0	22.9	21.1	19.1	6.7	6.2	5.6
Canton	199.9	194.2	195.3	16.0	13.3	12.5	8.0	6.8	6.4
Cincinnati	791.5	790.6	796.8	43.3	40.5	42.0	5.5	5.1	5.3
Cleveland	952.3	932.0	936.3	81.5	58.5	55.6	6.5	6.3	5.9
Columbus	761.8	752.0	754.8	40.3	37.9	36.3	5.3	5.0	4.8
Dayton-Springfield	477.7	467.0	467.6	30.3	26.0	24.0	6.3	5.6	5.1
Toledo	318.3	307.3	308.5	26.5	20.2	18.5	8.4	6.6	6.0
Youngstown-Warren	227.7	220.0	221.7	21.7	18.9	17.9	9.5	8.6	8.1
Oklahoma	1,524.2	1,497.0	1,506.3	79.9	96.2	92.6	5.2	6.4	6.1
Enid	27.3	27.6	27.5	1.0	1.3	1.3	3.8	4.6	4.7
Lawton	48.9	50.0	50.1	2.5	3.2	3.1	5.2	6.3	6.3
Oklahoma City	487.2	493.1	493.0	21.5	26.2	24.5	4.4	5.3	5.0
Tulsa	339.9	343.6	347.6	18.5	24.0	24.3	5.4	7.0	7.0
Oregon	1,542.4	1,546.4	1,527.4	111.8	119.0	111.6	7.2	7.7	7.3
Eugene-Springfield	150.1	151.4	149.7	11.0	12.0	11.2	7.3	8.0	7.5
Medford	76.6	78.0	77.2	6.2	7.0	6.6	8.1	9.0	8.5
Portland	718.2	720.4	708.0	44.8	44.1	42.2	6.3	6.1	6.0
Salem	144.7	147.2	146.2	9.9	11.4	10.8	6.8	7.7	7.4
Pennsylvania¹	5,965.8	5,901.6	5,996.2	469.0	406.0	436.6	7.9	6.9	7.3
Allentown-Bethlehem-Easton	344.8	336.9	344.5	28.8	22.2	23.6	8.4	6.6	6.9
Altoona	63.6	62.7	64.3	5.8	4.4	4.7	9.1	7.1	7.3
Beaver County	63.4	62.3	63.4	6.8	6.0	6.5	10.8	9.7	10.2
Erie	139.7	142.0	143.6	11.0	9.1	9.9	7.8	6.4	6.9
Harrisburg-Lebanon-Carlisle	341.8	336.5	343.5	19.2	16.3	17.3	5.6	4.8	5.0
Johnstown	100.7	101.5	104.4	10.6	10.9	11.1	10.5	10.7	10.6
Lancaster	234.1	233.9	237.8	13.0	10.8	11.6	5.6	4.6	4.9
Philadelphia	2,421.2	2,377.0	2,412.6	192.4	166.9	175.2	7.9	7.0	7.3
Pittsburgh	1,026.8	1,016.9	1,032.4	71.6	85.6	70.5	7.0	6.5	6.8
Reading	180.9	179.3	181.6	14.0	11.5	12.1	7.7	6.4	6.7
Scranton-Wilkes-Barre	371.4	370.9	376.6	37.0	32.6	33.3	10.0	8.8	8.8
Sharon	54.9	52.6	54.2	4.3	5.8	6.2	7.9	11.1	11.4
State College	69.4	70.9	70.2	4.0	3.7	4.1	5.8	5.2	5.8
Williamsport	60.7	60.8	61.5	5.2	4.7	5.1	8.6	7.7	8.2
York	231.0	233.0	236.7	16.9	12.8	14.3	7.3	5.5	6.0
Rhode Island	533.9	520.8	525.9	52.3	45.3	43.7	9.8	8.7	8.3
Pawtucket-Woonsocket-Attleboro	170.5	169.3	170.6	16.6	13.8	13.3	9.7	8.2	7.8
Providence	353.0	345.5	348.4	34.9	29.6	29.0	9.9	8.6	8.3
South Carolina	1,771.6	1,764.4	1,808.5	109.5	117.4	126.6	6.2	6.7	7.0
Charleston	244.5	241.8	248.0	14.4	14.5	16.1	5.9	6.0	6.5
Columbia	247.2	248.8	254.1	11.5	13.2	14.3	4.6	5.3	5.6
Greenville-Spartanburg	345.9	346.0	354.6	17.6	16.9	18.1	5.1	4.9	5.1
South Dakota	365.4	362.9	366.8	12.8	11.8	11.5	3.5	3.3	3.1
Rapid City	41.3	40.3	41.0	1.5	1.5	1.5	3.5	3.8	3.6
Sioux Falls	78.9	78.4	77.8	2.4	2.0	1.7	3.1	2.6	2.2

See footnotes at end of table.

