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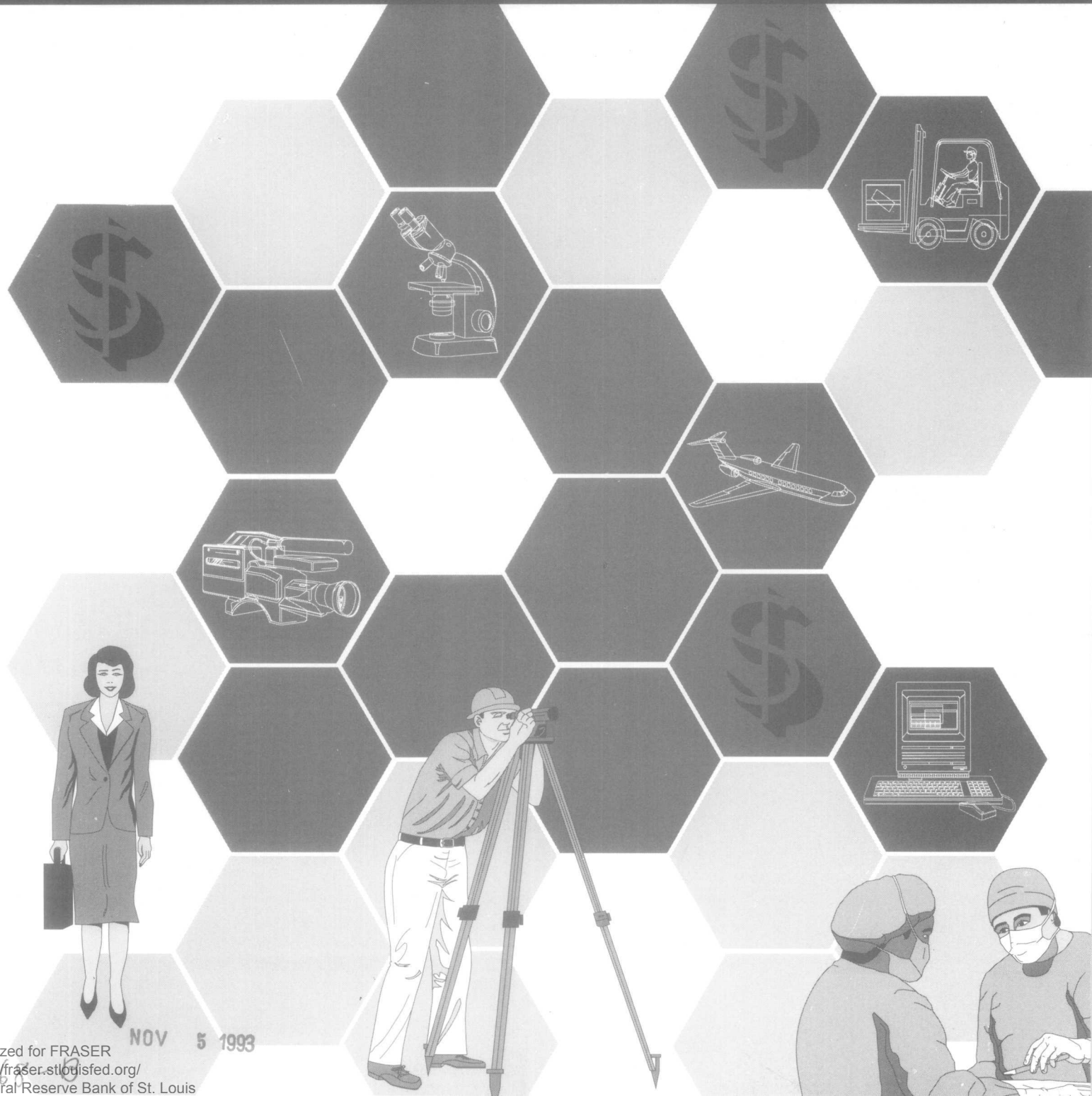
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EMPLOYMENT AND EARNINGS

in this issue: Third quarter 1993
averages for household
survey data

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





U.S. DEPARTMENT OF LABOR

Robert B. Reich, Secretary

BUREAU OF LABOR STATISTICS

E&E— *Employment and Earnings* (ISSN 0013-6840), is prepared in the Office of Employment and Unemployment Statistics in collaboration with the Office of Publications and Special Studies. The data are collected by the Bureau of the Census (Department of Commerce) and State employment security agencies, in cooperation with the Bureau of Labor Statistics. A brief description of the cooperative statistical programs of the BLS with these agencies is presented in the Explanatory Notes. The State agencies are listed on the inside back cover.

Employment and Earnings may be ordered from: New Orders, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954. Phone (202) 783-3238. Subscription price per year \$31 domestic and \$38.75 foreign. Single copy \$13 domestic and \$16.26 foreign. Prices are subject to change by the U.S. Government Printing Office.

Correspondence concerning subscriptions, including address changes and missing issues, should be sent to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Phone (202) 512-2303. POSTMASTER: Send address changes to Employment and Earnings, U.S. Government Printing Office, Washington, DC 20402.

Communications on material in this publication should be addressed to: Editors, *Employment and Earnings*, Bureau of Labor Statistics, Washington, DC 20212. Specific questions concerning the data in this publication should be directed as follows: Household data, (202) 606-6373 or 6378; national establishment data, 606-6555; State and area establishment data, 606-6559; productivity data, 606-5606; and State and area labor force data, 606-6392.

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October 1993

Vol. 40 No. 10

Calendar of Features

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

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

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail	Mar., June
Women employees	Mar., June
National data revised to reflect new benchmarks and new seasonal adjustment factors	June
Revised historical national data	Bulletin 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 1993.

Employment and Earnings

Editors: Gloria Peterson Green, Eugene H. Becker

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Employment and Unemployment Developments, September 1993

Nonfarm payroll employment rose moderately in September and the unemployment rate remained at its August level of 6.7 percent. The Nation's jobless rate has shown some improvement in recent months, having edged down from the average of 7.0 percent in the first half of this year.

The number of payroll jobs, as measured by the survey of business establishments, rose by 156,000 in September, following little change in August. Total employment, as estimated from the household survey, showed a decline in September, but this followed a very large increase in the prior month.

Unemployment

The number of unemployed persons (8.5 million) continued to edge down in September, while the unemployment rate was unchanged at 6.7 percent. Since June 1992, when unemployment peaked at 9.8 million, the number of jobless persons has decreased by 1.3 million and the rate has declined by a full percentage point.

There was little or no change over the month in the unemployment rates for the major demographic groups. Rates for adult men (6.3 percent), adult women (5.7 percent), teenagers (17.4 percent), whites (5.8 percent), blacks (12.6 percent), and Hispanics (9.7 percent) remained at or near their August levels. At 35.7 percent in September, the rate for black teenagers, which had declined in both July and August, edged back up to the July level. (See tables A-33 and A-34.)

The number of unemployed persons who had lost their last jobs—including those on temporary layoff who were expecting recall—declined by 217,000 over the month to 4.7 million. Since the June 1992 peak in unemployment, this measure has fallen by about 800,000. (See table A-41.)

Total employment and the labor force

Total employment showed a decline of 253,000 in September to 119.5 million, but this followed a substantial increase (409,000) in August. Since September 1992, the number of employed persons has grown by 1.8 million. The percentage of the total civilian population with jobs—the employment-population ratio—slipped 0.2 percentage point over the month to 61.6 percent but is still higher than a year earlier. (See table A-33.)

At 128.0 million in September, the civilian labor force declined by 395,000, more than offsetting a gain of about 300,000 in August. Reflecting this decline, the civilian labor

force participation rate fell by 0.2 percentage point to 66.0 percent. Over the past year, the labor force has increased by only 800,000. (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 1.1 million in the third quarter of 1993, about in line with the levels that prevailed over the past 2 years. (See table A-53.)

Industry payroll employment

Nonfarm payroll employment increased by 156,000 to 110.5 million in September, with the gain being about the same as the average monthly increase so far in 1993. There were modest gains in most industries, with the notable exception of manufacturing. (See table B-4.)

Manufacturing employment edged down by 18,000 in September and has declined by 260,000 since February. The over-the-month decline was concentrated among the nondurable goods industries, an unusual occurrence. Within these industries, job losses took place in food processing, apparel, printing and publishing, and rubber and plastics. In durable goods, on the other hand, transportation equipment had its smallest drop in 8 months, and employment in electronic equipment and fabricated metals, which had been decreasing for the past several months, was unchanged. Employment in instruments and related products, however, continued its pattern of large declines.

Construction employment was little changed in September. Since its low point a year earlier, however, this industry has added about 150,000 jobs. The number of employees on mining payrolls increased by 5,000 over the month, partially reflecting the return of striking workers in metal mining.

Within the service-producing sector, retail trade employment increased by 41,000 in September, returning to its pattern of fairly robust employment increases that have totaled 450,000 over the past year. Much of the strength in that industry continued to come from eating and drinking places. Employment in transportation and public utilities increased for the first time in 6 months, expanding by 12,000 in September. Finance, insurance, and real estate employment rose by 10,000, concentrated in financial institutions. Buoyed by low interest rates, employment in mortgage banking and security brokerage firms has accounted for most of the growth in finance over the past year. Local government employment

increased by 54,000 over the month, following 2 months of decline.

Service employment rose by a modest 27,000 in September. The number of jobs in health services continued to increase, but there was an uncharacteristically small rise in business services that reflected some weakness in the personnel supply component. Employment in amusement and recreation and in social services, which had exceptional gains earlier in the year, retreated in September.

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls decreased by 0.3 hour in September to 34.4 hours, reversing gains in the prior 2 months. Manufacturing weekly and overtime hours remained at very high levels, 41.4 and 4.1 hours, respectively, and have varied only slightly during 1993. (See table C-5.)

The index of aggregate weekly hours of private nonfarm production or nonsupervisory workers was down over the month by 0.8 percent to 123.8 (1982=100), seasonally adjusted. The manufacturing index was down slightly to 100.7. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers on nonfarm payrolls were unchanged in September at \$10.86, seasonally adjusted, following an increase in August. Average weekly earnings declined 0.9 percent to \$373.58 in September, reflecting the decline in the workweek. Prior to seasonal adjustment, average hourly earnings rose 12 cents to \$10.90, but, because of a large over-the-month reduction in the workweek (0.6 hour), average weekly earnings decreased \$2.33 to \$376.05. Over the year, average hourly and weekly earnings increased 2.3 and 2.9 percent, respectively. (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 effects 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*.

The redesign will necessitate changes in the presentation of household survey data. Several new series will be created; others will no longer be published. Coincident with the introduction of the results of the redesign, several organizational changes will be implemented, effective with the February 1994 issue. These include expanded tables of contents and the addition of summary tables, charts, and a tabular index. Moreover, seasonally adjusted data will be presented before the not seasonally adjusted data, and the current B and C tables will be merged as B tables. It is anticipated that these changes will facilitate data location and make *Employment and Earnings* more "user friendly."

Scheduled Release Dates

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

Reference month	Release date	Reference month	Release date
October	November 5	January	February 4
November	December 3	February	March 4
December	January 7	March	April 1

**HOUSEHOLD DATA
HISTORICAL**

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 ³	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:												
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	
July	195,104	129,541	66.4	120,772	1,471	119,301	3,039	116,262	8,769	6.8	65,563	
August	195,275	129,852	66.5	121,192	1,482	119,710	2,980	116,729	8,661	6.7	65,423	
September	195,453	129,457	66.2	120,939	1,482	119,457	3,095	116,362	8,517	6.6	65,996	

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	6,179	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:											
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
July	93,986	71,056	75.6	65,999	1,317	64,682	2,381	62,301	5,057	7.1	22,930
August	94,076	71,259	75.7	66,265	1,327	64,938	2,321	62,616	4,994	7.0	22,817
September	94,169	70,872	75.3	66,033	1,326	64,707	2,461	62,246	4,839	6.8	23,297
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:											
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
July	101,119	58,485	57.8	54,772	154	54,618	658	53,960	3,712	6.3	42,634
August	101,199	58,594	57.9	54,927	155	54,772	659	54,113	3,667	6.3	42,605
September	101,284	58,585	57.8	54,906	156	54,750	634	54,116	3,678	6.3	42,699

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 adjusted ²								
1992:								
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
July	193,633	128,070	66.1	119,301	8,769	6.8	7.3	6.4
August	193,793	128,370	66.2	119,710	8,661	6.7	7.1	6.3
September	193,971	127,975	66.0	119,457	8,517	6.7	7.0	6.3

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	September 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	193,971	127,858	65.9	119,730	8,128	6.4	66,113	23,739	9,285	4,336	28,753
16 to 19 years	13,321	6,493	48.7	5,343	1,150	17.7	6,827	366	5,835	28	598
16 to 17 years	6,724	2,542	37.8	2,090	451	17.8	4,182	93	3,865	9	215
18 to 19 years	6,596	3,952	59.9	3,253	699	17.7	2,645	273	1,970	19	383
20 to 24 years	17,515	13,291	75.9	11,997	1,293	9.7	4,224	1,314	2,072	104	734
25 to 54 years	110,826	92,638	83.6	87,644	4,993	5.4	18,189	10,843	1,336	2,043	3,966
25 to 34 years	41,175	34,382	83.5	32,152	2,231	6.5	6,792	4,218	839	421	1,315
25 to 29 years	19,083	15,896	83.3	14,745	1,151	7.2	3,187	1,923	488	175	602
30 to 34 years	22,092	18,486	83.7	17,407	1,080	5.8	3,606	2,295	352	246	713
35 to 44 years	40,551	34,448	84.9	32,772	1,676	4.9	6,103	3,710	358	750	1,285
35 to 39 years	21,565	18,207	84.4	17,223	984	5.4	3,358	2,069	227	371	691
40 to 44 years	18,986	16,241	85.5	15,549	692	4.3	2,745	1,640	131	380	595
45 to 54 years	29,101	23,808	81.8	22,721	1,086	4.6	5,293	2,916	139	873	1,366
45 to 49 years	16,127	13,574	84.2	12,955	619	4.6	2,553	1,448	104	420	581
50 to 54 years	12,973	10,233	78.9	9,766	467	4.6	2,740	1,468	35	452	785
55 to 64 years	21,055	11,823	56.2	11,250	573	4.8	9,232	3,594	29	909	4,701
55 to 59 years	10,818	7,223	66.8	6,886	337	4.7	3,595	1,670	16	497	1,412
60 to 64 years	10,237	4,600	44.9	4,365	235	5.1	5,637	1,924	12	412	3,288
65 years and over	31,254	3,613	11.6	3,495	119	3.3	27,641	7,622	13	1,251	18,755
65 to 69 years	10,029	2,051	20.5	1,978	73	3.6	7,978	2,352	8	293	5,325
70 to 74 years	8,574	964	11.2	943	21	2.2	7,610	2,049	1	253	5,306
75 years and over	12,651	598	4.7	574	24	4.1	12,053	3,222	4	705	8,123
Men											
16 years and over	92,843	69,493	74.8	65,159	4,334	6.2	23,350	603	4,530	2,427	15,791
16 to 19 years	6,768	3,393	50.1	2,761	632	18.6	3,375	22	3,003	19	331
16 to 17 years	3,453	1,319	38.2	1,069	249	18.9	2,134	5	2,012	5	112
18 to 19 years	3,316	2,074	62.6	1,692	383	18.5	1,241	17	991	13	220
20 to 24 years	8,569	7,042	82.2	6,326	716	10.2	1,527	41	1,012	72	403
25 to 54 years	54,409	50,388	92.6	47,823	2,565	5.1	4,021	305	504	1,310	1,902
25 to 34 years	20,306	18,940	93.3	17,835	1,105	5.8	1,366	115	364	276	611
25 to 29 years	9,387	8,709	92.8	8,162	547	6.3	678	46	224	113	295
30 to 34 years	10,919	10,231	93.7	9,873	558	5.5	688	69	140	163	316
35 to 44 years	19,943	18,623	93.4	17,746	877	4.7	1,319	116	100	482	621
35 to 39 years	10,634	9,943	93.5	9,434	509	5.1	690	73	64	248	306
40 to 44 years	9,309	8,680	93.2	8,312	368	4.2	629	44	36	234	315
45 to 54 years	14,160	12,825	90.6	12,242	583	4.5	1,336	74	40	552	670
45 to 49 years	7,895	7,262	92.0	6,960	302	4.2	633	35	28	284	286
50 to 54 years	6,265	5,563	88.8	5,282	281	5.0	702	39	11	268	384
55 to 64 years	9,984	6,556	65.7	6,212	344	5.2	3,428	61	8	533	2,826
55 to 59 years	5,162	3,988	77.2	3,790	198	5.0	1,174	27	7	300	840
60 to 64 years	4,822	2,568	53.3	2,422	146	5.7	2,254	34	1	232	1,986
65 years and over	13,113	2,114	16.1	2,037	77	3.8	10,999	173	4	493	10,329
65 to 69 years	4,592	1,177	25.6	1,124	53	4.5	3,415	58	4	159	3,193
70 to 74 years	3,769	592	15.7	563	9	1.5	3,177	48	-	111	3,018
75 years and over	4,753	345	7.3	330	15	4.4	4,407	67	-	223	4,117
Women											
16 years and over	101,128	58,365	57.7	54,571	3,794	6.5	42,763	23,137	4,755	1,909	12,962
16 to 19 years	6,552	3,100	47.3	2,582	518	16.7	3,452	344	2,833	10	267
16 to 17 years	3,272	1,223	37.4	1,021	202	16.5	2,049	88	1,853	4	103
18 to 19 years	3,281	1,877	57.2	1,561	316	16.8	1,404	256	979	5	163
20 to 24 years	8,946	6,249	69.9	5,672	577	9.2	2,697	1,273	1,060	32	331
25 to 54 years	56,417	42,250	74.9	39,821	2,428	5.7	14,166	10,538	832	733	2,064
25 to 34 years	20,868	15,442	74.0	14,317	1,125	7.3	5,426	4,103	475	144	704
25 to 29 years	9,696	7,187	74.1	6,583	604	8.4	2,509	1,876	263	62	307
30 to 34 years	11,173	8,255	73.9	7,734	522	6.3	2,918	2,226	212	83	397
35 to 44 years	20,609	15,825	76.8	15,026	799	5.0	4,784	3,593	256	266	664
35 to 39 years	10,931	8,264	75.6	7,789	475	5.7	2,668	1,997	164	122	385
40 to 44 years	9,677	7,561	78.1	7,237	324	4.3	2,116	1,597	95	146	279
45 to 54 years	14,940	10,983	73.5	10,479	504	4.6	3,957	2,642	99	321	696
45 to 49 years	8,232	6,313	76.7	5,995	317	5.0	1,920	1,413	75	137	295
50 to 54 years	6,708	4,670	69.6	4,484	186	4.0	2,037	1,429	23	184	401
55 to 64 years	11,071	5,267	47.6	5,038	229	4.3	5,804	3,533	21	376	1,874
55 to 59 years	5,656	3,235	57.2	3,096	139	4.3	2,421	1,643	10	197	572
60 to 64 years	5,415	2,032	37.5	1,943	89	4.4	3,383	1,890	11	180	1,302
65 years and over	16,142	1,499	9.3	1,458	42	2.8	16,642	7,449	9	758	8,426
65 to 69 years	5,437	874	16.1	854	20	2.3	4,563	2,293	4	134	2,132
70 to 74 years	4,806	373	7.8	360	12	3.3	4,433	2,001	1	142	2,288
75 years and over	7,899	253	3.2	243	9	3.6	7,646	3,155	4	482	4,006

**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	September 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	164,190	109,247	66.5	103,164	6,082	5.6	54,944	20,187	6,872	3,202	24,684
16 to 19 years	10,614	5,603	52.8	4,753	850	15.2	5,010	267	4,328	21	394
16 to 17 years	5,370	2,271	42.3	1,895	376	16.5	3,100	73	2,882	7	137
18 to 19 years	5,243	3,332	63.6	2,858	474	14.2	1,911	194	1,447	14	256
20 to 24 years	14,215	11,157	78.5	10,234	923	8.3	3,058	959	1,555	70	473
25 to 54 years	93,308	78,870	84.5	75,126	3,743	4.7	14,438	8,962	960	1,454	3,062
25 to 34 years	34,178	28,892	84.5	27,318	1,573	5.4	5,286	3,422	570	275	1,019
25 to 29 years	15,728	13,340	84.8	12,514	826	6.2	2,388	1,514	316	104	454
30 to 34 years	18,449	15,552	84.3	14,804	747	4.8	2,898	1,908	254	172	565
35 to 44 years	34,193	29,316	85.7	27,999	1,317	4.5	4,877	3,073	281	547	976
35 to 39 years	18,083	15,431	85.3	14,662	768	5.0	2,653	1,686	175	272	519
40 to 44 years	16,110	13,886	86.2	13,336	549	4.0	2,224	1,387	105	275	457
45 to 54 years	24,937	20,662	82.9	19,810	853	4.1	4,275	2,467	109	632	1,067
45 to 49 years	13,808	11,763	85.2	11,288	475	4.0	2,045	1,216	81	298	450
50 to 54 years	11,129	8,899	80.0	8,521	378	4.2	2,231	1,251	29	334	617
55 to 64 years	18,163	10,334	56.9	9,870	465	4.5	7,829	3,098	22	654	4,055
55 to 59 years	9,282	6,281	67.7	6,012	269	4.3	3,001	1,435	12	347	1,206
60 to 64 years	8,881	4,053	45.6	3,858	196	4.8	4,828	1,663	10	306	2,849
65 years and over	27,891	3,282	11.8	3,181	101	3.1	24,609	6,900	6	1,003	16,700
65 to 69 years	8,864	1,842	20.8	1,780	62	3.4	7,022	2,090	5	225	4,702
70 to 74 years	7,610	890	11.7	870	20	2.2	6,720	1,858	1	202	4,658
75 years and over	11,417	550	4.8	531	19	3.5	10,866	2,951	1	575	7,340
Men											
16 years and over	79,230	60,031	75.8	56,762	3,269	5.4	19,199	409	3,377	1,777	13,635
16 to 19 years	5,391	2,910	54.0	2,456	454	15.6	2,481	17	2,224	15	225
16 to 17 years	2,753	1,167	42.4	962	205	17.6	1,586	5	1,499	5	77
18 to 19 years	2,638	1,743	66.1	1,494	249	14.3	895	12	725	10	148
20 to 24 years	7,014	5,892	84.0	5,376	516	8.8	1,122	18	801	44	258
25 to 54 years	46,379	43,496	93.8	41,541	1,955	4.5	2,882	203	343	921	1,415
25 to 34 years	17,075	16,131	94.5	15,303	828	5.1	944	68	250	183	443
25 to 29 years	7,836	7,389	94.3	6,972	416	5.6	447	27	149	67	205
30 to 34 years	9,239	8,742	94.6	8,331	412	4.7	497	41	101	116	238
35 to 44 years	17,044	16,106	94.5	15,425	681	4.2	939	76	69	348	446
35 to 39 years	9,045	8,565	94.7	8,180	386	4.5	480	41	43	177	219
40 to 44 years	7,999	7,540	94.3	7,245	295	3.9	459	35	26	170	227
45 to 54 years	12,259	11,259	91.8	10,813	446	4.0	1,000	59	24	391	526
45 to 49 years	6,810	6,347	93.2	6,127	221	3.5	463	28	17	195	224
50 to 54 years	5,449	4,912	90.1	4,686	226	4.6	537	32	7	196	302
55 to 64 years	8,695	5,790	66.6	5,510	280	4.8	2,905	41	7	392	2,465
55 to 59 years	4,478	3,514	78.5	3,348	166	4.7	964	16	5	211	731
60 to 64 years	4,217	2,276	54.0	2,162	114	5.0	1,940	25	1	181	1,734
65 years and over	11,752	1,943	16.5	1,880	64	3.3	9,808	130	2	404	9,272
65 to 69 years	4,065	1,068	26.3	1,024	43	4.1	2,998	40	2	129	2,827
70 to 74 years	3,371	555	16.5	546	9	1.6	2,816	36	-	89	2,691
75 years and over	4,316	321	7.4	310	11	3.5	3,995	54	-	187	3,754
Women											
16 years and over	84,961	49,215	57.9	46,402	2,813	5.7	35,745	19,777	3,495	1,425	11,048
16 to 19 years	5,223	2,693	51.6	2,297	396	14.7	2,530	250	2,104	6	169
16 to 17 years	2,617	1,104	42.2	933	170	15.4	1,514	68	1,383	2	61
18 to 19 years	2,605	1,590	61.0	1,364	225	14.2	1,016	182	722	4	108
20 to 24 years	7,201	5,266	73.1	4,858	407	7.7	1,935	941	753	26	215
25 to 54 years	46,930	35,374	75.4	33,585	1,788	5.1	11,556	8,759	617	533	1,647
25 to 34 years	17,103	12,760	74.6	12,015	745	5.8	4,342	3,354	320	92	576
25 to 29 years	7,892	5,951	75.4	5,541	410	6.9	1,941	1,488	167	37	249
30 to 34 years	9,210	6,809	73.9	6,474	335	4.9	2,401	1,866	153	55	327
35 to 44 years	17,149	13,210	77.0	12,574	637	4.8	3,938	2,998	212	199	530
35 to 39 years	9,038	6,865	76.0	6,483	383	5.6	2,173	1,646	133	95	300
40 to 44 years	8,111	6,345	78.2	6,091	254	4.0	1,765	1,352	79	105	230
45 to 54 years	12,678	9,403	74.2	8,997	406	4.3	3,275	2,407	85	241	541
45 to 49 years	6,997	5,416	77.4	5,162	254	4.7	1,581	1,188	64	103	226
50 to 54 years	5,681	3,987	70.2	3,835	152	3.8	1,694	1,219	22	138	315
55 to 64 years	9,468	4,544	48.0	4,360	184	4.1	4,924	3,057	15	262	1,590
55 to 59 years	4,805	2,767	57.6	2,664	103	3.7	2,037	1,419	7	136	475
60 to 64 years	4,664	1,777	38.1	1,696	81	4.6	2,887	1,638	8	126	1,115
65 years and over	16,139	1,339	8.3	1,301	37	2.8	14,800	6,769	5	598	7,428
65 to 69 years	4,799	774	16.1	756	18	2.4	4,025	2,050	3	97	1,875
70 to 74 years	4,239	335	7.9	324	11	3.3	3,904	1,822	1	114	1,967
75 years and over	7,101	230	3.2	222	8	3.5	6,871	2,897	1	388	3,586

**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	September 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	22,408	13,954	62.3	12,268	1,686	12.1	8,455	2,511	1,682	995	3,266
16 to 19 years	2,116	700	33.1	443	257	36.7	1,416	77	1,163	8	168
16 to 17 years	1,064	217	20.4	148	69	32.0	848	13	769	3	63
18 to 19 years	1,051	483	46.0	296	188	38.8	568	64	394	5	105
20 to 24 years	2,477	1,655	66.8	1,335	321	19.4	821	272	318	29	202
25 to 54 years	12,939	10,229	79.1	9,223	1,007	9.8	2,710	1,273	194	508	735
25 to 34 years	5,317	4,226	79.5	3,659	567	13.4	1,091	576	140	125	248
25 to 29 years	2,558	1,975	77.2	1,693	283	14.3	583	308	83	68	124
30 to 34 years	2,758	2,251	81.6	1,966	284	12.6	508	268	58	58	124
35 to 44 years	4,650	3,759	80.8	3,482	276	7.3	891	424	40	178	250
35 to 39 years	2,548	2,050	80.5	1,890	160	7.8	498	259	21	83	135
40 to 44 years	2,102	1,709	81.3	1,593	116	6.8	393	165	18	96	114
45 to 54 years	2,973	2,245	75.5	2,081	164	7.3	728	273	14	204	237
45 to 49 years	1,628	1,274	78.2	1,180	94	7.4	355	131	12	105	106
50 to 54 years	1,345	971	72.2	902	70	7.2	373	142	1	99	130
55 to 64 years	2,196	1,111	50.6	1,021	89	8.1	1,086	341	2	226	516
55 to 59 years	1,158	697	60.2	637	60	8.7	461	161	2	133	166
60 to 64 years	1,038	414	39.9	385	29	7.0	624	180	1	94	350
65 years and over	2,881	259	9.7	246	12	4.7	2,422	548	5	224	1,645
65 to 69 years	888	165	18.6	155	10	6.0	722	173	2	60	488
70 to 74 years	789	56	7.1	56	-	(¹)	733	160	-	46	527
75 years and over	1,004	37	3.7	35	3	(¹)	967	215	3	119	630
Men											
16 years and over	10,118	6,900	68.2	6,027	873	12.7	3,218	166	770	556	1,727
16 to 19 years	1,061	381	35.9	224	157	41.2	680	6	584	4	87
16 to 17 years	547	118	21.6	78	40	33.7	429	-	399	-	30
18 to 19 years	514	263	51.1	146	117	44.5	251	6	184	4	57
20 to 24 years	1,144	875	76.5	701	174	19.9	269	16	118	24	111
25 to 54 years	5,835	4,959	85.0	4,473	485	9.8	876	92	64	326	393
25 to 34 years	2,423	2,113	87.2	1,877	236	11.1	310	44	45	78	142
25 to 29 years	1,168	1,000	85.6	890	110	11.0	168	20	27	43	79
30 to 34 years	1,255	1,113	88.7	988	126	11.3	141	25	18	35	63
35 to 44 years	2,093	1,783	85.2	1,626	158	8.8	310	36	14	118	142
35 to 39 years	1,150	987	85.8	894	93	9.4	163	28	5	60	70
40 to 44 years	942	796	84.5	731	65	8.1	146	8	9	58	72
45 to 54 years	1,319	1,063	80.6	970	92	8.7	256	12	6	130	109
45 to 49 years	732	602	82.2	554	48	8.0	130	5	4	74	47
50 to 54 years	587	461	78.5	417	44	9.6	126	6	2	56	62
55 to 64 years	988	556	56.2	508	48	8.6	432	16	1	127	287
55 to 59 years	523	346	66.1	320	26	7.6	177	7	1	81	88
60 to 64 years	465	210	45.1	188	22	10.3	255	9	-	46	200
65 years and over	1,090	130	11.9	121	9	7.1	960	36	2	74	848
65 to 69 years	410	85	20.6	77	8	9.4	326	13	2	24	286
70 to 74 years	321	26	8.2	27	-	(¹)	295	10	-	19	265
75 years and over	359	19	5.2	17	1	(¹)	340	13	-	31	297
Women											
16 years and over	12,290	7,054	57.4	6,241	812	11.5	5,237	2,345	913	440	1,539
16 to 19 years	1,054	319	30.3	219	100	31.3	735	71	579	4	81
16 to 17 years	517	99	19.1	69	30	29.9	418	13	370	2	34
18 to 19 years	537	220	41.0	150	70	32.0	317	58	209	2	48
20 to 24 years	1,332	780	58.6	634	146	18.8	552	256	200	5	91
25 to 54 years	7,105	5,270	74.2	4,749	521	9.9	1,834	1,181	130	182	342
25 to 34 years	2,894	2,113	73.0	1,782	331	15.7	781	532	96	47	106
25 to 29 years	1,390	976	70.2	803	173	17.7	415	289	56	24	46
30 to 34 years	1,504	1,137	75.6	979	159	14.0	368	243	40	23	61
35 to 44 years	2,557	1,975	77.3	1,857	119	8.0	582	388	26	60	108
35 to 39 years	1,397	1,063	76.0	995	67	6.3	335	230	17	22	65
40 to 44 years	1,160	913	78.7	862	51	5.6	247	158	9	38	42
45 to 54 years	1,654	1,182	71.5	1,111	71	6.0	472	261	8	74	128
45 to 49 years	896	672	74.9	626	46	6.8	225	126	8	31	60
50 to 54 years	758	510	67.4	485	25	5.0	247	136	-	43	68
55 to 64 years	1,208	555	45.9	513	42	7.5	653	325	1	99	228
55 to 59 years	635	351	55.3	317	34	9.7	284	155	-	51	78
60 to 64 years	573	204	35.6	197	7	3.7	369	171	1	47	150
65 years and over	1,590	129	8.1	126	3	2.4	1,462	512	3	150	797
65 to 69 years	477	81	16.9	79	2	2.3	397	160	-	35	201
70 to 74 years	468	30	6.4	30	-	(¹)	438	150	-	27	262
75 years and over	645	19	2.9	17	1	(¹)	627	202	3	88	334

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age and sex	September 1993								Not in labor force
	Civilian noninstitutional population	Civilian labor force							
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL									
16 years and over	29,781	18,612	62.5	16,586	233	16,333	2,046	11.0	11,169
16 to 19 years	2,707	890	32.9	590	19	571	300	33.7	1,817
16 to 17 years	1,354	271	20.0	195	11	184	76	27.9	1,083
18 to 19 years	1,353	619	45.8	395	8	387	225	36.3	734
20 to 24 years	3,300	2,133	64.7	1,763	20	1,743	370	17.3	1,166
25 to 54 years	17,518	13,766	78.6	12,518	159	12,359	1,250	9.1	3,750
25 to 34 years	6,997	5,491	78.5	4,834	69	4,765	657	12.0	1,506
25 to 29 years	3,354	2,556	76.2	2,231	29	2,202	325	12.7	798
30 to 34 years	3,643	2,935	80.6	2,602	39	2,563	332	11.3	708
35 to 44 years	6,358	5,132	80.7	4,773	53	4,720	359	7.0	1,226
35 to 39 years	3,482	2,776	79.7	2,560	39	2,522	216	7.8	705
40 to 44 years	2,876	2,356	81.9	2,213	14	2,198	143	6.1	521
45 to 54 years	4,163	3,145	75.5	2,912	38	2,874	234	7.4	1,018
45 to 49 years	2,320	1,811	78.1	1,667	15	1,651	144	8.0	509
50 to 54 years	1,844	1,334	72.4	1,245	22	1,223	89	6.7	509
55 to 64 years	2,892	1,489	51.5	1,381	23	1,358	108	7.3	1,403
55 to 59 years	1,536	942	61.3	874	16	858	68	7.2	594
60 to 64 years	1,357	547	40.3	507	7	500	40	7.3	809
65 years and over	3,364	331	9.8	314	12	301	18	5.3	3,032
65 to 69 years	1,165	210	18.0	198	9	189	11	5.5	955
70 to 74 years	964	74	7.7	73	4	69	1	(¹)	890
75 years and over	1,234	48	3.8	42	-	43	5	(¹)	1,187
Men									
16 years and over	13,614	9,462	69.5	8,397	214	8,182	1,065	11.3	4,152
16 to 19 years	1,377	483	35.1	305	17	288	178	36.8	894
16 to 17 years	700	152	21.7	108	10	98	44	29.0	548
18 to 19 years	677	332	48.9	198	8	190	134	40.4	346
20 to 24 years	1,555	1,150	73.9	950	20	930	200	17.4	405
25 to 54 years	8,030	6,892	85.8	6,282	147	6,135	610	8.9	1,139
25 to 34 years	3,231	2,809	86.9	2,532	65	2,467	277	9.9	422
25 to 29 years	1,551	1,320	85.1	1,189	27	1,163	131	9.9	231
30 to 34 years	1,680	1,489	88.6	1,342	38	1,304	146	9.8	191
35 to 44 years	2,898	2,517	86.9	2,321	49	2,272	197	7.8	381
35 to 39 years	1,588	1,378	86.7	1,254	35	1,219	124	9.0	211
40 to 44 years	1,310	1,140	87.0	1,067	14	1,053	73	6.4	170
45 to 54 years	1,901	1,565	82.3	1,429	33	1,396	136	8.7	336
45 to 49 years	1,085	915	84.3	833	14	819	81	8.9	170
50 to 54 years	817	651	79.7	596	19	577	55	8.4	166
55 to 64 years	1,290	766	59.4	702	19	683	64	8.3	524
55 to 59 years	685	474	69.3	442	13	429	32	6.8	210
60 to 64 years	605	292	48.2	260	6	254	32	10.9	313
65 years and over	1,361	171	12.5	157	11	146	13	7.8	1,190
65 to 69 years	526	110	20.8	100	8	92	10	8.7	417
70 to 74 years	398	37	9.2	37	3	33	-	(¹)	361
75 years and over	437	24	5.6	21	-	21	4	(¹)	412
Women									
16 years and over	16,167	9,150	56.6	8,169	19	8,150	980	10.7	7,017
16 to 19 years	1,330	407	30.6	285	1	283	122	30.1	923
16 to 17 years	654	119	18.2	87	1	86	32	26.6	535
18 to 19 years	676	288	42.6	197	-	197	91	31.5	388
20 to 24 years	1,745	984	56.4	814	-	813	170	17.3	761
25 to 54 years	9,488	6,876	72.5	6,236	12	6,224	640	9.3	2,612
25 to 34 years	3,766	2,682	71.2	2,302	4	2,298	360	14.2	1,084
25 to 29 years	1,803	1,236	68.5	1,042	3	1,039	194	15.7	568
30 to 34 years	1,962	1,446	73.7	1,260	1	1,259	188	12.9	516
35 to 44 years	3,460	2,614	75.6	2,452	4	2,448	162	6.2	845
35 to 39 years	1,693	1,399	73.9	1,306	4	1,302	92	6.6	495
40 to 44 years	1,567	1,216	77.6	1,146	-	1,146	70	5.8	351
45 to 54 years	2,262	1,580	69.8	1,482	5	1,478	98	6.2	682
45 to 49 years	1,235	897	72.6	833	1	832	63	7.0	339
50 to 54 years	1,027	683	66.5	649	4	645	34	5.0	344
55 to 64 years	1,603	723	45.1	679	5	674	44	6.1	880
55 to 59 years	851	468	54.9	432	3	428	36	7.7	383
60 to 64 years	752	255	34.0	247	1	246	8	3.2	496
65 years and over	2,003	160	8.0	156	1	155	4	2.6	1,842
65 to 69 years	639	100	15.7	98	1	97	2	1.9	539
70 to 74 years	566	37	6.6	36	-	36	1	(¹)	529
75 years and over	796	23	2.9	22	-	22	1	(¹)	775

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	
	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
TOTAL								
Civilian noninstitutional population	191,947	193,971	85,075	86,075	93,703	94,575	13,169	13,321
Civilian labor force	127,044	127,858	65,776	66,100	54,732	55,265	6,536	6,493
Percent of population	66.2	65.9	77.3	76.8	58.4	58.4	49.6	48.7
Employed	117,953	119,730	61,638	62,398	51,141	51,989	5,174	5,343
Agriculture	3,367	3,249	2,519	2,407	624	623	224	219
Nonagricultural industries	114,587	116,481	59,119	59,990	50,517	51,366	4,950	5,124
Unemployed	9,090	8,128	4,137	3,702	3,591	3,276	1,362	1,150
Unemployment rate	7.2	6.4	6.3	5.6	6.6	5.9	20.8	17.7
Not in labor force	64,904	66,113	19,299	19,975	38,972	39,310	6,633	6,827
White								
Civilian noninstitutional population	162,891	164,190	73,169	73,839	79,233	79,738	10,490	10,614
Civilian labor force	108,450	109,247	56,890	57,121	45,992	46,522	5,567	5,603
Percent of population	66.6	66.5	77.8	77.4	58.0	58.3	53.1	52.8
Employed	101,597	103,164	53,687	54,306	43,312	44,105	4,598	4,753
Agriculture	3,087	3,016	2,295	2,211	578	605	214	200
Nonagricultural industries	98,510	100,148	51,392	52,096	42,734	43,499	4,384	4,553
Unemployed	6,853	6,082	3,204	2,815	2,680	2,418	969	850
Unemployment rate	6.3	5.6	5.6	4.9	5.8	5.2	17.4	15.2
Not in labor force	54,441	54,944	16,278	16,718	33,241	33,216	4,922	5,010
Black								
Civilian noninstitutional population	22,027	22,408	8,891	9,057	11,062	11,236	2,074	2,116
Civilian labor force	13,963	13,954	6,495	6,519	6,715	6,735	753	700
Percent of population	63.4	62.3	73.0	72.0	60.7	59.9	36.3	33.1
Employed	12,105	12,268	5,714	5,803	5,964	6,022	428	443
Agriculture	194	165	165	143	21	10	9	12
Nonagricultural industries	11,911	12,102	5,549	5,659	5,943	6,012	419	431
Unemployed	1,857	1,686	781	716	751	712	325	257
Unemployment rate	13.3	12.1	12.0	11.0	11.2	10.6	43.2	36.7
Not in labor force	8,064	8,455	2,397	2,538	4,347	4,501	1,321	1,416

**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

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic origin	September 1993									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				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	15,145	7,025	46.4	6,074	1,195	4,879	951	120	831	13.5
16 to 19 years	10,089	4,100	40.6	3,394	352	3,042	705	59	647	17.2
20 to 24 years	5,055	2,925	57.9	2,680	843	1,837	245	62	184	8.4
High school	7,105	2,695	37.9	2,194	156	2,038	501	54	448	18.6
College	8,040	4,330	53.9	3,880	1,039	2,841	450	66	383	10.4
Full-time students	6,943	3,395	48.9	3,016	508	2,508	379	38	341	11.2
Part-time students	1,097	935	85.3	865	531	333	71	28	42	7.5
Men, 16 to 24 years	7,580	3,454	45.6	2,939	604	2,335	516	69	447	14.9
16 to 19 years	5,128	2,042	39.8	1,661	168	1,494	381	34	347	18.6
20 to 24 years	2,452	1,413	57.6	1,277	436	841	135	35	100	9.6
High school	3,783	1,440	38.1	1,157	88	1,069	282	35	247	19.6
College	3,798	2,015	53.1	1,781	515	1,266	234	34	199	11.6
Full-time students	3,299	1,574	47.7	1,377	275	1,102	197	22	175	12.5
Part-time students	498	441	88.4	404	240	164	36	13	24	8.2
Women, 16 to 24 years	7,564	3,571	47.2	3,136	591	2,544	435	51	384	12.2
16 to 19 years	4,961	2,058	41.5	1,733	184	1,549	325	24	300	15.8
20 to 24 years	2,603	1,513	58.1	1,402	407	995	110	26	84	7.3
High school	3,322	1,255	37.8	1,037	68	969	219	19	200	17.4
College	4,242	2,315	54.6	2,099	524	1,575	216	32	184	9.3
Full-time students	3,644	1,820	50.0	1,639	233	1,406	182	16	165	10.0
Part-time students	599	495	82.6	460	291	170	34	16	19	6.9
White										
Total, 16 to 24 years	12,187	6,158	50.5	5,421	1,058	4,363	738	75	663	12.0
16 to 19 years	8,046	3,614	44.9	3,085	309	2,756	549	36	513	15.2
20 to 24 years	4,141	2,545	61.5	2,356	749	1,608	189	38	150	7.4
Men	6,127	3,024	49.3	2,634	541	2,093	390	39	350	12.9
Women	6,060	3,135	51.7	2,787	516	2,270	348	35	313	11.1
High school	5,610	2,394	42.7	2,005	136	1,869	389	27	362	16.3
College	6,577	3,765	57.2	3,416	922	2,494	349	48	301	9.3
Full-time students	5,676	2,968	52.3	2,672	455	2,217	296	27	270	10.0
Part-time students	901	796	88.4	744	467	278	52	21	31	6.5
Black										
Total, 16 to 24 years	2,139	612	28.6	438	88	350	174	35	139	28.5
16 to 19 years	1,580	378	24.0	245	34	211	134	17	117	35.4
20 to 24 years	559	233	41.7	193	54	139	40	18	23	17.3
Men	1,017	294	28.9	186	31	154	108	24	84	36.7
Women	1,122	318	28.4	252	56	195	66	11	55	20.9
High school	1,186	243	20.5	143	16	128	100	22	77	41.1
College	953	369	38.7	294	72	222	74	13	62	20.2
Full-time students	829	283	34.1	222	33	189	61	7	55	21.6
Part-time students	124	86	69.0	73	39	33	13	6	7	15.4
Hispanic origin										
Total, 16 to 24 years	1,408	572	40.6	450	106	344	122	26	96	21.3
16 to 19 years	971	307	31.7	232	35	197	75	11	64	24.4
20 to 24 years	438	265	60.4	218	71	147	47	16	31	17.7
Men	661	287	43.4	234	54	179	53	13	40	18.6
Women	748	285	38.1	217	52	165	68	13	55	23.9
High school	786	219	27.9	159	27	131	60	8	52	27.6
College	622	353	56.7	292	79	213	81	18	43	17.3
Full-time students	483	233	48.2	194	23	171	39	7	33	16.8
Part-time students	139	120	86.3	98	56	41	22	11	11	18.4

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	September 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 NOT ENROLLED										
Total, 16 to 24 years	15,690	12,759	81.3	11,266	9,362	1,905	1,493	1,336	156	11.7
16 to 19 years	3,231	2,393	74.1	1,949	1,375	574	445	376	69	18.6
20 to 24 years	12,459	10,365	83.2	9,318	7,987	1,331	1,048	960	88	10.1
Less than a high school diploma	3,574	2,302	64.4	1,798	1,402	397	503	472	31	21.9
High school graduates, no college	8,828	5,613	82.2	4,976	4,077	900	637	550	87	11.3
Less than a bachelor's degree	3,721	3,333	89.6	3,083	2,619	464	250	216	34	7.5
College graduates	1,588	1,511	96.4	1,409	1,265	144	103	98	4	6.8
Men, 16 to 24 years	7,757	6,980	90.0	6,148	5,359	789	832	768	64	11.9
16 to 19 years	1,640	1,351	82.4	1,100	873	227	251	215	37	18.6
20 to 24 years	6,117	5,629	92.0	5,048	4,487	561	581	554	27	10.3
Less than a high school diploma	1,905	1,546	81.1	1,221	1,024	197	325	302	23	21.0
High school graduates, no college	3,466	3,197	92.2	2,865	2,492	374	332	307	24	10.4
Less than a bachelor's degree	1,739	1,610	92.6	1,486	1,320	166	124	110	14	7.7
College graduates	647	627	96.9	575	523	52	52	49	3	8.2
Women, 16 to 24 years	7,934	5,779	72.8	5,118	4,002	1,116	660	568	92	11.4
16 to 19 years	1,591	1,042	85.5	849	502	347	193	161	32	18.5
20 to 24 years	6,342	4,736	74.7	4,269	3,500	769	467	407	60	9.9
Less than a high school diploma	1,669	756	45.3	577	378	199	178	170	9	23.6
High school graduates, no college	3,362	2,416	71.9	2,111	1,585	526	305	243	62	12.6
Less than a bachelor's degree	1,982	1,723	86.9	1,597	1,298	298	126	106	20	7.3
College graduates	921	884	96.0	833	741	92	51	50	1	5.8
White										
Total, 16 to 24 years	12,642	10,602	83.9	9,566	7,994	1,572	1,035	919	116	9.8
18 to 19 years	2,568	1,989	77.5	1,689	1,207	481	301	253	48	15.1
20 to 24 years	10,074	8,613	85.5	7,878	6,787	1,091	735	666	69	8.5
Men	6,277	5,778	92.0	5,198	4,588	610	581	531	50	10.0
Women	6,384	4,824	75.8	4,369	3,407	962	455	388	67	9.4
Less than a high school diploma	2,712	1,843	68.0	1,502	1,175	327	341	326	15	18.5
High school graduates, no college	5,418	4,595	84.8	4,149	3,423	726	446	372	74	9.7
Less than a bachelor's degree	3,094	2,792	90.2	2,629	2,242	387	163	140	23	5.8
College graduates	1,417	1,372	96.9	1,287	1,154	132	86	82	4	6.2
Black										
Total, 16 to 24 years	2,453	1,743	71.1	1,340	1,071	269	403	369	35	23.1
16 to 19 years	536	322	60.0	198	126	73	123	108	17	38.3
20 to 24 years	1,918	1,422	74.1	1,142	945	197	280	263	17	19.7
Men	1,189	962	81.0	739	590	149	223	211	12	23.2
Women	1,265	781	61.8	601	481	120	180	157	23	23.1
Less than a high school diploma	687	348	50.7	200	151	48	148	135	14	42.7
High school graduates, no college	1,172	861	73.5	693	544	149	168	157	11	19.5
Less than a bachelor's degree	500	442	88.5	370	307	63	72	62	10	16.4
College graduates	94	92	97.5	78	69	8	14	14	-	15.5
Hispanic origin										
Total, 16 to 24 years	2,171	1,533	70.6	1,339	1,136	203	195	169	25	12.7
16 to 19 years	521	347	66.6	281	203	78	66	47	19	18.9
20 to 24 years	1,650	1,186	71.9	1,057	933	125	129	122	7	10.9
Men	1,115	984	88.3	877	773	104	107	96	11	10.9
Women	1,057	549	51.9	462	363	99	87	73	14	15.9
Less than a high school diploma	1,034	647	62.6	548	461	87	99	94	6	15.3
High school graduates, no college	757	558	73.5	490	405	85	66	50	16	11.9
Less than a bachelor's degree	321	272	85.0	246	218	28	27	23	4	9.7
College graduates	60	57	(²)	55	52	3	3	3	-	(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							
	Sept. 1992	Sept. 1993	Total		Employed		Unemployed			
			Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Number		Percent of labor force	
							Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,873	7,916	7,132	7,023	6,803	6,711	330	313	4.6	4.5
35 to 49 years	6,199	5,851	5,863	5,447	5,586	5,199	277	248	4.7	4.6
35 to 39 years	890	686	836	626	789	573	47	53	5.6	8.4
40 to 44 years	2,591	2,193	2,437	2,050	2,326	1,949	111	101	4.6	4.9
45 to 49 years	2,718	2,972	2,590	2,772	2,470	2,677	119	95	4.6	3.4
50 years and over	1,674	2,065	1,270	1,576	1,217	1,512	53	65	4.1	4.1
NONVETERANS										
Total, 35 to 49 years	19,638	20,661	18,306	19,219	17,330	18,344	976	875	5.3	4.6
35 to 39 years	8,826	9,075	8,359	8,508	7,881	8,103	478	405	5.7	4.8
40 to 44 years	6,328	6,894	5,876	6,431	5,571	6,165	304	266	5.2	4.1
45 to 49 years	4,484	4,692	4,072	4,280	3,878	4,076	194	204	4.8	4.8

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	September 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	98,914	96,997	1,917	20,817	16,696	4,121	6,405	1,723
16 to 19 years	1,727	1,623	104	3,617	3,224	392	435	715
16 to 17 years	166	155	11	1,924	1,843	81	71	380
18 to 19 years	1,561	1,468	93	1,692	1,381	311	364	335
20 years and over	97,187	95,374	1,813	17,200	13,472	3,728	5,971	1,007
20 to 24 years	8,830	8,576	254	3,167	2,466	701	1,022	271
25 years and over	88,357	86,798	1,559	14,033	11,005	3,028	4,949	736
25 to 54 years	77,492	76,119	1,373	10,152	7,575	2,577	4,436	557
55 years and over	10,865	10,679	186	3,881	3,431	450	512	179
Men, 16 years and over	58,281	57,112	1,169	6,878	5,157	1,721	3,601	734
16 to 19 years	1,040	973	67	1,721	1,537	184	249	383
20 years and over	57,241	56,139	1,102	5,157	3,620	1,537	3,352	351
20 to 24 years	4,923	4,774	150	1,402	1,043	359	589	127
25 years and over	52,318	51,365	953	3,754	2,577	1,177	2,763	223
25 to 54 years	45,644	44,812	831	2,179	1,183	996	2,435	130
55 years and over	6,674	6,553	121	1,575	1,394	181	328	93
Women, 16 years and over	40,633	39,885	748	13,939	11,539	2,400	2,805	989
16 to 19 years	687	650	36	1,895	1,687	208	186	332
20 years and over	39,946	39,235	711	12,043	9,852	2,192	2,619	657
20 to 24 years	3,907	3,802	105	1,765	1,423	341	433	144
25 years and over	36,039	35,433	606	10,279	8,428	1,850	2,186	513
25 to 54 years	31,849	31,307	542	7,973	6,392	1,581	2,001	427
55 years and over	4,190	4,126	64	2,306	2,036	269	185	86
White								
Men, 16 years and over	50,843	49,882	962	5,919	4,571	1,348	2,688	581
16 to 19 years	911	856	55	1,545	1,386	160	155	300
20 years and over	49,933	49,026	907	4,374	3,185	1,188	2,533	282
20 to 24 years	4,218	4,095	124	1,157	901	256	415	101
25 years and over	45,714	44,931	783	3,216	2,284	932	2,118	181
25 to 54 years	39,766	39,085	680	1,775	988	787	1,850	105
55 years and over	5,949	5,846	103	1,441	1,296	145	268	76
Women, 16 years and over	34,001	33,422	579	12,401	10,457	1,944	2,034	779
16 to 19 years	606	581	25	1,692	1,515	176	135	261
20 years and over	33,396	32,841	555	10,709	8,941	1,767	1,900	518
20 to 24 years	3,317	3,241	76	1,541	1,249	292	289	118
25 years and over	30,079	29,601	478	9,168	7,692	1,476	1,611	399
25 to 54 years	26,473	26,047	425	7,113	5,843	1,270	1,457	332
55 years and over	3,606	3,553	53	2,055	1,850	205	154	68
Black								
Men, 16 years and over	5,351	5,190	161	676	391	285	739	134
16 to 19 years	95	85	10	129	109	20	82	75
20 years and over	5,256	5,106	150	547	282	265	658	59
20 to 24 years	527	505	21	174	86	88	153	21
25 years and over	4,729	4,600	129	373	196	177	504	38
25 to 54 years	4,200	4,090	111	273	121	152	464	22
55 years and over	529	510	18	100	75	24	41	16
Women, 16 years and over	5,117	4,982	135	1,124	752	372	640	172
16 to 19 years	65	55	10	154	128	26	42	58
20 years and over	5,052	4,928	125	970	624	346	598	114
20 to 24 years	472	449	24	161	120	42	127	19
25 years and over	4,580	4,479	101	809	504	304	471	95
25 to 54 years	4,137	4,045	91	612	355	258	443	79
55 years and over	443	434	10	196	149	47	29	16

¹ 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	September 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	100,971	66.3	94,531	6,440	6.4	51,418	19,419	8,366	2,976	20,657
Husbands	40,252	77.0	38,808	1,443	3.6	12,001	208	194	1,160	10,439
With employed wife	27,114	91.5	26,258	857	3.2	2,506	117	107	467	1,815
With unemployed wife	1,283	91.1	1,157	126	9.8	126	3	4	17	101
With wife not in labor force	11,855	55.9	11,394	461	3.9	9,369	87	83	676	8,523
Wives	31,029	59.4	29,621	1,409	4.5	21,224	14,913	439	529	5,343
With employed husband	27,415	70.6	26,258	1,157	4.2	11,394	9,427	363	193	1,410
With unemployed husband	982	68.1	857	126	12.8	461	361	24	22	54
With husband not in labor force	2,632	21.9	2,506	126	4.8	9,369	5,125	52	313	3,879
Relatives in married-couple families	11,790	60.2	10,327	1,463	12.4	7,795	681	5,187	389	1,538
16 to 19 years	4,050	48.6	3,435	615	15.2	4,284	71	3,893	17	304
20 to 24 years	4,213	72.7	3,769	444	10.5	1,585	160	1,124	38	263
25 years and over	3,527	64.7	3,123	404	11.5	1,926	450	170	334	971
Women who maintain families	7,615	63.5	6,932	683	9.0	4,380	2,540	316	297	1,227
Relatives in families maintained by women	5,706	58.1	4,720	986	17.3	4,112	735	1,824	405	1,148
16 to 19 years	1,277	43.5	927	350	27.4	1,660	89	1,383	11	177
20 to 24 years	1,504	68.6	1,270	234	15.5	688	132	352	36	168
25 years and over	2,925	62.4	2,523	402	13.7	1,764	514	89	358	803
Men who maintain families	2,692	78.4	2,483	208	7.7	743	42	33	98	569
Relatives in families maintained by men	1,887	61.9	1,640	248	13.1	1,163	300	373	98	392
16 to 19 years	314	49.5	249	65	20.8	320	16	270	-	34
20 to 24 years	454	78.3	394	60	13.2	126	27	63	-	35
25 years and over	1,120	61.0	997	123	11.0	717	257	40	98	323

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	
	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
Total, 16 years and over	4,903	4,334	7.1	6.2	4,187	3,794	7.2	6.5
Married, spouse present	1,932	1,583	4.5	3.7	1,673	1,530	5.3	4.8
Widowed, divorced, or separated	638	652	8.2	8.1	862	808	7.3	6.7
Single (never married)	2,333	2,099	12.3	11.2	1,652	1,455	11.7	10.1
White, 16 years and over	3,756	3,269	6.3	5.4	3,097	2,813	6.4	5.7
Married, spouse present	1,622	1,319	4.3	3.5	1,413	1,270	5.0	4.5
Widowed, divorced, or separated	490	514	7.5	7.6	676	590	7.1	6.1
Single (never married)	1,645	1,437	10.6	9.4	1,007	953	9.2	8.5
Black, 16 years and over	960	873	13.9	12.7	897	812	12.7	11.5
Married, spouse present	237	182	7.4	5.8	171	175	7.0	7.3
Widowed, divorced, or separated	120	110	11.4	10.6	159	188	7.8	9.4
Single (never married)	604	582	22.7	21.5	567	450	21.9	17.0
Total, 25 years and over	3,351	2,986	5.7	5.1	2,845	2,698	5.9	5.5
Married, spouse present	1,819	1,514	4.4	3.7	1,467	1,387	4.9	4.6
Widowed, divorced, or separated	610	631	8.0	8.0	810	743	7.0	6.4
Single (never married)	922	842	9.4	8.4	567	569	8.3	8.0
White, 25 years and over	2,644	2,299	5.2	4.5	2,162	2,010	5.3	4.9
Married, spouse present	1,525	1,259	4.2	3.4	1,231	1,150	4.7	4.3
Widowed, divorced, or separated	467	492	7.4	7.5	636	542	6.9	5.8
Single (never married)	651	547	8.2	6.8	295	318	5.9	6.1
Black, 25 years and over	583	542	10.4	9.6	550	566	9.3	9.5
Married, spouse present	221	173	7.1	5.6	156	161	6.7	6.9
Widowed, divorced, or separated	115	109	11.1	10.8	150	171	7.5	8.8
Single (never married)	248	259	17.1	16.8	243	234	15.1	13.9

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
Total, 16 years and over	9,090	8,128	7.2	6.4	7.1	6.2	7.2	6.5
Managerial and professional specialty	1,126	992	3.5	3.0	3.4	2.8	3.6	3.2
Executive, administrative, and managerial	632	505	4.1	3.2	3.9	2.7	4.5	3.9
Professional specialty	495	486	2.9	2.8	2.8	2.9	3.0	2.6
Technical, sales, and administrative support	2,314	2,080	6.0	5.4	5.1	4.7	6.5	5.8
Technicians and related support	187	167	4.2	4.1	4.5	3.4	3.9	4.9
Sales occupations	997	878	6.7	5.9	4.7	4.5	8.9	7.3
Administrative support, including clerical	1,130	1,035	5.8	5.3	6.2	5.8	5.7	5.2
Service occupations	1,408	1,258	8.0	7.1	8.0	7.0	8.0	7.2
Private household	66	63	6.7	6.2	(¹)	(¹)	6.8	5.5
Protective service	102	118	4.7	5.3	4.1	4.3	7.9	10.6
Service, except private household and protective	1,239	1,078	8.6	7.5	9.5	7.9	8.1	7.3
Precision production, craft, and repair	1,083	954	7.5	6.5	7.3	6.4	9.4	8.0
Mechanics and repairers	246	236	5.2	5.0	5.2	5.2	3.8	.7
Construction trades	570	493	10.2	8.5	10.3	8.4	9.3	12.2
Other precision production, craft, and repair	268	225	6.4	5.5	5.4	4.4	10.3	8.9
Operators, fabricators, and laborers	1,834	1,694	9.7	9.0	9.4	8.5	10.4	10.2
Machine operators, assemblers, and inspectors	821	714	9.9	8.8	8.5	7.5	11.8	10.8
Transportation and material moving occupations	341	380	6.3	6.9	6.6	6.9	3.9	6.5
Handlers, equipment cleaners, helpers, and laborers	672	600	12.8	11.5	13.6	11.7	8.5	10.4
Construction laborers	182	152	20.3	17.0	20.2	17.5	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	490	448	11.2	10.3	12.0	10.2	7.9	10.6
Farming, forestry, and fishing	323	260	7.9	6.8	7.2	6.2	11.6	10.0
No previous work experience	943	847	-	-	-	-	-	-
16 to 19 years	601	541	-	-	-	-	-	-
20 to 24 years	189	155	-	-	-	-	-	-
25 years and over	153	151	-	-	-	-	-	-

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	
	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
Total, 16 years and over	9,090	8,128	7.2	6.4	7.1	6.2	7.2	6.5
Nonagricultural private wage and salary workers	6,925	6,286	7.4	6.6	7.3	6.5	7.4	6.7
Mining	38	46	5.7	6.6	5.3	6.8	7.8	5.4
Construction	813	680	13.7	11.2	13.8	11.4	12.3	9.1
Manufacturing	1,543	1,371	7.4	6.8	6.4	5.8	9.3	8.7
Durable goods	886	794	7.5	6.8	7.0	6.1	8.8	8.7
Lumber and wood products	60	56	9.4	8.0	8.5	7.6	14.3	10.1
Furniture and fixtures	63	33	9.9	5.3	10.8	4.5	7.6	7.7
Stone, clay, and glass products	38	36	6.0	6.4	4.3	5.6	12.2	9.1
Primary metal industries	47	65	5.4	8.1	5.4	7.4	5.7	11.6
Fabricated metal products	99	71	8.7	5.7	8.7	5.6	8.7	5.9
Machinery and computing equipment	171	131	7.5	5.7	7.3	5.1	8.2	7.2
Electrical machinery, equipment, and supplies	121	134	6.4	7.2	6.2	5.8	6.6	9.1
Transportation equipment	190	176	7.9	7.5	7.1	6.6	10.9	10.5
Automobiles	87	54	7.0	4.5	6.9	3.7	7.4	6.9
Other transportation equipment	103	122	8.9	10.7	7.3	9.6	15.1	15.0
Professional and photographic equipment	45	37	5.7	5.4	4.4	5.5	7.4	5.4
Other durable goods industries	52	55	11.2	10.6	6.6	8.9	14.9	12.2
Nondurable goods	657	577	7.2	6.8	5.4	5.5	9.6	8.7
Food and kindred products	133	144	6.9	7.7	6.2	6.6	8.5	9.7
Textile mill products	42	47	5.9	7.1	6.3	6.5	5.5	7.8
Apparel and other textile products	144	116	12.1	10.9	6.0	8.2	14.1	11.9
Paper and allied products	59	30	7.5	3.9	6.3	3.1	11.0	6.4
Printing and publishing	117	95	6.5	5.4	5.1	6.0	8.2	4.7
Chemicals and allied products	59	74	4.3	5.9	3.3	3.7	6.4	10.0
Rubber and miscellaneous plastics products	90	48	9.2	5.7	7.2	4.2	12.6	9.3
Other nondurable goods industries	13	23	3.4	7.1	1.9	7.5	6.1	7.1
Transportation and public utilities	344	337	5.1	4.9	5.6	5.3	3.9	4.0
Transportation	274	260	6.8	6.5	7.2	6.9	5.5	5.1
Communications and other public utilities	70	78	2.6	2.7	2.6	2.6	2.4	2.9
Wholesale and retail trade	2,017	1,748	8.3	7.2	7.2	6.4	9.6	8.2
Wholesale trade	295	264	6.2	5.9	5.3	5.2	8.3	7.6
Retail trade	1,722	1,484	8.9	7.5	7.9	6.8	9.8	8.2
Finance, insurance, and real estate	332	307	4.6	4.1	4.4	3.8	4.7	4.3
Service industries	1,839	1,797	6.5	6.1	7.0	6.4	6.1	5.9
Professional services	736	738	4.3	4.2	4.2	3.8	4.3	4.3
Other service industries	1,102	1,058	9.8	9.0	9.6	8.7	10.1	9.4
Agricultural wage and salary workers	256	163	12.4	8.4	12.1	6.7	13.6	14.2
Government, self-employed, and unpaid family workers	966	832	3.2	2.8	3.2	2.8	3.2	2.7
No previous work experience	943	847	-	-	-	-	-	-

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	
	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
NUMBER OF UNEMPLOYED												
Total unemployed	9,090	8,128	4,137	3,702	3,591	3,276	1,362	1,150	6,853	6,082	1,857	1,686
Job losers	4,781	4,206	2,900	2,523	1,619	1,521	262	163	3,733	3,219	873	823
On layoff	1,019	849	640	504	339	319	41	25	858	706	131	120
Other job losers	3,762	3,357	2,260	2,019	1,281	1,201	221	137	2,875	2,513	742	703
Job leavers	1,028	975	411	398	457	417	160	159	838	754	150	177
Reentrants	2,404	2,167	721	685	1,310	1,163	373	319	1,727	1,580	581	477
New entrants	877	780	106	96	205	175	566	509	555	530	252	208
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	52.6	51.7	70.1	68.1	45.1	46.4	19.3	14.1	54.5	52.9	47.0	48.8
On layoff	11.2	10.4	15.5	13.6	9.4	9.8	3.0	2.2	12.5	11.6	7.1	7.1
Other job losers	41.4	41.3	54.6	54.5	35.7	36.7	16.3	11.9	42.0	41.3	40.0	41.7
Job leavers	11.3	12.0	9.9	10.8	12.7	12.7	11.8	13.9	12.2	12.4	8.1	10.5
Reentrants	26.4	26.7	17.4	18.5	36.5	35.5	27.4	27.7	25.2	26.0	31.3	28.3
New entrants	9.6	9.6	2.6	2.6	5.7	5.3	41.6	44.3	8.1	8.7	13.6	12.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	3.8	3.3	4.4	3.8	3.0	2.8	4.0	2.5	3.4	2.9	6.3	5.9
Job leavers .....	.8	.8	.6	.6	.8	.8	2.5	2.5	.8	.7	1.1	1.3
Reentrants	1.9	1.7	1.1	1.0	2.4	2.1	5.7	4.9	1.6	1.4	4.2	3.4
New entrants .....	.7	.6	.2	.1	.4	.3	8.7	7.8	.5	.5	1.8	1.5

**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	September 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	8,128	100.0	38.4	27.6	34.0	13.7	20.3
Job losers	4,206	100.0	29.0	27.9	43.1	16.6	26.5
On layoff	849	100.0	49.3	27.8	22.9	10.9	12.0
Other job losers	3,357	100.0	23.8	28.0	48.2	18.0	30.2
Job leavers	975	100.0	52.4	24.3	23.3	10.4	13.0
Reentrants	2,167	100.0	47.8	26.5	25.7	10.2	15.5
New entrants	780	100.0	45.4	32.9	21.7	12.5	9.2
Men, 20 years and over	3,702	100.0	31.9	26.7	41.4	15.0	26.5
Job losers	2,523	100.0	28.7	26.7	44.7	16.2	28.5
On layoff	504	100.0	53.2	26.4	20.4	10.6	9.8
Other job losers	2,019	100.0	22.6	26.7	50.7	17.6	33.1
Job leavers	398	100.0	43.8	28.1	28.1	10.6	17.6
Reentrants	685	100.0	37.1	27.0	35.9	11.7	24.2
New entrants	96	100.0	30.9	18.2	50.9	24.3	26.6
Women, 20 years and over	3,276	100.0	38.1	29.1	32.8	13.9	18.9
Job losers	1,521	100.0	26.1	31.2	42.7	17.3	25.3
On layoff	319	100.0	41.2	32.2	26.6	11.6	15.0
Other job losers	1,201	100.0	22.1	30.9	46.9	18.9	28.1
Job leavers	417	100.0	48.4	25.6	26.0	13.6	12.4
Reentrants	1,163	100.0	49.3	26.8	24.0	10.5	13.5
New entrants	175	100.0	42.9	35.5	21.6	7.6	14.0
Both sexes, 16 to 19 years	1,150	100.0	60.1	26.2	13.7	9.2	4.4
Job losers	163	100.0	60.1	17.8	22.2	14.8	7.3
On layoff	25	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	137	100.0	57.4	21.3	21.3	16.0	5.3
Job leavers	159	100.0	84.4	11.2	4.4	1.3	3.1
Reentrants	319	100.0	65.7	24.4	9.9	5.9	4.0
New entrants	509	100.0	49.0	34.8	16.2	12.0	4.2

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	
	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
Total, 16 years and over	9,090	8,128	100.0	100.0	7,211	6,405	100.0	100.0
Less than 5 weeks	3,407	3,121	37.5	38.4	2,252	2,068	31.2	32.3
5 to 14 weeks	2,569	2,243	28.3	27.6	2,107	1,839	29.2	28.7
5 to 10 weeks	1,798	1,565	19.8	19.3	1,466	1,270	20.3	19.8
11 to 14 weeks	771	678	8.5	8.3	641	569	8.9	8.9
15 weeks and over	3,114	2,764	34.3	34.0	2,852	2,499	39.6	39.0
15 to 26 weeks	1,155	1,115	12.7	13.7	1,027	992	14.2	15.5
27 weeks and over	1,959	1,649	21.6	20.3	1,825	1,507	25.3	23.5
27 to 51 weeks	934	711	10.3	8.8	879	649	12.2	10.1
52 weeks and over	1,026	937	11.3	11.5	946	858	13.1	13.4
Average (mean) duration, in weeks	17.9	17.9	-	-	20.2	20.1	-	-
Median duration, in weeks	8.1	8.0	-	-	10.0	9.8	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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	
								Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
	September 1993										
Total, 16 years and over	8,128	3,121	2,243	1,115	1,649	17.9	8.0	37.5	38.4	34.3	34.0
16 to 19 years	1,150	691	302	106	51	8.1	3.7	57.9	60.1	13.6	13.7
20 to 24 years	1,293	617	403	114	159	13.0	5.0	45.7	47.7	22.6	21.1
25 to 34 years	2,231	807	665	331	427	16.8	8.5	34.5	36.2	36.3	34.0
35 to 44 years	1,676	552	446	253	425	21.1	9.8	31.4	32.9	40.8	40.4
45 to 54 years	1,086	283	277	183	344	25.2	13.8	27.1	26.0	47.0	48.5
55 to 64 years	573	133	126	102	211	29.4	17.7	20.9	23.3	58.6	54.8
65 years and over	119	37	25	26	31	21.0	13.6	35.5	31.0	35.8	48.1
Men, 16 years and over	4,334	1,543	1,161	619	1,011	19.9	8.9	34.5	35.6	37.8	37.6
16 to 19 years	632	361	174	65	32	8.8	3.9	58.7	57.1	14.0	15.4
20 to 24 years	716	316	220	76	104	14.8	5.8	46.0	44.1	25.2	25.2
25 to 34 years	1,105	360	300	183	263	19.5	9.9	29.2	32.5	40.0	40.3
35 to 44 years	877	269	236	128	243	23.1	10.5	25.8	30.7	45.6	42.4
45 to 54 years	583	148	146	87	201	27.8	14.3	24.3	25.4	52.7	49.5
55 to 64 years	344	69	67	65	143	31.2	21.1	17.5	20.0	64.2	60.4
65 years and over	77	20	17	15	24	21.0	15.3	(¹)	26.6	(¹)	51.3
Women, 16 years and over	3,794	1,578	1,082	496	637	15.6	7.0	41.0	41.6	30.1	29.9
16 to 19 years	518	331	127	41	19	7.3	3.5	56.8	63.8	13.0	11.6
20 to 24 years	577	302	183	38	54	10.7	4.3	45.4	52.3	19.9	16.1
25 to 34 years	1,125	448	364	149	164	14.2	7.4	40.6	39.8	32.2	27.8
35 to 44 years	799	283	210	124	182	19.0	9.1	38.0	35.4	35.2	38.3
45 to 54 years	504	134	131	96	143	22.3	13.1	30.3	26.7	40.2	47.3
55 to 64 years	229	64	58	37	68	26.8	12.5	25.6	28.2	50.8	46.2
65 years and over	42	16	8	11	7	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,082	2,431	1,687	767	1,198	17.4	7.3	37.9	40.0	34.6	32.3
Men	3,269	1,231	873	413	752	19.6	8.0	34.5	37.7	38.3	35.6
Women	2,813	1,200	813	355	445	14.8	6.6	42.1	42.6	30.1	28.4
Black, 16 years and over	1,686	577	453	279	377	19.6	9.8	36.8	34.2	32.9	38.9
Men	873	256	230	166	222	21.6	11.4	35.3	29.3	36.4	44.4
Women	812	321	223	113	155	17.4	8.2	38.3	39.5	29.2	33.1
Men, 16 years and over:											
Married, spouse present	1,583	429	402	284	468	23.6	13.3	27.6	27.1	47.1	47.5
Widowed, divorced, or separated	652	221	162	62	208	25.8	10.0	29.5	33.9	47.0	41.4
Single (never married)	2,099	893	597	273	336	15.4	6.4	41.5	42.5	27.6	29.0
Women, 16 years and over:											
Married, spouse present	1,530	587	439	233	270	16.2	8.2	38.8	38.4	33.1	32.9
Widowed, divorced, or separated	808	267	242	117	183	19.7	9.1	34.7	33.0	36.3	37.0
Single (never married)	1,455	724	400	146	185	12.8	4.6	46.6	49.8	23.7	22.7

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	
	September 1993							Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
OCCUPATION											
Managerial and professional specialty	992	313	297	155	227	19.7	10.2	28.7	31.6	44.1	38.5
Technical, sales, and administrative support	2,080	726	600	321	434	17.6	8.7	37.1	34.9	35.6	36.3
Service occupations	1,258	579	327	120	233	16.4	5.7	44.4	46.0	28.4	28.1
Precision production, craft, and repair	954	342	227	135	250	22.1	9.7	34.5	35.8	39.7	40.4
Operators, fabricators, and laborers	1,694	636	433	254	371	19.0	8.3	34.8	37.5	38.2	36.9
Farming, forestry, and fishing	260	123	75	18	45	15.0	5.3	46.4	47.3	14.9	24.2
INDUSTRY¹											
Agriculture	163	84	44	14	21	11.1	4.4	46.9	51.5	10.9	21.5
Construction	695	294	181	81	139	18.2	7.0	36.3	42.3	38.7	31.5
Manufacturing	1,383	419	341	217	406	22.4	12.0	32.1	30.3	42.0	45.0
Durable goods	803	209	203	137	255	24.0	13.9	28.5	26.0	45.1	48.8
Nondurable goods	580	211	138	80	151	20.2	8.9	37.0	36.4	37.9	39.8
Transportation and public utilities	376	114	99	72	91	20.9	10.9	28.2	30.3	44.7	43.6
Wholesale and retail trade	1,756	702	511	217	326	16.2	6.8	38.0	40.0	31.3	30.9
Finance and service industries	2,397	938	660	333	466	17.5	7.8	39.0	39.1	35.2	33.3
Public administration	175	57	39	38	42	21.6	12.1	39.2	32.6	34.0	45.1
No previous work experience	847	395	269	108	75	12.6	5.6	45.2	46.6	20.3	21.6

¹ Includes wage and salary workers only.

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

Sex, age, and race	September 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	8,128	7,181	20.4	8.1	72.9	40.4	22.8	6.2	1.71
16 to 19 years	1,150	1,112	8.6	4.1	80.0	30.1	15.1	6.8	1.45
20 to 24 years	1,293	1,180	19.0	7.3	75.3	37.6	20.1	5.0	1.64
25 to 34 years	2,231	1,974	25.6	9.5	69.7	42.9	22.9	5.8	1.76
35 to 44 years	1,676	1,411	22.6	7.8	71.2	42.2	24.2	6.7	1.75
45 to 54 years	1,086	912	24.2	10.7	74.0	47.4	30.8	5.8	1.93
55 to 64 years	573	499	19.6	9.8	70.7	40.6	26.0	8.5	1.75
65 years and over	119	94	5.1	6.7	55.2	49.0	32.6	4.3	1.53
Men, 16 years and over	4,334	3,764	20.0	8.6	72.8	39.1	25.5	6.9	1.73
16 to 19 years	632	610	7.1	4.8	78.0	27.9	15.2	8.1	1.41
20 to 24 years	716	640	16.0	7.1	77.0	32.5	21.0	3.2	1.57
25 to 34 years	1,105	952	27.6	8.6	70.2	42.1	27.6	7.3	1.83
35 to 44 years	877	719	22.3	8.9	70.0	43.8	27.2	6.6	1.79
45 to 54 years	583	483	24.9	13.3	74.1	45.9	35.1	7.6	2.01
55 to 64 years	344	293	20.8	12.0	70.0	43.0	26.3	10.8	1.83
65 years and over	77	67	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,794	3,417	20.9	7.6	73.1	41.8	19.9	5.4	1.69
16 to 19 years	518	501	10.3	3.2	82.5	32.7	15.0	5.1	1.49
20 to 24 years	577	541	22.7	7.6	73.3	43.6	19.1	7.0	1.73
25 to 34 years	1,125	1,021	23.7	10.4	69.2	43.7	18.4	4.5	1.70
35 to 44 years	799	692	22.8	6.7	72.4	40.6	21.0	6.8	1.70
45 to 54 years	504	429	23.5	7.7	73.9	49.2	26.0	3.8	1.84
55 to 64 years	229	206	17.8	6.8	71.5	37.3	25.6	5.4	1.64
65 years and over	42	26	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,082	5,284	19.8	8.1	73.8	41.6	23.3	6.4	1.73
Men	3,269	2,769	20.1	9.3	74.0	40.4	26.4	7.0	1.77
Women	2,813	2,515	19.4	6.7	73.7	43.0	19.8	5.9	1.68
Black, 16 years and over	1,686	1,561	23.3	8.5	69.9	34.7	19.5	5.7	1.62
Men	873	818	20.9	7.0	70.1	33.3	20.4	7.2	1.59
Women	812	742	26.0	10.2	69.6	36.3	18.6	4.0	1.65

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	September 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	8,128	7,181	20.4	8.1	72.9	40.4	22.8	6.2	1.71
Job losers ¹	4,206	3,325	25.7	10.1	74.2	44.8	26.7	5.3	1.87
Job leavers	975	950	19.9	5.8	76.2	37.4	20.4	4.1	1.64
Reentrants	2,167	2,131	16.6	7.5	68.2	38.1	19.2	8.9	1.58
New entrants	780	774	8.9	4.2	76.2	31.7	19.3	4.8	1.45
Men, 16 years and over	4,334	3,764	20.0	8.6	72.8	39.1	25.5	6.9	1.73
Job losers ¹	2,639	2,092	25.7	10.4	74.1	43.1	27.8	5.5	1.87
Job leavers	470	455	16.5	5.7	74.2	38.4	25.0	4.3	1.64
Reentrants	858	849	13.7	7.7	66.0	35.1	23.3	12.0	1.58
New entrants	368	369	6.2	4.3	79.2	27.4	17.7	5.9	1.41
Women, 16 years and over	3,794	3,417	20.9	7.6	73.1	41.8	19.9	5.4	1.69
Job losers ¹	1,568	1,233	25.8	9.6	74.4	47.7	24.8	5.1	1.87
Job leavers	505	495	23.0	6.0	78.0	36.5	16.2	3.9	1.64
Reentrants	1,308	1,282	18.4	7.3	69.7	40.1	16.4	6.9	1.59
New entrants	412	406	11.4	4.1	73.5	35.7	20.7	3.7	1.49

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	
	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
All industries	117,953	119,730	64,370	65,159	53,584	54,571
16 to 19 years	5,174	5,343	2,732	2,761	2,443	2,582
16 to 17 years	1,979	2,090	1,063	1,069	916	1,021
18 to 19 years	3,196	3,253	1,669	1,692	1,526	1,561
20 to 24 years	12,067	11,997	6,426	6,326	5,641	5,672
25 to 54 years	85,934	87,644	46,908	47,823	39,026	39,821
25 to 34 years	32,491	32,152	17,984	17,835	14,507	14,317
35 to 44 years	31,872	32,772	17,262	17,746	14,610	15,026
45 to 54 years	21,571	22,721	11,662	12,242	9,909	10,479
55 to 64 years	11,327	11,250	6,278	6,212	5,050	5,038
55 to 59 years	6,887	8,886	3,816	3,790	3,071	3,096
60 to 64 years	4,441	4,365	2,462	2,422	1,978	1,943
65 years and over	3,450	3,495	2,026	2,037	1,424	1,458
Agriculture	3,367	3,249	2,696	2,586	670	663
16 to 19 years	224	219	177	179	47	40
16 to 17 years	115	105	97	84	18	21
18 to 19 years	109	114	80	95	29	19
20 to 24 years	337	318	287	262	50	56
25 to 54 years	2,078	2,029	1,613	1,571	465	458
25 to 34 years	802	788	630	621	172	167
35 to 44 years	758	786	582	605	177	182
45 to 54 years	517	455	401	345	116	109
55 to 64 years	426	378	352	308	74	70
55 to 59 years	207	197	164	154	43	44
60 to 64 years	219	181	188	154	31	27
65 years and over	301	305	267	266	34	39
Nonagricultural industries	114,587	116,481	61,673	62,573	52,913	53,908
16 to 19 years	4,950	5,124	2,554	2,582	2,396	2,542
16 to 17 years	1,864	1,985	985	985	899	1,000
18 to 19 years	3,086	3,139	1,589	1,597	1,498	1,542
20 to 24 years	11,730	11,679	6,139	6,063	5,591	5,616
25 to 54 years	83,856	85,615	45,295	46,252	38,561	39,364
25 to 34 years	31,689	31,364	17,354	17,214	14,335	14,150
35 to 44 years	31,113	31,985	16,680	17,141	14,433	14,844
45 to 54 years	21,054	22,267	11,261	11,897	9,793	10,370
55 to 64 years	10,901	10,872	5,925	5,904	4,975	4,968
55 to 59 years	6,679	6,688	3,651	3,636	3,028	3,052
60 to 64 years	4,221	4,184	2,274	2,268	1,947	1,916
65 years and over	3,150	3,190	1,759	1,771	1,390	1,418

**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	
	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
Total	117,953	119,730	64,370	65,159	61,638	62,398	53,584	54,571	51,141	51,989
Managerial and professional specialty	31,074	32,412	16,282	16,820	16,219	16,754	14,793	15,593	14,696	15,508
Executive, administrative, and managerial	14,652	15,334	8,501	8,947	8,472	8,914	6,151	6,387	6,118	6,360
Officials and administrators, public administration	646	675	391	402	391	402	255	273	255	272
Other executive, administrative, and managerial	10,010	10,564	6,201	6,566	6,174	6,540	3,809	3,998	3,781	3,974
Management-related occupations	3,996	4,095	1,908	1,979	1,906	1,972	2,088	2,116	2,081	2,113
Professional specialty	16,422	17,079	7,781	7,873	7,747	7,841	8,641	9,206	8,578	9,148
Engineers	1,754	1,638	1,622	1,473	1,622	1,473	132	165	132	165
Mathematical and computer scientists	923	1,062	607	720	607	717	316	342	316	342
Natural scientists	448	503	307	350	306	349	141	154	141	153
Health diagnosing occupations	878	872	727	682	727	682	151	190	151	190
Health assessment and treating occupations	2,588	2,747	335	357	333	357	2,253	2,391	2,248	2,389
Teachers, college and university	709	833	409	459	405	453	300	374	296	370
Teachers, except college and university	4,289	4,429	1,116	1,139	1,115	1,131	3,173	3,291	3,153	3,262
Lawyers and judges	761	802	603	617	603	617	157	185	157	185
Other professional specialty occupations	4,072	4,192	2,054	2,077	2,028	2,062	2,018	2,114	1,985	2,091
Technical, sales, and administrative support	36,378	36,454	13,202	13,132	12,638	12,580	23,177	23,322	21,864	22,046
Technicians and related support	4,247	3,898	2,188	1,969	2,161	1,953	2,059	1,929	2,027	1,900
Health technologists and technicians	1,526	1,562	267	319	262	319	1,259	1,244	1,238	1,224
Engineering and science technicians	1,121	1,238	911	1,004	896	996	210	233	205	223
Technicians, except health, engineering, and science	1,600	1,098	1,010	646	1,002	638	590	452	584	453
Sales occupations	13,804	14,111	7,249	7,337	6,890	6,973	6,554	6,774	5,703	5,955
Supervisors and proprietors	3,869	4,058	2,563	2,561	2,532	2,550	1,306	1,496	1,286	1,470
Sales representatives, finance and business services	2,303	2,399	1,368	1,448	1,360	1,436	936	951	924	940
Sales representatives, commodities, except retail	1,591	1,512	1,272	1,180	1,268	1,173	319	332	313	325
Sales workers, retail and personal services	5,942	6,046	2,015	2,106	1,699	1,773	3,926	3,939	3,118	3,167
Sales-related occupations	99	96	31	42	32	42	68	55	62	53
Administrative support, including clerical	18,328	18,445	3,764	3,825	3,587	3,653	14,564	14,620	14,134	14,192
Supervisors	730	800	311	317	311	315	418	484	416	483
Computer equipment operators	677	563	253	196	246	191	425	367	421	351
Secretaries, stenographers, and typists	4,172	4,182	53	63	50	59	4,118	4,119	4,033	4,041
Financial records processing	2,226	2,207	190	231	188	226	2,036	1,976	2,020	1,951
Mail and message distributing	895	969	540	598	512	577	355	371	342	347
Other administrative support, including clerical	9,629	9,724	2,417	2,421	2,280	2,286	7,211	7,303	6,902	7,018
Service occupations	16,186	16,395	6,468	6,632	5,653	5,819	9,717	9,763	8,865	8,782
Private household	920	951	42	38	31	36	878	913	772	804
Protective service	2,080	2,108	1,755	1,781	1,725	1,764	325	327	307	314
Service, except private household and protective	13,186	13,337	4,671	4,813	3,897	4,019	8,514	8,523	7,787	7,665
Food service	5,535	5,653	2,229	2,385	1,634	1,737	3,306	3,268	2,809	2,655
Health service	2,143	2,250	270	256	256	244	1,873	1,994	1,814	1,927
Cleaning and building service	3,013	2,901	1,743	1,674	1,622	1,581	1,270	1,227	1,221	1,163
Personal service	2,495	2,532	430	498	385	458	2,065	2,034	1,943	1,920
Precision production, craft, and repair	13,408	13,679	12,363	12,495	12,154	12,313	1,045	1,185	1,019	1,154
Mechanics and repairers	4,516	4,501	4,377	4,313	4,288	4,241	139	189	136	187
Construction trades	4,994	5,305	4,898	5,211	4,820	5,124	97	95	95	82
Other precision production, craft, and repair	3,898	3,873	3,089	2,972	3,046	2,949	809	901	787	885
Operators, fabricators, and laborers	17,156	17,223	12,874	13,052	12,028	12,136	4,283	4,171	4,159	3,992
Machine operators, assemblers, and inspectors	7,511	7,438	4,506	4,607	4,360	4,449	3,006	2,831	2,956	2,770
Manufacturing industries	6,146	6,052	3,614	3,671	3,503	3,557	2,532	2,381	2,498	2,333
Durable goods	3,185	3,297	2,178	2,318	2,123	2,251	1,007	979	998	953
Nondurable goods	2,961	2,755	1,436	1,353	1,380	1,306	1,524	1,402	1,500	1,380
Nonmanufacturing industries	1,366	1,386	892	936	858	891	474	451	457	437
Transportation and material moving occupations	5,049	5,148	4,604	4,648	4,489	4,555	445	500	430	489
Motor vehicle operators	3,792	3,887	3,385	3,453	3,285	3,382	407	434	393	425
Other transportation and material moving occupations	1,257	1,261	1,219	1,195	1,204	1,173	38	66	37	64
Handlers, equipment cleaners, helpers, and laborers	4,596	4,636	3,764	3,797	3,179	3,132	832	839	773	733
Construction laborers	716	742	687	713	638	669	28	30	24	29
Other handlers, equipment cleaners, helpers, and laborers	3,880	3,894	3,077	3,084	2,541	2,463	803	810	748	704
Farming, forestry, and fishing	3,751	3,566	3,181	3,028	2,946	2,795	569	538	538	507
Farm operators and managers	1,248	1,235	1,080	1,050	1,072	1,040	168	185	165	185
Other farming, forestry, and fishing occupations	2,502	2,332	2,101	1,979	1,874	1,756	401	353	373	322

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
TOTAL						
Total, 16 years and over (thousands)	117,953	119,730	64,370	65,159	53,584	54,571
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	26.3	27.1	25.3	25.8	27.6	28.6
Executive, administrative, and managerial	12.4	12.8	13.2	13.7	11.5	11.7
Professional specialty	13.9	14.3	12.1	12.1	16.1	16.9
Technical, sales, and administrative support	30.8	30.4	20.5	20.2	43.3	42.7
Technicians and related support	3.6	3.3	3.4	3.0	3.8	3.5
Sales occupations	11.7	11.8	11.3	11.3	12.2	12.4
Administrative support, including clerical	15.5	15.4	5.8	5.9	27.2	26.8
Service occupations	13.7	13.7	10.0	10.2	18.1	17.9
Private household .....	.8	.8	.1	.1	1.6	1.7
Protective service	1.8	1.8	2.7	2.7	.6	.6
Service, except private household and protective	11.2	11.1	7.3	7.4	15.9	15.6
Precision production, craft, and repair	11.4	11.4	19.2	19.2	2.0	2.2
Operators, fabricators, and laborers	14.5	14.4	20.0	20.0	8.0	7.6
Machine operators, assemblers, and inspectors	6.4	6.2	7.0	7.1	5.6	5.2
Transportation and material moving occupations	4.3	4.3	7.2	7.1	.8	.9
Handlers, equipment cleaners, helpers, and laborers	3.9	3.9	5.8	5.8	1.6	1.5
Farming, forestry, and fishing	3.2	3.0	4.9	4.6	1.1	1.0
White						
Total, 16 years and over (thousands)	101,597	103,164	56,119	56,762	45,478	46,402
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	27.3	28.1	26.4	26.9	28.5	29.7
Executive, administrative, and managerial	13.1	13.5	13.9	14.5	12.0	12.3
Professional specialty	14.3	14.6	12.4	12.3	16.5	17.4
Technical, sales, and administrative support	31.4	30.8	20.8	20.3	44.4	43.7
Technicians and related support	3.6	3.2	3.4	3.0	3.8	3.5
Sales occupations	12.3	12.3	11.9	11.9	12.8	12.9
Administrative support, including clerical	15.5	15.3	5.5	5.5	27.9	27.3
Service occupations	12.4	12.4	9.0	9.1	16.7	16.5
Private household .....	.7	.8	-	.1	1.4	1.6
Protective service	1.6	1.6	2.6	2.5	.5	.5
Service, except private household and protective	10.1	10.0	6.4	6.5	14.7	14.4
Precision production, craft, and repair	11.8	11.9	19.9	20.0	1.9	2.1
Operators, fabricators, and laborers	13.7	13.5	18.9	18.9	7.3	7.0
Machine operators, assemblers, and inspectors	5.9	5.8	6.7	6.7	5.0	4.7
Transportation and material moving occupations	4.1	4.2	6.8	6.9	.8	.9
Handlers, equipment cleaners, helpers, and laborers	3.6	3.6	5.3	5.3	1.5	1.4
Farming, forestry, and fishing	3.3	3.2	5.1	4.9	1.2	1.1
Black						
Total, 16 years and over (thousands)	12,105	12,268	5,935	6,027	6,170	6,241
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	17.3	17.1	13.5	14.1	20.9	20.1
Executive, administrative, and managerial	7.6	7.4	7.0	7.0	8.1	7.9
Professional specialty	9.7	9.7	6.4	7.2	12.9	12.2
Technical, sales, and administrative support	26.6	27.9	16.7	17.8	36.1	37.6
Technicians and related support	3.6	3.1	3.1	2.8	4.1	3.4
Sales occupations	6.9	7.5	5.7	6.2	8.1	8.7
Administrative support, including clerical	16.0	17.3	8.0	8.9	23.8	25.5
Service occupations	23.8	23.4	18.6	19.0	28.7	27.7
Private household	1.6	1.1	.3	-	3.0	2.2
Protective service	2.9	2.9	4.7	4.8	1.3	1.2
Service, except private household and protective	19.2	19.4	13.7	14.2	24.5	24.3
Precision production, craft, and repair	8.3	8.3	14.9	14.2	1.8	2.7
Operators, fabricators, and laborers	21.7	21.3	31.8	31.3	12.1	11.6
Machine operators, assemblers, and inspectors	9.6	9.2	9.9	10.2	9.2	8.3
Transportation and material moving occupations	6.0	5.8	11.1	10.5	1.1	1.3
Handlers, equipment cleaners, helpers, and laborers	6.2	6.3	10.7	10.6	1.8	2.1
Farming, forestry, and fishing	2.4	1.9	4.5	3.5	.4	.3