STATE AND AREA LABOR FORCE DATA
NOT SEASONALLY ADJUSTED

D-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 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P	May 1992	Apr. 1993	May 1993 ^P
Tennessee	2,422.3	2,405.1	2,459.6	159.4	156.1	154.2	6.6	6.5	6.3
Chattanooga	212.2	210.5	212.4	13.3	11.8	11.2	6.2	5.6	5.3
Johnson City-Kingsport-Bristol	227.2	223.5	226.4	13.5	12.7	14.0	6.0	5.7	6.2
Knoxville	304.8	299.6	306.5	17.1	18.0	17.0	5.6	6.0	5.5
Memphis	470.6	465.5	476.7	28.8	27.7	28.1	6.1	6.0	5.9
Nashville	535.4	533.2	544.4	28.0	25.0	25.2	5.2	4.7	4.6
Texas¹	8,726.8	8,730.2	8,742.5	644.8	592.4	588.5	7.4	6.8	6.4
Abilene	51.7	52.0	51.9	3.4	3.0	2.9	6.5	5.8	5.6
Amarillo	98.8	98.1	99.3	5.5	4.7	4.6	5.6	4.8	4.6
Austin	470.8	479.8	481.9	23.5	19.7	20.5	5.0	4.1	4.2
Beaumont-Port Arthur	175.1	177.4	177.8	15.3	18.1	17.4	8.7	10.2	9.8
Brazoria	91.3	89.8	90.0	6.9	7.0	7.0	7.6	7.8	7.7
Brownsville-Harlingen	112.1	112.0	112.1	13.8	11.7	11.4	12.3	10.4	10.2
Bryan-College Station	66.2	68.7	68.4	2.7	2.3	2.6	4.1	3.3	3.9
Corpus Christi	170.4	168.0	167.9	16.7	13.7	13.1	9.8	8.1	7.8
Dallas	1,467.2	1,464.5	1,467.3	102.1	86.8	82.0	7.0	5.9	5.6
El Paso	260.1	260.8	261.9	27.3	24.7	23.8	10.5	9.5	9.1
Fort Worth-Arlington	744.9	753.4	743.3	50.4	54.0	42.8	6.8	7.2	5.8
Galveston-Texas City	117.0	120.4	121.2	9.9	9.1	8.9	8.4	7.6	7.3
Houston	1,770.7	1,757.7	1,756.6	124.6	123.7	116.9	7.0	7.0	6.7
Killeen-Temple	101.5	104.8	105.2	7.6	6.8	6.6	7.5	6.5	6.3
Laredo	57.3	58.6	58.9	5.2	4.9	4.8	9.1	8.3	8.2
Longview-Marshall	81.6	79.7	79.6	7.6	7.2	6.7	9.4	9.0	8.4
Lubbock	116.0	115.1	115.1	7.2	6.0	5.7	6.2	5.2	5.0
McAllen-Edinburg-Mission	166.3	166.8	166.1	25.5	23.4	22.1	15.3	14.0	13.3
Midland	49.5	48.2	48.1	3.7	3.4	3.1	7.5	7.0	6.5
Odessa	54.4	53.2	53.0	5.5	5.1	4.7	10.2	9.6	8.9
San Angelo	45.5	45.8	46.0	2.8	2.5	2.5	6.1	5.5	5.5
San Antonio	630.4	636.2	641.0	42.4	34.3	35.4	6.7	5.4	5.5
Sherman-Denison	46.7	46.1	46.0	3.5	3.1	2.8	7.4	6.6	6.2
Texarkana	58.3	57.4	57.9	4.8	4.0	4.0	8.3	7.0	7.0
Tyler	76.4	75.9	76.0	5.3	5.1	5.1	7.0	6.8	6.7
Victoria	39.3	40.2	40.1	2.5	2.1	2.0	6.5	5.2	5.0
Waco	93.8	93.8	93.2	6.9	5.3	5.3	7.3	5.6	5.7
Wichita Falls	54.6	54.2	54.3	4.0	3.5	3.3	7.3	6.4	6.2
Utah	806.7	821.7	834.8	38.8	33.3	34.6	4.8	4.1	4.1
Provo-Orem	116.4	123.1	122.0	4.9	4.5	5.3	4.2	3.6	4.3
Salt Lake City-Ogden	521.9	532.1	541.6	23.9	20.2	20.6	4.6	3.8	3.8
Vermont	318.4	325.5	330.8	23.0	25.2	21.9	7.2	7.7	6.6
Burlington	81.6	81.4	83.2	3.8	4.3	4.1	4.6	5.3	4.9
Virginia	3,387.9	3,407.7	3,424.0	218.1	162.5	175.3	6.4	4.8	5.1
Charlottesville	73.2	75.9	75.5	3.4	2.3	2.4	4.7	3.0	3.2
Danville	55.0	54.4	54.6	5.3	3.5	3.8	9.7	6.4	7.0
Lynchburg	78.8	80.6	80.6	4.8	3.2	3.7	6.0	4.0	4.6
Norfolk-Virginia Beach-Newport News	669.4	670.9	677.0	47.7	35.5	39.2	7.1	5.3	5.8
Richmond-Petersburg	482.0	486.3	487.0	30.7	22.0	23.6	6.4	4.5	4.9
Roanoke	130.2	133.7	133.4	6.9	5.6	5.8	5.3	4.2	4.4
Washington	2,628.9	2,635.6	2,622.9	177.9	199.7	189.6	6.8	7.6	7.2
Seattle	1,164.2	1,170.8	1,162.2	66.1	72.7	72.1	5.7	6.2	6.2
West Virginia	774.0	770.1	776.4	85.1	89.9	89.8	11.0	11.7	11.6
Charleston	118.2	119.2	119.7	10.6	10.6	10.8	9.0	8.9	9.0
Huntington-Ashland	130.2	130.4	130.8	11.0	13.1	13.3	8.5	10.1	10.2
Parkersburg-Marietta	73.6	73.7	74.2	6.3	6.6	6.3	8.5	9.0	8.5
Wheeling	71.7	70.9	71.5	6.5	7.1	6.8	9.0	10.0	9.5
Wisconsin	2,664.3	2,691.9	2,694.7	130.6	134.8	143.2	4.9	5.0	5.3
Appleton-Oshkosh-Neenah	180.9	185.5	184.5	7.9	8.0	9.1	4.3	4.3	4.9
Eau Claire	74.2	74.7	74.3	3.2	4.7	4.6	4.4	6.2	6.2
Green Bay	118.0	120.6	119.9	4.8	5.4	5.9	4.1	4.5	4.9
Janesville-Beloit	75.5	75.0	75.0	4.7	4.1	5.1	6.2	5.5	6.7
Kenosha	57.2	58.9	59.0	3.0	3.5	3.8	5.2	5.9	6.4
La Crosse	57.0	58.0	58.1	2.6	2.3	2.6	4.6	3.9	4.5
Madison	240.3	246.2	244.5	6.8	5.7	6.0	2.8	2.3	2.4
Milwaukee	767.9	781.5	780.0	32.8	33.7	38.8	4.3	4.3	5.0
Racine	89.8	90.4	89.9	5.6	5.8	5.9	6.3	6.4	6.5
Sheboygan	58.2	58.0	58.0	2.6	1.9	2.2	4.5	3.4	3.9
Wausau	66.9	66.7	66.3	4.2	3.8	3.7	6.2	5.7	5.5
Wyoming	244.8	235.3	237.4	14.0	13.7	12.4	5.7	5.8	5.2
Casper	30.7	29.8	29.3	2.4	2.3	2.0	7.7	7.8	6.8

¹ Data are obtained directly from the Current Population Survey. See the Explanatory Notes for Region, State, and Area Labor Force Data.
^P = preliminary.

NOTE: Data refer to place of residence. All estimates, except those referenced in footnote 1, have been revised to incorporate new benchmark information. Area definitions are published annually in the May issue of this publication.

Explanatory Notes

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 Bureau of the Census conducts the survey each month for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including 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. Trained interviewers collect the information from a sample of about 60,000 households, representing 729 areas in 1,973 counties and independent cities, 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 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 currently based on payroll reports from a sample of over 370,000 establishments employing over 45 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 day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey, whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences 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 series follow.

Employment

Coverage. The household survey definition of employment covers 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 survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonfarm establishments.

Multiple jobholding. The household survey provides information on the work status of the population without duplication, because each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. 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 survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, 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 not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data see Gloria P. Green's article, "Comparing Employment Estimates From Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked, whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours

distributions and the computations of average hours. 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 median 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 household survey earnings series, see *Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey*, BLS Bulletin 2113.

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 at all during the survey week 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 Department of Labor, exclude 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). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid \$1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of \$20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

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 Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Economics and 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 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 manufactures 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. Data in *County Business Patterns* (CBP), published by the Bureau of the Census, U.S. Department of Commerce, 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 government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonfarm wage and salary workers are covered by the unemployment insurance programs. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance, but the BLS establishment statistics do include these activities.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population; the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force; and related data are compiled for BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. Historical national data through 1987 are published in *Labor Force Statistics Derived From the Current Population Survey*, BLS Bulletin 2307.

These monthly surveys of the population are conducted 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 survey week. Actual field interviewing is conducted during the following week.

Inmates of institutions and persons under 16 years of age are not covered in the regular monthly enumerations, and they are excluded from the population and labor force statistics shown in this publication. Data on the members of the Armed Forces stationed in the United States, who are included as part of the special categories "noninstitutional population," "labor force," and "total employment," are obtained from the Department of Defense. (See tables A-1, A-2, A-32, and A-42.)

Each month about 60,000 occupied units are eligible for interview. About 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 results in a noninterview rate for the survey of 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 enumerated. 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 used since 1967 are as follows:

Employed persons are (a) all civilians who, during the survey week, did any work at all 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 illness, bad weather, vacation, labor-management disputes, or personal reasons, whether 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. Multiple jobholders are counted in the job at which they worked the greatest number of hours during the survey 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 houses (painting, repairing, or housework) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons are all civilians who had no employment during the survey week, were available for work, except for temporary illness, and had made specific efforts to find employment some time during the prior 4 weeks. Persons who were waiting to be recalled to a job from which they had been laid off or were waiting to report to a new job within 30 days need not be looking for work to be classified as unemployed.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Two useful measures of the duration are the mean and the median. Mean duration is the arithmetic average computed from single weeks of unemployment; median duration is the midpoint of a distribution of weeks of 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 four major groups. (1) *Job losers* are persons whose employment ended involuntarily who immediately began looking for work, and persons on layoff. (2) *Job leavers* are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) *Reentrants* are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor

force prior to beginning to look for work. (4) *Newentrants* are persons who never worked at a full-time job lasting 2 weeks or longer. Each of these four categories of the unemployed may be expressed as an unemployment rate or proportion of the entire civilian labor force; the sum of the four rates thus equals the unemployment rate for all civilian workers.

Jobseekers are all unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week. Jobseekers do not include those persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or using some other 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.

The *civilian labor force* comprises all civilians classified as employed or unemployed in accordance with the criteria described above.

The *civilian worker unemployment rate* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, race, Hispanic origin, marital status, etc.

Participation rates represent the proportion of the population that is in the labor force. The *civilian labor force participation rate* is the ratio of the civilian labor force to the civilian noninstitutional population. Civilian labor force participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the population that is employed. The *civilian employment-population ratio* is the percentage of all employed civilians in the civilian noninstitutional population.

Not in the labor force includes all persons 16 years and over who are not classified as employed or unemployed. These persons are further classified as engaged in own-home housework, in school, unable to work because of long-term physical or mental illness, retired, or other. The "other" group includes individuals reported as too old or temporarily unable to work, the voluntarily idle, seasonal workers for whom the survey week fell in an off season and who were not reported as looking for work, and persons who did not look for work because they believed that no jobs were available in the area or that no jobs were available for which they could qualify—discouraged workers. Persons doing only incidental, unpaid family work (less than 15 hours in the specified week) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work, desire for a job at the time of interview, and reasons for not looking for work are published on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for the previous 3 months and would not be in for the subsequent month. Between 1967 and 1969, these questions were asked in those households entering the sample for the first time and those returning for the second 4 months of interviewing, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time job lasting 2 weeks or more. The classifications of occupations and industries used in data derived from the CPS are defined as in the 1990 census. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies wage and salary workers subdivided into private and government workers; self-employed workers; and unpaid family workers. Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. 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.

Hours of work statistics relate to the actual number of hours worked during the survey 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 figures relate to the number of hours worked in all jobs during the week; all the hours are credited to the major job.

Persons who worked 35 hours or more during the survey week are designated as working *full time*. Persons who worked between 1 and 34 hours are designated as working *part time*. Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or noneconomic reasons). Economic reasons include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. Noneconomic reasons include: Labor dispute, bad weather, own illness, vacation, demands of home or

school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

Data on employment "at work" differ from data on total employment because they exclude persons 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.

Employed persons are also categorized into full-and part-time groupings based primarily on their *usual status*. In this context, *full-time workers* are those who (a) worked 35 hours or more during the survey week, (b) worked 1 to 34 hours for economic or noneconomic reasons, but usually work full time, and (c) were with a job but not at work and usually work full time. Similarly, *part-time workers* are those who (a) voluntarily worked 1 to 34 hours during the survey week, (b) worked 1 to 34 hours for economic reasons, but usually work part time, i.e., persons who could only find part-time work, and (c) were with a job but not at work and usually work part time.

Unemployment rates for full-and part-time workers are calculated using the concepts of the *full-and part-time labor force* which are based on the type of job—full or part time—that persons—whether working or unemployed—say they want. The "full-time labor force" includes all persons working part time but who desire full-time work, that is, working part time for economic reasons. Thus, this category consists of persons on full-time schedules; all persons involuntarily working part time regardless of their usual status; and unemployed persons seeking full-time jobs. The "part-time labor force" consists of persons working part time voluntarily and unemployed persons seeking part-time work. Employed persons with a job but not at work are distributed according to whether they usually work on full-time or voluntary part-time schedules.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming that: (1) unemployed persons looking for full-time work lost an average of 37.5 hours, (2) those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White, black, and other are terms used to describe the race of workers. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. All tables in this publication which contain racial data, with the exception of A-5 and its annual counterpart, present data for the black population group. Because

of their relatively small sample size, data for "other" races are not published. In the enumeration process, race is determined by the household respondent.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, 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 are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Data are limited to men in the civilian noninstitutional population; i.e., veterans in institutions and women are excluded. Nonveterans are men who never served in the Armed Forces.

Usual weekly earnings data are provided from responses to the question "How much does...USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of usual, the interviewer defines the term as more than half the weeks worked during the past 4 or 5 months. Data refer to wage and salary workers (excluding the incorporated self-employed) who usually work full time on their sole or primary job.