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	September 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	107,248	1,150	18,520	87,579	8,991	242	1,786	1,383	80
16 to 19 years	5,048	124	229	4,695	60	16	178	31	11
16 to 17 years	1,963	63	69	1,831	17	5	80	14	10
18 to 19 years	3,085	61	160	2,864	43	11	97	17	-
20 to 24 years	11,411	141	1,054	10,216	262	7	271	43	4
25 to 34 years	29,461	234	4,124	25,103	1,861	42	544	229	15
35 to 44 years	29,233	177	5,831	23,226	2,704	47	407	346	33
45 to 54 years	20,015	175	4,837	15,003	2,181	70	210	237	7
55 to 64 years	9,520	197	2,035	7,288	1,320	32	109	263	6
55 to 59 years	5,926	89	1,235	4,602	754	9	60	133	4
60 to 64 years	3,594	109	800	2,686	566	23	49	130	2
65 years and over	2,560	102	409	2,049	603	27	68	234	4
Men, 16 years and over	56,518	142	8,365	48,011	6,001	54	1,417	1,149	20
16 to 19 years	2,533	16	105	2,412	40	10	148	23	8
16 to 17 years	968	9	30	929	12	5	66	12	7
18 to 19 years	1,565	6	75	1,483	27	4	83	11	1
20 to 24 years	5,895	23	491	5,381	167	2	221	38	3
25 to 34 years	16,000	37	1,941	14,022	1,208	6	445	175	1
35 to 44 years	15,335	18	2,450	12,868	1,800	6	295	301	9
45 to 54 years	10,413	8	2,230	8,175	1,477	6	162	183	-
55 to 64 years	5,021	30	947	4,044	875	8	89	220	-
55 to 59 years	3,154	11	555	2,587	481	2	45	109	-
60 to 64 years	1,867	19	391	1,457	394	7	45	111	-
65 years and over	1,321	11	201	1,109	434	16	55	210	-
Women, 16 years and over	50,730	1,008	10,155	39,567	2,990	188	370	234	59
16 to 19 years	2,515	108	125	2,283	21	6	29	8	3
16 to 17 years	995	53	39	902	5	-	15	2	3
18 to 19 years	1,520	54	85	1,380	16	7	14	5	-
20 to 24 years	5,516	118	563	4,835	95	5	50	6	-
25 to 34 years	13,461	197	2,183	11,081	653	36	99	54	14
35 to 44 years	13,898	159	3,381	10,358	904	42	112	45	25
45 to 54 years	9,602	167	2,607	6,828	704	64	48	55	7
55 to 64 years	4,499	168	1,088	3,243	445	24	20	43	7
55 to 59 years	2,772	78	680	2,015	273	7	16	24	4
60 to 64 years	1,727	90	408	1,229	172	17	4	19	3
65 years and over	1,239	91	208	939	169	11	12	23	4

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	September 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	3,249	86	100	35	10	90	-	20	31	7	54	19	2,795
Mining	676	95	66	14	2	64	-	7	257	29	115	28	-
Construction	7,573	920	130	31	50	419	-	52	4,473	100	554	813	31
Manufacturing	19,445	2,395	1,625	627	757	2,116	-	313	3,747	6,052	755	974	85
Durable goods	11,283	1,452	1,058	412	267	1,167	-	151	2,590	3,297	370	441	79
Nondurable goods	8,162	943	567	216	491	949	-	162	1,157	2,755	385	532	6
Transportation and public utilities	8,521	975	512	327	286	2,290	-	237	1,296	116	1,982	494	7
Wholesale and retail trade	24,382	2,191	444	164	10,030	2,250	-	4,765	1,362	239	1,055	1,815	66
Wholesale trade	4,583	561	72	46	1,800	758	-	39	292	115	509	347	45
Retail trade	19,799	1,631	372	118	8,229	1,492	-	4,727	1,070	124	546	1,468	22
Finance, insurance, and real estate	8,161	2,166	238	176	1,971	2,960	-	331	189	24	19	21	66
Services	41,856	5,195	13,086	2,258	982	6,731	951	8,277	2,083	823	547	439	482
Private households	1,158	-	3	-	2	8	951	98	10	-	6	11	69
Other service industries	40,699	5,195	13,084	2,258	980	6,722	-	8,181	2,073	823	542	428	414
Professional services	28,416	3,233	11,734	1,949	180	5,069	-	5,065	418	259	295	94	120
Public administration	5,868	1,310	877	265	23	1,525	-	1,442	241	49	68	35	34

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					
	Sept. 1992	Sept. 1993	Total		Wage and salary workers ¹			
			Sept. 1992	Sept. 1993	Paid absences		Unpaid absences	
					Sept. 1992	Sept. 1993	Sept. 1992	Sept. 1993
Total, 16 years and over	5,933	5,035	5,833	4,944	3,181	2,547	1,990	1,854
Vacation	3,366	2,512	3,320	2,470	2,453	1,722	595	536
Illness	1,162	1,280	1,146	1,264	423	505	639	643
Bad weather	40	34	34	30	(?)	(?)	(?)	(?)
Industrial dispute	32	41	32	41	(?)	(?)	(?)	(?)
All other reasons	1,332	1,168	1,301	1,139	304	319	756	675
Men, 16 years and over	2,891	2,418	2,816	2,354	1,649	1,242	779	802
Vacation	1,752	1,278	1,717	1,248	1,341	916	233	217
Illness	543	602	532	591	197	205	278	319
All other reasons ²	595	538	566	515	111	122	268	266
Women, 16 years and over	3,042	2,617	3,017	2,590	1,532	1,304	1,211	1,052
Vacation	1,614	1,235	1,602	1,222	1,113	806	363	319
Illness	618	678	613	673	226	300	361	324
All other reasons ²	809	705	801	695	193	199	488	409

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	September 1993					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	114,695	3,159	111,536	100.0	100.0	100.0
1 to 34 hours	26,752	860	25,892	23.3	27.2	23.2
1 to 4 hours	751	43	707	.7	1.4	.6
5 to 14 hours	4,541	177	4,364	4.0	5.6	3.9
15 to 29 hours	13,648	386	13,262	11.9	12.2	11.9
30 to 34 hours	7,813	254	7,559	6.8	8.0	6.8
35 hours and over	87,943	2,299	85,645	76.7	72.8	76.8
35 to 39 hours	7,205	156	7,050	6.3	4.9	6.3
40 hours	43,999	679	43,320	38.4	21.5	38.8
41 hours and over	36,739	1,464	35,275	32.0	46.3	31.6
41 to 48 hours	12,052	241	11,811	10.5	7.6	10.6
49 to 59 hours	14,122	431	13,692	12.3	13.6	12.3
60 hours and over	10,565	793	9,772	9.2	25.1	8.8
Average hours, total at work	39.9	44.1	39.8	-	-	-
Average hours, workers on full-time schedules	44.4	51.3	44.2	-	-	-

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	September 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	26,752	7,131	19,621	25,892	6,873	19,018
Economic reasons	6,037	1,917	4,121	5,801	1,817	3,983
Slack work	2,885	1,610	1,275	2,717	1,515	1,202
Material shortages or repairs to plant and equipment	62	62	-	62	62	-
New job started during week	155	155	-	151	151	-
Job terminated during week	89	89	-	88	88	-
Could find only part-time work	2,846	-	2,846	2,782	-	2,782
Other reasons	20,715	5,214	15,501	20,091	5,056	15,035
Does not want, or unavailable for, full-time work	12,593	-	12,593	12,228	-	12,228
Vacation	1,447	1,447	-	1,426	1,426	-
Illness	1,469	1,277	192	1,446	1,260	186
Bad weather	269	269	-	203	203	-
Industrial dispute	15	15	-	15	15	-
Legal or religious holiday	598	598	-	594	594	-
Full time for this job	1,695	-	1,695	1,669	-	1,669
All other reasons	2,629	1,608	1,021	2,510	1,558	952
Average hours:						
Economic reasons	22.7	24.8	21.7	22.7	24.8	21.8
Other reasons	21.1	25.9	19.5	21.2	25.9	19.6
Worked 30 to 34 hours:						
Economic reasons	2,032	889	1,143	1,939	844	1,095
Other reasons	5,781	2,688	3,093	5,620	2,615	3,005

**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	September 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	111,536	5,801	15,035	90,701	55,426	11,811	23,464	39.8	44.2
Wage and salary workers	102,788	5,092	13,408	84,287	52,617	11,156	20,515	39.7	43.9
Mining	604	6	12	586	262	74	249	48.2	49.0
Construction	5,649	402	223	5,024	3,221	605	1,198	41.3	43.7
Manufacturing	18,178	448	575	17,155	10,005	2,839	4,311	43.0	44.3
Durable goods	10,563	181	196	10,186	5,793	1,725	2,667	43.8	44.5
Nondurable goods	7,616	268	379	6,969	4,211	1,115	1,643	42.0	43.9
Transportation and public utilities	7,696	238	388	7,070	4,188	953	1,928	42.8	44.7
Wholesale and retail trade	21,619	1,708	4,888	15,023	8,865	2,170	3,988	37.2	44.4
Finance, insurance, and real estate	7,106	138	629	6,339	4,186	722	1,430	40.6	42.9
Service industries	36,337	2,085	6,410	27,843	18,120	3,241	6,481	38.0	43.5
Private households	1,097	230	438	428	278	52	99	27.7	46.3
All other industries	35,241	1,855	5,972	27,414	17,842	3,189	6,383	38.3	43.4
Public administration	5,598	67	283	5,248	3,769	550	929	41.1	42.5
Self-employed workers	8,507	704	1,494	6,309	2,753	644	2,912	40.9	48.6
Unpaid family workers	242	4	132	105	57	11	37	32.6	47.4

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	September 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	111,536	5,801	15,035	90,701	55,426	35,275	39.8	44.2
16 to 19 years	4,993	475	3,023	1,496	1,164	332	24.2	40.3
16 to 17 years	1,923	83	1,713	128	110	18	16.9	36.9
18 to 19 years	3,070	392	1,310	1,368	1,054	314	28.8	40.6
20 years and over	106,543	5,326	12,012	89,205	54,262	34,943	40.5	44.3
20 to 24 years	11,280	921	2,294	8,065	5,537	2,528	36.2	42.5
25 years and over	95,263	4,405	9,719	81,140	48,725	32,415	41.0	44.4
25 to 44 years	60,973	2,970	5,246	52,757	31,366	21,391	41.5	44.5
45 to 64 years	31,365	1,262	3,032	27,071	16,447	10,624	41.2	44.4
65 years and over	2,926	172	1,441	1,313	914	400	28.7	42.4
Men, 16 years and over	60,218	2,711	4,492	53,015	28,713	24,303	42.6	45.7
16 to 19 years	2,539	231	1,421	888	667	221	25.7	41.1
16 to 17 years	958	30	857	71	63	8	17.3	(¹)
18 to 19 years	1,580	201	563	816	604	212	30.8	41.6
20 years and over	57,679	2,480	3,072	52,128	28,046	24,082	43.4	45.8
20 to 24 years	5,883	483	951	4,449	2,859	1,590	37.8	43.5
25 years and over	51,797	1,997	2,121	47,679	25,187	22,492	44.0	46.0
25 to 44 years	33,263	1,391	770	31,102	16,146	14,956	44.6	46.1
45 to 64 years	16,901	507	633	15,761	8,509	7,252	44.1	45.8
65 years and over	1,633	99	718	816	532	284	30.6	43.1
Women, 16 years and over	51,318	3,090	10,543	37,686	26,714	10,972	36.4	42.1
16 to 19 years	2,454	244	1,602	608	497	111	22.7	39.2
16 to 17 years	965	53	856	56	47	10	16.6	(¹)
18 to 19 years	1,490	191	747	552	450	101	26.6	39.2
20 years and over	48,864	2,846	8,940	37,078	26,216	10,861	37.1	42.1
20 to 24 years	5,397	438	1,343	3,616	2,679	938	34.5	41.3
25 years and over	43,467	2,408	7,597	33,461	23,538	9,923	37.4	42.2
25 to 44 years	27,709	1,579	4,477	21,653	15,219	6,434	37.6	42.1
45 to 64 years	14,464	754	2,397	11,313	7,940	3,373	37.8	42.4
65 years and over	1,293	73	723	497	382	116	26.4	41.2
RACE								
White, 16 years and over	95,915	4,630	13,536	77,749	45,861	31,888	39.9	44.5
Men	52,302	2,160	3,971	46,171	23,951	22,220	43.0	46.0
Women	43,613	2,470	9,565	31,578	21,910	9,668	36.2	42.2
Black, 16 years and over	11,555	930	1,016	9,609	7,301	2,308	38.7	42.2
Men	5,668	425	336	4,907	3,505	1,402	40.2	43.1
Women	5,887	505	680	4,702	3,796	906	37.4	41.2
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	37,957	1,036	1,426	35,495	18,201	17,294	44.6	46.3
Widowed, divorced, or separated	6,810	391	303	6,116	3,428	2,688	43.1	45.7
Single (never married)	15,452	1,284	2,763	11,405	7,084	4,321	37.5	43.9
Women, 16 years and over:								
Married, spouse present	28,469	1,435	5,989	21,044	15,270	5,774	36.4	41.8
Widowed, divorced, or separated	10,544	705	1,364	8,475	5,620	2,855	38.6	43.0
Single (never married)	12,306	950	3,189	8,167	5,824	2,343	34.4	42.0

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

**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	September 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	111,252	5,744	14,993	90,515	55,213	11,813	23,488	39.8	44.2
Managerial and professional specialty	31,170	706	2,948	27,515	14,648	3,498	9,369	42.5	45.5
Executive, administrative, and managerial	14,739	233	841	13,665	6,622	1,812	5,231	44.6	46.5
Professional specialty	16,431	473	2,108	13,850	8,026	1,686	4,138	40.6	44.5
Technical, sales, and administrative support	34,978	1,548	6,056	27,374	17,894	3,488	5,992	38.3	43.2
Technicians and related support	3,744	104	411	3,230	2,197	432	601	39.9	42.9
Sales occupations	13,524	774	2,764	9,987	5,056	1,376	3,555	39.4	46.1
Administrative support, including clerical	17,710	671	2,881	14,158	10,641	1,681	1,835	37.1	41.2
Service occupations	15,582	1,734	4,169	9,679	6,890	1,029	1,760	34.3	42.9
Private household	905	175	382	349	221	42	86	27.9	46.5
Protective service	1,986	49	161	1,775	1,082	260	433	42.4	45.1
Service, except private household and protective	12,691	1,510	3,626	7,555	5,587	727	1,240	33.5	42.3
Precision production, craft, and repair	13,109	674	407	12,028	7,123	1,837	3,067	42.5	44.3
Operators, fabricators, and laborers	16,413	1,081	1,413	13,918	8,658	1,960	3,300	40.8	44.3
Machine operators, assemblers, and inspectors	7,115	373	292	6,450	4,243	990	1,217	41.5	43.4
Transportation and material moving occupations	4,851	281	365	4,205	2,081	542	1,582	44.1	47.4
Handlers, equipment cleaners, helpers, and laborers	4,447	427	756	3,264	2,334	428	502	36.2	42.1
Men, 16 years and over¹	59,812	2,646	4,419	52,747	28,461	7,275	17,011	42.7	45.7
Managerial and professional specialty	16,287	309	812	15,166	6,832	1,889	6,445	45.5	47.4
Executive, administrative, and managerial	8,632	115	279	8,239	3,385	1,029	3,825	46.9	48.2
Professional specialty	7,654	194	533	6,927	3,447	860	2,620	43.9	46.5
Technical, sales, and administrative support	12,725	403	1,227	11,095	5,570	1,641	3,885	42.8	46.1
Technicians and related support	1,925	41	110	1,774	1,123	235	416	42.1	44.0
Sales occupations	7,107	218	729	6,159	2,511	881	2,767	44.4	48.2
Administrative support, including clerical	3,693	143	388	3,162	1,936	525	701	40.0	43.3
Service occupations	6,356	552	1,139	4,666	3,182	559	924	37.4	43.7
Private household	38	9	7	22	11	-	11	(²)	(²)
Protective service	1,683	34	93	1,556	916	233	407	43.9	45.7
Service, except private household and protective	4,635	509	1,038	3,088	2,255	327	506	35.1	42.6
Precision production, craft, and repair	11,967	630	302	11,034	6,478	1,688	2,869	42.7	44.5
Operators, fabricators, and laborers	12,478	752	939	10,786	6,400	1,498	2,888	41.8	45.0
Machine operators, assemblers, and inspectors	4,446	188	142	4,116	2,575	641	900	42.6	44.3
Transportation and material moving occupations	4,381	209	219	3,954	1,914	506	1,533	45.1	47.6
Handlers, equipment cleaners, helpers, and laborers	3,651	356	579	2,716	1,911	351	455	36.7	42.3
Women, 16 years and over¹	51,440	3,098	10,574	37,767	26,752	4,538	6,478	36.4	42.1
Managerial and professional specialty	14,883	397	2,137	12,349	7,816	1,609	2,924	39.3	43.2
Executive, administrative, and managerial	6,107	118	562	5,426	3,237	783	1,407	41.5	43.9
Professional specialty	8,776	279	1,575	6,923	4,579	826	1,517	37.8	42.6
Technical, sales, and administrative support	22,254	1,146	4,829	16,279	12,324	1,847	2,107	35.7	41.3
Technicians and related support	1,819	62	301	1,456	1,074	197	185	37.5	41.7
Sales occupations	6,418	556	2,034	3,828	2,545	495	788	33.9	42.9
Administrative support, including clerical	14,017	528	2,494	10,995	8,705	1,156	1,134	36.4	40.6
Service occupations	9,226	1,182	3,030	5,013	3,707	470	836	32.1	42.2
Private household	867	166	375	327	209	42	75	27.4	45.8
Protective service	303	16	68	219	166	27	26	34.1	41.2
Service, except private household and protective	8,056	1,001	2,588	4,467	3,332	400	735	32.5	42.0
Precision production, craft, and repair	1,142	44	104	994	646	150	198	40.2	42.9
Operators, fabricators, and laborers	3,935	329	474	3,132	2,258	462	412	37.8	41.8
Machine operators, assemblers, and inspectors	2,669	185	150	2,334	1,668	350	316	39.5	41.8
Transportation and material moving occupations	470	73	146	251	167	35	49	34.0	44.2
Handlers, equipment cleaners, helpers, and laborers	796	71	177	547	423	77	47	34.2	40.7

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
TOTAL													
Noninstitutional population ¹	193,513	193,683	193,847	194,026	194,159	194,298	194,456	194,618	194,767	194,933	195,104	195,275	195,453
Labor force ²	128,840	128,618	128,896	129,108	128,598	128,839	128,926	128,833	129,615	129,604	129,541	129,852	129,457
Percent of population ²	66.6	66.4	66.5	66.5	66.2	66.3	66.3	66.2	66.5	66.5	66.4	66.5	66.2
Total employed ¹	119,290	119,239	119,595	119,828	119,586	119,963	120,062	119,908	120,757	120,696	120,772	121,192	120,939
Employment-population ratio ³	61.6	61.6	61.7	61.8	61.6	61.7	61.7	61.6	62.0	61.9	61.9	62.1	61.9
Resident Armed Forces	1,566	1,552	1,531	1,517	1,515	1,512	1,497	1,492	1,484	1,477	1,471	1,482	1,482
Civilian employed	117,724	117,687	118,064	118,311	118,071	118,451	118,565	118,416	119,273	119,219	119,301	119,710	119,457
Agriculture	3,221	3,169	3,209	3,262	3,191	3,116	3,082	3,060	3,070	3,024	3,039	2,980	3,095
Nonagricultural industries	114,503	114,518	114,855	115,049	114,879	115,335	115,483	115,356	116,203	116,195	116,262	116,729	116,362
Unemployed	9,550	9,379	9,301	9,280	9,013	8,876	8,864	8,925	8,858	8,908	8,769	8,661	8,517
Unemployment rate ⁴	7.4	7.3	7.2	7.2	7.0	6.9	6.9	6.9	6.8	6.9	6.8	6.7	6.6
Not in labor force	64,673	65,065	64,951	64,918	65,561	65,459	65,530	65,785	65,152	65,329	65,563	65,423	65,996
Men													
Noninstitutional population ¹	93,146	93,238	93,324	93,420	93,488	93,563	93,646	93,731	93,809	93,896	93,986	94,076	94,169
Labor force ²	70,860	70,728	70,708	70,754	70,473	70,690	70,835	70,773	71,047	71,082	71,056	71,259	70,872
Percent of population ²	76.1	75.9	75.8	75.7	75.4	75.6	75.6	75.5	75.7	75.7	75.6	75.7	75.3
Total employed ¹	65,383	65,318	65,416	65,554	65,544	65,693	65,674	65,694	66,056	66,006	65,999	66,265	66,033
Employment-population ratio ³	70.2	70.1	70.1	70.2	70.1	70.2	70.1	70.1	70.4	70.3	70.2	70.4	70.1
Resident Armed Forces	1,407	1,394	1,373	1,360	1,358	1,355	1,342	1,338	1,330	1,323	1,317	1,327	1,326
Civilian employed	63,976	63,924	64,043	64,194	64,186	64,338	64,332	64,356	64,726	64,683	64,682	64,938	64,707
Unemployed	5,477	5,410	5,292	5,200	4,929	4,997	5,160	5,079	4,992	5,075	5,057	4,994	4,839
Unemployment rate ⁴	7.7	7.6	7.5	7.3	7.0	7.1	7.3	7.2	7.0	7.1	7.1	7.0	6.8
Not in labor force	22,286	22,510	22,616	22,666	23,015	22,873	22,811	22,958	22,762	22,814	22,930	22,817	23,297
Women													
Noninstitutional population ¹	100,367	100,445	100,523	100,606	100,671	100,734	100,809	100,887	100,959	101,037	101,119	101,199	101,284
Labor force ²	57,980	57,890	58,188	58,354	58,125	58,149	58,091	58,061	58,567	58,522	58,485	58,594	58,585
Percent of population ²	57.8	57.6	57.9	58.0	57.7	57.7	57.6	57.6	58.0	57.9	57.8	57.9	57.8
Total employed ¹	53,907	53,921	54,179	54,274	54,042	54,271	54,388	54,214	54,701	54,689	54,772	54,927	54,906
Employment-population ratio ³	53.7	53.7	53.9	53.9	53.7	53.9	54.0	53.7	54.2	54.1	54.2	54.3	54.2
Resident Armed Forces	159	158	158	157	157	157	155	154	154	154	154	155	156
Civilian employed	53,748	53,763	54,021	54,117	53,885	54,114	54,233	54,060	54,547	54,535	54,618	54,772	54,750
Unemployed	4,073	3,969	4,009	4,080	4,083	3,879	3,704	3,846	3,866	3,833	3,712	3,667	3,678
Unemployment rate ⁴	7.0	6.9	6.9	7.0	7.0	6.7	6.4	6.6	6.6	6.5	6.3	6.3	6.3
Not in labor force	42,387	42,555	42,335	42,252	42,546	42,585	42,718	42,826	42,392	42,515	42,634	42,605	42,699

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
TOTAL													
Civilian noninstitutional population ¹	191,947	192,131	192,316	192,509	192,644	192,786	192,959	193,126	193,283	193,456	193,633	193,793	193,971
Civilian labor force	127,274	127,066	127,365	127,591	127,083	127,327	127,429	127,341	128,131	128,127	128,070	128,370	127,975
Percent of population	66.3	66.1	66.2	66.3	66.0	66.0	66.0	65.9	66.3	66.2	66.1	66.2	66.0
Employed	117,724	117,687	118,064	118,311	118,071	118,451	118,565	118,416	119,273	119,219	119,301	119,710	119,457
Employment-population ratio ²	61.3	61.3	61.4	61.5	61.3	61.4	61.4	61.3	61.7	61.6	61.6	61.8	61.6
Unemployed	9,550	9,379	9,301	9,280	9,013	8,876	8,864	8,925	8,858	8,908	8,769	8,661	8,517
Unemployment rate	7.5	7.4	7.3	7.3	7.1	7.0	7.0	7.0	6.9	7.0	6.8	6.7	6.7
Men, 16 years and over													
Civilian noninstitutional population ¹	91,739	91,844	91,951	92,060	92,130	92,208	92,304	92,393	92,479	92,573	92,669	92,749	92,843
Civilian labor force	69,453	69,334	69,335	69,394	69,115	69,335	69,493	69,435	69,717	69,759	69,739	69,932	69,546
Percent of population	75.7	75.5	75.4	75.4	75.0	75.2	75.3	75.2	75.4	75.4	75.3	75.4	74.9
Employed	63,976	63,924	64,043	64,194	64,186	64,338	64,332	64,356	64,726	64,683	64,682	64,938	64,707
Employment-population ratio ²	69.7	69.6	69.6	69.7	69.7	69.8	69.7	69.7	70.0	69.9	69.8	70.0	69.7
Agriculture	2,573	2,550	2,541	2,593	2,534	2,521	2,434	2,462	2,450	2,396	2,381	2,321	2,461
Nonagricultural industries	61,403	61,374	61,502	61,601	61,651	61,817	61,899	61,893	62,276	62,288	62,301	62,616	62,246
Unemployed	5,477	5,410	5,292	5,200	4,929	4,997	5,160	5,079	4,992	5,075	5,057	4,994	4,839
Unemployment rate	7.9	7.8	7.6	7.5	7.1	7.2	7.4	7.3	7.2	7.3	7.3	7.1	7.0
Not in labor force	22,286	22,510	22,616	22,666	23,015	22,873	22,811	22,958	22,762	22,814	22,930	22,817	23,297
Men, 20 years and over													
Civilian noninstitutional population ¹	85,075	85,159	85,259	85,369	85,445	85,554	85,664	85,731	85,816	85,872	85,950	86,002	86,075
Civilian labor force	65,805	65,811	65,740	65,785	65,624	65,734	65,901	65,819	66,157	66,143	66,136	66,274	66,020
Percent of population	77.3	77.3	77.1	77.1	76.8	76.8	76.9	76.8	77.1	77.0	76.9	77.1	76.7
Employed	61,125	61,088	61,206	61,326	61,423	61,479	61,466	61,579	61,892	61,847	61,816	62,011	61,842
Employment-population ratio ²	71.8	71.7	71.8	71.8	71.9	71.9	71.8	71.8	72.1	72.0	71.9	72.1	71.8
Agriculture	2,382	2,378	2,326	2,371	2,340	2,299	2,248	2,273	2,237	2,212	2,228	2,164	2,269
Nonagricultural industries	58,743	58,710	58,880	58,955	59,083	59,180	59,218	59,305	59,655	59,636	59,588	59,847	59,573
Unemployed	4,680	4,723	4,534	4,459	4,201	4,255	4,435	4,240	4,266	4,295	4,320	4,263	4,178
Unemployment rate	7.1	7.2	6.9	6.8	6.4	6.5	6.7	6.4	6.4	6.5	6.5	6.4	6.3
Not in labor force	19,270	19,348	19,519	19,584	19,821	19,820	19,763	19,912	19,659	19,729	19,814	19,728	20,055
Women, 16 years and over													
Civilian noninstitutional population ¹	100,208	100,287	100,365	100,449	100,514	100,577	100,654	100,733	100,805	100,883	100,965	101,044	101,128
Civilian labor force	57,821	57,732	58,030	58,197	57,968	57,992	57,936	57,907	58,413	58,368	58,331	58,439	58,429
Percent of population	57.7	57.6	57.8	57.9	57.7	57.7	57.6	57.5	57.9	57.9	57.8	57.8	57.8
Employed	53,748	53,763	54,021	54,117	53,885	54,114	54,233	54,060	54,547	54,535	54,618	54,772	54,750
Employment-population ratio ²	53.6	53.6	53.8	53.9	53.6	53.8	53.9	53.7	54.1	54.1	54.1	54.2	54.1
Agriculture	648	619	668	669	657	596	649	598	620	628	658	659	634
Nonagricultural industries	53,100	53,144	53,353	53,448	53,228	53,518	53,584	53,462	53,927	53,908	53,960	54,113	54,116
Unemployed	4,073	3,969	4,009	4,080	4,083	3,879	3,704	3,846	3,866	3,833	3,712	3,667	3,678
Unemployment rate	7.0	6.9	6.9	7.0	7.0	6.7	6.4	6.6	6.6	6.6	6.4	6.3	6.3
Not in labor force	42,387	42,555	42,335	42,252	42,546	42,585	42,718	42,826	42,392	42,515	42,634	42,605	42,699
Women, 20 years and over													
Civilian noninstitutional population ¹	93,703	93,771	93,849	93,960	94,007	94,088	94,148	94,214	94,264	94,315	94,425	94,490	94,575
Civilian labor force	54,611	54,578	54,832	55,010	54,733	54,742	54,779	54,704	55,020	55,169	55,053	55,238	55,163
Percent of population	58.3	58.2	58.4	58.5	58.2	58.2	58.2	58.1	58.4	58.5	58.3	58.5	58.3
Employed	51,141	51,182	51,435	51,494	51,246	51,466	51,668	51,433	51,801	51,903	51,854	52,088	52,007
Employment-population ratio ²	54.6	54.6	54.8	54.8	54.5	54.7	54.9	54.6	55.0	55.0	54.9	55.1	55.0
Agriculture	594	584	616	613	608	551	618	576	594	591	623	620	590
Nonagricultural industries	50,547	50,598	50,819	50,881	50,638	50,915	51,050	50,856	51,207	51,312	51,231	51,468	51,417
Unemployed	3,470	3,396	3,397	3,516	3,486	3,276	3,111	3,271	3,219	3,267	3,198	3,150	3,156
Unemployment rate	6.4	6.2	6.2	6.4	6.4	6.0	5.7	6.0	5.9	5.9	5.8	5.7	5.7
Not in labor force	39,092	39,193	39,017	38,950	39,274	39,346	39,369	39,510	39,244	39,146	39,372	39,252	39,412
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,169	13,200	13,208	13,181	13,191	13,143	13,147	13,181	13,203	13,270	13,258	13,301	13,321
Civilian labor force	6,858	6,677	6,793	6,796	6,726	6,851	6,749	6,819	6,953	6,815	6,881	6,858	6,791
Percent of population	52.1	50.6	51.4	51.6	51.0	52.1	51.3	51.7	52.7	51.4	51.9	51.6	51.0
Employed	5,458	5,417	5,423	5,491	5,401	5,506	5,431	5,405	5,580	5,469	5,630	5,610	5,608
Employment-population ratio ²	41.4	41.0	41.1	41.7	40.9	41.9	41.3	41.0	42.3	41.2	42.5	42.2	42.1
Agriculture	245	207	267	278	243	266	216	211	239	221	188	196	236
Nonagricultural industries	5,213	5,210	5,156	5,213	5,158	5,240	5,215	5,194	5,341	5,248	5,442	5,414	5,372
Unemployed	1,400	1,260	1,370	1,305	1,325	1,345	1,318	1,414	1,373	1,346	1,251	1,248	1,183
Unemployment rate	20.4	18.9	20.2	19.2	19.7	19.6	19.5	20.7	19.7	19.8	18.2	18.2	17.4
Not in labor force	6,311	6,523	6,415	6,385	6,465	6,292	6,398	6,362	6,250	6,455	6,377	6,443	6,530

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
WHITE													
Civilian noninstitutional population ¹	162,891	163,013	163,132	163,259	163,343	163,429	163,543	163,649	163,748	163,857	163,971	164,074	164,190
Civilian labor force	108,606	108,483	108,723	108,946	108,729	108,754	108,998	108,589	109,277	109,484	109,381	109,705	109,357
Percent of population	66.7	66.5	66.6	66.7	66.6	66.5	66.6	66.4	66.7	66.8	66.7	66.9	66.6
Employed	101,412	101,458	101,816	102,043	101,987	102,109	102,339	102,035	102,675	102,784	102,790	103,223	102,978
Employment-population ratio ²	62.3	62.2	62.4	62.5	62.4	62.5	62.6	62.3	62.7	62.7	62.7	62.9	62.7
Unemployed	7,194	7,025	6,907	6,903	6,742	6,645	6,659	6,554	6,602	6,700	6,591	6,482	6,379
Unemployment rate	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.0	6.0	6.1	6.0	5.9	5.8
Men, 20 years and over													
Civilian labor force	56,902	56,910	56,858	56,937	56,895	56,942	57,070	56,895	57,073	57,172	57,110	57,223	57,045
Percent of population	77.8	77.7	77.6	77.6	77.5	77.5	77.6	77.3	77.5	77.6	77.4	77.6	77.3
Employed	53,279	53,305	53,369	53,543	53,615	53,649	53,656	53,667	53,834	53,919	53,769	53,984	53,875
Employment-population ratio ²	72.8	72.8	72.8	73.0	73.0	73.0	73.0	72.9	73.1	73.2	72.9	73.2	73.0
Unemployed	3,623	3,605	3,489	3,394	3,280	3,293	3,414	3,228	3,240	3,253	3,341	3,239	3,170
Unemployment rate	6.4	6.3	6.1	6.0	5.8	5.8	6.0	5.7	5.7	5.7	5.9	5.7	5.6
Women, 20 years and over													
Civilian labor force	45,888	45,905	46,095	46,240	46,096	46,002	46,142	45,908	46,321	46,556	46,486	46,613	46,465
Percent of population	57.9	57.9	58.1	58.3	58.1	57.9	58.1	57.7	58.2	58.5	58.4	58.5	58.3
Employed	43,326	43,365	43,661	43,667	43,583	43,626	43,839	43,564	43,943	44,061	44,137	44,310	44,149
Employment-population ratio ²	54.7	54.7	55.0	55.0	54.9	54.9	55.2	54.8	55.2	55.3	55.4	55.6	55.4
Unemployed	2,562	2,540	2,434	2,573	2,513	2,377	2,303	2,345	2,377	2,495	2,349	2,303	2,316
Unemployment rate	5.6	5.5	5.3	5.6	5.5	5.2	5.0	5.1	5.1	5.4	5.1	4.9	5.0
Both sexes, 16 to 19 years													
Civilian labor force	5,816	5,668	5,770	5,769	5,738	5,810	5,786	5,785	5,883	5,755	5,785	5,869	5,847
Percent of population	55.4	54.0	54.9	54.9	54.5	55.2	54.9	54.9	55.7	54.5	54.7	55.4	55.1
Employed	4,807	4,788	4,786	4,833	4,789	4,834	4,844	4,804	4,898	4,804	4,884	4,929	4,954
Employment-population ratio ²	45.8	45.6	45.5	46.0	45.5	45.9	46.0	45.6	46.4	45.5	46.2	46.5	46.7
Unemployed	1,009	880	984	936	949	976	942	981	985	951	901	940	893
Unemployment rate	17.3	15.5	17.1	16.2	16.5	16.8	16.3	17.0	16.7	16.5	15.6	16.0	15.3
Men	18.7	15.9	17.7	17.2	18.1	17.9	16.5	19.2	17.0	19.0	17.8	17.9	16.0
Women	15.8	15.1	16.4	15.1	14.9	15.6	16.0	14.5	16.5	13.8	13.1	13.9	14.5
BLACK													
Civilian noninstitutional population ¹	22,027	22,061	22,096	22,131	22,157	22,184	22,217	22,249	22,280	22,313	22,346	22,375	22,408
Civilian labor force	13,981	13,948	13,894	13,935	13,822	14,018	13,834	13,872	13,955	13,921	13,930	13,980	13,946
Percent of population	63.5	63.2	62.9	63.0	62.4	63.2	62.3	62.4	62.6	62.4	62.3	62.5	62.2
Employed	12,033	11,984	11,948	11,960	11,853	12,186	11,962	11,959	12,157	12,068	12,134	12,239	12,190
Employment-population ratio ²	54.6	54.3	54.1	54.0	53.5	54.9	53.8	53.7	54.6	54.1	54.3	54.7	54.4
Unemployed	1,948	1,964	1,946	1,975	1,969	1,832	1,871	1,913	1,798	1,854	1,796	1,741	1,756
Unemployment rate	13.9	14.1	14.0	14.2	14.2	13.1	13.5	13.8	12.9	13.3	12.9	12.5	12.6
Men, 20 years and over													
Civilian labor force	6,495	6,499	6,481	6,450	6,486	6,534	6,491	6,412	6,485	6,494	6,515	6,579	6,513
Percent of population	73.1	73.0	72.6	72.1	72.4	72.9	72.3	71.3	72.0	71.9	72.0	72.7	71.9
Employed	5,620	5,611	5,640	5,589	5,645	5,754	5,640	5,597	5,699	5,669	5,754	5,781	5,712
Employment-population ratio ²	63.2	63.0	63.2	62.5	63.1	64.2	62.8	62.2	63.2	62.8	63.6	63.8	63.1
Unemployed	875	888	841	861	841	781	851	815	786	826	761	799	801
Unemployment rate	13.5	13.7	13.0	13.3	13.0	11.9	13.1	12.7	12.1	12.7	11.7	12.1	12.3
Women, 20 years and over													
Civilian labor force	6,675	6,682	6,639	6,687	6,536	6,683	6,584	6,659	6,632	6,662	6,593	6,623	6,677
Percent of population	60.3	60.3	59.9	60.2	58.8	60.0	59.1	59.6	59.3	59.5	58.8	59.0	59.4
Employed	5,944	5,930	5,854	5,889	5,717	5,936	5,897	5,936	5,958	5,951	5,851	5,924	5,992
Employment-population ratio ²	53.7	53.5	52.8	53.0	51.4	53.3	52.9	53.2	53.3	53.2	52.2	52.8	53.3
Unemployed	731	752	785	798	819	747	687	723	674	711	742	699	685
Unemployment rate	11.0	11.3	11.8	11.9	12.5	11.2	10.4	10.9	10.2	10.7	11.3	10.6	10.3

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	811	767	774	798	800	800	758	801	838	765	822	778	756
Percent of population	39.1	36.9	37.2	38.3	38.4	38.4	36.3	38.4	40.1	36.6	39.2	37.0	35.7
Employed	469	443	454	482	490	496	425	426	500	448	529	534	486
Employment-population ratio ²	22.6	21.3	21.8	23.2	23.5	23.8	20.4	20.4	23.9	21.4	25.3	25.4	23.0
Unemployed	342	324	320	316	310	304	333	375	338	317	293	244	270
Unemployment rate	42.2	42.2	41.3	39.6	38.7	38.0	43.9	46.8	40.3	41.4	35.6	31.4	35.7
Men	44.3	44.2	44.8	42.2	39.0	37.4	45.4	47.9	40.3	36.9	37.1	32.6	40.0
Women	39.8	39.8	37.5	36.5	38.5	38.6	42.0	45.3	40.4	46.6	33.9	29.9	30.8
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	15,342	15,362	15,421	15,461	15,500	15,540	15,585	15,635	15,681	15,729	15,777	15,824	15,871
Civilian labor force	10,213	10,210	10,211	10,351	10,225	10,280	10,343	10,210	10,232	10,255	10,348	10,291	10,427
Percent of population	66.6	66.4	66.2	66.9	66.0	66.1	66.4	65.3	65.2	65.2	65.6	65.0	65.7
Employed	9,028	9,011	8,990	9,145	9,043	9,108	9,166	9,148	9,239	9,206	9,221	9,295	9,411
Employment-population ratio ²	58.8	58.6	58.3	59.1	58.3	58.6	58.8	58.5	58.9	58.5	58.4	58.7	59.3
Unemployed	1,185	1,199	1,221	1,206	1,182	1,171	1,177	1,062	993	1,050	1,127	996	1,016
Unemployment rate	11.6	11.7	12.0	11.7	11.6	11.4	11.4	10.4	9.7	10.2	10.9	9.7	9.7

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.

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

(In thousands)

Category	1992				1993								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CHARACTERISTIC													
Total	117,724	117,687	118,064	118,311	118,071	118,451	118,565	118,416	119,273	119,219	119,301	119,710	119,457
Married men, spouse present	40,292	40,324	40,487	40,639	40,607	40,903	40,902	41,002	41,188	41,044	40,882	40,754	40,773
Married women, spouse present	30,108	30,030	30,244	30,403	30,298	30,515	30,669	30,171	30,401	30,329	30,261	30,555	30,431
Women who maintain families	6,639	6,626	6,585	6,548	6,555	6,615	6,792	6,942	6,826	6,780	6,823	6,887	6,891
OCCUPATION													
Managerial and professional specialty	31,174	31,289	31,529	31,485	31,874	31,907	32,272	31,682	32,056	32,149	32,361	32,509	32,540
Technical, sales, and administrative support	36,700	36,538	36,804	36,799	36,363	36,767	36,332	36,403	36,785	36,877	37,223	36,878	36,748
Service occupations	16,274	16,076	15,999	16,226	16,414	16,461	16,436	16,505	16,666	16,532	16,396	16,419	16,527
Precision production, craft, and repair	13,318	13,328	13,203	13,271	12,937	12,841	12,867	13,086	13,324	13,469	13,236	13,788	13,530
Operators, fabricators, and laborers	16,829	16,907	17,030	16,959	17,132	17,341	17,175	17,232	17,087	16,870	16,798	16,904	16,919
Farming, forestry, and fishing	3,509	3,547	3,507	3,525	3,403	3,319	3,385	3,288	3,356	3,280	3,279	3,235	3,326
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,694	1,656	1,685	1,735	1,661	1,614	1,568	1,632	1,586	1,584	1,619	1,544	1,663
Self-employed workers	1,397	1,405	1,370	1,397	1,404	1,363	1,377	1,324	1,368	1,335	1,320	1,307	1,327
Unpaid family workers	108	118	163	106	145	136	130	105	111	100	89	116	85
Nonagricultural industries:													
Wage and salary workers	105,643	105,863	105,913	105,978	105,883	106,163	106,447	106,055	106,777	106,870	106,924	107,416	107,197
Government	18,505	18,371	18,216	18,065	18,481	18,507	18,536	18,471	18,604	18,611	18,399	18,571	18,539
Private industries	87,138	87,492	87,697	87,913	87,402	87,655	87,911	87,583	88,173	88,258	88,524	88,845	88,658
Private households	1,158	1,102	1,109	1,091	1,061	1,071	1,143	1,113	1,089	1,043	1,075	1,155	1,137
Other industries	85,980	86,390	86,588	86,822	86,341	86,584	86,769	86,470	87,084	87,215	87,449	87,690	87,521
Self-employed workers	8,662	8,558	8,700	8,668	8,793	9,065	8,832	8,950	9,246	9,164	9,118	9,032	8,911
Unpaid family workers	217	189	220	221	250	226	206	234	193	148	199	249	251
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	6,362	6,434	6,493	6,349	6,113	6,461	6,194	6,458	6,580	6,322	6,489	6,531	6,498
Slack work	3,171	3,160	3,161	3,206	2,994	3,150	3,039	3,128	3,206	3,417	3,050	3,250	3,206
Could only find part-time work	2,879	2,988	3,060	2,865	2,887	2,991	2,855	3,000	3,034	2,698	3,033	2,969	2,971
Voluntary part time	14,805	14,726	14,834	14,895	14,788	14,698	14,799	14,529	15,034	15,612	15,140	15,326	15,152
Nonagricultural industries:													
Part time for economic reasons	6,096	6,151	6,230	6,063	5,887	6,242	5,965	6,238	6,268	6,176	6,255	6,287	6,251
Slack work	3,001	2,993	2,984	3,024	2,800	2,990	2,887	2,963	3,028	3,272	2,880	3,100	3,032
Could only find part-time work	2,826	2,905	2,998	2,793	2,849	2,931	2,781	2,904	2,919	2,631	2,983	2,877	2,916
Voluntary part time	14,358	14,324	14,413	14,476	14,364	14,282	14,319	14,129	14,556	15,205	14,714	14,954	14,726

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	117,724	117,687	118,064	118,311	118,071	118,451	118,565	118,416	119,273	119,219	119,301	119,710	119,457
16 to 24 years	17,603	17,488	17,606	17,690	17,547	17,659	17,622	17,517	17,791	17,684	17,798	17,690	17,678
16 to 19 years	5,458	5,417	5,423	5,491	5,401	5,506	5,431	5,405	5,580	5,469	5,630	5,610	5,608
16 to 17 years	2,083	2,024	2,028	2,093	2,074	2,146	2,059	2,020	2,212	2,050	2,156	2,194	2,201
18 to 19 years	3,384	3,401	3,384	3,399	3,335	3,381	3,375	3,380	3,361	3,389	3,429	3,408	3,434
20 to 24 years	12,145	12,071	12,183	12,199	12,146	12,152	12,191	12,112	12,211	12,215	12,168	12,080	12,070
25 years and over	100,128	100,206	100,419	100,603	100,481	100,904	100,941	100,825	101,463	101,503	101,507	102,029	101,764
25 to 54 years	85,539	85,588	85,726	85,942	85,956	86,041	86,338	86,247	88,612	86,712	86,977	87,227	87,223
55 years and over	14,607	14,598	14,729	14,643	14,599	14,872	14,642	14,620	14,741	14,792	14,581	14,840	14,570
Men, 16 years and over	63,976	63,924	64,043	64,194	64,186	64,338	64,332	64,356	64,726	64,683	64,682	64,938	64,707
16 to 24 years	9,278	9,236	9,241	9,275	9,165	9,295	9,262	9,062	9,165	9,158	9,200	9,283	9,188
16 to 19 years	2,851	2,836	2,837	2,868	2,763	2,859	2,867	2,777	2,834	2,836	2,866	2,926	2,865
16 to 17 years	1,111	1,068	1,064	1,099	1,048	1,105	1,116	1,040	1,125	1,064	1,113	1,141	1,119
18 to 19 years	1,755	1,773	1,769	1,757	1,728	1,755	1,758	1,741	1,706	1,744	1,722	1,749	1,770
20 to 24 years	6,427	6,400	6,404	6,407	6,402	6,436	6,396	6,285	6,331	6,322	6,334	6,357	6,321
25 years and over	54,694	54,690	54,808	54,918	55,002	55,114	55,031	55,220	55,544	55,503	55,505	55,655	55,530
25 to 54 years	46,455	46,478	46,495	46,624	46,775	46,733	46,803	46,980	47,197	47,185	47,349	47,385	47,344
55 years and over	8,243	8,214	8,328	8,270	8,305	8,404	8,269	8,238	8,304	8,278	8,194	8,292	8,194
Women, 16 years and over	53,748	53,763	54,021	54,117	53,885	54,114	54,233	54,060	54,547	54,535	54,618	54,772	54,750
16 to 24 years	8,325	8,252	8,365	8,415	8,382	8,364	8,360	8,456	8,626	8,526	8,598	8,407	8,491
16 to 19 years	2,607	2,581	2,586	2,623	2,638	2,647	2,564	2,628	2,746	2,633	2,764	2,684	2,743
16 to 17 years	972	956	964	994	1,026	1,041	943	980	1,087	986	1,043	1,053	1,082
18 to 19 years	1,629	1,628	1,615	1,622	1,607	1,626	1,617	1,639	1,655	1,645	1,707	1,659	1,664
20 to 24 years	5,718	5,671	5,779	5,792	5,744	5,717	5,796	5,828	5,879	5,893	5,834	5,723	5,748
25 years and over	45,434	45,516	45,611	45,685	45,479	45,790	45,910	45,605	45,919	46,000	46,002	46,374	46,233
25 to 54 years	39,084	39,110	39,231	39,318	39,181	39,308	39,535	39,267	39,415	39,527	39,628	39,842	39,879
55 years and over	6,364	6,384	6,401	6,373	6,294	6,469	6,372	6,381	6,437	6,514	6,387	6,548	6,376

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

(In thousands)

Sex and age	1992				1993								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	9,550	9,379	9,301	9,280	9,013	8,876	8,864	8,925	8,858	8,908	8,769	8,661	8,517
16 to 24 years	2,961	2,753	2,884	2,854	2,846	2,872	2,767	2,850	2,938	2,758	2,687	2,696	2,504
16 to 19 years	1,400	1,260	1,370	1,305	1,325	1,345	1,318	1,414	1,373	1,346	1,251	1,248	1,183
16 to 17 years	650	575	634	585	654	580	662	600	593	639	546	529	504
18 to 19 years	757	689	737	733	644	757	663	814	799	703	704	702	688
20 to 24 years	1,561	1,493	1,514	1,549	1,521	1,527	1,449	1,436	1,565	1,412	1,436	1,448	1,321
25 years and over	6,607	6,622	6,428	6,432	6,203	5,998	6,058	6,049	5,891	6,204	6,073	5,940	6,007
25 to 54 years	5,849	5,863	5,719	5,756	5,518	5,343	5,407	5,406	5,237	5,516	5,451	5,277	5,286
55 years and over	769	760	723	699	684	663	637	626	647	660	650	682	742
Men, 16 years and over	5,477	5,410	5,292	5,200	4,929	4,997	5,160	5,079	4,992	5,075	5,057	4,994	4,839
16 to 24 years	1,647	1,549	1,645	1,601	1,581	1,574	1,553	1,657	1,619	1,590	1,546	1,588	1,437
16 to 19 years	797	687	758	741	728	742	725	839	726	780	737	731	661
16 to 17 years	360	311	356	320	369	330	355	336	329	401	323	310	276
18 to 19 years	436	383	402	419	347	410	377	500	413	380	414	413	385
20 to 24 years	850	862	887	860	853	832	828	818	893	810	809	857	776
25 years and over	3,829	3,855	3,656	3,604	3,399	3,429	3,572	3,423	3,338	3,496	3,503	3,392	3,385
25 to 54 years	3,374	3,390	3,246	3,173	3,011	3,039	3,133	3,025	2,938	3,099	3,091	2,960	2,925
55 years and over	466	474	437	440	399	394	414	384	409	364	420	445	477
Women, 16 years and over	4,073	3,969	4,009	4,080	4,083	3,879	3,704	3,846	3,866	3,833	3,712	3,667	3,678
16 to 24 years	1,314	1,204	1,239	1,253	1,266	1,299	1,214	1,193	1,318	1,168	1,141	1,109	1,067
16 to 19 years	603	573	612	564	597	603	593	575	647	566	514	517	522
16 to 17 years	290	264	278	265	285	250	307	264	264	238	229	219	228
18 to 19 years	321	306	335	314	297	347	286	314	386	323	290	289	303
20 to 24 years	711	631	627	689	669	696	621	618	671	602	627	592	545
25 years and over	2,778	2,767	2,772	2,828	2,804	2,569	2,485	2,626	2,553	2,708	2,570	2,548	2,622
25 to 54 years	2,475	2,473	2,473	2,583	2,507	2,304	2,274	2,381	2,300	2,417	2,361	2,317	2,361
55 years and over	303	286	286	259	285	269	222	242	238	296	237	237	265

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

(Civilian workers)

Sex and age	1992				1993								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	7.5	7.4	7.3	7.3	7.1	7.0	7.0	7.0	6.9	7.0	6.8	6.7	6.7
16 to 24 years	14.4	13.6	14.1	13.9	14.0	14.0	13.6	14.0	14.2	13.5	13.1	13.2	12.4
16 to 19 years	20.4	18.9	20.2	19.2	19.7	19.6	19.5	20.7	19.7	19.8	18.2	18.2	17.4
16 to 17 years	23.8	22.1	23.8	21.8	24.0	21.3	24.3	22.9	21.1	23.8	20.2	19.4	18.6
18 to 19 years	18.3	16.8	17.9	17.8	16.2	18.3	16.4	19.4	19.2	17.2	17.0	17.1	16.7
20 to 24 years	11.4	11.0	11.1	11.3	11.1	11.2	10.6	10.6	11.4	10.4	10.6	10.7	9.9
25 years and over	6.2	6.2	6.0	6.0	5.8	5.6	5.7	5.7	5.5	5.8	5.6	5.5	5.6
25 to 54 years	6.4	6.4	6.3	6.3	6.0	5.8	5.9	5.9	5.7	6.0	5.9	5.7	5.7
55 years and over	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.2	4.3	4.3	4.4	4.8
Men, 16 years and over	7.9	7.8	7.6	7.5	7.1	7.2	7.4	7.3	7.2	7.3	7.3	7.1	7.0
16 to 24 years	15.1	14.4	15.1	14.7	14.7	14.5	14.4	15.5	15.0	14.8	14.4	14.6	13.5
16 to 19 years	21.8	19.5	21.1	20.5	20.9	20.6	20.2	23.2	20.4	21.6	20.5	20.0	18.7
16 to 17 years	24.5	22.6	25.1	22.6	26.0	23.0	24.1	24.4	22.6	27.4	22.5	21.4	19.8
18 to 19 years	19.9	17.8	18.5	19.3	16.7	18.9	17.7	22.3	19.5	17.9	19.4	19.1	17.9
20 to 24 years	11.7	11.9	12.2	11.8	11.8	11.4	11.5	11.5	12.4	11.4	11.3	11.9	10.9
25 years and over	6.5	6.6	6.3	6.2	5.8	5.9	6.1	5.8	5.7	5.9	5.9	5.7	5.7
25 to 54 years	6.8	6.8	6.5	6.4	6.0	6.1	6.3	6.0	5.9	6.2	6.1	5.9	5.8
55 years and over	5.4	5.5	5.0	5.1	4.6	4.5	4.8	4.5	4.7	4.2	4.9	5.1	5.5
Women, 16 years and over	7.0	6.9	6.9	7.0	7.0	6.7	6.4	6.6	6.6	6.6	6.4	6.3	6.3
16 to 24 years	13.6	12.7	12.9	13.0	13.1	13.4	12.7	12.4	13.3	12.0	11.7	11.7	11.2
16 to 19 years	18.8	18.2	19.1	17.7	18.5	18.6	18.8	18.0	19.1	17.7	15.7	16.2	16.0
16 to 17 years	23.0	21.6	22.4	21.0	21.7	19.4	24.6	21.2	19.5	19.4	17.6	17.2	17.4
18 to 19 years	16.5	15.8	17.2	16.2	15.6	17.6	15.0	16.1	18.9	16.4	14.5	14.8	15.4
20 to 24 years	11.1	10.0	9.8	10.6	10.4	10.8	9.7	9.6	10.2	9.3	9.7	9.4	8.7
25 years and over	5.8	5.7	5.7	5.8	5.8	5.3	5.1	5.4	5.3	5.6	5.3	5.2	5.4
25 to 54 years	6.0	5.9	5.9	6.2	6.0	5.5	5.4	5.7	5.5	5.8	5.6	5.5	5.6
55 years and over	4.5	4.3	4.3	3.9	4.3	4.0	3.4	3.7	3.6	4.3	3.6	3.5	4.0

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1992				1993								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CHARACTERISTIC													
Total (all civilian workers)	7.5	7.4	7.3	7.3	7.1	7.0	7.0	7.0	6.9	7.0	6.8	6.7	6.7
Men, 20 years and over	7.1	7.2	6.9	6.8	6.4	6.5	6.7	6.4	6.4	6.5	6.5	6.4	6.3
Women, 20 years and over	6.4	6.2	6.2	6.4	6.4	6.0	5.7	6.0	5.9	5.9	5.8	5.7	5.7
Both sexes, 16 to 19 years	20.4	18.9	20.2	19.2	19.7	19.6	19.5	20.7	19.7	19.8	18.2	18.2	17.4
White	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.0	6.0	6.1	6.0	5.9	5.8
Black and other	12.6	12.5	12.6	12.8	12.9	12.0	12.0	12.5	11.7	12.0	11.7	11.6	11.5
Black	13.9	14.1	14.0	14.2	14.2	13.1	13.5	13.8	12.9	13.3	12.9	12.5	12.6
Hispanic origin	11.6	11.7	12.0	11.7	11.6	11.4	11.4	10.4	9.7	10.2	10.9	9.7	9.7
Married men, spouse present	5.2	5.1	4.9	4.8	4.5	4.5	4.7	4.5	4.5	4.4	4.6	4.4	4.2
Married women, spouse present	5.0	5.1	5.0	5.0	4.9	4.4	4.3	4.8	4.5	4.7	4.7	4.4	4.6
Women who maintain families	9.1	9.3	10.4	10.3	10.6	10.2	9.0	9.6	9.9	9.8	9.8	8.7	8.7
Full-time workers	7.2	7.1	7.0	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.7	6.5	6.4
Part-time workers	9.5	9.2	9.2	9.7	9.3	9.1	8.9	9.7	8.4	8.9	8.3	8.4	8.6
Unemployed 15 weeks and over ¹	2.8	2.8	2.7	2.8	2.6	2.5	2.4	2.3	2.3	2.2	2.4	2.4	2.4
Labor force time lost ²	8.3	8.3	8.3	8.1	7.9	7.9	7.9	7.8	7.9	7.8	7.8	7.7	7.6
OCCUPATION³													
Managerial and professional specialty	3.2	3.2	3.1	3.2	3.3	3.5	3.1	3.0	3.1	2.8	2.6	2.7	2.7
Technical, sales, and administrative support	5.9	6.0	5.7	5.8	5.5	5.2	5.1	5.4	5.3	5.7	5.3	5.4	5.3
Precision production, craft, and repair	8.6	8.6	8.6	8.8	7.9	7.8	8.4	8.7	8.0	8.3	8.7	7.3	7.5
Operators, fabricators, and laborers	11.1	11.0	10.6	10.0	9.8	9.9	10.3	9.7	9.9	10.1	10.2	10.6	10.4
Farming, forestry, and fishing	8.9	7.9	8.8	8.7	8.5	9.0	8.3	8.6	7.4	7.7	8.2	7.2	7.6
INDUSTRY													
Nonagricultural private wage and salary workers	7.8	7.8	7.5	7.5	7.3	7.2	7.2	7.2	7.2	7.2	7.1	7.0	7.0
Goods-producing industries	10.1	9.9	9.3	9.0	8.8	8.6	9.0	8.9	9.0	9.2	9.4	9.1	8.9
Mining	7.2	8.3	5.3	5.5	7.8	7.1	5.5	8.6	10.9	7.1	5.9	7.4	8.0
Construction	17.4	16.1	14.5	15.7	14.3	13.7	15.3	14.5	15.4	15.5	16.8	15.1	14.2
Manufacturing	8.1	8.2	8.0	7.2	7.3	7.2	7.3	7.2	7.1	7.4	7.4	7.4	7.4
Durable goods	8.4	8.9	8.5	7.5	7.3	6.9	7.0	7.2	7.0	7.6	6.9	7.3	7.5
Nondurable goods	7.7	7.3	7.3	6.9	7.2	7.5	7.6	7.3	7.3	7.1	8.0	7.5	7.3
Service-producing industries	6.9	7.0	6.7	6.9	6.7	6.6	6.4	6.6	6.4	6.4	6.1	6.1	6.2
Transportation and public utilities	5.7	5.8	6.1	5.6	4.9	4.6	4.9	5.0	5.5	4.3	4.8	5.5	5.4
Wholesale and retail trade	8.5	8.1	7.9	8.0	7.9	7.8	7.9	8.3	8.2	7.9	7.4	7.5	7.4
Finance and service industries	6.0	6.4	6.1	6.5	6.3	6.1	5.7	5.7	5.4	5.8	5.5	5.4	5.6
Government workers	3.4	3.0	3.8	3.6	3.6	3.6	3.6	3.4	3.1	3.5	3.5	3.3	2.8
Agricultural wage and salary workers	14.3	12.5	13.5	12.2	11.6	13.1	12.1	11.2	10.4	11.9	11.8	12.5	9.7

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

(Numbers in thousands)

Weeks of unemployment	1992				1993								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
DURATION													
Less than 5 weeks	3,281	3,192	3,120	3,042	3,272	3,232	3,102	3,355	3,315	3,282	3,268	2,994	3,021
5 to 14 weeks	2,847	2,666	2,835	2,688	2,481	2,487	2,566	2,496	2,482	2,789	2,539	2,659	2,449
15 weeks and over	3,522	3,564	3,446	3,605	3,317	3,143	3,073	2,926	3,004	2,849	3,037	3,032	3,113
15 to 26 weeks	1,427	1,475	1,438	1,540	1,407	1,236	1,259	1,276	1,261	1,146	1,291	1,293	1,368
27 weeks and over	2,095	2,089	2,008	2,065	1,910	1,907	1,814	1,650	1,743	1,703	1,747	1,739	1,745
Average (mean) duration, in weeks	18.5	19.2	18.4	19.2	18.7	18.3	17.5	17.4	17.6	17.6	17.9	18.3	18.5
Median duration, in weeks	9.3	9.3	9.4	9.4	8.5	8.2	8.3	8.5	8.1	8.1	8.2	8.4	9.1
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	34.0	33.9	33.2	32.6	36.1	36.5	35.5	38.2	37.7	36.8	37.0	34.5	35.2
5 to 14 weeks	29.5	28.3	30.2	28.8	27.4	28.1	29.4	28.4	28.2	31.3	28.7	30.6	28.5
15 weeks and over	36.5	37.8	36.7	38.6	36.6	35.5	35.2	33.3	34.1	31.9	34.3	34.9	36.3
15 to 26 weeks	14.8	15.7	15.3	16.5	15.5	13.9	14.4	14.5	14.3	12.9	14.6	14.9	15.9
27 weeks and over	21.7	22.2	21.4	22.1	21.1	21.5	20.7	18.8	19.8	19.1	19.7	20.0	20.3

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

(Numbers in thousands)

Reasons for unemployment	1992				1993								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
NUMBER OF UNEMPLOYED													
Job losers	5,438	5,492	5,207	5,138	4,847	4,648	4,812	4,821	4,690	4,860	4,954	4,943	4,726
On layoff	1,335	1,265	1,195	1,204	1,029	1,049	1,076	1,036	1,155	1,144	1,214	1,229	1,104
Other job losers	4,103	4,227	4,012	3,934	3,818	3,599	3,735	3,785	3,536	3,716	3,740	3,713	3,622
Job leavers	963	913	977	972	821	1,046	1,096	1,007	967	945	906	831	922
Reentrants	2,274	2,206	2,194	2,237	2,346	2,299	2,047	2,172	2,294	2,223	2,113	2,066	2,062
New entrants	944	784	930	930	960	887	930	940	906	866	864	825	842
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	56.5	58.5	55.9	55.4	54.0	52.3	54.2	53.9	52.9	54.6	56.1	57.0	55.3
On layoff	13.9	13.5	12.8	13.0	11.5	11.8	12.1	11.6	13.0	12.9	13.7	14.2	12.9
Other job losers	42.7	45.0	43.1	42.4	42.5	40.5	42.0	42.3	39.9	41.8	42.3	42.9	42.4
Job leavers	10.0	9.7	10.5	10.5	9.1	11.8	12.3	11.3	10.9	10.6	10.2	9.6	10.8
Reentrants	23.6	23.5	23.6	24.1	26.1	25.9	23.0	24.3	25.9	25.0	23.9	23.8	24.1
New entrants	9.8	8.3	10.0	10.0	10.7	10.0	10.5	10.5	10.2	9.7	9.8	9.5	9.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.3	4.3	4.1	4.0	3.8	3.7	3.8	3.8	3.7	3.8	3.9	3.9	3.7
Job leavers .....	.8	.7	.8	.8	.6	.8	.9	.8	.8	.7	.7	.6	.7
Reentrants	1.8	1.7	1.7	1.8	1.8	1.8	1.6	1.7	1.8	1.7	1.7	1.6	1.6
New entrants .....	.7	.6	.7	.7	.8	.7	.7	.7	.7	.7	.7	.6	.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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
TOTAL													
Noninstitutional population ¹	189,889	190,297	190,671	190,996	191,593	192,056	192,478	192,884	193,353	193,852	194,304	194,773	195,277
Labor force ¹	126,410	126,639	126,551	126,863	126,834	127,279	127,843	128,600	128,909	128,874	128,788	129,351	129,617
Percent of population ²	66.6	66.5	66.4	66.4	66.2	66.3	66.4	66.7	66.7	66.5	66.3	66.4	66.4
Total employed ¹	119,461	119,144	118,421	118,430	118,395	118,496	118,677	119,110	119,309	119,554	119,870	120,453	120,967
Employment-population ratio 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	61.9
Resident Armed Forces	1,623	1,601	1,559	1,473	1,615	1,608	1,590	1,574	1,567	1,533	1,508	1,484	1,478
Civilian employed	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362	118,969	119,489
Agriculture	3,137	3,211	3,175	3,244	3,262	3,226	3,184	3,212	3,215	3,213	3,130	3,051	3,038
Nonagricultural industries	114,701	114,332	113,687	113,713	113,519	113,662	113,903	114,324	114,527	114,807	115,232	115,918	116,451
Unemployed	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320	8,917	8,897	8,649
Unemployment rate ⁴	5.5	5.9	6.4	6.6	6.7	6.9	7.2	7.4	7.4	7.2	6.9	6.9	6.7
Not in labor force	63,479	63,658	64,120	64,133	64,759	64,778	64,634	64,283	64,443	64,978	65,516	65,422	65,661
Men													
Noninstitutional population ¹	91,226	91,425	91,609	91,737	92,103	92,355	92,585	92,807	93,059	93,328	93,566	93,812	94,077
Labor force ¹	69,626	69,915	69,710	69,758	69,872	69,931	70,160	70,676	70,808	70,730	70,666	70,967	71,062
Percent of population ²	76.3	76.5	76.1	76.0	75.9	75.7	75.8	76.2	76.1	75.8	75.5	75.6	75.5
Total employed ¹	65,773	65,684	65,078	64,922	64,970	64,966	64,874	65,200	65,310	65,429	65,637	65,919	66,099
Employment-population ratio ³	72.1	71.8	71.0	70.8	70.5	70.3	70.1	70.3	70.2	70.1	70.2	70.3	70.3
Resident Armed Forces	1,459	1,440	1,402	1,319	1,441	1,434	1,419	1,414	1,408	1,376	1,352	1,330	1,323
Civilian employed	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054	64,285	64,588	64,776
Unemployed	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301	5,029	5,049	4,963
Unemployment rate ⁴	5.5	6.1	6.6	6.9	7.0	7.1	7.5	7.7	7.8	7.5	7.1	7.1	7.0
Not in labor force	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598	22,900	22,845	23,015
Women													
Noninstitutional population ¹	98,663	98,872	99,062	99,259	99,490	99,701	99,893	100,077	100,294	100,525	100,738	100,961	101,200
Labor force ¹	56,783	56,723	56,842	57,105	56,962	57,348	57,683	57,924	58,102	58,144	58,122	58,383	58,554
Percent of population ²	57.6	57.4	57.4	57.5	57.3	57.5	57.7	57.9	57.9	57.8	57.7	57.8	57.9
Total employed ¹	53,687	53,459	53,343	53,508	53,425	53,530	53,803	53,910	53,999	54,125	54,233	54,535	54,869
Employment-population ratio ³	54.4	54.1	53.8	53.9	53.7	53.7	53.9	53.9	53.8	53.8	53.8	54.0	54.2
Resident Armed Forces	163	160	157	154	174	173	170	160	159	158	156	154	155
Civilian employed	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967	54,077	54,381	54,714
Unemployed	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019	3,889	3,848	3,686
Unemployment rate ⁴	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9	6.7	6.6	6.3
Not in labor force	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381	42,616	42,578	42,646

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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
TOTAL													
Civilian noninstitutional population ¹	188,266	188,696	189,112	189,523	189,978	190,449	190,888	191,310	191,786	192,319	192,796	193,288	193,799
Civilian labor force	124,787	125,038	124,992	125,390	125,219	125,671	126,254	127,027	127,343	127,341	127,280	127,866	128,138
Percent of population	66.3	66.3	66.1	66.2	65.9	66.0	66.1	66.4	66.4	66.2	66.0	66.2	66.1
Employed	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362	118,969	119,489
Employment-population ratio ²	62.6	62.3	61.8	61.7	61.5	61.4	61.3	61.4	61.4	61.4	61.4	61.6	61.7
Unemployed	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320	8,917	8,897	8,649
Unemployment rate	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7
Men, 16 years and over													
Civilian noninstitutional population ¹	89,767	89,985	90,207	90,418	90,662	90,921	91,165	91,393	91,652	91,952	92,214	92,482	92,754
Civilian labor force	68,167	68,475	68,308	68,438	68,432	68,497	68,741	69,262	69,400	69,354	69,314	69,637	69,739
Percent of population	75.9	76.1	75.7	75.7	75.5	75.3	75.4	75.8	75.7	75.4	75.2	75.3	75.2
Employed	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054	64,285	64,588	64,776
Employment-population ratio ²	71.6	71.4	70.6	70.3	70.1	69.9	69.6	69.8	69.7	69.7	69.7	69.8	69.8
Agriculture	2,473	2,536	2,503	2,577	2,573	2,530	2,484	2,528	2,555	2,561	2,496	2,436	2,388
Nonagricultural industries	61,841	61,708	61,173	61,025	60,957	61,002	60,971	61,258	61,347	61,492	61,789	62,152	62,388
Unemployed	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301	5,029	5,049	4,963
Unemployment rate	5.7	6.2	6.8	7.1	7.2	7.2	7.7	7.9	7.9	7.6	7.3	7.3	7.1
Not in labor force	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598	22,900	22,845	23,015
Men, 20 years and over													
Civilian noninstitutional population ¹	82,864	83,105	83,376	83,650	83,943	84,254	84,535	84,756	85,010	85,262	85,554	85,806	86,009
Civilian labor force	64,404	64,699	64,601	64,823	64,907	65,004	65,239	65,743	65,815	65,779	65,753	66,040	66,143
Percent of population	77.7	77.9	77.5	77.5	77.3	77.2	77.2	77.6	77.4	77.1	76.9	77.0	76.9
Employed	61,183	61,138	60,668	60,718	60,704	60,746	60,704	61,049	61,100	61,207	61,456	61,773	61,890
Employment-population ratio 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	72.0
Agriculture	2,267	2,325	2,305	2,371	2,380	2,366	2,329	2,361	2,368	2,358	2,295	2,241	2,220
Nonagricultural industries	58,915	58,813	58,363	58,346	58,325	58,380	58,376	58,688	58,732	58,848	59,160	59,532	59,669
Unemployed	3,222	3,561	3,932	4,105	4,203	4,258	4,535	4,694	4,715	4,572	4,297	4,267	4,254
Unemployment rate	5.0	5.5	6.1	6.3	6.5	6.6	7.0	7.1	7.2	7.0	6.5	6.5	6.4
Not in labor force	18,460	18,406	18,775	18,827	19,036	19,250	19,296	19,013	19,195	19,483	19,801	19,766	19,866
Women, 16 years and over													
Civilian noninstitutional population ¹	98,499	98,711	98,905	99,106	99,316	99,528	99,723	99,917	100,135	100,367	100,582	100,807	101,045
Civilian labor force	56,620	56,563	56,685	56,952	56,788	57,174	57,513	57,764	57,943	57,986	57,966	58,229	58,399
Percent of population	57.5	57.3	57.3	57.5	57.2	57.4	57.7	57.8	57.9	57.8	57.6	57.8	57.8
Employed	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967	54,077	54,381	54,714
Employment-population ratio ²	54.3	54.0	53.8	53.8	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.9	54.1
Agriculture	665	675	671	666	689	696	700	684	660	652	634	615	650
Nonagricultural industries	52,860	52,624	52,515	52,688	52,562	52,660	52,932	53,066	53,179	53,315	53,443	53,766	54,063
Unemployed	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019	3,889	3,848	3,686
Unemployment rate	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9	6.7	6.6	6.3
Not in labor force	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381	42,616	42,578	42,646
Women, 20 years and over													
Civilian noninstitutional population ¹	91,678	91,954	92,203	92,453	92,724	92,955	93,196	93,405	93,633	93,860	94,081	94,264	94,497
Civilian labor force	53,139	53,160	53,245	53,578	53,593	53,870	54,280	54,561	54,739	54,807	54,751	54,964	55,151
Percent of population	58.0	57.8	57.7	58.0	57.8	58.0	58.2	58.4	58.5	58.4	58.2	58.3	58.4
Employed	50,554	50,433	50,337	50,545	50,622	50,654	50,976	51,158	51,232	51,370	51,460	51,712	51,983
Employment-population ratio ²	55.1	54.8	54.6	54.7	54.6	54.5	54.7	54.8	54.7	54.7	54.7	54.9	55.0
Agriculture	622	635	638	625	649	662	656	644	610	604	593	587	611
Nonagricultural industries	49,932	49,798	49,699	49,921	49,973	49,992	50,320	50,514	50,622	50,766	50,868	51,125	51,372
Unemployed	2,586	2,727	2,909	3,032	2,971	3,216	3,304	3,404	3,508	3,436	3,291	3,252	3,168
Unemployment rate	4.9	5.1	5.5	5.7	5.5	6.0	6.1	6.2	6.4	6.3	6.0	5.9	5.7
Not in labor force	38,539	38,794	38,958	38,875	39,131	39,085	38,916	38,844	38,894	39,053	39,330	39,300	39,346
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,724	13,637	13,532	13,420	13,312	13,239	13,157	13,149	13,144	13,196	13,160	13,218	13,293
Civilian labor force	7,243	7,179	7,146	6,989	6,720	6,797	6,734	6,722	6,789	6,755	6,776	6,862	6,843
Percent of population	52.8	52.6	52.8	52.1	50.5	51.3	51.2	51.1	51.7	51.2	51.5	51.9	51.5
Employed	6,102	5,973	5,857	5,694	5,454	5,488	5,407	5,329	5,411	5,444	5,446	5,485	5,616
Employment-population ratio ²	44.5	43.8	43.3	42.4	41.0	41.5	41.1	40.5	41.2	41.3	41.4	41.5	42.2
Agriculture	248	252	232	248	233	198	200	207	237	251	242	224	207
Nonagricultural industries	5,854	5,721	5,625	5,446	5,221	5,291	5,207	5,122	5,173	5,193	5,204	5,261	5,409
Unemployed	1,141	1,206	1,289	1,296	1,266	1,309	1,327	1,393	1,378	1,312	1,329	1,378	1,227
Unemployment rate	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4	19.6	20.1	17.9
Not in labor force	6,481	6,458	6,386	6,431	6,592	6,442	6,423	6,427	6,355	6,441	6,385	6,356	6,450

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
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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
WHITE													
Civilian noninstitutional population ¹	160,553	160,830	161,095	161,357	161,646	161,947	162,223	162,486	162,788	163,135	163,438	163,751	164,078
Civilian labor force	107,275	107,273	107,306	107,593	107,393	107,717	108,156	108,545	108,699	108,717	108,827	109,116	109,481
Percent of population	66.8	66.7	66.6	66.7	66.4	66.5	66.7	66.8	66.8	66.6	66.6	66.6	66.7
Employed	102,177	101,744	101,085	101,146	100,911	101,012	101,199	101,439	101,498	101,772	102,145	102,498	102,997
Employment-population ratio ²	63.6	63.3	62.7	62.7	62.4	62.4	62.4	62.4	62.3	62.4	62.5	62.6	62.8
Unemployed	5,098	5,529	6,222	6,447	6,482	6,705	6,957	7,106	7,201	6,945	6,682	6,619	6,484
Unemployment rate	4.8	5.2	5.8	6.0	6.0	6.2	6.4	6.5	6.6	6.4	6.1	6.1	5.9
Men, 20 years and over													
Civilian labor force	55,981	56,166	56,090	56,251	56,309	56,341	56,553	56,881	56,918	56,902	56,969	57,047	57,126
Percent of population	78.2	78.2	77.9	77.9	77.8	77.6	77.7	78.0	77.8	77.6	77.5	77.5	77.4
Employed	53,598	53,486	52,986	53,053	52,980	52,991	53,015	53,252	53,296	53,406	53,640	53,807	53,876
Employment-population ratio ²	74.9	74.5	73.6	73.5	73.2	73.0	72.9	73.0	72.9	72.9	73.0	73.1	73.0
Unemployed	2,384	2,680	3,104	3,198	3,329	3,350	3,538	3,630	3,622	3,496	3,329	3,240	3,250
Unemployment rate	4.3	4.8	5.5	5.7	5.9	5.9	6.3	6.4	6.4	6.1	5.8	5.7	5.7
Women, 20 years and over													
Civilian labor force	45,027	44,941	45,065	45,319	45,280	45,492	45,824	45,947	46,035	46,080	46,080	46,262	46,521
Percent of population	57.8	57.5	57.6	57.8	57.6	57.7	58.1	58.1	58.1	58.1	58.0	58.1	58.4
Employed	43,174	42,972	42,910	43,068	43,080	43,136	43,401	43,483	43,450	43,564	43,683	43,856	44,199
Employment-population ratio ²	55.4	55.0	54.8	54.9	54.8	54.8	55.0	55.0	54.9	54.9	55.0	55.1	55.5
Unemployed	1,853	1,969	2,156	2,251	2,200	2,356	2,424	2,464	2,585	2,516	2,398	2,406	2,323
Unemployment rate	4.1	4.4	4.8	5.0	4.9	5.2	5.3	5.4	5.6	5.5	5.2	5.2	5.0
Both sexes, 16 to 19 years													
Civilian labor force	6,266	6,166	6,151	6,023	5,804	5,884	5,779	5,717	5,745	5,736	5,778	5,808	5,834
Percent of population	56.8	56.4	56.8	56.2	54.5	55.5	54.8	54.5	54.8	54.6	54.9	55.0	55.1
Employed	5,405	5,287	5,189	5,026	4,851	4,885	4,783	4,704	4,751	4,802	4,822	4,835	4,922
Employment-population ratio ²	49.0	48.3	48.0	46.9	45.6	46.1	45.4	44.8	45.4	45.7	45.8	45.8	46.5
Unemployed	861	879	962	997	953	999	995	1,012	994	933	956	972	911
Unemployment rate	13.7	14.3	15.6	16.6	16.4	17.0	17.2	17.7	17.3	16.3	16.5	16.7	15.6
Men	14.8	15.5	16.8	18.1	17.4	17.8	18.8	19.2	18.7	16.9	17.5	18.4	17.3
Women	12.5	12.9	14.4	14.9	15.3	16.1	15.5	16.1	15.7	15.5	15.5	14.9	13.8
BLACK													
Civilian noninstitutional population ¹	21,339	21,416	21,493	21,568	21,656	21,744	21,828	21,909	21,997	22,096	22,186	22,281	22,376
Civilian labor force	13,412	13,535	13,536	13,547	13,542	13,545	13,729	13,875	14,027	13,926	13,891	13,916	13,952
Percent of population	62.9	63.2	63.0	62.8	62.5	62.3	62.9	63.3	63.8	63.0	62.6	62.5	62.3
Employed	11,837	11,876	11,898	11,854	11,887	11,813	11,831	11,895	12,037	11,964	12,000	12,061	12,188
Employment-population ratio ²	55.5	55.5	55.4	55.0	54.9	54.3	54.2	54.3	54.7	54.1	54.1	54.1	54.5
Unemployed	1,575	1,659	1,637	1,693	1,655	1,732	1,898	1,980	1,991	1,962	1,891	1,855	1,764
Unemployment rate	11.7	12.3	12.1	12.5	12.2	12.8	13.8	14.3	14.2	14.1	13.6	13.3	12.6
Men, 20 years and over													
Civilian labor force	6,295	6,349	6,372	6,341	6,364	6,377	6,433	6,474	6,503	6,477	6,504	6,464	6,536
Percent of population	73.8	74.2	74.0	73.4	73.2	72.9	73.2	73.3	73.3	72.6	72.5	71.7	72.2
Employed	5,601	5,619	5,660	5,579	5,635	5,650	5,567	5,607	5,619	5,613	5,680	5,655	5,749
Employment-population ratio ²	65.7	65.7	65.7	64.6	64.8	64.6	63.3	63.5	63.3	62.9	63.3	62.8	63.5
Unemployed	694	729	713	762	729	727	866	867	885	863	824	809	787
Unemployment rate	11.0	11.5	11.2	12.0	11.4	11.4	13.5	13.4	13.6	13.3	12.7	12.5	12.0
Women, 20 years and over													
Civilian labor force	6,326	6,364	6,378	6,455	6,456	6,446	6,512	6,625	6,716	6,669	6,601	6,651	6,631
Percent of population	59.3	59.4	59.2	59.7	59.4	59.1	59.4	60.2	60.8	60.1	59.3	59.5	59.1
Employed	5,700	5,720	5,740	5,783	5,798	5,708	5,769	5,830	5,933	5,891	5,850	5,948	5,922
Employment-population ratio ²	53.4	53.4	53.3	53.5	53.4	52.3	52.7	53.0	53.7	53.1	52.5	53.2	52.8
Unemployed	625	644	639	672	658	738	742	794	783	778	751	703	709
Unemployment rate	9.9	10.1	10.0	10.4	10.2	11.4	11.4	12.0	11.7	11.7	11.4	10.6	10.7

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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	792	822	785	751	722	722	784	776	808	780	786	801	785
Percent of population	37.0	38.4	37.2	35.5	34.5	34.7	37.7	37.5	39.0	37.5	37.7	38.3	37.3
Employed	536	536	499	492	453	455	494	458	485	460	470	458	516
Employment-population ratio ²	25.1	25.1	23.6	23.3	21.7	21.8	23.8	22.1	23.4	22.1	22.6	21.9	24.5
Unemployed	255	286	286	259	269	267	290	319	323	320	316	343	269
Unemployment rate	32.3	34.8	36.4	34.5	37.2	37.0	37.0	41.0	40.0	41.0	40.2	42.8	34.3
Men	33.8	34.7	36.5	35.9	37.0	36.7	37.7	43.8	43.1	43.7	40.6	41.9	36.6
Women	30.5	34.8	36.4	32.9	37.4	37.3	36.1	38.1	36.6	37.9	39.6	44.0	31.6
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	14,356	14,474	14,593	14,711	14,829	14,948	15,066	15,184	15,303	15,421	15,542	15,682	15,824
Civilian labor force	9,644	9,575	9,636	9,708	9,818	9,902	10,030	10,083	10,160	10,257	10,282	10,232	10,355
Percent of population	67.2	66.2	66.0	66.0	66.2	66.2	66.6	66.4	66.4	66.5	66.2	65.2	65.4
Employed	8,866	8,720	8,722	8,782	8,824	8,873	8,899	8,955	8,984	9,049	9,106	9,197	9,309
Employment-population ratio ²	61.8	60.2	59.8	59.7	59.5	59.4	59.1	59.0	58.7	58.7	58.6	58.6	58.8
Unemployed	778	855	913	926	994	1,028	1,131	1,128	1,176	1,209	1,177	1,035	1,046
Unemployment rate	8.1	8.9	9.5	9.5	10.1	10.4	11.3	11.2	11.6	11.8	11.4	10.1	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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
EMPLOYED													
Full-time workers	97,936	97,630	96,810	96,634	96,505	96,363	96,640	97,108	97,042	97,281	97,741	98,134	98,546
Men, 16 years and over	57,906	57,800	57,203	56,993	56,792	56,748	56,699	57,022	56,836	57,027	57,371	57,458	57,708
Men, 20 years and over	56,610	56,512	55,993	55,906	55,806	55,698	55,607	56,025	55,874	55,996	56,291	56,462	56,668
Women, 16 years and over	40,046	39,844	39,648	39,635	39,600	39,687	40,044	40,065	40,104	40,313	40,463	40,660	40,780
Women, 20 years and over	39,083	38,947	38,819	38,791	38,877	38,942	39,304	39,363	39,397	39,578	39,761	39,894	40,036
Both sexes, 16 to 19 years	2,243	2,171	1,999	1,937	1,821	1,723	1,729	1,720	1,771	1,707	1,689	1,778	1,841
Part-time workers	19,873	19,893	20,051	20,315	20,402	20,439	20,386	20,439	20,826	20,645	20,569	20,830	21,029
Men, 16 years and over	6,411	6,436	6,499	6,602	6,733	6,786	6,797	6,760	7,049	7,019	6,949	7,104	7,072
Men, 20 years and over	4,563	4,611	4,689	4,823	4,914	5,023	5,088	5,040	5,255	5,187	5,156	5,308	5,258
Women, 16 years and over	13,482	13,452	13,539	13,715	13,666	13,660	13,588	13,680	13,751	13,638	13,624	13,720	13,940
Women, 20 years and over	11,462	11,483	11,532	11,748	11,743	11,700	11,691	11,794	11,824	11,778	11,745	11,820	11,907
Both sexes, 16 to 19 years	3,849	3,798	3,830	3,743	3,745	3,715	3,607	3,605	3,747	3,679	3,669	3,702	3,864
UNEMPLOYED													
Looking for full-time work	5,601	6,163	6,683	6,890	6,983	7,244	7,585	7,827	7,960	7,643	7,289	7,244	7,155
Men, 16 years and over	3,317	3,683	4,104	4,191	4,249	4,321	4,785	4,774	4,708	4,543	4,473	4,330	4,285
Men, 20 years and over	2,980	3,340	3,694	3,841	3,929	3,986	4,265	4,413	4,430	4,283	4,030	3,982	3,978
Women, 16 years and over	2,297	2,479	2,649	2,686	2,689	2,859	2,963	3,033	3,193	2,999	2,933	2,905	2,852
Women, 20 years and over	2,069	2,233	2,361	2,449	2,419	2,637	2,721	2,759	2,901	2,788	2,674	2,643	2,593
Both sexes, 16 to 19 years	551	590	628	600	635	620	600	655	629	572	584	618	583
Looking for part-time work	1,384	1,328	1,444	1,518	1,485	1,541	1,577	1,626	1,674	1,683	1,627	1,619	1,530
Men, 16 years and over	568	556	590	615	607	614	656	661	708	699	659	688	642
Men, 20 years and over	249	221	241	255	278	272	273	265	291	288	272	272	273
Women, 16 years and over	809	773	853	894	878	929	930	953	969	979	974	919	889
Women, 20 years and over	526	494	553	570	560	581	587	627	618	655	621	590	595
Both sexes, 16 to 19 years	608	613	650	693	647	687	716	735	765	739	733	756	662

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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
CHARACTERISTIC													
Total	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362	118,969	119,489
Married men, spouse present	40,689	40,722	40,456	40,392	40,486	40,351	40,071	40,357	40,287	40,483	40,804	41,078	40,803
Married women, spouse present	29,782	29,763	29,660	29,728	29,857	29,849	29,952	30,172	30,196	30,226	30,494	30,300	30,416
Women who maintain families	6,358	6,357	6,420	6,422	6,494	6,493	6,563	6,564	6,615	6,586	6,654	6,849	6,867
OCCUPATION													
Managerial and professional specialty	30,793	30,691	30,857	30,915	30,974	31,295	31,019	31,026	31,122	31,434	32,018	31,962	32,470
Technical, sales, and administrative support	36,428	36,488	36,200	36,154	36,024	36,006	36,750	36,939	36,852	36,714	36,487	36,688	36,950
Service occupations	15,874	15,861	15,841	15,944	16,062	16,086	16,108	16,076	16,099	16,100	16,437	16,568	16,447
Precision production, craft, and repair	13,607	13,460	13,359	13,224	13,042	13,022	12,863	13,082	13,283	13,267	12,882	13,293	13,518
Operators, fabricators, and laborers	17,747	17,649	17,209	17,161	17,243	17,057	16,967	16,960	16,928	16,965	17,216	17,063	16,874
Farming, forestry, and fishing	3,411	3,394	3,438	3,494	3,469	3,420	3,420	3,394	3,483	3,526	3,369	3,308	3,280
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,697	1,697	1,614	1,692	1,696	1,670	1,676	1,710	1,701	1,692	1,614	1,601	1,609
Self-employed workers	1,339	1,404	1,419	1,440	1,457	1,452	1,415	1,387	1,402	1,391	1,381	1,343	1,318
Unpaid family workers	103	106	146	110	114	112	103	110	107	129	137	105	97
Nonagricultural industries:													
Wage and salary workers	105,730	105,213	104,651	104,478	104,451	104,516	105,092	105,498	105,653	105,918	106,164	106,567	107,179
Government	17,660	17,648	17,840	17,968	17,866	17,918	17,801	17,939	18,386	18,217	18,508	18,562	18,503
Private industries	88,070	87,565	86,811	86,509	86,585	86,598	87,291	87,559	87,267	87,701	87,656	88,005	88,676
Private households	1,007	1,013	980	971	1,034	981	1,075	1,109	1,169	1,101	1,091	1,082	1,123
Other industries	87,063	86,552	85,831	85,538	85,551	85,617	86,216	86,450	86,098	86,600	86,565	86,923	87,553
Self-employed workers	8,732	8,816	8,859	8,989	8,883	8,859	8,618	8,557	8,656	8,642	8,897	9,120	9,020
Unpaid family workers	248	242	232	227	214	229	232	248	236	210	227	192	233
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	5,202	5,486	5,786	5,952	6,142	6,349	6,465	6,310	6,352	6,425	6,256	6,453	6,506
Slack work	2,589	2,832	3,107	3,201	3,200	3,320	3,225	3,239	3,236	3,176	3,061	3,250	3,168
Could only find part-time work	2,235	2,330	2,331	2,460	2,627	2,720	2,935	2,773	2,823	2,971	2,911	2,911	2,991
Voluntary part time	15,186	15,045	14,985	15,179	15,009	14,898	14,558	14,888	14,944	14,818	14,761	15,058	15,206
Nonagricultural industries:													
Part time for economic reasons	4,945	5,213	5,504	5,701	5,836	6,072	6,190	6,044	6,088	6,148	6,031	6,227	6,265
Slack work	2,410	2,652	2,908	3,012	3,013	3,139	3,034	3,032	3,082	3,000	2,892	3,088	3,004
Could only find part-time work	2,173	2,261	2,264	2,378	2,536	2,648	2,861	2,695	2,747	2,899	2,854	2,818	2,925
Voluntary part time	14,776	14,637	14,575	14,732	14,567	14,434	14,107	14,462	14,523	14,404	14,321	14,630	14,798