Median earnings 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 are 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 reported as members of 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, includes persons who are separated because of marital discord, as well as persons who are living apart because either the husband or the wife was employed and living away from home, serving in the Armed Forces, or had a different place of residence for any reason.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. 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 refers to 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 even though they may include a related subfamily, that is, a married couple or a parent-child group related by birth or marriage to the householder and sharing the living quarters. The count of families used in this publication excludes unrelated subfamilies such as lodgers, guests, or resident employees living in a household but not related to the householder. 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 persons maintaining the family are either self-employed or in the Armed Forces.

Poverty areas are defined as those census tracts in tracted areas, and Minor Civil Divisions (MCD's) in untraced areas, in which 20 percent or more of the noninstitutional residents were poor according to the 1980 decennial census. Persons were classified as poor or non-poor by comparing money income to a series of poverty income thresholds which vary by family size and number of children. While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas, and conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all Metropolitan Statistical Areas (MSA's) as defined by the Office of Management and Budget (OMB) as of June 30, 1983. A detailed discussion of the MSA definitions as well as changes in terminology can be found in "The New Metropolitan Area Definitions" section of the *1980 Census of Population Supplementary Report on Metropolitan Statistical Areas*, PC-S1-18. Nonmetropolitan areas consist of the total territory outside MSA's.

The *urban population*, as defined for the 1980 census, comprises all persons living in urbanized areas and in places of 2,500 or more inhabitants outside urban areas. More specifically, the urban population consists of all persons living in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those persons living in the rural portions of extended cities; (2) other territories, incorporated and unincorporated, included in urbanized areas. The population not classified as urban makes up the rural population.

HISTORICAL COMPARABILITY

Change in lower age limit

The lower age limit for official statistics on the labor force, employment, and unemployment was raised from 14 to 16 years of age in January 1967. Insofar as possible, historical series were revised to provide consistent information based on the population 16 years and over. For a detailed discussion of this and other definitional changes introduced at that time, including estimates of their effect on the various series, see "New Definitions for Employment and Unemployment," *Employment and Earnings and Monthly Report on the Labor Force*, February 1967.

Noncomparability of labor force levels

In addition to the changes introduced in 1967, there are several other periods of noncomparability in 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.
- Starting 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.
- Commencing 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; and unemployment levels and rates were essentially unchanged.
- A subsequent population adjustment based on the 1970 census was introduced in March 1973. 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 methodology used to prepare independent estimates of the civilian noninstitu-

tional 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 *Employment and Earnings*.

- Effective in July 1975, as a result of the immigration 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, and all of the changes were in the other population.

- Starting 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 *Employment and Earnings*.

- 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.

- Commencing in January 1979, the first-stage ratio estimation 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 *Employment and Earnings*.

- Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The purpose of the change and an indication of its effect on national estimates of labor force characteris-

tics appear in “Revisions in the Current Population Survey Beginning in January 1982” in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and 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 February 1982 article cited above also describes the adjustment procedure used. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

- Starting in January 1983, the first-stage ratio adjustment methodology was updated to account for results obtained 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 *Employment and Earnings*. 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.

- Starting in January 1986, the population controls used in the second-stage ratio adjustment methodology 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 employment by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the mag-

nitude 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, and race cells. This change had virtually no effect on national estimates.

Changes in the occupational and industrial classification system

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 *Employment and Earnings*.

Starting 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), and this new system differed so radically 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" taken from the "clerical workers" group 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 adminis-

tration." 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 *Employment and Earnings*.

Beginning in January 1992, the occupational and industrial classification systems used in the 1990 census were introduced into the CPS. 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 industrial classification system used in the 1990 census is based on the 1987 Standard Industrial Classification system. The most notable changes from the 1980 system 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. The number of sample areas and the number of sample persons are also increased 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 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.

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 in the denominator of this formula 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 estimate. 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.

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 primary sampling 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 make 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 essentially 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 enumeration districts 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. This procedure, which was introduced in 1953, provides a substantial amount of month-to-month and year-to-year overlap in the sample, thus 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 *Employment and Earnings*.

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 (with the exception of New York and California, where the cities of New York and Los Angeles are sampled at a higher probability). These selection probabilities are then adjusted for noninterviews; ratio adjustments are made to known population controls; and composite the estimation procedure is applied.

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 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 estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 729 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure reduces the portion of the variance that results from requiring sample PSU's in a State to represent nonsampled PSU's in the same State and is not applied to self-representing PSU's. The adjustment is made at the State level for each of the 43 States which contains nonsample areas by race cells of black and nonblack. The procedure corrects for differences that existed in each cell at the time of the 1980 census between the race distribution of the population in sample PSU's and the known race distribution of the State.

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

Time period	Number of sample areas	Households eligible		Housholds visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959	1330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	2333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to Dec. 1984	629	57,800	2,500	11,000
Jan. 1985 to Mar. 1988	729	57,000	2,500	11,000
Apr. 1988 to Mar. 1989	729	53,200	2,600	11,500
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.

b. *Second-stage ratio estimate.* In this stage, the sample proportions of persons in specific categories are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio adjustment, which further reduces variability of the estimates and corrects to some extent for CPS undercoverage relative to the decennial census, is carried out in three steps.

In the first step, the sample estimates are adjusted within each State and the District of Columbia to independent controls for the population 16 years and over. These controls are an arithmetic extrapolation of the trend in the growth of this population segment using the two most recent July 1 estimates, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports, Series P-25*. For a description of the methodology used in developing the State total, see Report 957 of that series. A description of the age estimates methodology is available in Report 1010 of that series.

The second step involves an adjustment by Hispanic origin to a national estimate for 14 Hispanic and 5 non-Hispanic age-sex categories. These Hispanic controls are prepared by carrying forward the 1980 census count for Hispanics by adding estimated Hispanic births and immigrants and subtracting estimated Hispanic deaths and emigrants to yield an estimate of the Hispanic population by age and sex. Prior to January 1985, there was no separate control for Hispanics in the second-stage ratio procedure.

In the third step, a national adjustment is made by the race categories of white, black, and other races to indepen-

dent estimates by age and sex. The white and black categories contain 66 and 42 age-sex groups respectively; the other races category has 10 age-sex cells. The entire second-stage adjustment procedure is iterated six times, each time beginning at the weights developed the previous time. This ensures that the sample estimates of the population for both State and national age-sex-race-origin categories will be virtually equal to the independent population control totals.