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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362	118,969	119,489
16 to 24 years	18,702	18,481	18,245	17,916	17,622	17,648	17,544	17,487	17,588	17,595	17,609	17,664	17,722
16 to 19 years	6,102	5,973	5,857	5,694	5,454	5,488	5,407	5,329	5,411	5,444	5,446	5,485	5,616
16 to 17 years	2,234	2,208	2,226	2,142	2,045	2,088	2,051	2,024	2,077	2,048	2,093	2,094	2,184
18 to 19 years	3,864	3,759	3,649	3,542	3,416	3,405	3,385	3,290	3,333	3,388	3,364	3,377	3,424
20 to 24 years	12,600	12,509	12,388	12,222	12,168	12,160	12,137	12,158	12,177	12,151	12,163	12,179	12,106
25 years and over	99,165	99,040	98,644	99,013	99,189	99,220	99,564	100,025	100,176	100,409	100,775	101,264	101,766
25 to 54 years	84,240	84,157	83,949	84,323	84,528	84,647	84,800	85,297	85,541	85,752	86,112	86,524	87,142
55 years and over	14,945	14,869	14,691	14,682	14,682	14,562	14,761	14,718	14,648	14,657	14,704	14,718	14,664
Men, 16 years and over	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054	64,285	64,588	64,776
16 to 24 years	9,739	9,651	9,491	9,305	9,226	9,166	9,045	9,061	9,201	9,251	9,241	9,128	9,223
16 to 19 years	3,131	3,106	3,008	2,885	2,825	2,786	2,750	2,737	2,803	2,847	2,830	2,816	2,886
16 to 17 years	1,147	1,160	1,156	1,101	1,055	1,055	1,033	1,029	1,070	1,077	1,090	1,076	1,124
18 to 19 years	1,983	1,943	1,863	1,776	1,772	1,736	1,743	1,697	1,727	1,766	1,747	1,730	1,747
20 to 24 years	6,608	6,545	6,484	6,420	6,401	6,380	6,295	6,324	6,399	6,404	6,411	6,313	6,337
25 years and over	54,582	54,595	54,197	54,280	54,311	54,368	54,415	54,711	54,706	54,805	55,049	55,423	55,563
25 to 54 years	46,041	46,070	45,872	45,920	46,030	46,084	46,045	46,317	46,454	46,532	46,770	47,121	47,359
55 years and over	8,550	8,513	8,342	8,343	8,294	8,275	8,384	8,377	8,262	8,271	8,326	8,273	8,227
Women, 16 years and over	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967	54,077	54,381	54,714
16 to 24 years	8,963	8,831	8,753	8,611	8,396	8,482	8,499	8,426	8,387	8,344	8,369	8,536	8,499
16 to 19 years	2,971	2,867	2,849	2,809	2,629	2,702	2,657	2,592	2,608	2,597	2,617	2,669	2,730
16 to 17 years	1,087	1,048	1,070	1,040	990	1,033	1,018	995	1,006	971	1,003	1,018	1,059
18 to 19 years	1,881	1,816	1,786	1,766	1,643	1,669	1,642	1,593	1,606	1,622	1,617	1,646	1,677
20 to 24 years	5,992	5,964	5,904	5,802	5,767	5,780	5,842	5,834	5,779	5,747	5,752	5,867	5,769
25 years and over	44,583	44,445	44,447	44,733	44,878	44,853	45,149	45,314	45,469	45,604	45,726	45,841	46,203
25 to 54 years	38,199	38,087	38,076	38,403	38,498	38,563	38,755	38,980	39,086	39,220	39,342	39,403	39,783
55 years and over	6,395	6,356	6,349	6,339	6,389	6,287	6,377	6,341	6,386	6,386	6,378	6,444	6,437

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

(In thousands)

Sex and age	1990		1991				1992				1993		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320	8,917	8,897	8,649
16 to 24 years	2,371	2,483	2,684	2,760	2,758	2,872	2,859	2,936	2,958	2,830	2,829	2,848	2,629
16 to 19 years	1,141	1,206	1,289	1,296	1,266	1,309	1,327	1,393	1,378	1,312	1,329	1,378	1,227
16 to 17 years	487	520	537	547	565	592	586	646	619	598	632	611	526
18 to 19 years	655	685	743	757	700	722	732	754	756	720	688	772	698
20 to 24 years	1,230	1,277	1,395	1,465	1,492	1,564	1,532	1,543	1,580	1,519	1,499	1,471	1,402
25 years and over	4,574	5,005	5,444	5,677	5,674	5,912	6,303	6,558	6,639	6,494	6,086	6,048	6,007
25 to 54 years	4,070	4,483	4,866	5,044	5,086	5,309	5,625	5,768	5,859	5,779	5,423	5,386	5,338
55 years and over	501	542	579	609	597	621	677	759	797	727	661	644	693
Men, 16 years and over	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301	5,029	5,049	4,963
16 to 24 years	1,283	1,385	1,516	1,565	1,584	1,577	1,651	1,673	1,657	1,598	1,569	1,622	1,523
16 to 19 years	631	670	699	730	700	707	751	782	783	729	732	782	710
16 to 17 years	269	288	306	291	304	303	326	361	344	329	351	355	303
18 to 19 years	362	379	392	444	393	404	423	426	434	401	378	431	404
20 to 24 years	652	715	817	834	885	870	900	890	875	870	837	840	814
25 years and over	2,561	2,843	3,122	3,271	3,307	3,389	3,644	3,800	3,833	3,705	3,467	3,419	3,427
25 to 54 years	2,235	2,510	2,756	2,870	2,923	3,033	3,211	3,304	3,363	3,270	3,061	3,021	2,992
55 years and over	321	353	365	382	386	377	431	475	478	450	402	385	447
Women, 16 years and over	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019	3,889	3,848	3,686
16 to 24 years	1,088	1,098	1,168	1,196	1,173	1,295	1,208	1,263	1,301	1,232	1,260	1,226	1,106
16 to 19 years	510	536	590	565	566	602	576	611	595	583	598	596	518
16 to 17 years	218	232	231	256	261	289	260	284	275	269	281	255	223
18 to 19 years	293	306	351	313	307	318	309	328	322	318	310	341	294
20 to 24 years	579	562	578	630	607	693	632	653	705	649	662	630	588
25 years and over	2,013	2,162	2,322	2,406	2,367	2,522	2,659	2,759	2,806	2,789	2,619	2,629	2,580
25 to 54 years	1,835	1,973	2,111	2,174	2,162	2,276	2,415	2,465	2,496	2,510	2,362	2,366	2,346
55 years and over	180	189	214	226	211	244	246	284	319	277	259	259	246

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

(Civilian workers)

Sex and age	1990		1991				1992				1993		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7
16 to 24 years	11.3	11.8	12.8	13.4	13.5	14.0	14.0	14.4	14.4	13.9	13.8	13.9	12.9
16 to 19 years	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4	19.6	20.1	17.9
16 to 17 years	17.9	19.1	19.4	20.4	21.6	22.1	22.2	24.2	23.0	22.6	23.2	22.6	19.4
18 to 19 years	14.5	15.4	16.9	17.6	17.0	17.5	17.8	18.6	18.5	17.5	17.0	18.6	16.9
20 to 24 years	8.9	9.3	10.1	10.7	10.9	11.4	11.2	11.3	11.5	11.1	11.0	10.8	10.4
25 years and over	4.4	4.8	5.2	5.4	5.4	5.6	6.0	6.2	6.2	6.1	5.7	5.6	5.6
25 to 54 years	4.6	5.1	5.5	5.6	5.7	5.9	6.2	6.3	6.4	6.3	5.9	5.9	5.8
55 years and over	3.2	3.5	3.8	4.0	3.9	4.1	4.4	4.9	5.2	4.7	4.3	4.2	4.5
Men, 16 years and over	5.7	6.2	6.8	7.1	7.2	7.2	7.7	7.9	7.9	7.6	7.3	7.3	7.1
16 to 24 years	11.6	12.6	13.8	14.4	14.7	14.7	15.4	15.6	15.3	14.7	14.5	15.1	14.2
16 to 19 years	16.8	17.7	18.9	20.2	19.9	20.2	21.4	22.2	21.8	20.4	20.5	21.7	19.7
16 to 17 years	19.0	19.9	21.0	20.9	22.4	22.3	24.0	26.0	24.3	23.4	24.4	24.8	21.2
18 to 19 years	15.4	16.3	17.4	20.0	18.1	18.9	19.5	20.1	20.1	18.5	17.8	19.9	18.8
20 to 24 years	9.0	9.8	11.2	11.5	12.1	12.0	12.5	12.3	12.0	12.0	11.6	11.7	11.4
25 years and over	4.5	5.0	5.4	5.7	5.7	5.9	6.3	6.5	6.5	6.3	5.9	5.8	5.8
25 to 54 years	4.6	5.2	5.7	5.9	6.0	6.2	6.5	6.7	6.8	6.6	6.1	6.0	5.9
55 years and over	3.6	4.0	4.2	4.4	4.4	4.4	4.9	5.4	5.5	5.2	4.6	4.5	5.2
Women, 16 years and over	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9	6.7	6.6	6.3
16 to 24 years	10.8	11.1	11.8	12.2	12.3	13.2	12.4	13.0	13.4	12.9	13.1	12.6	11.5
16 to 19 years	14.6	15.8	17.2	16.8	17.7	18.2	17.8	19.1	18.6	18.3	18.6	18.3	15.9
16 to 17 years	16.7	18.1	17.8	19.8	20.8	21.9	20.3	22.2	21.4	21.7	21.9	20.1	17.4
18 to 19 years	13.5	14.4	16.4	15.0	15.8	16.0	15.9	17.1	16.7	16.4	16.1	17.2	14.9
20 to 24 years	8.8	8.6	8.9	9.8	9.5	10.7	9.8	10.1	10.9	10.1	10.3	9.7	9.2
25 years and over	4.3	4.6	5.0	5.1	5.0	5.3	5.6	5.7	5.8	5.8	5.4	5.4	5.3
25 to 54 years	4.6	4.9	5.3	5.4	5.3	5.6	5.9	5.9	6.0	6.0	5.7	5.7	5.6
55 years and over	2.7	2.9	3.3	3.4	3.2	3.7	3.7	4.3	4.8	4.2	3.9	3.9	3.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-50. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1990		1991				1992				1993		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
CHARACTERISTIC													
Total (all civilian workers)	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7
Men, 20 years and over	5.0	5.5	6.1	6.3	6.5	6.6	7.0	7.1	7.2	7.0	6.5	6.5	6.4
Women, 20 years and over	4.9	5.1	5.5	5.7	5.5	6.0	6.1	6.2	6.4	6.3	6.0	5.9	5.7
Both sexes, 16 to 19 years	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4	19.6	20.1	17.9
White	4.8	5.2	5.8	6.0	6.0	6.2	6.4	6.5	6.6	6.4	6.1	6.1	5.9
Black and other	10.6	11.0	10.9	11.1	11.0	11.5	12.4	12.8	12.8	12.7	12.3	12.1	11.6
Black	11.7	12.3	12.1	12.5	12.2	12.8	13.8	14.3	14.2	14.1	13.6	13.3	12.6
Hispanic origin	8.1	8.9	9.5	9.5	10.1	10.4	11.3	11.2	11.6	11.8	11.4	10.1	10.1
Married men, spouse present	3.4	3.8	4.3	4.4	4.4	4.5	4.9	5.0	5.3	4.9	4.6	4.5	4.4
Married women, spouse present	3.8	4.1	4.3	4.5	4.5	4.7	4.8	5.1	5.1	5.0	4.5	4.7	4.6
Women who maintain families	8.5	8.7	9.1	9.3	8.9	9.3	9.5	10.0	9.9	10.0	9.9	9.8	9.1
Full-time workers	5.2	5.7	6.2	6.4	6.5	6.7	7.0	7.2	7.3	7.0	6.7	6.6	6.5
Part-time workers	7.7	7.5	8.0	8.4	8.3	8.6	9.0	9.1	9.2	9.4	9.1	9.0	8.4
Unemployed 15 weeks and over 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	2.4
Labor force time lost ²	6.3	6.8	7.4	7.5	7.7	7.9	8.2	8.3	8.4	8.2	7.9	7.8	7.7
OCCUPATION³													
Managerial and professional specialty	2.2	2.3	2.6	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.0	2.7
Technical, sales, and administrative support	4.3	4.6	4.9	5.2	5.0	5.4	5.6	5.8	6.0	5.9	5.3	5.5	5.3
Precision production, craft, and repair	6.1	7.0	7.4	7.8	8.3	8.4	9.3	8.8	8.6	8.7	8.0	8.3	7.8
Operators, fabricators, and laborers	8.3	9.6	10.6	10.7	10.3	10.4	11.1	11.2	11.2	10.5	10.0	9.9	10.4
Farming, forestry, and fishing	6.5	6.2	7.9	7.2	7.5	7.9	7.7	7.8	8.4	8.5	8.6	7.9	7.7
INDUSTRY													
Nonagricultural private wage and salary workers	5.7	6.2	6.8	7.0	7.0	7.3	7.6	7.7	7.9	7.6	7.2	7.2	7.0
Goods-producing industries	6.9	7.9	8.7	9.1	9.0	9.2	9.5	9.8	10.1	9.4	8.8	9.0	9.2
Mining	4.2	5.2	6.5	7.8	8.7	8.6	7.7	8.3	9.2	6.4	6.8	8.8	7.1
Construction	11.3	13.6	14.5	15.0	15.9	16.4	17.1	16.9	17.1	15.4	14.4	15.1	15.3
Manufacturing	5.8	6.4	7.2	7.5	7.0	7.2	7.4	7.8	8.1	7.8	7.2	7.2	7.4
Durable goods	5.9	6.5	7.7	7.9	7.2	7.1	7.5	7.8	8.4	8.3	7.1	7.2	7.2
Nondurable goods	5.6	6.1	6.5	6.8	6.8	7.2	7.3	7.8	7.7	7.2	7.5	7.2	7.6
Service-producing industries	5.2	5.5	5.9	6.2	6.2	6.5	6.8	6.9	7.0	6.9	6.6	6.5	6.2
Transportation and public utilities	4.0	4.2	4.9	5.4	5.1	5.7	5.5	5.1	5.6	5.9	4.8	5.0	5.2
Wholesale and retail trade	6.3	6.9	7.4	7.5	7.7	7.8	8.3	8.4	8.7	8.0	7.9	8.1	7.4
Finance and service industries	4.7	4.8	5.1	5.4	5.4	5.7	6.0	6.1	6.0	6.3	6.0	5.6	5.5
Government workers	2.8	2.8	3.2	3.1	3.2	3.5	3.7	3.5	3.4	3.5	3.6	3.3	3.2
Agricultural wage and salary workers	9.5	10.1	12.4	11.2	11.2	11.7	11.2	12.3	13.2	12.8	12.3	11.1	11.3

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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
DURATION													
Less than 5 weeks	3,164	3,284	3,444	3,427	3,332	3,325	3,243	3,381	3,314	3,118	3,202	3,318	3,094
5 to 14 weeks	2,221	2,441	2,692	2,767	2,701	2,747	2,760	2,717	2,823	2,730	2,511	2,589	2,549
15 weeks and over	1,565	1,747	1,994	2,254	2,400	2,739	3,135	3,284	3,539	3,538	3,177	2,926	3,061
15 to 26 weeks	839	962	1,088	1,218	1,257	1,396	1,441	1,357	1,463	1,484	1,301	1,228	1,317
27 weeks and over	726	785	906	1,036	1,144	1,343	1,694	1,927	2,076	2,054	1,877	1,699	1,744
Average (mean) duration, in weeks	12.3	12.4	12.7	13.4	14.1	15.0	16.7	17.8	18.4	18.9	18.1	17.5	18.2
Median duration, in weeks	5.5	5.9	6.2	6.7	7.2	7.7	8.1	8.7	8.9	9.4	8.3	8.3	8.5
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	45.5	44.0	42.4	40.6	39.5	37.7	35.5	36.0	34.3	33.2	36.0	37.6	35.6
5 to 14 weeks	32.0	32.7	33.1	32.8	32.0	31.2	30.2	29.0	29.2	29.1	28.2	29.3	29.3
15 weeks and over	22.5	23.4	24.5	26.7	28.5	31.1	34.3	35.0	36.6	37.7	35.7	33.1	35.2
15 to 26 weeks	12.1	12.9	13.4	14.4	14.9	15.8	15.8	14.5	15.1	15.8	14.6	13.9	15.1
27 weeks and over	10.5	10.5	11.1	12.3	13.6	15.2	18.5	20.5	21.5	21.9	21.1	19.2	20.0

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

(Numbers in thousands)

Reasons for unemployment	1990		1991				1992				1993		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
NUMBER OF UNEMPLOYED													
Job losers	3,359	3,811	4,385	4,567	4,692	4,864	5,126	5,395	5,438	5,279	4,769	4,790	4,874
On layoff	1,022	1,151	1,332	1,330	1,191	1,233	1,236	1,250	1,295	1,221	1,051	1,112	1,183
Other job losers	2,337	2,661	3,053	3,237	3,501	3,631	3,890	4,145	4,143	4,058	3,717	3,679	3,692
Job leavers	985	1,006	1,007	1,016	934	966	948	1,006	992	954	988	973	886
Reentrants	1,918	2,000	2,030	2,127	2,054	2,140	2,229	2,199	2,264	2,212	2,231	2,230	2,080
New entrants	652	676	693	742	767	809	827	905	948	881	926	904	844
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	48.6	50.9	54.0	54.0	55.5	55.4	56.1	56.8	56.4	56.6	53.5	53.8	56.1
On layoff	14.8	15.4	16.4	15.7	14.1	14.0	13.5	13.2	13.4	13.1	11.8	12.5	13.6
Other job losers	33.8	35.5	37.6	38.3	41.4	41.4	42.6	43.6	43.0	43.5	41.7	41.3	42.5
Job leavers	14.2	13.4	12.4	12.0	11.1	11.0	10.4	10.6	10.3	10.2	11.1	10.9	10.2
Reentrants	27.7	26.7	25.0	25.2	24.3	24.4	24.4	23.1	23.5	23.7	25.0	25.1	24.0
New entrants	9.4	9.0	8.5	8.8	9.1	9.2	9.1	9.5	9.8	9.4	10.4	10.2	9.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.7	3.0	3.5	3.6	3.7	3.9	4.1	4.2	4.3	4.1	3.7	3.7	3.8
On layoff .....	.8	.8	.8	.8	.7	.8	.8	.8	.8	.7	.8	.8	.7
Other job losers	1.5	1.6	1.6	1.7	1.6	1.7	1.8	1.7	1.8	1.7	1.8	1.7	1.6
Job leavers .....	.5	.5	.6	.6	.6	.6	.7	.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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
TOTAL													
Total not in labor force	63,479	63,658	64,120	64,133	64,759	64,778	64,634	64,283	64,443	64,978	65,516	65,422	65,661
Do not want a job now	58,201	58,022	58,385	58,739	58,939	58,832	58,399	58,156	58,227	58,956	59,115	59,235	59,131
Current activity:													
Going to school	6,895	6,727	6,627	6,842	6,963	6,788	6,821	6,641	6,594	6,836	6,756	6,987	6,918
Ill, disabled	5,073	5,066	4,972	4,894	5,006	5,093	5,060	4,973	5,193	5,177	5,396	5,373	5,611
Keeping house	23,518	23,486	23,295	23,430	23,176	22,767	22,176	22,077	21,459	21,108	21,345	21,376	20,624
Retired	18,538	18,581	19,041	19,098	19,405	19,579	19,734	19,947	20,395	20,893	20,843	20,905	21,231
Other activity	4,178	4,163	4,451	4,475	4,388	4,605	4,609	4,519	4,586	4,942	4,775	4,595	4,747
Want a job now	5,320	5,551	5,651	5,564	5,807	5,966	6,068	6,291	6,147	6,209	6,378	6,399	6,523
Reason not looking:													
School attendance	1,388	1,424	1,424	1,358	1,517	1,434	1,493	1,763	1,494	1,620	1,499	1,517	1,743
Ill health, disability	859	944	1,012	903	999	1,005	1,041	1,036	1,094	1,171	1,119	1,162	1,161
Home responsibilities	1,245	1,136	1,180	1,170	1,178	1,301	1,325	1,259	1,176	1,187	1,352	1,338	1,311
Think cannot get a job	818	967	982	952	1,050	1,112	1,077	1,118	1,126	1,084	1,134	1,202	1,122
Job-market factors	519	606	650	684	695	743	814	773	819	702	799	759	767
Personal factors	298	361	332	269	355	369	263	345	307	383	335	443	354
Other reasons ¹	1,011	1,080	1,053	1,181	1,063	1,113	1,133	1,115	1,257	1,147	1,273	1,180	1,186
Men													
Total not in labor force	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598	22,900	22,845	23,015
Do not want a job now	19,723	19,496	19,669	20,006	20,175	20,248	20,041	19,794	20,066	20,447	20,397	20,511	20,681
Want a job now	1,925	1,947	2,131	2,018	2,162	2,207	2,187	2,354	2,290	2,242	2,391	2,389	2,389
Reason not looking:													
School attendance	707	651	753	640	729	754	713	862	686	728	729	735	789
Ill health, disability	422	455	545	437	498	508	516	496	545	527	580	535	550
Think cannot get a job	385	399	406	416	467	451	475	527	523	489	539	548	527
Other reasons ¹	412	442	427	526	469	493	483	469	536	499	543	571	523
Women													
Total not in labor force	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381	42,616	42,578	42,646
Do not want a job now	38,478	38,526	38,716	38,733	38,763	38,584	38,358	38,363	38,161	38,509	38,718	38,724	38,450
Want a job now	3,395	3,604	3,520	3,546	3,645	3,759	3,881	3,937	3,857	3,967	3,987	4,011	4,133
Reason not looking:													
School attendance	681	774	671	718	789	680	779	901	808	892	770	782	953
Ill health, disability	437	489	467	466	502	497	525	540	550	644	539	627	610
Home responsibilities	1,245	1,136	1,180	1,170	1,178	1,301	1,325	1,259	1,176	1,187	1,352	1,338	1,311
Think cannot get a job	433	567	576	537	583	661	602	591	603	595	595	654	595
Other reasons	599	638	626	656	594	621	650	646	720	648	730	609	664
White													
Total not in labor force	53,278	53,557	53,789	53,764	54,253	54,230	54,067	53,941	54,089	54,418	54,611	54,635	54,597
Do not want a job now	49,304	49,594	49,649	49,989	50,057	49,964	49,543	49,484	49,551	49,946	50,000	50,028	49,944
Want a job now	3,882	3,907	4,108	3,854	4,254	4,309	4,413	4,486	4,572	4,553	4,610	4,613	4,713
Reason not looking:													
School attendance	978	906	997	917	1,093	1,012	1,077	1,174	1,054	1,185	1,021	1,003	1,140
Ill health, disability	652	724	726	636	766	759	722	792	825	899	779	925	830
Home responsibilities	917	822	881	840	873	913	968	910	895	869	975	942	957
Think cannot get a job	562	616	667	617	720	747	733	751	808	693	797	807	816
Other reasons ¹	773	838	837	844	801	879	913	859	991	907	1,039	937	970
Black													
Total not in labor force	7,927	7,881	7,957	8,021	8,114	8,199	8,099	8,034	7,970	8,170	8,295	8,365	8,424
Do not want a job now	6,662	6,421	6,693	6,639	6,761	6,791	6,671	6,582	6,566	6,730	6,887	6,998	6,933
Want a job now	1,235	1,402	1,288	1,435	1,366	1,343	1,467	1,483	1,371	1,375	1,459	1,426	1,555
Reason not looking:													
School attendance	330	427	336	365	397	333	351	456	389	349	367	406	516
Ill health, disability	185	195	212	251	219	227	262	220	246	248	266	210	295
Home responsibilities	327	277	276	275	257	314	322	296	252	263	332	322	326
Think cannot get a job	213	277	269	303	282	269	337	317	264	308	302	324	246
Other reasons ¹	181	227	195	241	211	199	194	194	220	207	192	164	172

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							
	III 1992	III 1993	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
TOTAL										
Total not in labor force	63,414	64,581	5,518	5,620	3,645	3,664	21,211	21,951	33,040	33,346
Do not want a job now	57,492	58,392	4,603	4,650	2,925	2,907	17,629	18,277	32,335	32,558
Current activity:										
Going to school	4,075	4,393	2,327	2,502	1,105	1,126	635	748	7	18
Ill, disabled	5,196	5,628	35	32	180	164	2,917	3,189	2,064	2,242
Keeping house	21,609	20,771	369	385	1,042	993	10,551	10,485	9,647	8,907
Retired	20,635	21,450	--	--	--	--	537	595	20,096	20,856
Other activity	5,978	6,150	1,873	1,731	596	624	2,989	3,260	521	535
Want a job now	5,922	6,189	915	970	720	757	3,583	3,674	705	788
Reason for not looking:										
School attendance	945	1,082	504	493	187	259	250	324	5	7
Ill health, disability	1,100	1,169	23	7	70	40	853	911	155	211
Home responsibility	1,286	1,429	50	92	200	230	1,001	1,062	34	45
Think cannot get a job	1,149	1,141	138	176	118	78	698	651	195	235
Job-market factors	793	724	90	108	96	52	513	455	93	109
Personal factors	356	416	48	68	22	26	185	195	101	127
Other reasons ¹	1,443	1,368	200	202	146	150	781	727	316	289
Men										
Total not in labor force	21,581	22,274	2,595	2,693	1,203	1,210	4,677	5,080	13,106	13,292
Do not want a job now	19,447	20,090	2,151	2,246	963	982	3,591	3,889	12,742	12,973
Current activity:										
Going to school	1,933	2,064	1,117	1,281	556	510	257	272	3	2
Ill, disabled	2,524	2,816	17	19	99	102	1,549	1,706	859	990
Keeping house	378	491	34	64	18	32	152	214	175	181
Retired	11,770	11,912	--	--	--	--	363	399	11,405	11,512
Other activity	2,842	2,807	983	883	288	338	1,270	1,298	301	288
Want a job now	2,134	2,184	444	447	241	228	1,086	1,191	364	319
Reason for not looking:										
School attendance	420	464	236	242	80	96	100	126	5	--
Ill health, disability	579	588	23	1	32	16	432	494	92	78
Think cannot get a job	533	546	83	104	63	39	286	296	100	107
Other reasons ¹	601	586	102	100	65	77	267	274	166	134
Women										
Total not in labor force	41,834	42,307	2,924	2,927	2,442	2,455	16,535	16,872	19,934	20,054
Do not want a job now	38,045	38,303	2,452	2,404	1,962	1,925	14,038	14,389	19,593	19,585
Current activity:										
Going to school	2,142	2,329	1,210	1,221	549	616	378	476	4	16
Ill, disabled	2,672	2,812	18	13	81	63	1,368	1,484	1,205	1,252
Keeping house	21,230	20,280	334	321	1,024	961	10,399	10,272	9,473	8,726
Retired	8,865	9,539	--	--	--	--	174	196	8,691	9,343
Other activity	3,136	3,343	890	848	308	286	1,719	1,962	220	247
Want a job now	3,789	4,005	471	523	480	530	2,497	2,483	341	469
Reason for not looking:										
School attendance	525	618	269	251	106	162	150	198	--	7
Ill health, disability	521	581	--	6	37	25	420	416	63	133
Home responsibility	1,286	1,429	50	92	200	230	1,001	1,062	34	45
Think cannot get a job	616	595	54	72	55	40	412	355	94	128
Other reasons ¹	842	782	98	102	80	72	514	452	149	155

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			
	III 1992	III 1993	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
WHITE												
Total not in labor force	53,312	53,778	6,682	6,697	17,270	17,563	29,359	29,517	17,917	18,371	35,395	35,406
Do not want a job now	48,959	49,308	5,578	5,566	14,568	14,868	28,813	28,874	16,423	16,784	32,536	32,524
Current activity:												
Going to school	3,009	3,165	2,559	2,622	443	532	7	11	1,424	1,511	1,585	1,654
Ill, disabled	4,020	4,263	155	147	2,204	2,333	1,660	1,783	1,965	2,095	2,054	2,167
Keeping house	18,824	17,911	1,060	1,076	9,051	8,827	8,713	8,008	275	349	18,548	17,563
Retired	18,440	19,098	-	-	473	515	17,966	18,583	10,581	10,656	7,859	8,442
Other activity	4,667	4,871	1,802	1,721	2,398	2,661	467	489	2,177	2,173	2,489	2,699
Want a job now	4,397	4,515	1,133	1,146	2,684	2,716	580	654	1,517	1,581	2,881	2,934
Reason for not looking:												
School attendance	639	695	471	464	163	223	5	7	286	307	353	388
Ill health, disability	816	829	70	37	625	623	121	169	432	427	384	402
Home responsibility	996	1,058	172	202	793	818	31	38	-	-	996	1,058
Think cannot get a job	805	814	146	172	493	443	167	199	346	385	459	428
Other reasons ¹	1,141	1,119	274	270	611	609	256	241	453	462	688	658
BLACK												
Total not in labor force	7,765	8,201	1,903	1,946	2,930	3,222	2,933	3,034	2,880	3,042	4,885	5,160
Do not want a job now	6,485	6,834	1,460	1,460	2,197	2,450	2,828	2,925	2,375	2,560	4,110	4,274
Current activity:												
Going to school	698	777	598	708	100	70	-	-	332	334	366	443
Ill, disabled	1,032	1,184	60	40	619	727	353	417	506	613	526	571
Keeping house	1,989	2,031	285	221	968	1,136	736	674	78	122	1,911	1,909
Retired	1,747	1,852	-	-	41	55	1,706	1,798	946	1,011	801	841
Other activity	1,019	989	517	491	469	462	33	36	513	480	506	509
Want a job now	1,280	1,367	443	486	733	772	105	109	505	482	775	885
Reason for not looking:												
School attendance	250	306	184	241	66	65	-	-	96	131	154	175
Ill health, disability	254	302	22	5	200	256	32	42	136	132	118	170
Home responsibility	240	307	69	104	168	198	3	4	-	-	240	307
Think cannot get a job	284	261	96	65	163	160	25	36	149	121	135	140
Other reasons ¹	251	192	72	72	135	92	45	28	124	98	127	94
HISPANIC ORIGIN												
Total not in labor force	5,013	5,339	1,252	1,374	2,368	2,480	1,393	1,485	1,404	1,500	3,609	3,839
Do not want a job now	4,308	4,528	1,031	1,090	1,979	2,037	1,298	1,400	1,214	1,311	3,094	3,217
Current activity:												
Going to school	457	496	375	419	82	77	-	-	207	205	249	291
Ill, disabled	452	484	25	24	308	301	119	160	247	266	206	219
Keeping house	2,137	2,168	361	382	1,349	1,373	427	413	45	45	2,092	2,123
Retired	747	825	-	-	10	7	735	817	441	497	306	327
Other activity	515	555	268	266	230	278	17	10	274	298	241	257
Want a job now	716	741	213	272	440	407	63	62	199	231	517	511
Reason for not looking:												
School attendance	117	129	85	98	32	31	-	-	31	49	87	80
Ill health, disability	118	85	10	5	84	65	25	15	64	45	54	40
Home responsibility	198	219	29	66	167	147	2	6	-	-	198	219
Think cannot get a job	163	164	40	39	109	96	14	28	57	64	106	99
Other reasons ¹	119	145	50	64	47	68	23	13	48	73	72	72

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	3rd 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	170	27	--	30	114	149	19	23
Lacks education or training	176	36	17	117	5	124	33	43
Other personal handicap	70	5	9	49	8	50	14	8
Job-market factors:								
Could not find work	441	86	36	267	52	283	138	59
Thinks no job available	283	22	16	189	57	207	56	31
Men								
Personal factors:								
Employers think too young or old	101	21	--	12	69	85	13	12
Lacks education or training	90	23	10	57	--	50	24	10
Other personal handicap	26	5	9	12	--	21	3	--
Job-market factors:								
Could not find work	193	36	15	128	14	126	58	19
Thinks no job available	136	18	4	88	25	103	22	23
Women								
Personal factors:								
Employers think too young or old	70	6	--	18	46	63	6	11
Lacks education or training	85	13	7	61	5	74	9	34
Other personal handicap	44	--	--	37	8	30	11	8
Job-market factors:								
Could not find work	248	50	21	139	38	157	80	40
Thinks no job available	148	3	12	100	32	105	33	8

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			
	III 1992	III 1993	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
TOTAL												
Do not intend to seek work	54,921	56,125	5,658	5,798	16,822	17,627	32,440	32,700	46,728	47,400	6,259	6,648
Intend to seek work in the next 12 months	8,494	8,456	3,505	3,487	4,389	4,324	600	645	6,628	6,423	1,506	1,554
Never worked	1,260	1,243	1,046	1,029	206	214	8	--	920	853	284	299
Last worked over 5 years ago	1,156	1,220	76	57	862	952	218	211	901	885	194	272
Last worked 1 to 5 years ago	2,335	2,372	534	551	1,601	1,570	200	251	1,757	1,748	454	471
Worked during the previous 12 months	3,744	3,621	1,850	1,850	1,719	1,588	175	183	3,050	2,938	574	511
Men												
Do not intend to seek work	18,576	19,265	2,235	2,345	3,538	3,924	12,804	12,996	15,635	16,075	2,312	2,523
Intend to seek work in the next 12 months	3,005	3,009	1,563	1,558	1,139	1,156	303	296	2,305	2,290	568	519
Never worked	517	505	472	473	42	32	2	--	377	366	117	102
Last worked over 5 years ago	239	279	8	11	146	180	85	88	164	187	50	72
Last worked 1 to 5 years ago	771	700	193	124	455	443	123	133	585	490	151	141
Worked during the previous 12 months	1,479	1,524	891	950	495	501	93	74	1,178	1,246	250	203
Women												
Do not intend to seek work	36,345	36,860	3,424	3,453	13,285	13,703	19,636	19,704	31,093	31,325	3,947	4,125
Intend to seek work in the next 12 months	5,489	5,447	1,942	1,929	3,250	3,168	298	350	4,324	4,133	938	1,035
Never worked	743	738	574	556	164	182	6	--	543	486	167	197
Last worked over 5 years ago	917	941	68	46	716	772	133	123	737	698	145	200
Last worked 1 to 5 years ago	1,564	1,672	341	427	1,146	1,127	77	118	1,172	1,258	302	329
Worked during the previous 12 months	2,265	2,096	959	900	1,224	1,087	82	109	1,872	1,691	324	308

**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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
TOTAL								
Civilian noninstitutional population	191,786	193,799	162,788	164,078	21,997	22,376	15,303	15,824
Civilian labor force	128,372	129,218	109,476	110,301	14,231	14,175	10,289	10,485
Percent of population	66.9	66.7	67.3	67.2	64.7	63.3	67.2	66.3
Employed	118,930	120,685	102,433	103,947	12,232	12,394	9,102	9,435
Agriculture	3,537	3,336	3,261	3,100	187	165	503	514
Nonagricultural industries	115,393	117,349	99,172	100,847	12,045	12,230	8,599	8,921
Unemployed	9,442	8,533	7,043	6,354	1,999	1,781	1,187	1,050
Unemployment rate	7.4	6.6	6.4	5.8	14.0	12.6	11.5	10.0
Not in labor force	63,414	64,581	53,312	53,778	7,765	8,201	5,013	5,339
Men, 16 years and over								
Civilian noninstitutional population	91,652	92,754	78,424	79,169	9,907	10,102	7,599	7,860
Civilian labor force	70,071	70,480	60,507	60,798	7,026	7,061	6,195	6,360
Percent of population	76.5	76.0	77.2	76.8	70.9	69.9	81.5	80.9
Employed	64,992	65,881	56,670	57,332	5,999	6,153	5,515	5,764
Agriculture	2,814	2,624	2,577	2,412	170	150	441	451
Nonagricultural industries	62,178	63,257	54,093	54,920	5,829	6,003	5,074	5,313
Unemployed	5,079	4,599	3,836	3,466	1,027	907	680	596
Unemployment rate	7.2	6.5	6.3	5.7	14.6	12.9	11.0	9.4
Not in labor force	21,581	22,274	17,917	18,371	2,880	3,042	1,404	1,500
Men, 20 years and over								
Civilian noninstitutional population	85,010	86,009	73,118	73,789	8,878	9,051	6,842	7,102
Civilian labor force	66,024	66,428	57,089	57,368	6,534	6,572	5,760	5,935
Percent of population	77.7	77.2	78.1	77.7	73.6	72.6	84.2	83.6
Employed	61,744	62,557	53,825	54,433	5,699	5,829	5,190	5,436
Agriculture	2,549	2,390	2,327	2,197	158	139	412	423
Nonagricultural industries	59,195	60,167	51,497	52,235	5,540	5,690	4,779	5,012
Unemployed	4,280	3,871	3,265	2,936	835	742	569	499
Unemployment rate	6.5	5.8	5.7	5.1	12.8	11.3	9.9	8.4
Not in labor force	18,986	19,581	16,029	16,420	2,344	2,480	1,082	1,167
Women, 16 years and over								
Civilian noninstitutional population	100,135	101,045	84,364	84,910	12,090	12,274	7,704	7,964
Civilian labor force	58,301	58,738	48,969	49,503	7,205	7,115	4,094	4,125
Percent of population	58.2	58.1	58.0	58.3	59.6	58.0	53.1	51.8
Employed	53,938	54,804	45,763	46,615	6,233	6,241	3,587	3,671
Agriculture	723	712	684	688	17	15	62	63
Nonagricultural industries	53,215	54,092	45,079	45,927	6,216	6,226	3,524	3,608
Unemployed	4,363	3,935	3,207	2,888	972	873	507	454
Unemployment rate	7.5	6.7	6.5	5.8	13.5	12.3	12.4	11.0
Not in labor force	41,834	42,307	35,395	35,406	4,885	5,160	3,609	3,839
Women, 20 years and over								
Civilian noninstitutional population	93,633	94,497	79,193	79,694	11,048	11,222	6,966	7,210
Civilian labor force	54,723	55,117	45,966	46,427	6,759	6,687	3,784	3,832
Percent of population	58.4	58.3	58.0	58.3	61.2	59.6	54.3	53.2
Employed	51,009	51,755	43,210	43,948	5,949	5,950	3,356	3,450
Agriculture	654	656	616	634	17	13	51	57
Nonagricultural industries	50,356	51,098	42,595	43,314	5,932	5,937	3,305	3,393
Unemployed	3,714	3,362	2,756	2,479	811	737	428	382
Unemployment rate	6.8	6.1	6.0	5.3	12.0	11.0	11.3	10.0
Not in labor force	38,910	39,380	33,227	33,267	4,288	4,534	3,182	3,377
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,144	13,293	10,477	10,595	2,071	2,104	1,495	1,512
Civilian labor force	7,625	7,673	6,421	6,505	938	916	746	718
Percent of population	58.0	57.7	61.3	61.4	45.3	43.6	49.9	47.5
Employed	6,177	6,373	5,398	5,567	585	615	556	549
Agriculture	334	289	318	269	12	13	41	33
Nonagricultural industries	5,843	6,084	5,080	5,298	573	602	515	516
Unemployed	1,448	1,300	1,023	938	354	301	190	168
Unemployment rate	19.0	16.9	15.9	14.4	37.7	32.9	25.5	23.5
Not in labor force	5,518	5,620	4,056	4,090	1,132	1,187	749	795

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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
TOTAL								
Civilian noninstitutional population	15,303	15,824	9,455	9,855	1,632	1,678	843	925
Civilian labor force	10,289	10,485	6,471	6,673	952	956	506	550
Percent of population	67.2	66.3	68.4	67.7	58.4	57.0	60.0	59.5
Employed	9,102	9,435	5,722	6,001	807	846	471	507
Agriculture	503	514	466	461	4	5	9	14
Nonagricultural industries	8,599	8,921	5,256	5,541	803	840	461	493
Unemployed	1,187	1,050	749	672	145	111	35	43
Unemployment rate	11.5	10.0	11.6	10.1	15.2	11.6	6.9	7.8
Not in labor force	5,013	5,339	2,984	3,182	679	722	337	375
Men, 16 years and over								
Civilian noninstitutional population	7,599	7,860	4,861	5,033	719	772	385	426
Civilian labor force	6,195	6,360	4,053	4,153	507	554	279	322
Percent of population	81.5	80.9	83.4	82.5	70.5	71.8	72.6	75.7
Employed	5,515	5,764	3,607	3,771	426	482	257	297
Agriculture	441	451	409	406	4	4	8	10
Nonagricultural industries	5,074	5,313	3,198	3,365	421	478	250	287
Unemployed	680	596	446	382	81	73	22	25
Unemployment rate	11.0	9.4	11.0	9.2	16.0	13.1	7.8	7.8
Not in labor force	1,404	1,500	808	881	212	217	106	103
Men, 20 years and over								
Civilian noninstitutional population	6,842	7,102	4,352	4,532	632	682	368	411
Civilian labor force	5,760	5,935	3,739	3,859	470	513	271	315
Percent of population	84.2	83.6	85.9	85.1	74.4	75.2	73.7	76.6
Employed	5,190	5,436	3,364	3,541	404	451	252	292
Agriculture	412	423	383	381	4	3	6	10
Nonagricultural industries	4,779	5,012	2,981	3,161	400	448	246	282
Unemployed	569	499	374	317	66	62	19	23
Unemployment rate	9.9	8.4	10.0	8.2	14.1	12.0	7.1	7.3
Not in labor force	1,082	1,167	613	673	162	169	97	96
Women, 16 years and over								
Civilian noninstitutional population	7,704	7,964	4,593	4,822	912	906	458	499
Civilian labor force	4,094	4,125	2,418	2,520	445	402	226	228
Percent of population	53.1	51.8	52.6	52.3	48.8	44.4	49.4	45.7
Employed	3,587	3,671	2,115	2,230	381	364	213	210
Agriculture	62	63	57	55	—	1	2	4
Nonagricultural industries	3,524	3,608	2,058	2,175	381	362	211	206
Unemployed	507	454	303	290	64	38	13	18
Unemployment rate	12.4	11.0	12.5	11.5	14.4	9.5	5.9	7.9
Not in labor force	3,609	3,839	2,176	2,302	467	504	232	271
Women, 20 years and over								
Civilian noninstitutional population	6,966	7,210	4,086	4,282	831	848	440	471
Civilian labor force	3,784	3,832	2,209	2,304	409	385	220	217
Percent of population	54.3	53.2	54.0	53.8	49.2	45.3	50.0	46.0
Employed	3,356	3,450	1,952	2,068	358	351	207	202
Agriculture	51	57	46	52	—	1	2	2
Nonagricultural industries	3,305	3,393	1,907	2,015	358	350	206	200
Unemployed	428	382	256	237	51	34	13	15
Unemployment rate	11.3	10.0	11.6	10.3	12.5	8.8	5.8	6.9
Not in labor force	3,182	3,377	1,878	1,978	422	464	220	254
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,495	1,512	1,016	1,042	168	148	35	43
Civilian labor force	746	718	524	510	73	59	15	18
Percent of population	49.9	47.5	51.5	49.0	43.4	39.9	(²)	(²)
Employed	556	549	405	392	45	44	12	13
Agriculture	41	33	37	28	—	1	2	2
Nonagricultural industries	515	516	368	365	45	42	10	11
Unemployed	190	168	118	118	28	16	3	5
Unemployment rate	25.5	23.5	22.6	23.1	37.8	(²)	(²)	(²)
Not in labor force	749	795	493	532	95	89	21	24

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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
CHARACTERISTIC								
Total (all civilian workers)	118,930	120,685	102,433	103,947	12,232	12,394	9,102	9,435
Men	64,992	65,881	56,670	57,332	5,999	6,153	5,515	5,764
Women	53,938	54,804	45,763	46,615	6,233	6,241	3,587	3,671
OCCUPATION								
Managerial and professional specialty	30,813	32,132	27,546	28,710	2,053	2,155	1,210	1,335
Executive, administrative, and managerial	14,613	15,372	13,274	13,914	866	964	620	702
Professional specialty	16,199	16,760	14,271	14,795	1,187	1,191	590	633
Technical, sales, and administrative support	36,836	36,963	32,201	32,236	3,330	3,435	2,207	2,322
Technicians and related support	4,369	4,001	3,708	3,429	456	377	202	203
Sales occupations	13,931	14,419	12,584	12,971	856	956	762	851
Administrative support, including clerical	18,536	18,544	15,909	15,836	2,018	2,102	1,243	1,268
Service occupations	16,365	16,693	12,798	13,114	2,871	2,886	1,859	1,906
Private household	990	991	761	803	198	153	195	223
Protective service	2,117	2,127	1,702	1,726	366	351	142	129
Service, except private household and protective	13,258	13,575	10,336	10,585	2,307	2,382	1,522	1,553
Precision production, craft, and repair	13,543	13,833	12,162	12,417	1,014	1,030	1,254	1,252
Mechanics and repairers	4,593	4,557	4,150	4,116	337	316	354	356
Construction trades	5,057	5,395	4,596	4,920	370	359	476	494
Other precision production, craft, and repair	3,892	3,880	3,415	3,381	307	354	423	402
Operators, fabricators, and laborers	17,371	17,288	14,125	14,031	2,673	2,641	2,013	2,044
Machine operators, assemblers, and inspectors	7,641	7,461	6,115	5,976	1,193	1,152	995	982
Transportation and material moving occupations	5,028	5,085	4,184	4,268	745	698	434	463
Handlers, equipment cleaners, helpers, and laborers	4,703	4,743	3,826	3,787	736	791	583	598
Construction laborers	753	742	637	574	92	136	128	118
Other handlers, equipment cleaners, helpers, and laborers	3,949	4,001	3,189	3,212	644	654	455	481
Farming, forestry, and fishing	4,003	3,775	3,601	3,440	291	248	561	576
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,906	1,810	1,717	1,645	132	112	441	455
Self-employed workers	1,506	1,415	1,421	1,346	55	52	61	59
Unpaid family workers	125	111	123	109	-	1	2	-
Nonagricultural industries:								
Wage and salary workers	106,443	108,020	91,008	92,319	11,628	11,828	8,166	8,399
Government	18,031	18,157	14,544	14,661	2,868	2,857	1,016	1,135
Private industries	88,412	89,863	76,465	77,658	8,761	8,971	7,150	7,264
Private households	1,272	1,227	959	981	274	203	229	247
Other industries	87,140	88,636	75,506	76,677	8,487	8,769	6,921	7,017
Self-employed workers	8,716	9,098	7,949	8,316	411	397	421	502
Unpaid family workers	235	230	215	212	5	5	12	20
FULL- AND PART-TIME STATUS¹								
Full-time schedules	97,106	98,478	83,514	84,647	10,066	10,240	7,447	7,666
Part time for economic reasons	6,426	6,595	5,197	5,326	975	998	854	877
Part time for noneconomic reasons	15,398	15,612	13,722	13,974	1,191	1,156	801	892

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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
CHARACTERISTIC								
Total (all civilian workers)	9,102	9,435	5,722	6,001	807	846	471	507
Men	5,515	5,764	3,607	3,771	426	482	257	297
Women	3,587	3,671	2,115	2,230	381	364	213	210
OCCUPATION								
Managerial and professional specialty	1,210	1,335	598	675	155	165	114	141
Executive, administrative, and managerial	620	702	335	369	66	70	69	80
Professional specialty	590	633	263	306	89	95	45	60
Technical, sales, and administrative support	2,207	2,322	1,262	1,375	269	274	168	172
Technicians and related support	202	203	106	109	23	21	19	21
Sales occupations	762	851	428	497	64	78	59	68
Administrative support, including clerical	1,243	1,268	729	768	182	175	90	84
Service occupations	1,859	1,906	1,124	1,169	145	166	51	48
Private household	195	223	91	115	4	6	2	3
Protective service	142	129	85	71	28	29	6	4
Service, except private household and protective	1,522	1,553	948	982	113	131	43	41
Precision production, craft, and repair	1,254	1,252	833	864	81	86	65	54
Mechanics and repairers	354	356	209	220	29	26	19	17
Construction trades	476	494	341	356	20	23	21	27
Other precision production, craft, and repair	423	402	282	287	32	37	25	10
Operators, fabricators, and laborers	2,013	2,044	1,394	1,402	151	146	63	81
Machine operators, assemblers, and inspectors	995	982	669	651	72	81	37	33
Transportation and material moving occupations	434	463	301	293	33	40	17	33
Handlers, equipment cleaners, helpers, and laborers	583	598	424	457	46	26	9	14
Construction laborers	128	118	105	93	8	3	1	2
Other handlers, equipment cleaners, helpers, and laborers	455	481	319	364	39	22	8	13
Farming, forestry, and fishing	561	576	511	518	7	8	9	11
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	441	455	418	413	3	5	3	12
Self-employed workers	61	59	47	47	1	-	6	2
Unpaid family workers	2	-	1	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	8,166	8,399	5,015	5,242	787	804	423	452
Government	1,016	1,135	630	719	156	181	39	46
Private industries	7,150	7,264	4,384	4,524	630	623	384	406
Private households	229	247	111	134	5	6	3	3
Other industries	6,921	7,017	4,273	4,390	625	617	381	403
Self-employed workers	421	502	234	281	16	35	39	41
Unpaid family workers	12	20	8	17	-	-	-	-
FULL- AND PART-TIME STATUS²								
Full-time schedules	7,447	7,666	4,648	4,805	688	706	400	458
Part time for economic reasons	854	877	572	631	48	49	31	13
Part time for noneconomic reasons	801	892	501	565	71	90	39	36

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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
Total, 16 years and over	118,930	120,685	102,433	103,947	12,232	12,394	9,102	9,435
16 to 19 years	6,177	6,373	5,398	5,567	585	615	556	549
16 to 17 years	2,496	2,599	2,195	2,304	229	225	181	179
18 to 19 years	3,681	3,774	3,203	3,263	356	390	375	370
20 to 24 years	12,567	12,493	10,808	10,679	1,322	1,363	1,254	1,293
25 years and over	100,186	101,819	86,227	87,702	10,325	10,416	7,293	7,593
25 to 54 years	85,555	87,169	73,353	74,745	8,981	9,143	6,583	6,829
55 years and over	14,631	14,650	12,874	12,957	1,344	1,273	710	763
Men, 16 years and over	64,992	65,881	56,670	57,332	5,999	6,153	5,515	5,764
16 to 19 years	3,248	3,324	2,846	2,900	301	324	325	328
16 to 17 years	1,323	1,377	1,179	1,216	108	121	104	112
18 to 19 years	1,925	1,947	1,667	1,684	192	203	221	217
20 to 24 years	6,681	6,618	5,732	5,656	710	706	779	822
25 years and over	55,063	55,940	48,093	48,776	4,989	5,124	4,411	4,614
25 to 54 years	46,783	47,702	40,718	41,405	4,322	4,488	3,995	4,169
55 years and over	8,280	8,238	7,375	7,371	667	636	416	445
Women, 16 years and over	53,938	54,804	45,763	46,615	6,233	6,241	3,587	3,671
16 to 19 years	2,929	3,049	2,552	2,667	284	291	231	221
16 to 17 years	1,173	1,222	1,016	1,089	120	105	77	68
18 to 19 years	1,756	1,827	1,536	1,579	164	187	154	153
20 to 24 years	5,886	5,875	5,076	5,022	613	658	474	472
25 years and over	45,123	45,879	38,134	38,925	5,336	5,292	2,882	2,979
25 to 54 years	38,773	39,467	32,635	33,340	4,659	4,655	2,588	2,661
55 years and over	6,351	6,412	5,499	5,585	677	637	293	318

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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
Total, 16 years and over	7.4	6.6	6.4	5.8	14.0	12.6	11.5	10.0
16 to 19 years	19.0	16.9	15.9	14.4	37.7	32.9	25.5	23.5
16 to 17 years	21.0	18.0	18.2	15.9	39.1	33.1	30.5	29.5
18 to 19 years	17.6	16.2	14.3	13.3	36.8	32.7	22.7	20.1
20 to 24 years	11.1	10.0	9.1	8.3	24.3	21.0	14.3	12.5
25 years and over	6.0	5.4	5.4	4.8	10.6	9.7	9.8	8.4
25 to 54 years	6.2	5.6	5.5	5.0	11.1	10.0	9.9	8.3
55 years and over	5.1	4.4	4.8	4.0	6.8	7.1	8.0	9.4
Men, 16 years and over	7.2	6.5	6.3	5.7	14.6	12.9	11.0	9.4
16 to 19 years	19.7	18.0	16.7	15.5	39.0	33.8	25.4	22.8
16 to 17 years	21.6	19.0	18.6	16.9	43.6	34.1	29.0	29.3
18 to 19 years	18.4	17.2	15.4	14.4	36.1	33.6	23.6	18.9
20 to 24 years	10.9	10.3	8.9	8.6	23.6	21.1	13.0	11.1
25 years and over	5.9	5.3	5.3	4.7	11.0	9.8	9.3	7.9
25 to 54 years	6.1	5.4	5.4	4.8	11.4	10.0	9.4	7.7
55 years and over	5.0	4.7	4.6	4.2	8.6	8.0	8.5	9.7
Women, 16 years and over	7.5	6.7	6.5	5.8	13.5	12.3	12.4	11.0
16 to 19 years	18.1	15.8	15.0	13.3	36.2	31.8	25.5	24.4
16 to 17 years	20.2	16.9	17.8	14.8	34.4	32.0	32.5	29.9
18 to 19 years	16.7	15.1	13.1	12.2	37.5	31.8	21.5	21.8
20 to 24 years	11.3	9.7	9.4	8.0	25.1	21.0	16.4	14.7
25 years and over	6.2	5.6	5.5	5.0	10.2	9.6	10.4	9.2
25 to 54 years	6.3	5.9	5.6	5.2	10.9	10.1	10.8	9.2
55 years and over	5.1	4.0	5.1	3.8	5.0	6.1	7.4	8.9

**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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
DURATION								
Total, 16 years and over	9,442	8,533	7,043	6,354	1,999	1,781	1,187	1,050
Less than 5 weeks	3,415	3,184	2,559	2,425	706	608	486	435
5 to 14 weeks	2,796	2,558	2,039	1,882	635	555	323	300
15 weeks and over	3,231	2,791	2,445	2,047	659	617	379	314
15 to 26 weeks	1,177	1,062	870	776	254	235	146	120
27 weeks and over	2,055	1,730	1,576	1,271	405	382	233	195
Average (mean) duration, in weeks	17.7	17.6	17.9	17.2	17.5	18.9	16.6	16.3
Median duration, in weeks	8.2	7.8	8.2	7.6	8.3	8.6	6.9	7.0
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	36.2	37.3	36.3	38.2	35.3	34.1	40.9	41.5
5 to 14 weeks	29.6	30.0	28.9	29.6	31.8	31.2	27.2	28.6
15 weeks and over	34.2	32.7	34.7	32.2	32.9	34.7	31.9	29.9
15 to 26 weeks	12.5	12.4	12.3	12.2	12.7	13.2	12.3	11.4
27 weeks and over	21.8	20.3	22.4	20.0	20.3	21.5	19.6	18.5

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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
NUMBER OF UNEMPLOYED								
Total, 16 years and over	9,442	8,533	7,043	6,354	1,999	1,781	1,187	1,050
Job losers	4,964	4,480	3,872	3,415	913	882	696	594
On layoff	1,062	983	887	800	142	158	118	85
Other job losers	3,902	3,497	2,985	2,614	770	723	578	509
Job leavers	1,071	951	828	743	189	170	93	94
Reentrants	2,375	2,171	1,689	1,581	591	475	233	225
New entrants	1,032	931	654	615	307	254	166	137
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	52.6	52.5	55.0	53.7	45.6	49.5	58.6	56.6
On layoff	11.2	11.5	12.6	12.6	7.1	8.9	10.0	8.1
Other job losers	41.3	41.0	42.4	41.1	38.5	40.6	48.7	48.4
Job leavers	11.3	11.1	11.8	11.7	9.5	9.5	7.9	9.0
Reentrants	25.2	25.4	24.0	24.9	29.6	26.7	19.6	21.4
New entrants	10.9	10.9	9.3	9.7	15.4	14.3	14.0	13.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.9	3.5	3.5	3.1	6.4	6.2	6.6	5.7
Job leavers .....	.8	.7	.8	.7	1.3	1.2	.9	.9
Reentrants	1.9	1.7	1.5	1.4	4.2	3.4	2.3	2.1
New entrants .....	.8	.7	.6	.6	2.2	1.8	1.6	1.3

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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							
	III 1992	III 1993	Total		Employed		Unemployed			
			III 1992	III 1993	III 1992	III 1993	Number		Percent of labor force	
							III 1992	III 1993	III 1992	III 1993
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,869	7,915	7,117	7,038	6,756	6,721	360	317	5.1	4.5
35 to 49 years	6,224	5,885	5,880	5,488	5,584	5,233	295	255	5.0	4.6
35 to 39 years	908	703	855	645	799	598	56	48	6.6	7.3
40 to 44 years	2,627	2,225	2,488	2,082	2,364	1,986	124	96	5.0	4.6
45 to 49 years	2,689	2,958	2,537	2,761	2,422	2,649	115	111	4.5	4.0
50 years and over	1,645	2,030	1,237	1,550	1,172	1,488	65	62	5.2	4.0
NONVETERANS										
Total, 35 to 49 years	19,555	20,519	18,224	19,101	17,233	18,186	991	914	5.4	4.8
35 to 39 years	8,813	9,047	8,329	8,529	7,835	8,101	494	428	5.9	5.0
40 to 44 years	6,273	6,834	5,843	6,375	5,556	6,095	286	280	4.9	4.4
45 to 49 years	4,469	4,638	4,052	4,197	3,840	3,991	211	206	5.2	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.

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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
Total, 35 to 49 years												
Civilian noninstitutional population	5,577	5,285	548	501	236	198	16,696	17,471	1,936	2,052	1,818	1,982
Civilian labor force	5,314	4,964	479	436	226	178	15,731	16,465	1,644	1,733	1,663	1,829
Employed	5,061	4,750	443	401	213	175	14,955	15,759	1,479	1,581	1,487	1,682
Unemployed	253	214	35	35	13	3	776	706	166	153	177	147
Unemployment rate	4.8	4.3	7.4	8.0	5.8	1.6	4.9	4.3	10.1	8.8	10.6	8.0
35 to 39 years												
Civilian noninstitutional population	780	601	101	86	54	26	7,573	7,778	857	877	814	841
Civilian labor force	740	553	92	78	51	25	7,234	7,410	737	764	761	794
Employed	696	514	83	70	45	24	6,848	7,081	654	692	674	726
Unemployed	44	39	9	8	6	1	386	329	83	72	88	68
Unemployment rate	6.0	7.0	9.9	10.5	(¹)	(¹)	5.3	4.4	11.3	9.4	11.5	8.5
40 to 44 years												
Civilian noninstitutional population	2,369	2,008	228	182	91	89	5,318	5,794	659	724	595	670
Civilian labor force	2,259	1,885	200	164	86	79	5,011	5,470	559	615	549	619
Employed	2,150	1,806	188	146	82	77	4,784	5,245	514	570	496	579
Unemployed	109	78	12	18	4	2	226	225	45	45	53	40
Unemployment rate	4.8	4.1	6.1	11.0	4.7	3.0	4.5	4.1	8.0	7.3	9.7	6.5
45 to 49 years												
Civilian noninstitutional population	2,428	2,677	219	233	91	83	3,806	3,899	420	451	409	471
Civilian labor force	2,314	2,527	187	193	88	74	3,486	3,584	349	354	352	415
Employed	2,215	2,430	173	185	85	74	3,322	3,432	311	319	317	377
Unemployed	99	97	14	9	3	—	164	152	37	36	35	39
Unemployment rate	4.3	3.8	7.5	4.4	3.1	(¹)	4.7	4.2	10.7	10.1	10.0	9.3

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

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

and Hispanic-origin groups will not sum to totals because data for the "other 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	III 1992					III 1993				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	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	67,028	6,736	29.8	70.2	62.7	67,537	6,085	29.7	70.3	62.9
With children under 18 years of age	32,642	3,704	33.0	67.0	60.2	32,726	3,324	33.7	66.3	59.7
Married-couple families	52,001	4,631	19.8	80.2	72.9	52,128	4,104	18.6	81.4	74.4
With children under 18 years of age	24,157	2,594	18.5	81.5	74.7	23,916	2,267	17.3	82.7	76.0
Families maintained by women	11,757	1,647	53.6	46.4	37.9	12,062	1,564	53.8	46.2	37.7
With children under 18 years of age	7,090	959	66.3	33.7	26.2	7,282	883	68.2	31.8	24.5
Families maintained by men	3,271	458	45.4	54.6	48.7	3,347	417	49.2	50.8	45.8
With children under 18 years of age	1,395	151	69.5	30.5	27.8	1,528	174	71.3	28.7	27.0
White										
Total families	57,123	5,069	27.2	72.8	65.4	57,434	4,564	26.3	73.7	65.9
With children under 18 years of age	26,905	2,716	28.7	71.3	64.5	26,943	2,457	28.8	71.2	64.2
Married-couple families	46,732	3,869	20.0	80.0	72.6	46,857	3,409	18.2	81.8	74.4
With children under 18 years of age	21,287	2,129	18.5	81.5	74.5	21,122	1,873	17.4	82.6	75.8
Families maintained by women	7,803	868	51.8	48.2	40.2	7,932	850	50.8	49.2	38.8
With children under 18 years of age	4,505	470	65.1	34.9	28.1	4,599	456	64.3	35.7	26.8
Families maintained by men	2,587	332	46.7	53.3	46.7	2,645	305	48.5	51.5	45.9
With children under 18 years of age	1,113	116	68.1	31.9	28.4	1,222	128	70.1	29.9	28.3
Black										
Total families	7,644	1,379	40.5	59.5	51.3	7,688	1,233	42.4	57.6	51.6
With children under 18 years of age	4,442	816	48.3	51.7	45.0	4,417	690	50.8	49.2	43.8
Married-couple families	3,538	550	19.3	80.7	72.9	3,456	490	19.4	80.6	75.1
With children under 18 years of age	1,844	329	18.8	81.2	75.1	1,752	256	12.9	87.1	81.3
Families maintained by women	3,580	723	56.4	43.6	34.7	3,702	659	58.7	41.3	35.0
With children under 18 years of age	2,369	456	68.0	32.0	24.3	2,424	399	73.2	26.8	21.3
Families maintained by men	525	106	42.5	57.5	52.8	530	85	48.2	51.8	47.1
With children under 18 years of age	230	30	(¹)	(¹)	(¹)	241	35	(¹)	(¹)	(¹)
Hispanic origin										
Total families	5,187	836	33.9	66.1	60.6	5,418	769	28.0	72.0	64.0
With children under 18 years of age	3,357	547	35.8	64.2	58.7	3,465	496	32.3	67.7	59.9
Married-couple families	3,488	567	24.7	75.3	69.7	3,621	532	20.1	79.9	72.4
With children under 18 years of age	2,299	387	23.8	76.2	70.8	2,317	360	21.4	78.6	70.8
Families maintained by women	1,254	191	56.5	43.5	37.7	1,346	177	47.2	52.8	44.4
With children under 18 years of age	882	128	64.1	35.9	29.7	939	110	59.1	40.9	31.8
Families maintained by men	445	78	44.9	55.1	51.3	451	60	41.7	58.3	48.3
With children under 18 years of age	176	32	(¹)	(¹)	(¹)	209	26	(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.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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	III 1992				III 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	7,587	31.6	68.4	61.0	6,796	31.3	68.7	61.4
Husbands	1,791	36.0	64.0	52.1	1,527	35.0	65.0	53.3
With children under 18 years of age	1,041	40.0	60.0	48.1	913	38.2	61.8	49.9
Wives	1,588	18.4	81.6	76.8	1,436	16.1	83.9	78.9
With children under 18 years of age	981	15.0	85.0	80.8	822	12.6	87.4	83.3
Relatives in married-couple families	1,823	11.8	88.2	83.7	1,593	12.0	88.0	83.6
Women who maintain families	777	81.7	18.3	12.2	727	80.4	19.6	12.2
With children under 18 years of age	648	88.5	11.5	6.5	589	88.7	11.3	5.4
Relatives in families maintained by women	1,099	33.4	66.6	56.1	1,059	34.6	65.4	56.6
Men who maintain families	221	71.9	28.1	22.9	206	76.3	23.7	19.4
With children under 18 years of age	110	89.8	10.2	8.5	121	95.9	4.1	3.8
Relatives in families maintained by men	287	29.0	71.0	65.1	248	25.7	74.3	66.7
White								
Total unemployed in families ¹	5,628	29.3	70.7	63.5	4,991	28.6	71.4	63.6
Husbands	1,517	36.5	63.5	51.3	1,288	34.5	65.5	53.1
With children under 18 years of age	849	40.9	59.1	46.7	756	38.6	61.4	48.9
Wives	1,358	18.6	81.4	76.2	1,223	16.0	84.0	79.3
With children under 18 years of age	819	14.6	85.4	80.8	681	12.1	87.9	84.1
Relatives in married-couple families	1,426	11.2	88.8	84.6	1,227	12.0	88.0	83.7
Women who maintain families	407	76.7	23.3	16.2	386	76.7	23.3	13.4
With children under 18 years of age	323	87.0	13.0	6.7	301	87.1	12.9	5.3
Relatives in families maintained by women	551	34.1	65.9	58.0	537	34.1	65.9	55.4
Men who maintain families	164	73.6	26.4	20.5	153	75.5	24.5	19.9
With children under 18 years of age	83	91.2	8.8	7.2	88	94.9	5.1	4.8
Relatives in families maintained by men	205	29.4	70.6	64.4	177	26.2	73.8	65.8
Black								
Total unemployed in families ¹	1,629	40.8	59.2	50.9	1,475	40.5	59.5	53.3
Husbands	203	33.6	66.4	54.9	155	33.4	66.6	56.5
With children under 18 years of age	141	35.5	64.5	55.0	89	27.7	72.3	60.7
Wives	162	18.2	81.8	78.6	145	17.7	82.3	76.1
With children under 18 years of age	114	16.2	83.8	80.8	95	13.1	86.9	82.8
Relatives in married-couple families	295	15.1	84.9	78.0	288	12.8	87.2	82.4
Women who maintain families	350	88.2	11.8	7.0	320	85.8	14.2	9.6
With children under 18 years of age	307	91.1	8.9	5.7	273	90.6	9.4	5.1
Relatives in families maintained by women	505	32.5	67.5	54.9	477	34.9	65.1	57.8
Men who maintain families	47	(²)	(²)	(²)	35	(²)	(²)	(²)
With children under 18 years of age	22	(²)	(²)	(²)	24	(²)	(²)	(²)
Relatives in families maintained by men	68	28.7	71.3	65.2	55	(²)	(²)	(²)
Hispanic origin								
Total unemployed in families ¹	974	35.9	64.1	58.4	861	30.4	69.6	61.1
Husbands	241	43.8	56.2	48.9	202	41.8	58.2	44.0
With children under 18 years of age	179	46.6	53.4	46.5	153	46.1	53.9	38.8
Wives	196	18.8	81.2	75.4	171	14.5	85.5	79.1
With children under 18 years of age	141	19.3	80.7	76.3	115	13.5	86.5	82.2
Relatives in married-couple families	235	17.9	82.1	77.5	228	13.9	86.1	83.6
Women who maintain families	91	62.6	37.4	12.7	82	69.6	30.4	23.3
With children under 18 years of age	82	83.9	16.1	11.9	61	81.1	18.9	11.0
Relatives in families maintained by women	120	37.5	62.5	55.6	112	33.8	66.2	56.0
Men who maintain families	42	(²)	(²)	(²)	27	(²)	(²)	(²)
With children under 18 years of age	23	(²)	(²)	(²)	17	(²)	(²)	(²)
Relatives in families maintained by men	48	(²)	(²)	(²)	39	(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	III 1992			III 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	94,938	22.8	77.2	67.4	95,594	22.8	77.2	67.3
Husbands	38,503	28.1	71.9	55.5	38,661	27.5	72.5	56.1
With children under 18 years of age	22,070	30.1	69.9	50.6	21,935	29.5	70.5	51.1
Wives	29,111	9.8	90.2	86.2	29,291	9.5	90.5	86.3
With children under 18 years of age	15,513	5.9	94.1	91.3	15,552	5.7	94.3	91.3
Relatives in married-couple families	11,758	7.0	93.0	89.3	11,590	7.9	92.1	88.7
Women who maintain families	6,607	64.9	35.1	24.3	6,860	65.0	35.0	24.7
With children under 18 years of age	4,240	82.8	17.2	8.9	4,423	82.9	17.1	9.2
Relatives in families maintained by women	4,905	24.7	75.3	65.9	5,117	24.7	75.3	65.8
Men who maintain families	2,340	57.8	42.2	33.8	2,405	59.6	40.4	32.1
With children under 18 years of age	1,153	85.7	14.3	8.9	1,246	85.0	15.0	8.7
Relatives in families maintained by men	1,713	16.6	83.4	78.4	1,669	17.2	82.8	77.8
White								
Total employed in families ¹	82,134	21.9	78.1	67.9	82,691	21.8	78.2	67.9
Husbands	34,686	28.4	71.6	54.6	34,810	27.6	72.4	55.3
With children under 18 years of age	19,647	30.6	69.4	49.1	19,525	29.9	70.1	49.6
Wives	25,917	9.4	90.6	86.7	26,168	9.3	90.7	86.5
With children under 18 years of age	13,586	5.2	94.8	92.2	13,674	5.4	94.6	91.7
Relatives in married-couple families	10,260	6.7	93.3	89.7	10,118	7.6	92.4	89.2
Women who maintain families	4,532	62.0	38.0	26.1	4,746	62.4	37.6	26.0
With children under 18 years of age	2,876	81.3	18.7	9.0	3,030	81.7	18.3	9.4
Relatives in families maintained by women	3,513	25.3	74.7	64.7	3,606	24.4	75.6	66.3
Men who maintain families	1,882	57.3	42.7	34.2	1,938	59.3	40.7	32.1
With children under 18 years of age	936	84.7	15.3	9.4	1,019	84.4	15.6	8.4
Relatives in families maintained by men	1,344	17.0	83.0	78.0	1,303	17.2	82.8	78.2
Black								
Total employed in families ¹	9,259	31.4	68.6	61.2	9,287	31.7	68.3	60.8
Husbands	2,475	22.4	77.6	67.0	2,478	23.4	76.8	65.9
With children under 18 years of age	1,535	21.7	78.3	67.7	1,543	22.0	78.0	67.8
Wives	2,149	15.7	84.3	79.9	2,077	12.2	87.8	83.6
With children under 18 years of age	1,292	12.8	87.2	83.2	1,241	7.4	92.6	89.0
Relatives in married-couple families	964	10.3	89.7	84.7	958	11.8	88.2	83.7
Women who maintain families	1,867	72.5	27.5	19.3	1,891	72.3	27.7	20.5
With children under 18 years of age	1,240	85.9	14.1	8.5	1,257	86.4	13.6	8.4
Relatives in families maintained by women	1,226	23.7	76.3	68.5	1,302	26.5	73.5	63.3
Men who maintain families	339	85.7	34.3	27.0	347	67.1	32.9	26.7
With children under 18 years of age	179	89.4	10.6	7.9	182	90.8	9.2	6.6
Relatives in families maintained by men	238	18.9	81.1	75.4	232	21.3	78.7	71.7
Hispanic origin								
Total employed in families ¹	7,256	26.6	73.4	64.9	7,537	26.5	73.5	64.9
Husbands	2,743	36.8	63.4	50.8	2,859	34.9	65.1	52.6
With children under 18 years of age	1,989	37.9	62.1	48.7	2,034	37.1	62.9	49.5
Wives	1,763	11.4	88.6	84.0	1,835	10.2	89.8	83.8
With children under 18 years of age	1,206	9.0	91.0	87.1	1,225	8.6	91.4	85.7
Relatives in married-couple families	1,049	5.1	94.9	90.2	1,067	7.1	92.9	89.0
Women who maintain families	579	65.2	34.8	25.8	594	66.3	33.7	24.3
With children under 18 years of age	412	78.5	21.5	12.8	427	79.9	20.1	11.1
Relatives in families maintained by women	479	22.8	77.2	67.1	514	25.6	74.4	65.1
Men who maintain families	332	48.2	51.8	45.4	354	50.1	49.9	41.9
With children under 18 years of age	132	86.6	13.4	9.2	172	81.0	19.0	14.8
Relatives in families maintained by men	310	8.3	91.7	86.2	313	9.3	90.7	86.9

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	
	III 1992	III 1993	III 1992	III 1993
TOTAL				
Total families with earners ¹	44,375	44,451	\$694	\$716
Married-couple families	34,333	33,960	786	815
One earner	12,342	11,927	475	484
Husband	8,923	8,821	545	567
Wife	2,735	2,482	303	305
Other family member	684	823	295	272
Two or more earners	21,991	22,033	958	987
Husband and wife	19,575	19,704	977	1,006
Husband and other family member(s)	1,696	1,669	884	928
Wife and other family member(s)	575	515	589	665
Other family members only	144	145	492	681
Families maintained by women	7,601	8,051	388	407
One earner	5,216	5,517	309	310
Householder	4,088	4,341	319	324
Other family member	1,128	1,176	261	247
Two or more earners	2,386	2,534	649	673
Families maintained by men	2,440	2,441	527	543
One earner	1,501	1,590	415	430
Two or more earners	939	850	790	818
White				
Total families with earners ¹	37,496	37,527	723	747
Married-couple families	30,361	30,111	799	825
One earner	10,947	10,698	491	496
Husband	8,078	7,834	560	584
Wife	2,308	2,167	305	300
Two or more earners	19,414	19,413	971	995
Husband and wife	17,320	17,360	986	1,012
Families maintained by women	5,213	5,490	411	436
Families maintained by men	1,921	1,926	566	571
Black				
Total families with earners ¹	5,301	5,281	464	500
Married-couple families	2,758	2,586	614	697
One earner	961	797	299	333
Husband	507	474	328	376
Wife	361	233	288	329
Two or more earners	1,797	1,789	812	883
Husband and wife	1,561	1,597	846	915
Families maintained by women	2,149	2,302	334	352
Families maintained by men	393	392	411	435
Hispanic origin				
Total families with earners ¹	3,920	3,981	507	513
Married-couple families	2,809	2,837	568	581
One earner	1,175	1,114	342	335
Husband	947	857	376	375
Wife	188	181	289	289
Two or more earners	1,633	1,723	749	738
Husband and wife	1,250	1,360	787	758
Families maintained by women	752	784	362	335
Families maintained by men	360	360	462	457

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	
	III 1992	III 1993	III 1992	III 1993
Married-couple families ¹	3,299	3,020	\$518	\$567
Husband unemployed	1,115	943	361	372
Wife only earner	814	693	316	318
Wife and other earner(s)	210	180	631	669
Other earner(s) only	91	70	(²)	(²)
Wife unemployed	905	846	488	522
Husband only earner	905	846	488	522
Husband and other earner(s)	205	178	860	847
Other earner(s) only	11	27	(²)	(²)
Other member(s) unemployed	1,062	1,026	776	863
Husband or wife earner	453	407	520	519
Both husband and wife earners	569	595	968	1,058
Other combinations of earners	41	24	(²)	(²)
Families maintained by women ¹	754	701	331	337
Householder unemployed	159	144	229	176
Other member(s) unemployed	595	557	362	379
Families maintained by men ¹	247	199	463	485

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	
	III 1992	III 1993	III 1992	III 1993
SEX AND AGE				
Total, 16 years and over	85,725	86,850	\$442	\$461
Men, 16 years and over	48,977	49,552	501	513
16 to 24 years	6,383	6,330	282	284
25 years and over	42,593	43,222	539	563
Women, 16 years and over	36,749	37,299	379	396
16 to 24 years	4,915	4,932	256	263
25 years and over	31,833	32,367	403	421
FAMILY RELATIONSHIP				
Husbands	30,509	31,031	575	589
Wives	19,186	19,361	396	413
Women who maintain families	5,087	5,278	367	395
Men who maintain families	1,947	1,947	455	492
Other persons in families:				
Men	6,638	6,654	297	297
Women	4,543	4,562	284	285
All other men ¹	9,883	9,919	461	487
All other women ¹	7,933	8,098	406	416
RACE, HISPANIC ORIGIN, AND SEX				
White	72,708	73,677	461	476
Men	42,290	42,698	516	530
Women	30,418	30,979	385	401
Black	9,851	9,933	347	374
Men	4,870	5,056	355	395
Women	4,981	4,877	339	355
Hispanic origin	7,133	7,309	325	328
Men	4,509	4,608	348	341
Women	2,624	2,701	302	314

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	
	III 1992	III 1993	III 1992	III 1993
SEX AND AGE				
Total, 16 years and over	19,045	19,405	\$135	\$140
Men, 16 years and over	6,104	6,261	123	129
16 to 24 years	3,136	3,257	110	114
25 years and over	2,969	3,004	149	155
Women, 16 years and over	12,941	13,143	141	146
16 to 24 years	3,721	3,820	108	115
25 years and over	9,220	9,323	160	164
FAMILY RELATIONSHIP				
Husbands	1,671	1,622	149	157
Wives	6,771	6,553	168	172
Women who maintain families	1,079	1,296	131	144
Men who maintain families	170	177	141	158
Other persons in families:				
Men	3,157	3,217	111	114
Women	3,230	3,346	106	110
All other men ¹	1,106	1,246	146	145
All other women ¹	1,862	1,948	133	146
RACE, HISPANIC ORIGIN, AND SEX				
White	16,817	16,783	137	141
Men	5,167	5,256	123	127
Women	11,450	11,527	143	148
Black	1,844	1,945	121	133
Men	730	723	121	131
Women	1,114	1,222	122	134
Hispanic origin	1,401	1,473	141	134
Men	571	596	139	139
Women	830	878	143	129

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	
	III 1992	III 1993	III 1992	III 1993
TOTAL				
Managerial and professional specialty	23,043	24,179	\$658	\$672
Executive, administrative, and managerial	11,109	11,817	651	654
Professional specialty	11,933	12,362	665	683
Technical, sales, and administrative support	26,238	26,547	405	419
Technicians and related support	3,801	3,479	504	521
Sales occupations	8,102	8,515	425	448
Administrative support, including clerical	14,334	14,553	379	391
Service occupations	9,498	9,342	284	289
Private household	367	402	182	186
Protective service	1,835	1,852	489	518
Service, except private household and protective	7,296	7,088	267	270
Precision production, craft, and repair	10,899	10,860	490	502
Mechanics and repairers	3,809	3,841	500	516
Construction trades	3,462	3,534	494	497
Other precision production, craft, and repair	3,428	3,484	470	494
Operators, fabricators, and laborers	14,556	14,416	363	371
Machine operators, assemblers, and inspectors	6,993	6,862	354	359
Transportation and material moving occupations	4,186	4,193	456	454
Handlers, equipment cleaners, helpers, and laborers	3,377	3,360	304	310
Farming, forestry, and fishing	1,690	1,506	263	263
Men				
Managerial and professional specialty	11,986	12,456	775	791
Executive, administrative, and managerial	6,291	6,586	781	790
Professional specialty	5,695	5,870	769	792
Technical, sales, and administrative support	10,018	10,184	518	529
Technicians and related support	2,067	1,806	594	585
Sales occupations	4,740	5,067	522	543
Administrative support, including clerical	3,212	3,312	470	492
Service occupations	4,633	4,604	324	349
Private household	17	19	(¹)	(¹)
Protective service	1,540	1,572	494	540
Service, except private household and protective	3,075	3,014	285	291
Precision production, craft, and repair	9,788	9,875	502	514
Mechanics and repairers	3,670	3,655	502	513
Construction trades	3,395	3,476	496	500
Other precision production, craft, and repair	2,723	2,745	510	539
Operators, fabricators, and laborers	11,042	11,123	398	402
Machine operators, assemblers, and inspectors	4,303	4,355	410	410
Transportation and material moving occupations	3,933	3,970	462	463
Handlers, equipment cleaners, helpers, and laborers	2,806	2,798	309	316
Farming, forestry, and fishing	1,509	1,309	268	269
Women				
Managerial and professional specialty	11,056	11,723	567	576
Executive, administrative, and managerial	4,818	5,231	521	523
Professional specialty	6,238	6,491	586	603
Technical, sales, and administrative support	16,220	16,363	362	377
Technicians and related support	1,735	1,674	421	473
Sales occupations	3,363	3,448	303	328
Administrative support, including clerical	11,123	11,242	363	374
Service occupations	4,865	4,738	255	255
Private household	350	383	183	183
Protective service	295	280	406	431
Service, except private household and protective	4,221	4,075	256	258
Precision production, craft, and repair	912	985	338	354
Mechanics and repairers	140	187	441	579
Construction trades	67	59	(¹)	(¹)
Other precision production, craft, and repair	705	739	321	320
Operators, fabricators, and laborers	3,514	3,292	287	293
Machine operators, assemblers, and inspectors	2,690	2,507	282	291
Transportation and material moving occupations	253	223	373	351
Handlers, equipment cleaners, helpers, and laborers	571	562	284	280
Farming, forestry, and fishing	181	197	218	239

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

**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					
	III 1992	III 1993	Total		Central cities		Suburbs	
			III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
TOTAL								
Civilian noninstitutional population	191,786	193,799	149,134	150,754	57,667	57,453	91,466	93,301
Civilian labor force	128,372	129,218	101,028	101,598	37,927	37,283	63,101	64,315
Percent of population	66.9	66.7	67.7	67.4	65.8	64.9	69.0	68.9
Employed	118,930	120,685	93,478	94,726	34,511	34,328	58,968	60,398
Unemployed	9,442	8,533	7,550	6,873	3,417	2,955	4,133	3,917
Unemployment rate	7.4	6.6	7.5	6.8	9.0	7.9	6.5	6.1
Not in labor force	63,414	64,581	48,106	49,156	19,740	20,169	28,366	28,986
Men, 20 years and over								
Civilian noninstitutional population	85,010	86,009	66,134	66,960	25,201	25,203	40,933	41,757
Civilian labor force	66,024	66,428	51,961	52,325	19,299	19,099	32,662	33,226
Percent of population	77.7	77.2	78.6	78.1	76.6	75.8	79.8	79.6
Employed	61,744	62,557	48,501	49,149	17,750	17,693	30,751	31,456
Unemployed	4,280	3,871	3,460	3,176	1,549	1,406	1,911	1,770
Unemployment rate	6.5	5.8	6.7	6.1	8.0	7.4	5.9	5.3
Not in labor force	18,986	19,581	14,174	14,635	5,903	6,104	8,271	8,531
Women, 20 years and over								
Civilian noninstitutional population	93,633	94,497	73,062	73,732	28,676	28,545	44,386	45,187
Civilian labor force	54,723	55,117	43,405	43,571	16,602	16,293	26,803	27,277
Percent of population	58.4	58.3	59.4	59.1	57.9	57.1	60.4	60.4
Employed	51,009	51,755	40,430	40,887	15,235	15,150	25,195	25,737
Unemployed	3,714	3,362	2,975	2,684	1,367	1,143	1,608	1,541
Unemployment rate	6.8	6.1	6.9	6.2	8.2	7.0	6.0	5.6
Not in labor force	38,910	39,380	29,658	30,161	12,074	12,252	17,583	17,909
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,144	13,293	9,937	10,061	3,790	3,705	6,147	6,357
Civilian labor force	7,625	7,673	5,662	5,703	2,026	1,891	3,636	3,811
Percent of population	58.0	57.7	57.0	56.7	53.5	51.0	59.1	60.0
Employed	6,177	6,373	4,548	4,669	1,526	1,484	3,022	3,205
Unemployed	1,448	1,300	1,114	1,013	500	407	614	606
Unemployment rate	19.0	16.9	19.7	17.8	24.7	21.5	16.9	15.9
Not in labor force	5,518	5,620	4,275	4,359	1,763	1,814	2,511	2,545
White								
Civilian noninstitutional population	162,788	164,078	124,500	125,349	42,361	41,874	82,139	83,476
Civilian labor force	109,478	110,301	84,881	85,297	28,318	27,838	56,544	57,459
Percent of population	67.3	67.2	68.2	68.0	66.8	66.5	68.8	68.8
Employed	102,433	103,947	79,372	80,306	26,226	26,067	53,146	54,239
Unemployed	7,043	6,354	5,469	4,991	2,092	1,771	3,397	3,220
Unemployment rate	6.4	5.8	6.5	5.9	7.4	6.4	6.0	5.6
Not in labor force	53,312	53,778	39,639	40,052	14,044	14,036	25,595	26,017
Black								
Civilian noninstitutional population	21,997	22,376	18,467	18,960	12,317	12,440	6,150	6,521
Civilian labor force	14,231	14,175	12,039	12,113	7,654	7,497	4,385	4,616
Percent of population	64.7	63.3	65.2	63.9	62.1	60.3	71.3	70.8
Employed	12,232	12,394	10,331	10,577	6,506	6,492	3,825	4,086
Unemployed	1,999	1,781	1,708	1,536	1,147	1,005	580	531
Unemployment rate	14.0	12.6	14.2	12.7	15.0	13.4	12.8	11.5
Not in labor force	7,765	8,201	6,428	6,847	4,663	4,943	1,765	1,904
Hispanic origin								
Civilian noninstitutional population	15,303	15,824	14,309	14,679	7,985	8,048	6,324	6,633
Civilian labor force	10,289	10,485	9,634	9,770	5,247	5,150	4,387	4,620
Percent of population	67.2	66.3	67.3	66.6	65.7	64.0	69.4	69.7
Employed	9,102	9,435	8,526	8,771	4,586	4,618	3,940	4,153
Unemployed	1,187	1,050	1,108	999	661	532	447	467
Unemployment rate	11.5	10.0	11.5	10.2	12.6	10.3	10.2	10.1
Not in labor force	5,013	5,339	4,675	4,910	2,738	2,897	1,937	2,013

**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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
TOTAL						
Civilian noninstitutional population	42,653	43,045	139,486	140,342	52,301	53,457
Civilian labor force	27,344	27,620	93,569	93,506	34,802	35,712
Percent of population	64.1	64.2	67.1	66.6	66.5	66.8
Employed	25,452	25,959	86,303	86,940	32,627	33,745
Unemployed	1,892	1,661	7,266	6,566	2,176	1,967
Unemployment rate	6.9	6.0	7.8	7.0	6.3	5.5
Not in labor force	15,309	15,425	45,916	46,836	17,498	17,745
Men, 20 years and over						
Civilian noninstitutional population	18,875	19,049	61,180	61,706	23,829	24,303
Civilian labor force	14,063	14,103	47,696	47,760	18,328	18,667
Percent of population	74.5	74.0	78.0	77.4	76.9	76.8
Employed	13,243	13,408	44,398	44,740	17,346	17,817
Unemployed	820	695	3,298	3,020	982	850
Unemployment rate	5.8	4.9	6.9	6.3	5.4	4.6
Not in labor force	4,812	4,946	13,485	13,946	5,501	5,635
Women, 20 years and over						
Civilian noninstitutional population	20,571	20,765	68,902	69,278	24,732	25,219
Civilian labor force	11,318	11,546	40,527	40,501	14,197	14,615
Percent of population	55.0	55.6	58.8	58.5	57.4	58.0
Employed	10,580	10,868	37,646	37,908	13,364	13,846
Unemployed	739	678	2,881	2,593	833	769
Unemployment rate	6.5	5.9	7.1	6.4	5.9	5.3
Not in labor force	9,252	9,219	28,375	28,777	10,535	10,603
Both sexes, 16 to 19 years						
Civilian noninstitutional population	3,207	3,232	9,404	9,357	3,740	3,936
Civilian labor force	1,963	1,971	5,347	5,244	2,278	2,430
Percent of population	61.2	61.0	56.9	56.0	60.9	61.7
Employed	1,629	1,684	4,260	4,292	1,917	2,081
Unemployed	334	287	1,087	952	361	348
Unemployment rate	17.0	14.6	20.3	18.2	15.8	14.3
Not in labor force	1,244	1,261	4,057	4,113	1,462	1,506
White						
Civilian noninstitutional population	38,288	38,729	114,434	114,457	48,354	49,621
Civilian labor force	24,615	25,004	77,220	76,990	32,256	33,311
Percent of population	64.3	64.6	67.5	67.3	66.7	67.1
Employed	23,061	23,641	72,090	72,359	30,343	31,588
Unemployed	1,554	1,363	5,130	4,631	1,913	1,723
Unemployment rate	6.3	5.5	6.6	6.0	5.9	5.2
Not in labor force	13,673	13,725	37,215	37,468	16,098	16,310
Black						
Civilian noninstitutional population	3,530	3,416	18,993	19,561	3,004	2,815
Civilian labor force	2,192	2,062	12,304	12,439	1,927	1,736
Percent of population	62.1	60.4	64.8	63.6	64.2	61.7
Employed	1,901	1,817	10,517	10,842	1,715	1,553
Unemployed	292	245	1,788	1,598	212	183
Unemployment rate	13.3	11.9	14.5	12.8	11.0	10.5
Not in labor force	1,337	1,354	6,689	7,122	1,077	1,079
Hispanic origin						
Civilian noninstitutional population	994	1,145	13,989	14,474	1,314	1,350
Civilian labor force	656	715	9,384	9,555	906	931
Percent of population	66.0	62.5	67.1	66.0	69.0	68.9
Employed	577	664	8,292	8,604	810	831
Unemployed	79	51	1,092	950	95	100
Unemployment rate	12.1	7.2	11.6	9.9	10.5	10.7
Not in labor force	339	429	4,606	4,919	406	420