The "inflation-deflation" method is used in the preparation of the independent national controls used for the age-sex-race groups in the third step of the second-stage ratio estimation procedure. It had been discontinued during the period from January 1982 to December 1984. In January 1985, this method was reintroduced into the CPS estimation procedure. With "the inflation-deflation" method, the independent controls are prepared by inflating the 1980 census counts to include estimated undercounts by age, sex, and race, thus aging this population forward to each subsequent month and later age by adding births and net migration, and subtracting deaths. These postcensal population estimates are then deflated to reflect the pattern of net undercount in the most recent census by age, sex, and race. Because an estimate of undercount is first added and then subtracted, the size of each race-sex group is unaffected by the "inflation-deflation" method. Similarly, the final estimate is affected only by the age structure of the undercount, but not the level. This feature of the method is important because the exact amount of undercount in the 1980 census remains unknown.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulations of vital statistics for the resident population made by the National Center

for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population is derived by subtracting the Armed Forces and the institutional population for the estimate date from the total including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

Beginning in January 1986, two changes were introduced into the estimation of the independent population controls. For the first time, an explicit allowance for net undocumented immigration since April 1, 1980 (the census date) was added to the estimated level of legal immigration. In addition, an increase in the estimate of emigration of legal, foreign-born residents has been incorporated into the postcensal population estimates since 1980. The nature and effect of these changes are discussed in detail in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of *Employment and Earnings*.

3. *Composite estimate 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. The unemployment estimates for these persons are 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.

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 primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure 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. Nonsampling error would more severely affect estimates of monthly levels.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as those in recording or coding the data, errors made in 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, because 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. Compared to the level of the decennial census, undercoverage is about 6 percent. 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 combined than for whites. Ratio estimation 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. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

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.

Because 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 sampling errors and some kinds of non-sampling 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 1991. 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. 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, because 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.

Table 1-B. Standard errors for major employment status categories

(In thousands)

Industry	Monthly level	Consecutive-month change
Total, 16 years and over:		
Civilian labor force	260	191
Employed	281	213
Unemployed	144	157
Men, 20 years and over:		
Civilian labor force	165	140
Employed	183	154
Unemployed	106	120
Women, 20 years and over:		
Civilian labor force	196	148
Employed	201	154
Unemployed	88	101
Both sexes, 16 to 19 years:		
Civilian labor force	83	82
Employed	80	80
Unemployed	52	68
Black, 16 years and over:		
Civilian labor force	121	88
Employed	123	93
Unemployed	65	74
Men, 20 years and over:		
Civilian labor force	67	59
Employed	72	64
Unemployed	46	54
Women, 20 years and over:		
Civilian labor force	85	64
Employed	84	65
Unemployed	43	50
Both sexes, 16 to 19 years:		
Civilian labor force	33	34
Employed	28	29
Unemployed	25	29
Hispanic origin, 16 years and over:		
Civilian labor force	97	68
Employed	102	81
Unemployed	52	61

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 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 approximate standard error of 196,000 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 53,686,000 to 54,314,000. 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 240,000, and the standard error corresponding to 120,000,000 is given as 206,000. 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.

$$206,000 + \left(\frac{120,000,000 - 116,150,000}{120,000,000 - 100,000,000} \right) (240,000 - 206,000) = 213,000$$

Thus, a 90-percent confidence interval for the true month-to-month change would be approximately the interval from 759,000 to 1,441,000.

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

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

Characteristic	Monthly level	Consecutive-month change
Total, 16 years and over . . .	0.11	.14
Men, 16 years and over . . . . .	.16	.19
Men, 20 years and over . . . . .	.16	.19
Women, 16 years and over . . . . .	.16	.19
Women, 20 years and over . . . . .	.16	.19
Both sexes, 16 to 19 years . . . . .	.78	1.03
White workers . . . . .	.12	.14
Black workers . . . . .	.48	.56
Hispanic-origin workers . . . . .	.50	.60
Married men, spouse present . . . . .	.17	.20
Married women, spouse present . . . . .	.18	.22
Women who maintain families . . . . .	.55	.65
Occupation		
Executive, administrative, and managerial . . . . .	.23	.27
Professional specialty . . . . .	.18	.22
Technicians and related support . . . . .	.40	.47
Sales . . . . .	.30	.36
Administrative support, including clerical . . . . .	.26	.31
Private household	1.44	1.71
Protective service . . . . .	.86	1.02
Service, except private household and protective service . . . . .	.36	.43
Precision production, craft, and repair . . . . .	.38	.45
Machine operators, assemblers, and inspectors . . . . .	.53	.64
Transportation and material moving . . . . .	.58	.69
Handlers, equipment cleaners, helpers, and laborers . . . . .	.80	.96
Farming, forestry, and fishing . . . . .	.66	.78
Industry		
Nonagricultural private wage and salary workers . . . . .	.14	.16
Goods-producing industries . . . . .	.28	.33
Mining	1.59	1.89
Construction . . . . .	.76	.91
Manufacturing . . . . .	.29	.34
Durable goods . . . . .	.37	.45
Non-durable goods . . . . .	.45	.54
Service-producing industries . . . . .	.15	.18
Transportation, communications, and public utilities . . . . .	.42	.50
Wholesale and retail trade . . . . .	.27	.33
Finance and services . . . . .	.19	.23
Government workers . . . . .	.20	.24
Agricultural wage and salary workers	1.08	1.29

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.

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.

$$a = -0.000015749 \quad b = 2464.91$$

$$s_x = \sqrt{(-0.000015749)(6,000,000)^2 + (2464.91)(6,000,000)} = 119,000$$

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.

$$s_x = \sqrt{(-0.000082123)(6,100,000)^2 + (3494.11)(6,100,000)} = 135,000$$

An approximate 90-percent confidence interval for the true month-to-month change would be the interval from -16,000 to 416,000. 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

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	11	11	11	11	12	11	11	11	12	12
100	16	16	16	16	16	16	16	16	17	17
500	38	36	35	36	36	35	35	36	38	38
1,000	57	50	49	49	51	50	50	50	52	52
2,000	88	69	70	67	71	70	70	69	71	71
4,000	145		98	86	96	99	98	93	93	93
6,000	200		119	94		120	120	108	102	102
8,000	253		137	93		138	137	117	104	104
10,000	307		152	84		153	152	122	97	97
15,000			183			184	183	117		
20,000			207			209	207	84		
30,000						246	243			
40,000						273	267			
50,000						293	284			
60,000						306	294			
70,000						313	297			
80,000						316	295			
100,000						306	272			
120,000						275	216			
140,000						211				
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	13	13	14	9	9	9	10	9
100	18	15	19	19	19	13	13	13	14	12
500	39	34	42	41	43	29	29	30	32	27
1,000	53	48	58	57	60	41	41	41	44	37
2,000	71	66	82	76	82	57	57	57	60	50
4,000	85		113	92	107	81	81	76	77	65
6,000	82		134	91		98	98	87	84	72
8,000	58		151	72		112	112	93	84	73
10,000			163			125	125	95	76	68
15,000			184			150	150	82		
20,000			192			170	170			
30,000						200	200			
40,000						222	222			
50,000						237	237			
60,000						246	246			
70,000						251	251			
80,000						252	252			
100,000						240	240			
120,000						206	206			
140,000						138	138			
160,000										
180,000										