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	
	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993	III 1992	III 1993
TOTAL												
Civilian noninstitutional population	26,793	26,242	164,993	167,557	17,174	16,895	131,960	133,859	9,619	9,347	33,033	33,698
Civilian labor force	15,693	14,932	112,679	114,286	9,890	9,401	91,138	92,197	5,803	5,531	21,541	22,089
Percent of population	58.6	56.9	68.3	68.2	57.6	55.6	69.1	68.9	60.3	59.2	65.2	65.5
Employed	13,835	13,272	105,095	107,413	8,530	8,171	84,949	86,554	5,306	5,101	20,146	20,858
Unemployed	1,857	1,660	7,584	6,874	1,360	1,230	6,190	5,643	497	430	1,395	1,231
Unemployment rate	11.8	11.1	6.7	6.0	13.8	13.1	6.8	6.1	8.6	7.8	6.5	5.6
Men, 20 years and over	10.2	9.9	6.0	5.3	12.0	12.0	6.1	5.5	7.2	6.3	5.5	4.6
Women, 20 years and over	11.0	10.4	6.2	5.6	12.7	11.8	6.2	5.6	8.1	7.9	6.1	5.4
Both sexes, 16 to 19 years	28.9	25.6	17.4	15.7	33.3	29.9	17.8	16.3	21.4	18.4	15.9	13.7
Men	27.5	26.3	18.5	16.7	33.0	30.7	19.2	17.5	19.2	18.4	16.5	14.1
Women	30.4	24.7	16.0	14.6	33.6	28.8	16.3	15.0	24.3	18.4	15.1	13.2
Not in labor force	11,101	11,310	52,314	53,271	7,285	7,494	40,821	41,661	3,816	3,816	11,493	11,609
White												
Civilian noninstitutional population	16,472	15,896	146,316	148,182	9,163	8,852	115,337	116,497	7,309	7,044	30,979	31,685
Civilian labor force	9,895	9,392	99,581	100,908	5,446	5,141	79,415	80,156	4,449	4,251	20,165	20,753
Percent of population	60.1	59.1	68.1	68.1	59.4	58.1	68.9	68.8	60.9	60.3	65.1	65.5
Employed	9,005	8,563	93,428	95,384	4,868	4,582	74,504	75,725	4,136	3,981	18,925	19,659
Unemployed	891	829	6,152	5,524	577	560	4,912	4,431	313	270	1,241	1,093
Unemployment rate	9.0	8.8	6.2	5.5	10.6	10.9	6.2	5.5	7.0	6.3	6.2	5.3
Men, 20 years and over	7.8	7.8	5.5	4.9	9.2	9.9	5.6	5.0	6.0	5.2	5.1	4.3
Women, 20 years and over	8.7	8.3	5.7	5.1	10.4	9.6	5.7	5.1	6.7	6.7	5.8	5.1
Both sexes, 16 to 19 years	21.0	20.7	15.4	13.8	24.1	25.9	15.2	14.0	17.3	13.9	15.7	13.0
Men	20.1	22.3	16.4	14.7	24.8	27.7	16.3	15.0	14.9	14.3	16.4	13.8
Women	21.9	18.7	14.2	12.8	23.5	23.4	14.0	12.9	20.0	13.4	14.9	12.2
Not in labor force	6,577	6,504	46,735	47,274	3,717	3,711	35,922	36,342	2,860	2,793	10,813	10,932
Black												
Civilian noninstitutional population	9,229	9,163	12,767	13,214	7,230	7,171	11,237	11,789	1,999	1,991	1,530	1,425
Civilian labor force	5,165	4,868	9,067	9,307	3,997	3,768	8,042	8,345	1,168	1,100	1,025	962
Percent of population	56.0	53.1	71.0	70.4	55.3	52.5	71.6	70.8	58.4	55.2	66.9	67.5
Employed	4,287	4,140	7,945	8,254	3,285	3,175	7,047	7,402	1,002	965	898	852
Unemployed	878	728	1,122	1,053	712	593	996	942	165	135	126	110
Unemployment rate	17.0	15.0	12.4	11.3	17.8	15.7	12.4	11.3	14.2	12.3	12.3	11.5
Men, 20 years and over	15.2	13.6	11.4	10.0	16.4	14.9	11.3	10.1	11.5	10.0	12.0	9.2
Women, 20 years and over	14.8	13.3	10.4	9.8	15.2	13.9	10.3	9.7	13.6	11.3	11.4	11.1
Both sexes, 16 to 19 years	42.4	34.3	34.7	32.1	44.3	35.4	36.7	32.5	35.7	31.1	20.4	29.1
Men	40.2	33.8	38.3	33.8	43.9	35.1	39.8	35.3	(¹)	(¹)	(¹)	(¹)
Women	44.7	34.9	30.7	30.2	44.7	35.7	33.1	29.4	(¹)	(¹)	(¹)	(¹)
Not in labor force	4,065	4,294	3,701	3,907	3,233	3,403	3,195	3,444	832	891	506	462
Hispanic origin												
Civilian noninstitutional population	4,628	4,483	10,675	11,341	4,290	4,105	10,019	10,574	338	378	656	766
Civilian labor force	2,708	2,550	7,582	7,935	2,491	2,342	7,143	7,428	216	208	439	508
Percent of population	58.5	56.9	71.0	70.0	58.1	57.1	71.3	70.2	64.0	54.9	67.0	66.2
Employed	2,337	2,204	6,765	7,232	2,147	2,016	6,379	6,756	190	188	386	476
Unemployed	371	346	817	703	345	327	764	672	26	20	53	32
Unemployment rate	13.7	13.6	10.8	8.9	13.8	14.0	10.7	9.0	12.1	9.5	12.1	6.2
Men, 20 years and over	11.6	11.4	9.2	7.4	12.0	11.7	9.3	7.6	7.7	7.5	8.1	5.3
Women, 20 years and over	13.6	13.5	10.6	9.0	13.5	13.7	10.5	9.1	15.2	10.9	12.3	6.8
Both sexes, 16 to 19 years	26.9	29.1	24.8	21.0	26.4	30.3	23.7	21.5	(¹)	(¹)	(¹)	(¹)
Men	23.5	29.4	26.3	19.4	22.6	30.5	24.9	20.0	(¹)	(¹)	(¹)	(¹)
Women	30.8	26.7	22.4	23.0	30.4	29.9	22.0	23.5	(¹)	(¹)	(¹)	(¹)
Not in labor force	1,920	1,933	3,093	3,405	1,798	1,763	2,876	3,147	122	170	217	259

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	Construction	Manufacturing	Total	Transportation 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	4,081	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	44,868	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	52,389	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	52,853	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 ²	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	48,886	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	3,292	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	78,285	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	86,897	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	68,821	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:															
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	110,058	91,239	23,006	602	4,577	17,827	87,052	5,719	6,125	19,702	6,588	30,099	2,912	4,462	11,445
June	110,101	91,278	22,941	596	4,574	17,771	87,160	5,711	6,110	19,751	6,590	30,175	2,901	4,451	11,471
July	110,338	91,497	22,948	595	4,593	17,760	87,390	5,709	6,126	19,790	6,604	30,320	2,896	4,477	11,468
August ^p	110,297	91,462	22,895	592	4,591	17,712	87,402	5,693	6,107	19,796	6,601	30,370	2,906	4,484	11,445
September ^p	110,453	91,547	22,887	597	4,596	17,694	87,566	5,705	6,111	19,837	6,611	30,396	2,910	4,497	11,499

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Total		108,384	109,129	110,098	110,091	110,926	-	-	-	-	-
Total private		90,819	90,673	92,242	92,413	92,299	73,775	73,663	75,193	75,362	75,256
Mining		632	621	605	601	602	448	442	428	426	427
Metal mining	10	52.8	53.5	51.1	48.0	-	41.1	42.0	40.8	38.3	-
Iron ores	101	8.1	9.1	9.1	6.0	-	5.9	7.0	7.3	4.7	-
Copper ores	102	15.2	15.2	14.9	14.8	-	12.4	12.3	12.2	12.2	-
Coal mining	12	127.1	124.7	99.9	95.9	-	103.0	100.7	79.7	76.0	-
Bituminous coal and lignite mining	122	118.3	115.9	92.3	87.9	-	95.7	93.4	73.5	69.5	-
Oil and gas extraction	13	345.9	337.7	350.1	352.6	350.6	223.8	219.4	228.8	232.1	-
Crude petroleum and natural gas	131	178.4	171.4	167.4	166.7	-	90.4	86.8	82.3	81.8	-
Oil and gas field services	138	161.8	160.6	176.9	180.2	-	129.2	128.5	142.4	146.1	-
Nonmetallic minerals, except fuels	14	106.3	105.5	103.9	104.3	-	80.2	79.6	79.0	79.3	-
Crushed and broken stone	142	39.2	38.9	39.0	39.1	-	30.4	30.1	30.7	30.8	-
Sand and gravel	144	34.8	34.6	34.4	34.5	-	-	-	-	-	-
Chemical and fertilizer minerals	147	15.0	14.8	13.4	13.4	-	-	-	-	-	-
Construction		4,773	4,712	4,873	4,917	4,872	3,704	3,652	3,811	3,850	3,812
General building contractors	15	1,124.6	1,103.8	1,115.8	1,117.4	1,101.7	809.1	790.1	800.8	801.5	-
Residential building construction	152	553.5	542.8	555.4	553.9	-	384.7	375.2	384.8	381.9	-
Operative builders	153	27.4	27.1	27.3	27.4	-	12.1	12.4	11.9	12.0	-
Nonresidential building construction	154	543.7	533.9	533.1	536.1	-	412.3	402.5	404.1	407.6	-
Heavy construction, except building	16	772.7	779.2	772.9	779.8	-	648.8	655.8	652.8	659.9	-
Highway and street construction	161	258.8	256.2	271.4	274.7	-	219.2	216.5	231.8	234.7	-
Heavy construction, except highway	162	513.9	523.0	501.5	505.1	-	429.6	439.3	421.0	425.2	-
Special trade contractors	17	2,875.2	2,829.0	2,984.5	3,019.9	-	2,246.2	2,205.8	2,356.9	2,389.0	-
Plumbing, heating, and air conditioning	171	623.8	614.1	638.6	642.8	-	455.8	447.6	469.5	474.3	-
Painting and paper hanging	172	170.5	169.0	181.4	187.5	-	141.6	140.5	153.0	158.4	-
Electrical work	173	515.2	507.8	524.0	527.0	-	399.0	392.3	407.7	410.4	-
Masonry, stonework, and plastering	174	426.7	419.4	445.9	456.5	-	365.8	358.6	385.5	395.0	-
Carpentry and floor work	175	176.8	173.5	177.4	182.6	-	131.6	128.5	133.2	138.5	-
Roofing, siding, and sheet metal work	176	204.7	203.5	217.3	220.1	-	163.1	162.5	176.3	179.5	-
Manufacturing		18,135	18,126	17,749	17,856	17,877	12,334	12,349	12,079	12,195	12,234
Durable goods		10,226	10,234	9,978	10,005	10,041	6,791	6,816	6,657	6,690	6,736
Lumber and wood products	24	689.6	686.9	694.9	698.8	698.9	567.1	565.4	572.5	576.8	577.2
Logging	241	80.4	80.3	79.7	80.1	-	66.0	66.3	65.2	66.0	-
Sawmills and planing mills	242	180.5	179.0	178.2	178.0	-	156.4	155.4	154.4	154.4	-
Sawmills and planing mills, general	2421	145.4	143.8	143.1	142.4	-	125.7	124.4	124.1	123.5	-
Hardwood dimension and flooring mills	2426	32.9	33.0	33.1	33.5	-	28.9	29.1	28.7	29.2	-
Millwork, plywood, and structural members	243	245.8	245.2	248.0	250.0	-	197.2	196.9	199.5	201.3	-
Millwork	2431	102.6	102.2	102.8	103.4	-	80.3	79.9	80.4	81.0	-
Wood kitchen cabinets	2434	67.2	67.2	68.8	69.0	-	53.1	53.3	54.6	54.8	-
Hardwood veneer and plywood	2435	22.6	22.5	22.6	23.0	-	19.4	19.4	19.4	19.7	-
Softwood veneer and plywood	2436	27.3	27.5	27.3	27.3	-	24.6	24.8	24.8	24.8	-
Wood containers	244	43.5	42.9	44.5	44.1	-	36.6	36.0	37.7	37.3	-
Wood buildings and mobile homes	245	58.5	58.9	63.8	65.0	-	45.2	45.4	49.8	51.1	-
Mobile homes	2451	41.9	42.4	47.0	48.3	-	34.5	35.0	38.9	40.3	-
Miscellaneous wood products	249	80.9	80.6	80.7	81.6	-	65.7	65.4	65.9	66.7	-
Furniture and fixtures	25	478.5	478.4	472.6	481.0	481.5	377.2	377.3	371.6	379.1	380.5
Household furniture	251	268.8	268.2	263.7	269.0	-	223.4	223.3	219.7	224.1	-
Wood household furniture	2511	120.7	120.3	117.7	121.3	-	103.2	102.9	100.9	103.9	-
Upholstered household furniture	2512	86.9	86.6	86.0	87.3	-	72.3	72.0	71.8	72.7	-
Metal household furniture	2514	18.8	19.5	17.7	17.1	-	14.8	15.6	14.0	13.5	-
Mattresses and bedspings	2515	28.1	28.1	28.8	29.2	-	21.4	21.5	21.9	22.3	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Durable goods—Continued											
Furniture and fixtures—Continued											
Office furniture	252	62.7	63.5	61.9	62.4	-	46.6	46.6	44.5	45.3	-
Public building and related furniture	253	35.4	35.4	34.4	36.1	-	27.9	27.9	27.2	28.8	-
Partitions and fixtures	254	77.1	77.1	78.1	78.8	-	56.3	56.8	57.3	57.7	-
Miscellaneous furniture and fixtures	259	34.5	34.2	34.5	34.7	-	23.0	22.7	22.9	23.2	-
Stone, clay, and glass products	32	524.2	523.8	520.3	523.3	523.1	406.5	406.8	401.5	404.9	405.3
Flat glass	321	14.6	14.6	14.1	14.1	-	11.4	11.5	11.0	10.8	-
Glass and glassware, pressed or blown	322	79.6	80.7	78.2	78.1	-	67.7	68.8	65.6	65.6	-
Glass containers	3221	36.4	36.6	35.3	35.1	-	32.8	33.1	31.6	31.5	-
Pressed and blown glass, nec	3229	43.2	44.1	42.9	43.0	-	34.9	35.7	34.0	34.1	-
Products of purchased glass	323	60.4	60.2	57.2	58.7	-	46.0	45.7	43.0	44.5	-
Cement, hydraulic	324	17.7	17.3	17.4	17.2	-	13.7	13.4	13.5	13.3	-
Structural clay products	325	31.2	31.6	31.4	31.8	-	24.2	24.6	24.3	24.7	-
Pottery and related products	326	37.5	37.8	37.9	38.0	-	29.4	29.5	29.6	29.7	-
Concrete, gypsum, and plaster products	327	194.6	193.6	196.6	197.8	-	148.6	147.8	150.1	151.5	-
Concrete block and brick	3271	17.2	17.0	17.1	17.1	-	11.1	11.0	11.1	11.1	-
Concrete products, nec	3272	64.5	64.6	63.9	64.3	-	48.2	48.4	47.7	48.3	-
Ready-mixed concrete	3273	96.0	95.3	98.7	99.4	-	76.1	75.4	77.9	78.6	-
Misc. nonmetallic mineral products	329	74.8	74.2	74.1	74.0	-	55.6	55.6	54.9	54.9	-
Abrasive products	3291	19.5	19.3	19.7	19.6	-	14.3	14.2	14.5	14.5	-
Asbestos products	3292	3.1	3.1	3.0	3.0	-	2.5	2.5	2.4	2.3	-
Mineral wool	3296	22.2	21.9	21.4	21.5	-	-	-	-	-	-
Primary metal industries	33	693.7	693.2	668.8	673.5	675.1	525.2	526.4	507.0	512.0	514.1
Blast furnaces and basic steel products	331	250.7	249.0	237.7	237.6	236.3	189.4	188.6	181.0	180.7	179.3
Blast furnaces and steel mills	3312	186.6	185.2	174.3	174.2	-	141.2	140.5	133.9	133.7	-
Steel pipe and tubes	3317	25.5	25.0	25.3	25.5	-	19.0	18.7	18.3	18.5	-
Iron and steel foundries	332	119.9	121.1	114.4	117.5	-	96.1	97.3	90.2	93.5	-
Gray and ductile iron foundries	3321	74.9	75.8	72.0	74.9	-	60.8	61.8	57.2	60.1	-
Malleable iron foundries	3322	5.9	6.0	5.8	6.0	-	4.9	4.9	4.6	4.7	-
Steel foundries, nec	3325	24.0	24.3	23.8	23.9	-	18.6	18.9	18.5	18.8	-
Primary nonferrous metals	333	43.9	43.6	42.6	42.4	-	33.5	33.2	32.2	32.1	-
Primary aluminum	3334	25.5	25.4	24.4	24.2	-	20.2	20.2	18.9	18.8	-
Nonferrous rolling and drawing	335	161.8	162.0	159.4	159.9	-	116.8	117.6	115.3	116.0	-
Copper rolling and drawing	3351	22.8	22.7	22.4	22.4	-	17.3	17.3	17.0	17.0	-
Aluminum sheet, plate, and foil	3353	24.4	24.5	23.1	23.3	-	16.2	16.2	15.2	15.2	-
Nonferrous wire drawing and insulating	3357	67.9	68.4	68.1	68.3	-	49.3	50.1	49.4	49.9	-
Nonferrous foundries (castings)	336	76.8	76.8	74.2	75.3	-	60.1	60.3	59.1	60.2	-
Aluminum foundries	3365	22.2	22.6	21.0	21.5	-	17.5	18.0	16.6	17.2	-
Fabricated metal products	34	1,323.4	1,327.9	1,296.3	1,306.9	1,314.8	971.5	977.9	952.8	964.6	973.1
Metal cans and shipping containers	341	45.1	44.7	42.8	42.9	-	38.9	38.7	37.0	37.0	-
Metal cans	3411	36.1	35.6	34.5	34.5	-	31.7	31.4	30.3	30.2	-
Cutlery, handtools, and hardware	342	122.9	123.3	122.0	122.0	-	90.6	91.4	90.5	90.7	-
Hand and edge tools, and blades and handsaws	3423.5	40.8	40.9	40.5	40.9	-	30.0	30.3	30.2	30.8	-
Hardware, nec	3429	70.3	70.7	69.6	69.2	-	52.4	53.0	52.2	51.8	-
Plumbing and heating, except electric	343	56.9	57.1	56.7	57.0	-	40.4	40.6	40.0	40.7	-
Plumbing fixture fittings and trim	3432	24.2	23.9	24.4	23.9	-	18.0	17.8	18.1	17.7	-
Heating equipment, except electric	3433	19.7	20.1	19.4	20.0	-	13.0	13.3	12.3	13.2	-
Fabricated structural metal products	344	393.2	392.6	388.3	389.7	-	278.3	278.5	275.3	277.6	-
Fabricated structural metal	3441	68.6	68.7	66.3	66.9	-	49.3	49.5	46.9	47.6	-
Metal doors, sash, and trim	3442	70.9	70.8	71.1	71.5	-	51.7	51.5	51.8	52.5	-
Fabricated plate work (boiler shops)	3443	98.7	98.9	95.1	94.9	-	66.3	66.8	64.4	64.3	-
Sheet metal work	3444	92.6	91.6	93.3	93.6	-	69.4	68.8	70.1	70.6	-
Architectural metal work	3446	26.9	26.7	25.4	25.3	-	18.6	18.6	17.8	17.8	-
Screw machine products, bolts, etc	345	89.3	89.5	88.8	88.8	-	68.0	68.2	68.2	68.1	-
Screw machine products	3451	44.2	44.6	44.7	44.6	-	35.8	36.0	36.4	36.2	-
Bolts, nuts, rivets, and washers	3452	45.1	44.9	44.1	44.2	-	32.2	32.2	31.8	31.9	-
Metal forgings and stampings	346	215.9	218.7	207.6	214.0	-	171.8	174.4	163.7	170.0	-
Iron and steel forgings	3462	28.7	29.3	28.3	28.1	-	21.7	22.4	21.5	21.2	-
Automotive stampings	3465	97.4	98.7	91.4	96.3	-	82.0	83.3	76.3	81.3	-
Metal stampings, nec	3469	77.8	78.6	76.4	78.1	-	59.1	59.7	57.5	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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Metal services, nec	347	114.7	115.6	112.6	113.8	-	88.4	89.3	87.3	88.5	-
Plating and polishing	3471	71.2	72.0	70.3	71.6	-	54.8	55.5	54.4	55.6	-
Metal coating and allied services	3479	43.5	43.6	42.3	42.2	-	33.6	33.8	32.9	32.9	-
Ordnance and accessories, nec	348	64.4	64.5	58.0	56.9	-	36.6	37.0	32.6	31.7	-
Ammunition, except for small arms, nec	3483	39.9	40.1	34.5	34.2	-	19.8	20.1	16.8	16.6	-
Miscellaneous fabricated metal products	349	221.0	221.9	219.5	221.8	-	158.5	159.8	158.2	160.3	-
Valves and pipe fittings, nec	3494	23.9	24.1	23.1	23.7	-	17.0	17.2	17.1	17.6	-
Misc. fabricated wire products	3496	51.6	51.4	51.0	52.2	-	38.9	38.8	38.6	39.7	-
Industrial machinery and equipment	35	1,911.0	1,916.4	1,890.1	1,882.1	1,893.0	1,137.9	1,147.0	1,139.3	1,135.5	1,149.6
Engines and turbines	351	87.1	88.3	87.6	87.3	-	54.2	55.4	54.4	54.2	-
Turbines and turbine generator sets	3511	28.2	28.5	28.1	28.1	-	16.7	16.9	16.3	16.3	-
Internal combustion engines, nec	3519	58.9	59.8	59.5	59.2	-	37.5	38.5	38.1	37.9	-
Farm and garden machinery	352	87.3	89.8	91.3	94.2	-	60.7	63.0	64.7	67.7	-
Farm machinery and equipment	3523	66.6	68.4	70.7	70.5	-	45.9	47.5	49.6	49.2	-
Construction and related machinery	353	204.5	204.8	208.1	207.4	-	121.9	122.9	126.6	126.6	-
Construction machinery	3531	76.4	77.0	79.3	78.4	-	45.2	46.1	48.4	47.6	-
Mining machinery	3532	15.7	15.8	14.2	14.5	-	9.3	9.4	8.1	8.5	-
Oil and gas field machinery	3533	37.7	37.3	37.5	37.4	-	23.7	23.5	24.7	24.7	-
Conveyors and conveying equipment	3535	33.1	33.3	34.9	34.8	-	18.0	18.3	19.3	19.5	-
Industrial trucks and tractors	3537	24.7	24.5	25.4	25.5	-	16.4	16.3	16.6	16.8	-
Metalworking machinery	354	300.7	302.6	304.7	304.1	-	210.5	212.5	212.8	212.7	-
Machine tools, metal cutting types	3541	37.5	37.8	36.4	36.4	-	23.0	23.2	22.0	21.9	-
Machine tools, metal forming types	3542	15.1	15.2	15.0	15.1	-	9.2	9.3	9.3	9.5	-
Special dies, tools, jigs, and fixtures	3544	136.4	137.9	141.2	141.4	-	103.3	104.8	107.1	107.4	-
Machine tool accessories	3545	48.3	48.4	48.1	47.8	-	33.8	34.1	33.1	33.0	-
Power driven handtools	3546	23.5	23.6	23.6	23.7	-	15.7	15.9	15.9	16.0	-
Special industry machinery	355	147.1	147.0	145.5	146.2	-	84.1	84.4	83.0	82.8	-
Textile machinery	3552	15.3	15.2	15.6	15.8	-	10.1	10.1	10.5	10.5	-
Printing trades machinery	3555	21.5	21.6	20.4	20.3	-	11.3	11.5	10.6	10.4	-
Food products machinery	3556	22.7	22.6	22.6	22.6	-	13.4	13.4	13.4	13.3	-
General industrial machinery	356	233.8	235.3	232.3	231.4	-	148.1	149.5	147.0	146.3	-
Pumps and pumping equipment	3561	31.3	31.4	30.1	30.0	-	17.5	17.5	16.7	16.6	-
Ball and roller bearings	3562	37.3	38.5	36.1	35.5	-	29.3	30.5	28.6	28.1	-
Air and gas compressors	3563	25.3	25.4	24.3	23.7	-	14.0	14.0	12.8	12.2	-
Blowers and fans	3564	31.2	31.0	31.8	31.8	-	21.2	21.0	21.3	21.4	-
Speed changers, drives, and gears	3566	15.8	15.9	16.3	16.4	-	11.1	11.1	11.5	11.5	-
Power transmission equipment, nec	3568	19.2	19.2	19.1	19.6	-	12.6	12.7	12.8	12.9	-
Computer and office equipment	357	389.8	388.4	359.9	354.6	-	128.8	129.4	119.4	117.4	-
Electronic computers	3571	239.2	237.3	207.8	203.1	-	60.6	60.1	53.2	52.1	-
Computer terminals, calculators, and office machines, nec	3575,8,9	57.9	58.2	56.3	55.5	-	25.9	26.9	23.7	22.9	-
Refrigeration and service machinery	358	172.3	171.5	175.0	171.4	-	120.8	120.2	122.6	118.9	-
Refrigeration and heating equipment	3585	117.2	116.2	118.2	114.8	-	86.1	85.3	86.7	83.2	-
Misc. industrial and commercial machinery	359	288.4	288.7	285.7	285.5	-	208.8	209.7	208.8	208.9	-
Carburetors, pistons, rings, valves	3592	20.9	21.0	20.4	20.6	-	16.8	16.9	16.5	16.6	-
Scales, balances, and industrial machinery, nec	3596,9	224.1	224.5	223.5	222.9	-	167.1	167.8	168.2	168.0	-
Electronic and other electrical equipment	36	1,517.5	1,519.0	1,503.0	1,503.1	1,507.0	964.6	967.2	956.2	955.2	962.8
Electric distribution equipment	361	82.5	82.3	80.4	80.7	-	56.7	56.5	55.6	55.7	-
Transformers, except electronic	3612	41.0	40.8	39.9	40.2	-	28.9	28.6	28.4	28.4	-
Switchgear and switchboard apparatus	3613	41.5	41.5	40.5	40.5	-	27.8	27.9	27.2	27.3	-
Electrical industrial apparatus	362	156.2	156.6	157.7	156.5	-	109.6	109.9	110.1	109.0	-
Motors and generators	3621	76.9	77.5	78.6	77.5	-	59.4	59.9	60.6	59.4	-
Relays and industrial controls	3625	60.2	60.0	59.7	59.7	-	36.9	36.8	35.7	35.8	-
Household appliances	363	114.1	115.8	119.5	119.5	-	90.5	92.1	95.4	94.7	-
Household refrigerators and freezers	3632	26.6	26.8	28.4	27.2	-	22.0	22.3	24.8	23.5	-
Household laundry equipment	3633	17.3	18.2	18.1	18.4	-	12.6	13.5	14.2	14.4	-
Electric housewares and fans	3634	29.1	29.8	28.8	31.0	-	22.5	23.1	22.2	24.4	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
		Durable goods—Continued									
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment	364	173.1	173.8	170.3	171.6	-	124.8	125.4	122.5	123.4	-
Electric lamps	3641	20.9	20.9	20.5	20.5	-	17.7	17.6	16.2	16.1	-
Current-carrying wiring devices	3643	63.9	64.4	63.3	63.1	-	42.4	42.7	42.0	41.9	-
Noncurrent-carrying wiring devices	3644	19.1	19.0	19.0	19.1	-	13.6	13.7	13.7	13.7	-
Residential lighting fixtures	3645	20.4	20.5	19.4	20.0	-	15.4	15.5	14.5	15.0	-
Household audio and video equipment	365	83.1	83.7	81.9	83.2	-	56.2	56.8	53.9	54.9	-
Household audio and video equipment	3651	59.2	59.4	57.9	58.7	-	38.3	38.5	36.6	37.1	-
Communications equipment	366	235.1	235.3	230.3	229.9	-	119.3	119.6	116.7	116.1	-
Telephone and telegraph apparatus	3661	107.7	108.1	105.2	104.4	-	59.1	59.3	57.3	56.6	-
Electronic components and accessories	367	522.6	520.9	515.6	513.8	-	303.4	302.9	299.9	299.1	-
Electron tubes	3671	26.0	25.8	23.4	23.2	-	17.4	17.1	15.7	15.4	-
Semiconductors and related devices	3674	217.2	215.8	214.7	213.7	-	90.5	89.9	90.8	90.8	-
Electronic components, nec	3679	124.0	123.5	121.7	120.9	-	80.4	80.2	79.3	78.6	-
Misc. electrical equipment and supplies	369	150.8	150.6	147.3	147.9	-	104.1	104.0	102.1	102.3	-
Storage batteries	3691	25.3	25.3	24.3	24.9	-	19.7	19.7	18.7	19.2	-
Engine electrical equipment	3694	63.3	63.1	62.3	61.4	-	48.1	48.0	48.1	47.0	-
Transportation equipment	37	1,802.9	1,803.6	1,697.9	1,698.5	1,710.9	1,128.4	1,133.5	1,074.9	1,076.2	1,085.6
Motor vehicles and equipment	371	806.5	811.7	802.4	811.0	822.9	617.6	622.2	613.3	619.7	627.9
Motor vehicles and car bodies	3711	313.7	317.1	304.4	310.2	-	227.5	230.0	218.4	221.4	-
Truck and bus bodies	3713	33.8	33.5	36.7	36.0	-	26.6	26.3	29.3	28.6	-
Motor vehicle parts and accessories	3714	414.2	416.8	412.8	416.8	-	328.6	331.4	326.8	331.4	-
Truck trailers	3715	27.1	27.1	29.9	29.6	-	21.5	21.5	24.2	23.7	-
Aircraft and parts	372	600.5	596.7	533.5	526.2	526.8	283.6	282.9	246.0	240.7	-
Aircraft	3721	327.8	326.0	298.9	297.0	-	135.2	134.7	121.6	119.8	-
Aircraft engines and engine parts	3724	124.2	123.9	109.0	106.3	-	63.0	63.2	52.6	51.5	-
Aircraft parts and equipment, nec	3728	148.5	146.8	125.6	122.9	-	85.4	85.0	71.8	69.4	-
Ship and boat building and repairing	373	166.4	167.7	154.0	154.3	-	127.2	129.1	119.6	119.9	-
Ship building and repairing	3731	121.3	122.4	108.2	108.6	-	90.7	92.3	82.2	82.4	-
Boat building and repairing	3732	45.1	45.3	45.8	45.7	-	36.5	36.8	37.4	37.5	-
Railroad equipment	374	27.8	27.6	26.4	27.2	-	20.8	20.7	19.6	20.1	-
Guided missiles, space vehicles, and parts	376	141.1	139.6	118.5	117.0	-	38.6	38.3	33.0	32.6	-
Guided missiles and space vehicles	3761	102.3	101.2	85.8	84.8	-	26.4	26.1	22.0	21.8	-
Miscellaneous transportation equipment	379	45.0	44.7	46.2	46.1	-	29.1	28.7	30.9	30.8	-
Travel trailers and campers	3792	16.7	17.0	18.8	18.8	-	13.4	13.6	15.3	15.3	-
Instruments and related products	38	921.0	917.5	876.8	875.6	870.4	451.7	449.9	426.1	426.5	424.7
Search and navigation equipment	381	223.3	222.2	198.6	198.3	-	70.7	70.8	62.0	62.0	-
Measuring and controlling devices	382	289.5	288.6	275.3	274.8	-	152.2	151.5	141.0	140.7	-
Environmental controls	3822	43.7	43.6	41.7	41.8	-	30.0	29.7	27.8	27.6	-
Process control instruments	3823	59.7	59.2	55.9	56.0	-	28.4	28.2	26.1	26.4	-
Instruments to measure electricity	3825	75.5	75.4	71.9	72.2	-	36.9	36.9	34.1	34.2	-
Medical instruments and supplies	384	265.4	265.0	264.4	264.7	-	153.8	153.9	151.7	152.3	-
Surgical and medical instruments	3841	107.7	107.6	109.2	110.7	-	63.9	63.9	64.2	65.9	-
Surgical appliances and supplies	3842	96.5	96.3	95.6	94.6	-	62.7	62.6	61.2	60.2	-
Ophthalmic goods	385	38.2	38.1	38.0	38.0	-	25.7	25.5	25.6	25.8	-
Photographic equipment and supplies	386	95.7	94.7	92.2	91.4	-	42.1	40.9	39.2	39.0	-
Watches, clocks, watchcases, and parts	387	8.9	8.9	8.3	8.4	-	7.2	7.3	6.6	6.7	-
Miscellaneous manufacturing industries	39	364.3	367.6	357.5	362.4	366.2	261.2	265.0	255.0	259.5	263.1
Jewelry, silverware, and plated ware	391	49.7	50.7	47.9	49.5	-	35.1	36.2	33.7	35.2	-
Jewelry, precious metal	3911	36.2	37.2	35.5	36.5	-	25.3	26.3	24.8	25.8	-
Musical instruments	393	13.0	13.0	12.5	13.2	-	10.7	10.7	10.1	10.7	-
Toys and sporting goods	394	105.2	107.2	104.5	103.6	-	75.4	78.3	74.5	73.6	-
Dolls, games, toys, and children's vehicles	3942,4	42.5	42.8	41.0	42.2	-	29.7	30.9	28.2	29.3	-
Sporting and athletic goods, nec	3949	62.7	64.4	63.5	61.4	-	45.7	47.4	46.3	44.3	-
Pens, pencils, office, and art supplies	395	32.5	32.4	31.3	31.3	-	22.0	21.6	21.2	21.1	-
Costume jewelry and notions	396	30.2	30.6	28.4	29.8	-	21.9	22.1	20.8	22.2	-
Costume jewelry	3961	18.3	18.8	16.8	18.1	-	12.8	13.1	11.9	13.1	-
Miscellaneous manufactures	399	133.7	133.7	132.9	135.0	-	96.1	96.1	94.7	96.7	-
Signs and advertising specialties	3993	53.2	53.2	54.0	54.4	-	36.8	36.9	36.8	37.2	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Nondurable goods		7,909	7,892	7,771	7,851	7,836	5,543	5,533	5,422	5,505	5,498
Food and kindred products	20	1,736.6	1,728.9	1,682.9	1,733.1	1,724.9	1,284.7	1,276.7	1,232.6	1,283.6	1,275.0
Meat products	201	436.3	438.3	442.2	445.9	-	370.9	372.0	376.5	379.8	-
Meat packing plants	2011	135.3	136.7	132.8	133.9	-	113.7	114.5	111.9	113.2	-
Sausages and other prepared meats	2013	90.0	89.8	91.4	92.4	-	68.1	68.0	70.0	70.8	-
Poultry slaughtering and processing	2015	211.0	211.8	218.0	219.6	-	189.1	189.5	194.6	195.8	-
Dairy products	202	155.0	153.6	154.7	153.7	-	97.1	96.4	98.5	97.1	-
Cheese, natural and processed	2022	40.9	40.4	39.9	39.6	-	32.1	32.0	32.2	31.8	-
Fluid milk	2026	70.5	70.5	69.7	69.5	-	36.5	36.5	36.9	36.5	-
Preserved fruits and vegetables	203	312.6	299.5	269.5	308.8	-	272.4	258.9	227.2	267.1	-
Canned specialties	2032	23.6	24.7	24.0	25.7	-	19.8	20.9	19.0	21.7	-
Canned fruits and vegetables	2033	134.7	124.1	101.3	131.4	-	120.6	109.5	87.3	116.3	-
Frozen fruits and vegetables	2037	57.0	55.6	51.0	56.1	-	50.8	49.5	44.4	50.3	-
Grain mill products	204	124.9	125.5	120.6	123.5	-	88.2	89.2	85.5	88.5	-
Flour and other grain mill products	2041	19.3	19.7	19.6	20.4	-	12.6	13.0	13.2	13.9	-
Prepared feeds, nec	2048	42.4	42.1	41.4	41.3	-	26.8	26.7	26.3	26.4	-
Bakery products	205	208.2	209.7	206.3	207.9	-	134.2	135.9	132.8	134.4	-
Bread, cake, and related products	2051	148.6	149.2	147.3	147.2	-	88.4	89.1	88.1	87.9	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	59.6	60.5	59.0	60.7	-	45.8	46.8	44.7	46.5	-
Sugar and confectionery products	206	102.3	109.1	93.2	98.6	-	79.3	85.8	70.8	76.0	-
Raw cane sugar	2061	7.1	7.4	5.6	6.8	-	5.4	5.6	4.5	5.4	-
Cane sugar refining	2062	5.1	5.1	4.9	4.9	-	3.7	3.7	3.5	3.5	-
Beet sugar	2063	7.1	9.4	7.2	7.7	-	5.8	8.3	6.0	6.6	-
Candy and other confectionery products	2064	52.9	55.4	46.5	49.9	-	42.5	44.6	36.4	39.7	-
Fats and oils	207	31.7	32.1	31.2	31.3	-	20.7	21.2	20.5	20.7	-
Beverages	208	179.2	178.6	180.2	179.8	-	80.0	79.4	81.6	82.0	-
Malt beverages	2082	39.7	39.6	39.1	38.9	-	23.8	24.0	24.2	23.9	-
Bottled and canned soft drinks	2086	94.8	94.1	98.1	98.1	-	34.0	33.5	37.3	37.4	-
Misc. food and kindred products	209	186.4	182.5	185.0	183.6	-	141.9	137.9	139.2	138.0	-
Tobacco products	21	50.9	51.6	43.3	46.2	48.5	38.8	39.7	31.4	34.4	37.2
Cigarettes	211	34.8	34.5	33.4	32.8	-	26.3	26.2	25.1	24.6	-
Textile mill products	22	673.9	677.0	662.9	666.9	668.6	577.0	579.8	563.1	567.2	569.8
Broadwoven fabric mills, cotton	221	86.2	86.8	83.9	84.0	-	76.6	77.1	74.1	74.4	-
Broadwoven fabric mills, synthetics	222	69.4	69.6	67.8	68.4	-	59.8	59.9	57.1	57.6	-
Broadwoven fabric mills, wool	223	17.4	17.6	17.7	17.7	-	14.5	14.7	15.0	15.0	-
Narrow fabric mills	224	21.3	21.5	20.9	21.6	-	18.0	18.2	17.5	18.2	-
Knitting mills	225	203.8	203.6	197.3	197.7	-	177.7	177.7	170.5	170.9	-
Women's hosiery, except socks	2251	29.6	29.4	27.4	27.5	-	26.5	26.2	24.1	24.1	-
Hosiery, nec	2252	40.4	39.9	39.2	39.1	-	36.4	36.0	35.2	35.2	-
Knit outerwear mills	2253	58.5	59.1	56.8	57.1	-	51.3	51.9	49.5	49.5	-
Knit underwear mills	2254	27.0	27.1	25.8	26.2	-	23.3	23.5	22.1	22.6	-
Weft knit fabric mills	2257	27.3	27.0	26.7	26.2	-	23.2	23.0	22.4	22.1	-
Textile finishing, except wool	226	67.7	68.2	68.5	68.6	-	55.9	56.4	56.1	56.2	-
Finishing plants, cotton	2261	30.3	30.7	30.7	31.0	-	25.1	25.5	25.6	25.8	-
Finishing plants, synthetics	2262	23.2	23.4	23.5	23.7	-	18.7	18.9	18.6	18.9	-
Carpets and rugs	227	59.1	59.4	59.9	60.5	-	47.9	48.1	48.1	48.7	-
Yarn and thread mills	228	97.8	98.9	96.7	97.2	-	87.5	88.5	86.3	87.0	-
Yarn spinning mills	2281	77.6	78.5	77.1	77.4	-	69.8	70.7	69.3	69.7	-
Throwing and winding mills	2282	13.6	13.7	13.2	13.2	-	11.8	11.8	11.4	11.6	-
Miscellaneous textile goods	229	51.2	51.4	50.2	51.2	-	39.1	39.2	38.4	39.2	-
Apparel and other textile products	23	1,004.3	1,003.2	958.0	975.7	975.9	841.9	841.5	800.2	816.9	817.7
Men's and boys' suits and coats	231	44.3	44.3	42.2	42.7	-	36.9	36.9	34.7	35.4	-
Men's and boys' furnishings	232	279.7	277.5	268.3	274.6	-	241.1	239.2	230.5	236.8	-
Men's and boys' shirts	2321	67.3	67.1	61.5	64.9	-	57.7	57.7	52.2	55.9	-
Men's and boys' trousers and slacks	2325	85.1	83.1	83.0	84.7	-	74.5	72.6	72.7	74.0	-
Men's and boys' work clothing	2326	40.9	41.0	40.1	41.0	-	35.7	35.9	34.8	35.9	-
Women's and misses' outerwear	233	314.4	314.0	288.3	295.9	-	263.7	263.5	240.3	247.0	-
Women's and misses' blouses and shirts	2331	35.8	35.3	33.2	33.0	-	29.2	28.8	27.0	26.8	-
Women's, juniors', and misses' dresses	2335	55.1	54.9	46.9	49.2	-	44.9	44.5	37.4	39.3	-
Women's and misses' suits and coats	2337	34.0	33.8	30.9	32.1	-	28.6	28.5	25.8	27.0	-
Women's and misses' outerwear, nec	2339	189.5	190.0	177.3	181.6	-	161.0	161.7	150.1	153.9	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	58.6	59.0	54.9	54.9	-	47.9	48.5	45.3	45.3	-
Women's and children's underwear	2341	46.7	47.0	43.1	43.1	-	39.5	39.9	36.9	37.0	-
Brassieres, girdles, and allied garments	2342	11.9	12.0	11.8	11.8	-	8.4	8.6	8.4	8.3	-
Girls' and children's outerwear	236	48.5	48.7	45.1	45.4	-	41.2	41.3	38.2	38.5	-
Girls' and children's dresses and blouses	2361	19.2	19.4	18.5	18.5	-	16.5	16.7	15.7	15.7	-
Misc. apparel and accessories	238	41.4	41.4	39.6	40.5	-	33.7	33.8	31.9	32.9	-
Misc. fabricated textile products	239	197.8	198.3	198.1	200.3	-	160.9	161.6	161.2	163.2	-
Curtains and draperies	2391	20.3	20.5	19.2	19.5	-	16.8	17.1	15.3	15.5	-
House furnishings, nec	2392	51.6	52.2	49.9	50.2	-	43.5	44.1	42.5	42.7	-
Automotive and apparel trimmings	2396	51.3	50.6	51.3	52.0	-	41.6	41.1	41.2	42.0	-
Paper and allied products	26	692.3	692.9	684.3	683.1	682.3	522.2	523.4	517.4	516.2	515.7
Paper mills	262	174.3	174.0	170.4	169.0	-	132.5	132.2	130.3	128.8	-
Paperboard mills	263	52.3	52.2	52.3	51.8	-	40.2	40.2	40.0	39.7	-
Paperboard containers and boxes	265	211.8	213.6	210.1	211.3	-	165.8	167.7	164.2	165.5	-
Corrugated and solid fiber boxes	2653	120.8	122.1	121.6	121.9	-	90.7	92.0	91.8	92.2	-
Sanitary food containers	2656	16.2	16.1	16.6	16.5	-	14.2	14.2	14.6	14.5	-
Folding paperboard boxes	2657	49.8	50.2	48.5	48.8	-	40.3	40.7	39.2	39.5	-
Misc. converted paper products	267	240.0	239.2	237.9	237.8	-	172.9	172.5	172.3	172.1	-
Paper, coated and laminated, nec	2672	45.1	44.5	44.9	44.7	-	22.0	21.4	21.8	21.7	-
Bags: plastics, laminated, and coated	2673	36.4	36.2	35.4	35.6	-	27.2	27.1	26.5	26.6	-
Envelopes	2677	23.4	23.4	23.4	23.3	-	17.9	18.0	18.0	18.0	-
Printing and publishing	27	1,499.2	1,498.9	1,502.5	1,503.9	1,499.4	826.8	826.8	828.7	828.9	825.2
Newspapers	271	450.7	451.9	452.6	453.1	-	157.5	158.2	156.7	157.7	-
Periodicals	272	123.2	122.9	124.8	125.4	-	42.7	43.1	42.9	42.7	-
Books	273	116.3	114.8	119.1	117.9	-	63.6	62.5	64.8	63.4	-
Book publishing	2731	79.6	79.4	82.4	81.0	-	33.8	33.7	34.9	33.3	-
Book printing	2732	36.7	35.4	36.7	36.9	-	29.8	28.8	29.9	30.1	-
Miscellaneous publishing	274	79.8	80.1	80.3	80.5	-	39.2	38.4	38.4	38.1	-
Commercial printing	275	526.8	527.0	527.9	529.3	-	380.6	381.0	383.2	384.2	-
Commercial printing, lithographic	2752	345.6	345.9	346.2	346.6	-	247.9	248.8	250.1	250.2	-
Commercial printing, nec	2759	161.8	161.4	163.1	163.6	-	117.1	116.4	118.0	118.4	-
Manifold business forms	276	47.4	47.5	46.6	46.6	-	32.6	32.8	32.8	32.8	-
Blankbooks and bookbinding	278	69.3	68.8	66.4	66.1	-	52.7	52.2	50.6	50.6	-
Printing trade services	279	58.9	59.3	58.8	58.6	-	42.6	43.1	43.0	42.9	-
Chemicals and allied products	28	1,091.8	1,082.0	1,081.6	1,078.2	1,074.4	571.1	564.3	571.7	572.8	572.5
Industrial inorganic chemicals	281	137.6	136.6	137.5	136.8	-	61.3	60.7	59.0	58.9	-
Industrial inorganic chemicals, nec	2819	89.5	88.7	89.5	88.8	-	41.2	40.9	39.9	39.7	-
Plastics materials and synthetics	282	174.2	172.8	168.5	167.8	-	105.0	103.5	106.2	106.5	-
Plastics materials and resins	2821	85.0	84.5	83.3	83.1	-	52.0	51.5	52.0	52.3	-
Organic fibers, noncellulosic	2824	61.6	60.7	58.1	57.4	-	35.2	34.1	35.6	35.5	-
Drugs	283	259.2	257.0	263.4	262.7	-	112.8	111.6	115.3	115.4	-
Pharmaceutical preparations	2834	213.5	211.5	216.9	216.7	-	95.4	94.5	96.3	96.6	-
Soap, cleaners, and toilet goods	284	156.3	155.0	155.2	155.6	-	95.7	95.0	95.8	96.7	-
Soap and other detergents	2841	41.9	41.9	41.9	41.9	-	26.3	26.3	25.2	25.5	-
Polishing, sanitation, and finishing preparations	2842,3	43.1	42.6	43.2	43.0	-	23.8	23.4	25.1	25.2	-
Toilet preparations	2844	71.3	70.5	70.1	70.7	-	45.6	45.3	45.5	46.0	-
Paints and allied products	285	59.5	58.7	59.4	59.2	-	31.4	30.9	31.4	31.4	-
Industrial organic chemicals	286	154.1	152.1	151.4	150.3	-	75.5	74.0	78.9	79.1	-
Cyclic crudes and intermediates	2865	25.8	25.5	25.7	25.6	-	14.9	14.7	14.6	14.7	-
Industrial organic chemicals, nec	2869	125.0	123.3	122.4	121.5	-	58.2	56.9	61.9	62.0	-
Agricultural chemicals	287	57.9	57.2	56.9	56.6	-	34.2	33.6	32.6	32.4	-
Miscellaneous chemical products	289	93.0	92.6	89.3	89.2	-	55.2	55.0	52.5	52.4	-
Petroleum and coal products	29	162.0	159.6	158.5	158.1	155.9	107.2	105.8	104.6	103.8	102.5
Petroleum refining	291	121.0	119.0	116.4	116.1	-	78.4	77.2	74.8	74.4	-
Asphalt paving and roofing materials	295	29.2	28.9	30.4	30.3	-	22.5	22.4	23.7	23.3	-
Rubber and misc. plastics products	30	876.4	876.7	884.9	889.7	889.6	675.9	676.6	682.3	687.8	688.7
Tires and inner tubes	301	82.9	83.1	83.4	83.7	-	61.8	62.0	61.6	61.5	-
Rubber and plastics footwear	302	9.8	9.8	11.3	10.8	-	8.2	8.3	9.3	8.8	-
Hose, belting, gaskets, and packing	305	59.4	59.6	60.2	60.2	-	43.8	44.1	44.7	45.0	-
Rubber and plastics hose and belting	3052	23.5	23.6	23.1	23.1	-	17.9	18.1	17.7	17.8	-
Fabricated rubber products, nec	306	101.3	102.2	100.0	101.2	-	75.9	76.9	75.3	76.6	-
Miscellaneous plastics products, nec	308	623.0	622.0	630.0	633.8	-	486.2	485.3	491.4	495.9	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Nondurable goods—Continued											
Leather and leather products	31	121.2	121.2	112.5	116.4	116.0	97.7	98.4	90.2	93.5	93.3
Leather tanning and finishing	311	15.2	15.3	14.8	15.2	-	12.6	12.6	12.1	12.5	-
Footwear, except rubber	314	65.0	65.1	59.4	61.8	-	53.9	54.4	49.0	51.3	-
Men's footwear, except athletic	3143	29.0	29.4	28.3	29.0	-	22.9	23.4	22.3	22.9	-
Women's footwear, except athletic	3144	23.8	23.6	21.0	21.4	-	20.5	20.4	17.9	18.4	-
Luggage	316	10.3	10.4	9.9	10.1	-	7.4	7.5	7.5	7.3	-
Handbags and personal leather goods	317	12.7	12.7	10.9	11.7	-	9.3	9.5	7.6	8.4	-
Transportation and public utilities		5,700	5,757	5,709	5,694	5,758	4,759	4,819	4,779	4,768	4,828
Transportation		3,465	3,534	3,496	3,482	3,559	-	-	-	-	-
Railroad transportation	40	257.2	257.4	255.4	249.4	-	-	-	-	-	-
Class I railroads ²	4011	223.7	223.9	222.2	217.0	-	-	-	-	-	-
Local and interurban passenger transit	41	299.9	373.3	311.8	305.7	-	271.8	342.8	282.3	275.9	-
Local and suburban transportation	411	158.2	159.5	161.1	160.4	-	143.9	145.0	146.5	145.8	-
Taxicabs	412	29.3	29.3	28.0	27.8	-	-	-	-	-	-
Intercity and rural bus transportation	413	22.7	23.5	21.9	22.0	-	20.2	20.9	19.4	19.5	-
School buses	415	62.9	133.0	74.2	69.4	-	-	-	-	-	-
Trucking and warehousing	42	1,625.2	1,632.6	1,648.5	1,650.9	1,657.6	1,418.3	1,426.1	1,436.5	1,438.9	-
Trucking and courier services, except air	421	1,500.2	1,504.5	1,526.0	1,527.6	-	1,313.2	1,318.2	1,334.9	1,336.3	-
Public warehousing and storage	422	121.7	124.9	119.4	120.1	-	102.1	105.0	98.9	99.8	-
Water transportation	44	177.7	173.6	174.9	172.4	-	-	-	-	-	-
Water transportation of freight, nec	444	14.5	14.0	12.9	12.6	-	-	-	-	-	-
Water transportation services	449	109.0	107.4	110.2	107.6	-	96.6	95.1	97.6	95.4	-
Transportation by air	45	739.1	731.4	739.6	738.0	736.2	-	-	-	-	-
Air transportation, scheduled	451	610.0	603.3	610.6	610.1	-	-	-	-	-	-
Air transportation, scheduled	4512	509.9	503.3	500.1	499.6	-	-	-	-	-	-
Airports, flying fields, and services	458	98.2	97.9	98.6	97.8	-	-	-	-	-	-
Pipelines, except natural gas	46	19.2	18.9	18.0	17.9	-	14.7	14.4	14.0	13.9	-
Transportation services	47	346.9	346.6	347.5	347.2	-	272.9	272.7	271.8	272.3	-
Passenger transportation arrangement	472	183.1	183.3	184.0	183.9	-	142.8	143.4	143.9	143.7	-
Travel agencies	4724	146.4	146.3	148.4	148.9	-	113.8	113.8	114.8	115.4	-
Freight transportation arrangement	473	132.5	132.2	132.1	131.5	-	104.4	103.7	102.0	102.1	-
Communications and public utilities		2,235	2,223	2,213	2,212	2,199	-	-	-	-	-
Communications	48	1,271.6	1,269.3	1,254.9	1,255.1	-	980.7	982.4	975.1	974.4	-
Telephone communications	481	891.9	888.5	874.6	874.0	-	666.6	666.8	661.5	661.2	-
Telephone communications, except radio	4813	838.7	835.0	815.6	814.6	-	627.6	627.7	618.0	617.5	-
Radio and television broadcasting	483	225.2	225.8	226.2	226.4	-	187.7	188.4	189.4	188.6	-
Radio broadcasting stations	4832	111.6	111.5	112.1	112.2	-	-	-	-	-	-
Television broadcasting stations	4833	113.6	114.3	114.1	114.2	-	-	-	-	-	-
Cable and other pay television services	484	128.8	129.3	129.0	129.7	-	109.5	109.9	109.0	109.6	-
Electric, gas, and sanitary services	49	963.0	953.5	958.4	956.6	-	761.8	752.2	757.2	757.3	-
Electric services	491	445.5	440.1	437.8	436.7	-	346.8	341.8	343.2	343.7	-
Gas production and distribution	492	164.7	162.7	164.2	163.8	-	130.2	128.0	128.7	128.2	-
Combination utility services	493	193.8	191.6	190.9	190.1	-	150.0	147.8	145.3	144.9	-
Sanitary services	495	128.6	129.1	134.4	135.2	-	110.7	111.1	115.4	116.3	-
Wholesale trade		6,073	6,057	6,165	6,145	6,129	4,887	4,871	4,978	4,963	4,946
Durable goods	50	3,474	3,459	3,518	3,505	3,495	2,762	2,748	2,811	2,802	-
Motor vehicles, parts, and supplies	501	451.4	449.7	461.0	462.2	-	362.9	360.8	372.3	373.1	-
Automobiles and other motor vehicles	5012	111.9	112.3	114.3	114.2	-	-	-	-	-	-
Motor vehicle supplies and new parts	5013	269.5	267.8	275.2	276.0	-	-	-	-	-	-
Furniture and home furnishings	502	139.8	139.2	139.8	140.0	-	110.7	110.0	111.4	111.3	-
Furniture	5021	63.6	63.3	64.4	64.6	-	-	-	-	-	-
Home furnishings	5023	76.2	75.9	75.4	75.4	-	-	-	-	-	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a
Wholesale trade—Continued											
Durable goods—Continued											
Lumber and other construction materials	503	221.9	221.5	234.4	234.8	-	179.1	179.2	190.8	191.9	-
Lumber, plywood, and millwork	5031	113.3	113.1	119.7	120.3	-	-	-	-	-	-
Construction materials, nec	5039	39.6	39.8	40.4	40.7	-	-	-	-	-	-
Professional and commercial equipment	504	749.2	746.1	739.3	725.0	-	606.0	602.4	597.7	587.2	-
Office equipment	5044	186.3	185.4	184.8	182.5	-	-	-	-	-	-
Computers, peripherals and software	5045	277.0	274.8	259.1	247.8	-	-	-	-	-	-
Medical and hospital equipment	5047	149.0	149.2	157.8	157.7	-	122.8	122.5	129.6	129.8	-
Metals and minerals, except petroleum	505	130.7	130.6	133.3	133.4	-	103.6	103.4	106.3	106.5	-
Electrical goods	506	463.6	464.7	486.1	487.2	-	355.9	357.1	378.4	379.4	-
Electrical apparatus and equipment	5063	195.0	196.1	207.9	208.9	-	-	-	-	-	-
Electrical appliances, television and radio sets	5064	51.8	51.7	52.6	52.2	-	-	-	-	-	-
Electronic parts and equipment	5065	216.8	216.9	225.6	226.1	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	268.3	267.2	271.8	272.3	-	213.9	213.0	218.3	218.7	-
Hardware	5072	92.1	91.9	92.6	92.8	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	110.2	109.5	111.1	111.2	-	-	-	-	-	-
Machinery, equipment, and supplies	508	753.3	745.8	751.3	749.8	-	594.2	587.1	593.7	593.1	-
Construction and mining machinery	5082	72.5	71.9	73.3	72.5	-	-	-	-	-	-
Farm and garden machinery	5083	113.7	111.7	115.5	114.8	-	-	-	-	-	-
Industrial machinery and equipment	5084	306.9	305.1	307.6	306.9	-	-	-	-	-	-
Industrial supplies	5085	141.4	140.0	139.6	139.7	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	295.5	294.2	300.9	300.1	-	236.0	235.4	242.1	241.2	-
Scrap and waste materials	5093	107.9	108.2	107.3	107.8	-	-	-	-	-	-
Nondurable goods	51	2,599	2,598	2,647	2,640	2,634	2,125	2,123	2,167	2,161	-
Paper and paper products	511	237.5	237.4	246.4	246.8	-	191.9	191.9	200.3	200.3	-
Stationery and office supplies	5112	128.4	127.5	133.9	134.6	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	197.5	197.4	205.0	203.7	-	164.8	163.9	169.7	169.0	-
Apparel, piece goods, and notions	513	210.7	212.0	210.2	210.9	-	167.3	168.1	166.2	166.2	-
Groceries and related products	514	868.0	867.8	883.9	883.9	-	729.3	729.0	746.7	746.2	-
Groceries, general line	5141	272.2	271.8	277.4	277.6	-	-	-	-	-	-
Meats and meat products	5147	59.8	59.9	61.8	61.5	-	-	-	-	-	-
Fresh fruits and vegetables	5148	106.7	106.8	103.3	102.9	-	-	-	-	-	-
Farm-product raw materials	515	116.0	119.2	114.8	116.1	-	94.7	97.4	93.1	94.5	-
Chemicals and allied products	516	139.7	139.1	139.4	138.5	-	105.0	104.6	105.2	104.2	-
Petroleum and petroleum products	517	175.8	175.4	179.1	179.6	-	141.3	140.7	143.6	144.1	-
Petroleum bulk stations and terminals	5171	73.7	73.1	74.6	74.7	-	-	-	-	-	-
Petroleum products, nec	5172	102.1	102.3	104.5	104.9	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	150.4	149.6	152.0	151.9	-	122.4	121.7	124.5	124.6	-
Beer and ale	5181	98.3	97.3	99.8	99.7	-	-	-	-	-	-
Wine and distilled beverages	5182	52.1	52.3	52.2	52.2	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	502.9	500.2	515.9	508.7	-	408.1	405.5	417.8	411.4	-
Farm supplies	5191	157.3	156.2	167.2	163.9	-	-	-	-	-	-
Retail trade		19,527	19,463	19,909	19,974	19,916	17,215	17,145	17,542	17,600	17,536
Building materials and garden supplies	52	782.8	771.0	820.4	813.2	-	647.0	636.0	681.8	674.7	-
Lumber and other building materials	521	445.1	439.7	469.7	467.8	-	375.6	370.8	397.1	395.1	-
Paint, glass, and wallpaper stores	523	69.7	68.7	68.2	68.1	-	53.8	52.8	53.5	53.3	-
Hardware stores	525	157.2	154.6	162.1	161.6	-	128.8	126.1	133.1	132.8	-
Retail nurseries and garden stores	526	84.5	81.6	92.4	87.4	-	68.2	65.5	75.9	71.1	-
General merchandise stores	53	2,384.4	2,400.0	2,319.0	2,331.6	2,357.7	2,228.7	2,243.6	2,162.4	2,173.7	-
Department stores	531	2,013.6	2,028.4	1,962.8	1,976.6	-	1,898.3	1,913.0	1,845.9	1,859.8	-
Variety stores	533	161.1	160.7	156.3	156.7	-	145.4	144.9	141.1	140.7	-
Miscellaneous general merchandise stores	539	209.7	210.9	199.9	198.3	-	185.0	185.7	175.4	173.2	-
Food stores	54	3,174.4	3,177.2	3,233.4	3,229.2	3,217.2	2,892.3	2,892.5	2,948.4	2,945.0	-
Grocery stores	541	2,839.3	2,840.1	2,872.7	2,868.4	-	2,602.0	2,601.5	2,636.3	2,632.0	-
Meat and fish markets	542	48.3	48.8	54.2	54.3	-	-	-	-	-	-
Dairy products stores	545	18.8	18.0	18.4	18.9	-	-	-	-	-	-
Retail bakeries	546	162.0	164.7	166.5	165.3	-	145.0	146.8	148.4	148.0	-
Automotive dealers and service stations	55	2,004.4	1,993.6	2,063.8	2,070.2	2,065.2	1,670.8	1,658.0	1,717.8	1,722.8	-
New and used car dealers	551	883.8	884.8	912.5	916.5	-	734.4	735.2	760.1	763.6	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Retail trade—Continued											
Automotive dealers and service stations—Continued											
Auto and home supply stores	553	341.9	340.6	359.4	361.5	-	271.8	269.9	285.6	286.4	-
Gasoline service stations	554	626.6	619.4	623.3	623.4	-	543.0	534.9	537.6	537.6	-
Automotive dealers, nec	559	7.5	7.4	6.7	6.5	-	6.3	6.2	5.7	5.4	-
Apparel and accessory stores	56	1,128.6	1,109.0	1,133.6	1,140.6	1,121.8	934.7	914.9	932.4	937.2	-
Men's and boys' clothing stores	561	88.1	87.3	86.8	86.6	-	71.6	70.3	69.8	69.5	-
Women's clothing stores	562	368.6	366.8	370.6	367.9	-	303.1	301.0	301.5	298.7	-
Family clothing stores	565	299.7	290.9	307.7	310.0	-	258.4	250.4	264.7	267.1	-
Shoe stores	566	208.0	202.6	203.6	209.8	-	165.4	160.3	160.3	164.7	-
Furniture and home furnishings stores	57	799.2	800.1	835.3	836.4	-	646.8	648.7	677.7	678.7	-
Furniture and home furnishings stores	571	438.5	439.6	461.0	460.9	-	355.3	356.8	374.6	374.9	-
Furniture stores	5712	263.7	264.8	278.8	278.2	-	-	-	-	-	-
Household appliance stores	572	74.6	74.1	72.0	72.2	-	60.4	60.1	58.7	58.7	-
Radio, television, and computer stores	573	286.1	286.4	302.3	303.3	-	231.1	231.8	244.4	245.1	-
Radio, television, and electronic stores	5731	118.9	119.4	126.3	128.2	-	97.0	97.5	102.9	104.7	-
Record and prerecorded tape stores	5735	63.0	62.5	65.7	65.6	-	50.9	50.7	52.5	52.4	-
Eating and drinking places	58	6,812.8	6,768.1	7,057.7	7,102.3	7,065.0	6,171.7	6,125.2	6,395.4	6,435.5	-
Miscellaneous retail establishments	59	2,440.0	2,444.3	2,445.7	2,450.0	-	2,022.5	2,025.6	2,026.3	2,031.9	-
Drug stores and proprietary stores	591	602.9	601.4	602.7	600.7	-	501.3	499.5	504.2	500.8	-
Liquor stores	592	115.8	116.8	115.8	114.9	-	-	-	-	-	-
Used merchandise stores	593	80.5	80.3	82.8	83.6	-	67.2	67.1	69.0	69.7	-
Miscellaneous shopping goods stores	594	840.6	838.3	827.9	835.6	-	695.4	693.0	684.4	692.4	-
Sporting goods and bicycle shops	5941	157.0	156.9	160.5	162.3	-	-	-	-	-	-
Book stores	5942	95.5	100.8	85.7	90.2	-	-	-	-	-	-
Stationery stores	5943	71.3	71.7	69.6	70.9	-	-	-	-	-	-
Jewelry stores	5944	130.4	129.0	131.8	132.2	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	192.4	185.7	188.5	187.4	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	63.2	64.2	58.7	59.6	-	-	-	-	-	-
Nonstore retailers	596	288.0	295.9	273.1	271.1	-	246.3	253.2	230.8	230.4	-
Catalog and mail-order houses	5961	163.6	171.5	148.8	147.1	-	-	-	-	-	-
Merchandising machine operators	5962	74.8	75.4	75.4	75.4	-	-	-	-	-	-
Fuel dealers	598	96.2	97.1	95.6	94.8	-	78.9	79.7	79.3	78.9	-
Retail stores, nec	599	416.0	414.5	447.8	449.3	-	340.2	339.0	364.2	366.6	-
Florists, tobacco stores, and newsstands	5992,3,4	133.2	134.6	146.3	146.5	-	-	-	-	-	-
Finance, insurance, and real estate²		6,634	6,576	6,685	6,678	6,622	4,815	4,757	4,874	4,872	4,823
Finance		3,174	3,158	3,237	3,237	3,221	-	-	-	-	-
Depository institutions	60	2,111.6	2,098.3	2,133.4	2,130.3	2,114.0	1,531.5	1,516.6	1,548.7	1,546.1	-
Commercial banks	602	1,493.9	1,482.9	1,507.4	1,505.1	-	1,067.6	1,055.5	1,077.4	1,075.3	-
State commercial banks	6022	607.1	601.3	621.3	620.6	-	437.4	431.1	446.8	445.8	-
National and commercial banks, nec	6021,9	886.8	881.6	886.1	884.5	-	630.2	624.4	630.6	629.5	-
Savings institutions	603	356.8	354.8	358.9	357.8	-	-	-	-	-	-
Federal savings institutions	6035	194.7	192.8	191.0	190.8	-	-	-	-	-	-
Savings institutions, except federal	6036	162.1	162.0	167.9	167.0	-	-	-	-	-	-
Credit unions	606	139.4	139.5	145.9	146.1	-	110.5	110.3	116.1	116.3	-
Nondepository institutions	61	394.3	394.4	410.2	411.8	-	294.7	294.9	310.0	311.1	-
Personal credit institutions	614	125.1	125.0	122.7	122.4	-	92.5	92.5	91.3	90.7	-
Business credit institutions	615	80.3	80.0	79.8	79.9	-	-	-	-	-	-
Mortgage bankers and brokers	616	172.3	172.6	190.9	192.6	-	-	-	-	-	-
Security and commodity brokers	62	446.9	444.4	467.6	468.5	-	-	-	-	-	-
Security brokers and dealers	621	340.5	339.2	360.5	361.1	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges	622,3	23.4	23.1	22.6	22.5	-	-	-	-	-	-
Security and commodity services	628	83.0	82.1	84.5	84.9	-	53.9	53.1	55.0	55.3	-
Holding and other investment offices	67	220.8	220.9	226.1	226.5	-	-	-	-	-	-
Holding offices	671	100.5	100.5	99.8	99.5	-	-	-	-	-	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Finance, insurance, and real estate—Continued											
Insurance	63,64	2,131	2,119	2,122	2,118	2,106	-	-	-	-	-
Insurance carriers	63	1,480.4	1,471.3	1,472.8	1,468.6	-	1,006.9	999.7	1,018.1	1,018.7	-
Life insurance	631	536.7	532.1	522.3	520.8	-	328.9	325.3	329.0	330.4	-
Medical service and health insurance	632	268.5	268.3	274.0	273.8	-	218.3	218.2	223.5	223.1	-
Hospital and medical service plans	6324	207.4	207.8	213.2	213.2	-	172.6	173.0	178.3	177.9	-
Fire, marine, and casualty insurance	633	553.2	549.2	547.7	544.9	-	360.4	356.8	359.3	358.5	-
Title insurance	636	64.3	64.3	70.4	70.8	-	-	-	-	-	-
Insurance agents, brokers, and service	64	650.7	647.2	649.2	649.0	-	-	-	-	-	-
Real estate	65	1,329	1,299	1,326	1,323	1,295	-	-	-	-	-
Real estate operators and lessors	651	578.5	566.9	576.6	576.5	-	-	-	-	-	-
Real estate agents and managers	653	598.7	584.3	596.6	595.6	-	-	-	-	-	-
Subdividers and developers	655	120.1	116.7	119.0	117.1	-	-	-	-	-	-
Services		29,345	29,361	30,547	30,548	30,523	25,613	25,628	26,702	26,688	26,650
Agricultural services	07	535.4	516.2	570.9	563.2	551.3	451.3	433.7	480.4	473.9	-
Veterinary services	074	141.8	138.1	145.3	145.6	-	119.1	115.4	121.2	121.7	-
Landscape and horticultural services	078	350.3	335.7	382.4	374.5	-	296.4	283.5	324.0	316.8	-
Hotels and other lodging places	70	1,689.7	1,630.5	1,696.1	1,697.3	1,639.5	-	-	-	-	-
Hotels and motels	701	1,607.1	1,578.6	1,611.5	1,612.7	-	1,426.5	1,398.0	1,426.8	1,428.5	-
Personal services	72	1,073.3	1,084.9	1,086.8	1,084.4	1,097.9	-	-	-	-	-
Laundry, cleaning, and garment services	721	411.5	413.4	423.5	423.8	-	362.6	364.8	373.8	374.2	-
Photographic studios, portrait	722	70.5	75.2	72.5	73.8	-	-	-	-	-	-
Beauty shops	723	375.2	379.1	381.6	378.9	-	335.9	339.2	340.3	338.0	-
Funeral service and crematories	726	84.7	85.1	88.2	87.6	-	-	-	-	-	-
Miscellaneous personal services	729	111.4	112.6	102.1	101.5	-	93.7	92.9	84.7	84.4	-
Business services	73	5,412.9	5,451.3	5,795.4	5,864.7	5,894.5	4,782.5	4,820.8	5,148.9	5,219.9	-
Advertising	731	228.2	226.1	227.7	227.1	-	161.9	160.6	166.9	166.3	-
Advertising agencies	7311	155.7	153.9	152.6	153.0	-	-	-	-	-	-
Credit reporting and collection	732	115.1	115.2	116.4	116.0	-	-	-	-	-	-
Mailing, reproduction, and stenographic services	733	233.4	236.3	241.7	244.3	-	-	-	-	-	-
Photocopying and duplicating services	7334	52.7	52.3	52.9	53.3	-	43.4	42.9	43.3	43.7	-
Services to buildings	734	816.0	812.6	831.8	832.3	-	729.8	727.9	745.6	748.4	-
Miscellaneous equipment rental and leasing	735	210.1	209.6	219.1	217.8	-	168.7	167.9	175.9	175.0	-
Heavy construction equipment rental	7353	39.8	39.6	42.5	42.0	-	33.2	33.1	36.0	35.6	-
Personnel supply services	736	1,724.9	1,759.4	2,002.7	2,069.5	2,087.1	-	-	-	-	-
Employment agencies	7361	228.7	227.7	265.8	273.3	-	-	-	-	-	-
Help supply services	7363	1,496.2	1,531.7	1,736.9	1,796.2	-	1,451.4	1,485.9	1,683.7	1,742.4	-
Computer and data processing services	737	830.8	833.1	886.3	887.8	-	668.3	669.8	718.7	720.5	-
Computer programming services	7371	166.8	168.7	183.8	184.1	-	135.7	137.7	152.2	153.5	-
Prepackaged software	7372	131.6	130.3	144.9	145.8	-	-	-	-	-	-
Computer integrated systems design	7373	103.5	103.2	111.0	111.3	-	80.4	80.4	83.4	82.8	-
Data processing and preparation	7374	203.4	204.8	213.0	212.9	-	-	-	-	-	-
Information retrieval services	7375	45.7	45.8	50.2	49.9	-	36.1	35.9	39.6	39.6	-
Computer maintenance and repair	7378	42.6	42.7	40.8	40.3	-	36.6	36.5	34.2	33.5	-
Miscellaneous business services	738	1,254.4	1,259.0	1,269.7	1,269.9	-	1,105.7	1,110.3	1,115.5	1,115.2	-
Detective and armored car services	7381	467.3	473.2	477.2	479.3	-	437.1	442.3	445.0	447.3	-
Security systems services	7382	38.5	38.8	39.0	38.3	-	32.8	33.0	33.3	32.8	-
Photofinishing laboratories	7384	73.6	75.2	73.1	73.0	-	-	-	-	-	-
Auto repair, services, and parking	75	880.0	882.2	938.2	942.7	948.2	720.7	721.8	773.5	776.4	-
Automotive rentals, without drivers	751	162.9	161.8	170.5	171.7	-	129.0	128.1	137.7	139.3	-
Passenger car rental	7514	99.5	98.5	105.9	107.2	-	79.5	78.7	85.6	87.0	-
Automobile parking	752	57.6	57.9	57.7	57.9	-	51.3	51.5	51.1	51.2	-
Automotive repair shops	753	497.9	497.8	531.1	534.7	-	402.4	401.3	431.7	433.7	-
Automotive and tire repair shops	7532,4	171.3	172.2	184.2	185.1	-	140.0	140.3	151.4	152.1	-
General automotive repair shops	7538	206.7	206.3	220.7	222.7	-	167.7	167.1	180.4	181.3	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Services—Continued											
Auto repair, services, and parking—Continued											
Automotive services, except repair	754	161.6	164.7	178.9	178.4	-	138.0	140.9	153.0	152.2	-
Carwashes	7542	92.5	95.2	101.5	100.2	-	81.1	83.3	89.1	87.3	-
Miscellaneous repair services	76	349.7	347.8	359.7	360.2	359.5	284.7	283.9	293.4	293.4	-
Electrical repair shops	762	109.9	109.2	114.3	114.4	-	-	-	-	-	-
Motion pictures	78	409.6	393.7	423.4	431.0	419.0	338.1	322.1	352.7	359.5	-
Motion picture production and services	781	153.6	154.2	163.6	171.2	-	121.6	121.8	131.9	139.2	-
Motion picture theaters	783	116.4	103.6	117.7	116.1	-	-	-	-	-	-
Amusement and recreation services	79	1,351.8	1,253.3	1,380.8	1,378.5	1,241.3	1,198.9	1,103.0	1,221.6	1,211.5	-
Bowling centers	793	76.3	89.8	73.0	76.1	-	67.4	80.3	63.9	66.7	-
Misc. amusement and recreation services	799	972.7	873.2	1,004.0	1,001.5	-	872.9	773.4	899.3	888.7	-
Physical fitness facilities	7991	118.3	119.6	118.0	116.9	-	105.3	106.5	105.1	104.2	-
Membership sports and recreation clubs	7997	349.8	310.2	365.9	362.6	-	310.3	272.3	326.0	322.2	-
Health services	80	8,582.9	8,586.6	8,920.3	8,925.3	8,934.5	7,630.0	7,628.8	7,917.1	7,916.7	-
Offices and clinics of medical doctors	801	1,486.1	1,488.8	1,555.8	1,559.4	-	1,220.7	1,220.2	1,271.9	1,273.3	-
Offices and clinics of dentists	802	546.9	544.0	565.0	566.8	-	478.7	476.6	495.0	495.7	-
Offices and clinics of other health practitioners	804	330.4	330.7	356.5	357.4	-	270.6	269.8	294.1	294.4	-
Offices and clinics of chiropractors and optometrists	8041,2	149.7	148.6	157.7	157.6	-	-	-	-	-	-
Nursing and personal care facilities	805	1,553.2	1,555.2	1,620.8	1,625.8	-	1,403.7	1,406.1	1,463.2	1,467.9	-
Skilled nursing care facilities	8051	1,106.0	1,108.4	1,154.9	1,158.7	-	-	-	-	-	-
Intermediate care facilities	8052	222.0	220.9	231.8	232.2	-	200.1	199.2	208.6	208.7	-
Nursing and personal care, nec	8059	225.2	225.9	234.1	234.9	-	-	-	-	-	-
Hospitals	806	3,780.2	3,775.1	3,837.2	3,826.8	3,816.2	3,471.1	3,464.6	3,518.2	3,506.4	-
General medical and surgical hospitals	8062	3,477.3	3,472.9	3,529.4	3,521.5	-	-	-	-	-	-
Psychiatric hospitals	8063	101.8	101.4	100.1	98.6	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric	8069	201.1	200.8	207.7	206.7	-	-	-	-	-	-
Medical and dental laboratories	807	182.4	182.2	195.2	195.0	-	-	-	-	-	-
Home health care services	808	406.5	413.5	478.6	481.7	-	376.8	383.6	443.8	446.5	-
Legal services	81	923.2	910.0	947.0	938.3	925.9	746.3	733.0	765.2	756.4	-
Educational services	82	1,455.8	1,671.6	1,515.2	1,493.8	1,702.4	-	-	-	-	-
Elementary and secondary schools	821	421.5	465.9	445.4	438.9	-	-	-	-	-	-
Colleges and universities	822	820.8	999.4	854.7	841.2	-	-	-	-	-	-
Vocational schools	824	75.9	76.4	73.2	73.5	-	-	-	-	-	-
Social services	83	1,954.3	1,968.2	2,081.0	2,071.7	2,078.9	1,684.7	1,701.6	1,805.9	1,795.6	-
Individual and family services	832	530.0	524.5	566.4	561.6	-	459.8	455.4	492.2	487.1	-
Job training and related services	833	293.2	271.7	324.7	318.2	-	242.8	227.8	276.4	270.2	-
Child day care services	835	410.3	459.3	428.3	425.6	-	361.3	405.3	376.5	373.5	-
Residential care	836	541.7	538.5	579.2	582.4	-	474.3	470.8	506.7	509.8	-
Social services, nec	839	179.1	174.2	182.4	183.9	-	146.5	142.3	154.1	155.0	-
Museums and botanical and zoological gardens	84	78.6	75.5	83.0	82.3	77.7	-	-	-	-	-
Membership organizations	86	1,980.8	1,935.4	2,024.5	1,995.6	1,950.1	-	-	-	-	-
Business associations	861	105.8	103.8	105.3	109.6	-	-	-	-	-	-
Professional organizations	862	52.3	52.3	52.9	52.5	-	37.3	37.2	37.5	37.2	-
Labor organizations	863	135.7	136.4	131.4	129.7	-	-	-	-	-	-
Civic and social associations	864	448.0	404.8	497.6	466.2	-	-	-	-	-	-
Engineering and management services	87	2,482.7	2,468.4	2,540.2	2,534.2	2,518.0	1,893.2	1,875.9	1,944.6	1,936.1	-
Engineering and architectural services	871	757.3	751.5	781.0	779.5	-	620.1	614.8	642.7	641.1	-
Engineering services	8711	594.7	592.2	613.7	612.6	-	491.3	488.8	509.5	508.4	-
Architectural services	8712	114.3	112.2	115.8	115.7	-	88.7	87.1	90.3	90.1	-
Surveying services	8713	48.3	47.1	51.5	51.2	-	40.1	38.9	42.9	42.6	-
Accounting, auditing, and bookkeeping	872	496.4	498.7	489.4	486.8	-	358.8	356.7	351.8	348.4	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Services—Continued											
Engineering and management services—Continued											
Research and testing services	873	562.0	554.3	573.3	570.9	-	420.0	413.9	433.6	432.1	-
Commercial physical research	8731	236.2	234.0	235.0	234.3	-	161.3	159.8	166.8	166.3	-
Commercial nonphysical research	8732	102.1	102.0	105.9	105.0	-	82.1	81.7	84.3	83.3	-
Noncommercial research organizations	8733	143.0	138.8	148.3	147.4	-	110.6	107.5	115.2	114.7	-
Management and public relations	874	667.0	663.9	696.5	697.0	-	494.3	490.5	516.5	514.5	-
Public relations services	8743	31.1	31.2	31.7	31.7	-	22.2	22.3	22.9	22.6	-
Services, nec	89	42.2	42.8	41.9	41.9	-	33.0	33.4	33.2	33.0	-
Government		17,565	18,456	17,856	17,678	18,627	-	-	-	-	-
Federal Government ⁴		2,980	2,967	2,928	2,923	2,910	-	-	-	-	-
Executive, by agency ⁴		2,912.7	2,900.4	2,860.4	-	-	-	-	-	-	-
Department of Defense		920.8	910.7	870.4	-	-	-	-	-	-	-
Postal Service ⁵		785.3	788.3	783.2	-	-	-	-	-	-	-
Other executive agencies		1,206.6	1,201.4	1,206.8	-	-	-	-	-	-	-
Legislative		39.1	38.4	39.8	-	-	-	-	-	-	-
Judicial		27.7	27.7	27.8	-	-	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities		102.1	101.8	90.8	90.1	-	-	-	-	-	-
Ship building and repairing	3731	58.6	58.3	51.1	50.9	-	-	-	-	-	-
Transportation and public utilities, except Postal Service		34.2	34.1	33.6	33.2	-	-	-	-	-	-
Services		405.1	404.3	405.5	407.7	-	-	-	-	-	-
Hospitals	806	237.4	237.3	241.9	241.2	-	-	-	-	-	-
State government		4,171	4,367	4,240	4,237	4,425	-	-	-	-	-
Hospitals	806	420.5	419.2	419.6	416.4	-	-	-	-	-	-
Education	82	1,521.7	1,739.2	1,540.3	1,541.2	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		1,734.3	1,726.4	1,790.0	1,786.0	-	-	-	-	-	-
Local government		10,414	11,122	10,688	10,518	11,292	-	-	-	-	-
Transportation and public utilities		453.0	447.2	450.3	448.8	-	-	-	-	-	-
Hospitals	806	674.6	675.8	699.1	700.3	-	-	-	-	-	-
Education	82	5,074.7	6,047.9	5,275.4	5,187.8	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		3,752.1	3,558.0	3,791.8	3,758.0	-	-	-	-	-	-