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 percentage 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 $b = 2111.70$ 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:

$$s_{y,p} = \sqrt{\frac{2111.70}{5,600,000} (32) (100 - 32)} = 0.9 \text{ percent}$$

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 $b = 2245.76$ 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.

$$s_{y,p} = \sqrt{\frac{2245.76}{5,650,000} (33) (100 - 33)} = 0.9 \text{ percent}$$

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

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	-0.000015503	2488.36
Men ¹	-.000028833	2300.61
Women	-.000025830	2111.70
Both sexes, 16 to 19 years	-.000149802	2039.69
White ¹	-.000017494	2488.36
Men	-.000032295	2300.61
Women	-.000029346	2111.70
Both sexes, 16 to 19 years	-.000177579	2039.69
Black	-.000113103	2613.14
Men	-.000273973	2458.39
Women	-.000164107	2181.67
Both sexes, 16 to 19 years:	-.001144754	2390.62
Hispanic origin	-.000199918	2945.94
Not in labor force, total or white, excluding women and 16-to 19-year-olds .....	.000005200	690.84
Agricultural employment:		
Total or white .....	.000685688	2541.14
Men .....	.000755044	2351.42
Women or both sexes, 16 to 19 years	-.000021749	2155.45
Black	-.000121753	2626.04
Hispanic origin:		
Total or women .....	.011486158	2189.09
Men or both sexes, 16 to 19 years .....	.015153395	1268.58
Unemployment:		
Total or white	-.000015749	2464.91
Black	-.000191460	2621.89
Hispanic origin	-.000098631	2704.53

¹ Excludes not-in-labor-force data.

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	-0.000010944	1668.04
High correlation characteristics ¹	-0.000008144	1304.38
Low correlation characteristics ¹	-0.000014170	2126.02
Men:		
Most characteristics	-0.000019884	1599.03
High correlation characteristics	-0.000014794	1249.33
Low correlation characteristics	-0.0000051372	2221.13
Women:		
Most characteristics	-0.000018554	1410.58
Low correlation characteristics	-0.0000052252	2245.76
Both sexes, 16 to 19 years	-0.000162663	2097.34
Black:		
Most characteristics	-0.000089327	1787.47
Low correlation characteristics	-0.0001740338	5422.14
Men:		
Most characteristics	-0.000212603	1912.52
Low correlation characteristics	-0.0002613218	4889.94
Women:		
Most characteristics	-0.000140597	1539.24
Low correlation characteristics	-0.0002078353	4483.53
Both sexes, 16 to 19 years	-0.0001139392	2538.37
Hispanic origin:		
Total	-0.000152279	2098.10
Civilian labor force and not in labor force	-0.000099676	1459.85
Low correlation characteristics	-0.0002541911	6518.78
Men, civilian labor force and not in labor force	-0.000238849	1749.13
Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years	-0.000384132	2694.10
Women, 16 years and over and 20 years and over	-0.000330113	1972.12
Agricultural employment:		
Total or white:		
Total	-0.000346999	3199.19
Men	-0.000592136	3295.42
Women or both sexes, 16 to 19 years	0.000113873	1975.66
Black:		
Total or women	-0.000110444	2382.12
Men or both sexes, 16 to 19 years	-0.017331654	4929.50
Hispanic origin:		
Total or women	0.002782195	3509.38
Men or both sexes, 16 to 19 years	0.002777539	3001.45
Self-employed	-0.000215510	1743.43
Unemployment: ²		
Total or white:		
Total, men, women	-0.000082123	3494.11
Both sexes, 16 to 19 years and low correlation characteristics	-0.000062800	4269.23
Black:		
Total, men, women, and both sexes, 16 to 19 years	-0.000373894	3630.26
High correlation characteristics	0.000043481	2571.23
Hispanic origin:		
Total, men, women	-0.000244978	3822.03
Both sexes, 16 to 19 years and low correlation characteristics	-0.000965230	5321.96

¹ High correlation characteristics include employed full-time, manufacturing, and 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.

in monthly estimates. Table 1-H gives factors to be applied only to standard errors for monthly levels. Follow these three basic steps:

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.

$$a = -0.000113103 \quad b = 2613.14$$

$$s_x = \sqrt{(-0.000113103)(11,600,000)^2 + (2613.14)(11,600,000)} = 123,000$$

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 107,000 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.

$$s_x = \sqrt{(-0.000113103)(11,400,000)^2 + (2613.14)(11,400,000)} = 123,000$$

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 103,000 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-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 (Tables B-1 through C-8)

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 1992, this sample included over 370,000 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-7). 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 1,690 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 370,000 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 1,690 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 ba-

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.

sic 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 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 mod-

eling 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 made over the past 10 years. 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 1984 is listed as 140,000; this represents the average of bias adjustments made each month over the period April 1983 through May 1984. 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 2D-2G.

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

Table 2-B. March employment benchmarks and bias adjustments for total private industries, March 1983-92

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

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; levels for 1983-90 were subsequently corrected.

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.

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.

An alternate measure for determining the reliability of the employment estimates for individual industries is the root-mean-square error. This measure is the standard deviation adjusted for the bias in the estimates:

$$RMSE = \sqrt{(\text{standard deviation})^2 + (\text{bias})^2}$$

If the bias is small, the chances are about 19 out of 20 that the difference would be less than twice the root mean square error.

Approximations of the root-mean-square errors of differences between final estimates and benchmarks are presented in table 2-E.

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.

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. The hours and

earnings estimates, however, are subject to sampling errors, which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table 2-F and for individual industries with the specified number of employees in table 2-E. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

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 1992

Industry	Bench- marks (thousands)	Sample coverage ¹		
		Number of establish- ments	Employees	
			Number (thousands)	Percent of bench- marks
Total	107,300	308,646	41,726	39
Mining	634	3,723	276	44
Construction	4,117	25,786	831	20
Manufacturing	17,973	56,010	8,967	50
Transportation and public utilities	5,655	² 15,743	2,308	41
Wholesale trade ...	5,993	26,002	1,149	19
Retail trade	18,855	62,769	4,534	24
Finance, insurance, and real estate ...	6,534	22,709	2,122	32
Services	28,586	72,661	7,253	25
Government:				
Federal	2,974	(³)	2,974	100
State	4,494	5,586	3,656	81
Local	11,485	17,657	7,656	67

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 5,623 reports covering about 60 percent of employment in Federal establishments.

Table 2-D. Current (March 1992) and historical benchmark revisions
(Numbers in thousands)

Industry	March 1992 benchmark revision		10-year average mean percent revision ¹	
	Level	Percent	Actual	Absolute
Total	-59	-0.1	-0.1	0.2
Total private	-130	-.1	-.2	.3
Goods-producing	-263	-1.2	-.7	.7
Mining	-5	-.8	-2.5	2.5
Oil and gas extraction	-4	-1.1	-2.7	2.9
Construction	-109	-2.6	-.5	1.4
General building contractors	-36	-3.6	-.5	2.0
Manufacturing	-149	-.8	-.6	.7
Durable goods	-101	-1.0	-.6	.7
Lumber and wood products	-12	-1.8	-1.2	1.4
Furniture and fixtures	9	1.9	-.3	.9
Stone, clay, and glass products	-6	-1.2	-.4	1.0
Primary metal industries	-11	-1.6	-.7	1.0
Blast furnaces and basic steel products	-3	-1.2	-.1	1.5
Fabricated metal products	-12	-.9	-.7	.9
Industrial machinery and equipment	-23	-1.2	-1.0	1.2
Electronic and other electrical equipment	-22	-1.4	-1.1	1.2
Transportation equipment	-4	-.2	.3	1.1
Motor vehicles and equipment	-1	-.1	.7	1.3
Instruments and related products	-19	-2.0	-.5	1.7
Miscellaneous manufacturing	-2	-.6	-1.2	1.3
Nondurable goods	-48	-.6	-.6	.7
Food and kindred products	-16	-1.0	-.8	1.0
Tobacco products	0	0	-.3	3.8
Textile mill products	-7	-1.0	-.4	.6
Apparel and other textile products	-13	-1.3	-1.0	1.3
Paper and allied products	-1	-.1	-.2	.5
Printing and publishing	-17	-1.1	-.3	.9
Chemicals and allied products	11	1.0	-.4	.8
Petroleum and coal products	4	2.5	-.1	1.5
Rubber and miscellaneous plastics products	-5	-.6	-.7	1.6
Leather and leather products	-4	-3.4	-2.3	3.6
Service-producing	204	.2	0	.3
Transportation and public utilities	-33	-.6	-.5	.6
Transportation	-33	-1.0	-.8	1.2
Communications and public utilities	0	0	-.1	.7
Wholesale trade	44	.7	-.4	1.0
Durable goods	22	.6	-.7	1.1
Nondurable goods	22	.9	.1	.8
Retail trade	164	.9	.3	.6
General merchandise stores	85	3.6	.7	1.9
Food stores	0	0	-.7	1.2
Auto dealers and service stations	-39	-2.0	-.5	1.3
Eating and drinking places	115	1.8	.8	1.3
Finance, insurance, and real estate	-100	-1.5	-.5	.6
Finance	-75	-2.4	-.7	.8
Insurance	-7	-.3	0	.8
Real estate	-18	-1.4	-.5	1.4
Services	58	.2	.1	.5
Business services	2	(²)	.3	1.6
Health services	20	.2	-.5	.9
Government	71	.4	.1	.3
Federal	0	0	0	0
State	27	.6	.4	.7
Local	44	.4	0	.4

¹ Data relate to the 1983-92 benchmarks, as originally published. Benchmark levels for 1982-90 were subsequently corrected.

² Less than 0.05 percent.

Table 2-E. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates ¹	Relative error ² (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	2.2	4.0
100,000	3,900	1.3	2.3
200,000	5,600	1.1	2.0
500,000	14,000	.9	1.6
1,000,000	15,000	.8	1.2
2,000,000	26,000	.5	.9

¹ Assuming 12-month intervals between benchmark revisions.

² Relative errors relate to 1982 data.

Table 2-F. Relative errors for average weekly hours and average hourly earnings by industry (In percent)

Industry	Relative error ¹	
	Average weekly hours	Average hourly earnings
Total private	0.1	0.2
Mining	1.0	1.3
Construction .....	.2	.5
Manufacturing .....	.1	.2
Durable goods .....	.1	.3
Nondurable goods .....	.1	.2
Transportation and public utilities .....	.7	.6
Wholesale trade .....	.2	.4
Retail trade .....	.2	.4
Finance, insurance, and real estate .....	.2	.4
Services .....	.4	.6

¹ Relative errors relate to 1982 data.

The interpretation of these measures is parallel to the description above for revisions between final sample-based estimates and benchmarks (i.e., tables 2-C and 2-E).

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-8, B-9, and C-8)

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	Mean percent revision	
		Actual	Absolute
Total	78,200	0.0	0.1
Total private	55,500	0	0
Goods-producing industries	17,900	0	.1
Mining	2,600	0	.3
Oil and gas extraction	2,300	.1	.4
Construction	10,800	.1	.2
General building contractors	4,600	.1	.2
Manufacturing	12,500	0	.1
Durable goods	9,300	0	.1
Lumber and wood products	1,500	0	.2
Furniture and fixtures	1,400	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	-.2	.4
Fabricated metal products	2,200	0	.1
Industrial machinery and equipment	3,000	0	.1
Electronic and other electrical equipment	3,300	0	.1
Transportation equipment	4,500	-.1	.2
Motor vehicles and equipment	3,800	0	.4
Aircraft and parts ¹	1,600	-.1	.2
Instruments and related products	1,900	0	.2
Miscellaneous manufacturing	1,500	0	.3
Nondurable goods	7,000	0	.1
Food and kindred products	4,300	0	.2
Tobacco products	600	.2	1.0
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	1,800	0	.1
Chemicals and allied products	1,800	0	.1
Petroleum and coal products	800	-.1	.4
Rubber and misc. plastics products	1,700	0	.2
Leather and leather products	900	-.1	.6
Service-producing industries	71,700	0	.1
Transportation and public utilities	9,100	0	.1
Transportation	7,400	.0	.2
Trucking and warehousing ¹	5,300	0	.2
Transportation by air ¹	2,400	-.1	.3
Communications and public utilities	4,400	-.1	.1
Wholesale trade	6,300	0	.1
Durable goods	4,000	0	.1
Nondurable goods	4,000	0	.1
Retail trade	27,500	0	.1
General merchandise stores	13,800	0	.4
Food stores	6,200	0	.2
Automotive dealers and service stations	4,400	0	.1
Apparel and accessory stores ¹	6,800	0	.4
Eating and drinking places	8,000	0	.1
Finance, insurance, and real estate	7,400	0	.1
Finance	4,800	0	.1
Depository institutions ¹	3,700	-.1	.1
Insurance	3,200	0	.1
Real estate	4,000	.1	.2
Services	32,900	0	.1
Agricultural services ¹	2,900	0	.5
Hotels and other lodging places ¹	6,300	0	.3
Personal services ¹	9,800	-.1	.6
Business services	14,500	.1	.2
Personnel supply services ¹	10,400	.3	.5

Table 2-G. Errors of preliminary employment estimates – Continued

Industry	Root-mean-square error of monthly level	Mean percent revision	
		Actual	Absolute
Service-producing industries—Continued			
Auto repair, services, and parking ¹	2,900	-.1	.2
Miscellaneous repair services ¹	1,500	-.1	.3
Motion pictures ¹	4,700	0	1.0
Amusement and recreation services ¹	14,500	.7	1.1
Health services	8,100	0	.1
Hospitals ¹	3,700	0	.1
Legal services ¹	1,700	-.1	.1
Educational services ¹	11,500	0	.5
Social services ¹	7,300	0	.3
Museums and botanical and zoological gardens ¹ ...	700	-.4	.8
Membership organizations ¹	4,300	0	.2
Engineering and management services ¹	3,400	0	.1
Government	47,000	0	.2
Federal	15,100	.1	.4
State	19,100	0	.3
Local	30,000	0	.2

¹ Data based on differences from January 1990 through December 1992.

NOTE: Errors are based on differences from January 1988 through

December 1992. Data used in the computations for several industries are not strictly comparable due to changes in the industrial classification system, unless otherwise noted.

Productivity Data (Tables C-9 through C-11)

COLLECTION

Productivity data are compiled by the Bureau of Labor Statistics from establishment and household survey labor input data and from measures of compensation and output supplied by the U.S. Department of Commerce and the Federal Reserve Board.

CONCEPTS

Hours of wage and salary workers in nonfarm establishments (table C-9) refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers. For productivity and cost measures (tables C-10, 11), hours of all persons include hours of employees, proprietors, and unpaid family workers. Labor input is measured by hours at the worksite.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of all persons (productivity) measure changes in the volume of goods and services produced per hour at work.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted by the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour.

Unit nonlabor payments include profits, capital consumption allowances, interest, rental income of persons,

and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross product originating in the sector and dividing by output. In these tables, *unit nonlabor costs* contain all the components of unit nonlabor payments except unit profits.

Unit profits include corporate profits and inventory valuation and capital consumption adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for the gross product of the sector reported.

NOTES ON THE DATA

For the business sector and the nonfarm business sector, these indexes relate to the gross domestic product less general government, households and institutions, owner-occupied housing, and the statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business. All measures are seasonally adjusted.

Manufacturing output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis.

Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics. Historical statistics for most productivity measures appear in *Trends in Multifactor Productivity, 1948-81*, BLS Bulletin 2178. Additional information may be obtained from the Office of Productivity and Technology (202-606-5606).

Regional, State, and Area Labor Force Data (Tables D-1 through D-3)

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, the Economic Dislocation and Worker Adjustment Assistance Act, and the Urban Development Action Grant program.

Annual average data for the States and areas shown in table D-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 2,600 labor market areas. The estimation methods are described below for States (and the District of Columbia) and for sub-State areas. 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 the 11 largest 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, regression models (sets of equations) are used to develop employment and unemployment estimates. These are the "non-direct-use" States. 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. When the estimation procedures were introduced in 1989, over 10 years of data were used to develop the equations for each State. While all the State models have important variables in common, they differ somewhat from one another so as to better reflect individual State characteristics.

Two models—one for employment and one for the unemployment rate—are used for each State. The unemployment rate, rather than the unemployment level, is modeled primarily because the rate is usually more meaningful for economic analysis.

The employment models use the CES estimates of non-farm wage and salary jobs and also include data for employed persons not covered or only partially covered by the CES survey. Typically, these are agricultural workers, the self-employed, unpaid family workers, and private household workers.

The unemployment rate models also include different types of data. Data for UI claimants (without earnings due to employment) are used to represent most of the experienced unemployed. The models also include an employment-to-population ratio which reflects both the business cycle and the experienced unemployed not covered by the UI claims data. New entrants and reentrants into the labor force are also addressed in the models. For some States, the models include variables which adjust for seasonal factors not reflected in the other data used, such as the large increase in the labor force at the end of the school year.

In both the employment 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 models are termed "variable coefficient models" because they include 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, the unemployment level and labor force estimates are calculated.

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 all other sub-State areas, more than 2,600 labor market areas (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 1980 decennial census. These factors are applied to the CES estimates for the current period to obtain adjusted employment esti-

mates, 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, plus the resident Armed Forces total (not adjusted for seasonality), and four seasonally adjusted unemployment

components. The total for unemployment is the sum of the four unemployment components, and the overall 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. Revised seasonally adjusted data covering the revision period for a broader range of labor force series are published in the February issue of this publication.

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 D-1 and D-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.

Since the early 1980's, BLS has also used the X-11 ARIMA procedure to seasonally adjust 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 will continue to be made once a year, coincident with benchmark revisions.

All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. For employment, seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for hours and earnings series are obtained by taking a weighted average of the seasonally adjusted data for the component 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, season-

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

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These failed or unsatisfactory seasonally adjusted series, however, are used in the aggregation to broader level seasonally adjusted series.

Seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. The number of temporary census workers

for the decennial census, however, are removed prior to the calculation of seasonal adjustment factors.

BLS has developed an extension of X-11 ARIMA to allow it to adjust more adequately for the effects of the presence or absence of religious holidays in the April survey reference period and of Labor Day in the September reference period. This extension was applied for the first time at the end of 1989 to three persons-at-work labor force series which tested as having significant and well-defined effects in their April data associated with the timing of Easter. This extension was also used for the seasonal adjustment of many of the establishment-based series on average weekly hours and manufacturing over-time hours, starting with the computation of the projected factors for the period beginning in April 1990.

Revised seasonally adjusted establishment-based series based on the experience through March 1993, new seasonal adjustment factors for May-October 1993, and a description of the current seasonal adjustment procedure appear in the June 1993 issue of *Employment and Earnings*.

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

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	Current Employment Statistics (CES) and State and Local Area Unemployment Statistics (LAUS) Programs			
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	IV MISSISSIPPI	Employment Security Commission, Labor Market Information Division, P.O. Box 1699, Jackson 39215-1699	III WEST VIRGINIA	Department of Employment Security, Division of Labor and Economic Security, 112 California Avenue, Charleston 25305
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