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	June 1992	July 1992	May 1993	June 1993	July 1993
Total	52,612	51,715	53,480	53,538	52,643
Total private	42,570	42,449	43,022	43,311	43,236
Goods-producing	6,588	6,548	6,436	6,469	6,421
Mining	94	93	87	87	88
Construction	516	519	508	516	522
Manufacturing	5,978	5,936	5,841	5,866	5,811
Durable goods	2,744	2,714	2,671	2,675	2,641
Lumber and wood products	111	111	111	112	112
Furniture and fixtures	146	143	146	147	143
Stone, clay, and glass products	105	104	101	102	101
Primary metal industries	94	93	91	91	91
Fabricated metal products	295	290	288	289	285
Industrial machinery and equipment	424	420	419	418	412
Electronic and other electrical equipment	648	642	638	639	633
Transportation equipment	372	367	351	349	345
Instruments and related products	383	381	363	361	358
Miscellaneous manufacturing	167	165	165	166	162
Nondurable goods	3,234	3,222	3,170	3,191	3,170
Food and kindred products	534	562	513	526	546
Tobacco products	14	14	14	14	14
Textile mill products	326	321	319	320	316
Apparel and other textile products	793	771	767	765	738
Paper and allied products	170	169	165	168	168
Printing and publishing	664	661	668	667	665
Chemicals and allied products	338	337	335	339	339
Petroleum and coal products	27	27	25	25	25
Rubber and misc. plastics products	302	295	300	302	298
Leather and leather products	67	65	64	64	62
Service-producing	46,024	45,167	47,044	47,069	46,222
Transportation and public utilities	1,684	1,658	1,682	1,688	1,660
Wholesale trade	1,864	1,854	1,870	1,874	1,873
Retail trade	10,374	10,321	10,384	10,504	10,472
Finance, insurance, and real estate	4,206	4,201	4,174	4,207	4,223
Services	17,854	17,867	18,476	18,569	18,587
Government	10,042	9,266	10,458	10,227	9,407
Federal	1,239	1,236	1,212	1,219	1,217
State	2,136	2,084	2,262	2,159	2,111
Local	6,667	5,946	6,984	6,849	6,079

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Total	108,674	108,789	108,921	109,079	109,235	109,539	109,565	109,820	110,058	110,101	110,338	110,297	110,453
Total private	89,945	90,079	90,159	90,313	90,480	90,762	90,777	91,020	91,239	91,278	91,497	91,462	91,547
Goods-producing	23,012	22,995	22,995	22,985	23,001	23,069	23,016	22,980	23,006	22,941	22,948	22,895	22,887
Mining ¹	616	618	616	613	611	600	600	600	602	596	595	592	597
Oil and gas extraction	338	342	341	341	342	336	334	335	338	340	346	350	351
Construction ¹	4,447	4,466	4,462	4,459	4,454	4,515	4,481	4,517	4,577	4,574	4,593	4,591	4,596
General building contractors	1,056	1,056	1,054	1,047	1,049	1,058	1,049	1,062	1,067	1,063	1,060	1,051	1,053
Manufacturing	17,949	17,911	17,917	17,913	17,936	17,954	17,935	17,863	17,827	17,771	17,760	17,712	17,694
Durable goods	10,164	10,135	10,142	10,136	10,152	10,163	10,144	10,090	10,047	10,011	9,996	9,970	9,967
Lumber and wood products	671	677	681	683	683	690	690	683	678	677	678	680	683
Furniture and fixtures	475	475	476	477	477	480	480	480	482	481	482	479	478
Stone, clay, and glass products	512	511	511	511	510	515	513	511	512	511	511	511	511
Primary metal industries	689	687	686	683	684	683	682	678	678	673	672	671	670
Blast furnaces and basic steel products	248	247	245	243	242	242	241	240	239	237	237	236	235
Fabricated metal products	1,316	1,312	1,312	1,310	1,318	1,320	1,320	1,316	1,310	1,306	1,304	1,303	1,303
Industrial machinery and equipment	1,919	1,912	1,911	1,909	1,908	1,907	1,904	1,904	1,902	1,900	1,898	1,890	1,895
Electronic and other electrical equipment	1,515	1,512	1,513	1,514	1,517	1,520	1,525	1,519	1,513	1,508	1,506	1,502	1,502
Transportation equipment	1,789	1,776	1,782	1,784	1,792	1,786	1,771	1,743	1,723	1,712	1,706	1,700	1,696
Motor vehicles and equipment	800	801	813	818	841	833	827	810	803	804	807	812	812
Aircraft and parts	597	591	585	579	572	570	563	558	550	541	534	528	527
Instruments and related products	916	912	908	903	902	900	896	892	886	880	876	874	869
Miscellaneous manufacturing	362	361	362	362	361	362	363	364	363	363	363	360	360
Nondurable goods	7,785	7,776	7,775	7,777	7,784	7,791	7,791	7,773	7,780	7,760	7,764	7,742	7,727
Food and kindred products	1,646	1,649	1,650	1,650	1,656	1,659	1,658	1,651	1,650	1,646	1,645	1,651	1,643
Tobacco products	49	49	47	48	48	48	48	48	48	48	47	45	46
Textile mill products	671	667	668	670	669	670	669	670	670	667	668	663	662
Apparel and other textile products	997	994	993	992	993	993	992	987	988	983	979	973	969
Paper and allied products	690	687	687	686	685	684	684	682	682	681	680	678	679
Printing and publishing	1,504	1,501	1,501	1,501	1,499	1,502	1,503	1,503	1,506	1,503	1,506	1,507	1,504
Chemicals and allied products	1,081	1,082	1,081	1,080	1,080	1,078	1,078	1,074	1,077	1,075	1,076	1,071	1,073
Petroleum and coal products	157	157	157	156	157	157	156	156	156	155	155	154	154
Rubber and misc. plastics products	871	871	873	876	880	883	886	886	887	887	891	886	883
Leather and leather products	119	119	118	118	117	117	117	116	116	115	117	114	114
Service-producing	85,662	85,794	85,926	86,094	86,234	86,470	86,549	86,840	87,052	87,160	87,390	87,402	87,566
Transportation and public utilities	5,704	5,699	5,699	5,707	5,719	5,725	5,724	5,720	5,719	5,711	5,709	5,693	5,705
Transportation	3,486	3,484	3,485	3,495	3,508	3,515	3,513	3,513	3,515	3,510	3,514	3,499	3,510
Trucking and warehousing	1,608	1,600	1,606	1,611	1,624	1,626	1,627	1,629	1,630	1,624	1,632	1,631	1,633
Transportation by air	727	728	728	730	733	736	735	737	736	735	732	729	732
Communications and public utilities	2,218	2,215	2,214	2,212	2,211	2,210	2,211	2,207	2,204	2,201	2,195	2,194	2,195
Wholesale trade	6,037	6,052	6,061	6,062	6,086	6,097	6,103	6,110	6,125	6,110	6,126	6,107	6,111
Durable goods	3,458	3,463	3,466	3,464	3,476	3,480	3,482	3,488	3,489	3,488	3,497	3,488	3,495
Nondurable goods	2,579	2,589	2,595	2,598	2,610	2,617	2,621	2,622	2,636	2,622	2,629	2,619	2,616
Retail trade ¹	19,380	19,402	19,405	19,460	19,523	19,629	19,604	19,648	19,702	19,751	19,790	19,796	19,837
General merchandise stores	2,423	2,417	2,402	2,402	2,382	2,402	2,394	2,378	2,368	2,356	2,366	2,365	2,379
Food stores	3,181	3,177	3,176	3,175	3,186	3,195	3,198	3,199	3,205	3,220	3,217	3,226	3,220
Automotive dealers and service stations	1,976	1,981	1,987	1,996	2,003	2,013	2,018	2,021	2,026	2,029	2,033	2,040	2,047
Apparel and accessory stores	1,127	1,129	1,131	1,134	1,135	1,146	1,143	1,138	1,144	1,145	1,144	1,143	1,140
Eating and drinking places	6,632	6,646	6,670	6,703	6,737	6,765	6,743	6,803	6,843	6,865	6,892	6,902	6,926

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Finance, insurance, and real estate	6,565	6,570	6,569	6,575	6,578	6,577	6,574	6,585	6,588	6,590	6,604	6,601	6,611
Finance	3,161	3,165	3,168	3,177	3,184	3,184	3,185	3,195	3,197	3,201	3,214	3,214	3,224
Depository institutions	2,100	2,100	2,101	2,104	2,110	2,109	2,111	2,113	2,110	2,107	2,119	2,115	2,116
Insurance	2,126	2,124	2,121	2,116	2,111	2,108	2,109	2,108	2,110	2,112	2,114	2,114	2,112
Real estate	1,278	1,281	1,280	1,282	1,283	1,285	1,280	1,282	1,281	1,277	1,276	1,273	1,275
Services¹	29,247	29,361	29,430	29,524	29,573	29,665	29,756	29,977	30,099	30,175	30,320	30,370	30,396
Agricultural services	490	492	490	494	493	501	494	505	509	510	512	515	523
Hotels and other lodging places	1,580	1,569	1,564	1,566	1,565	1,566	1,563	1,564	1,572	1,580	1,584	1,579	1,589
Personal services	1,108	1,107	1,106	1,105	1,098	1,087	1,086	1,091	1,121	1,123	1,126	1,121	1,120
Business services	5,365	5,434	5,469	5,506	5,521	5,555	5,598	5,665	5,696	5,721	5,772	5,795	5,802
Personnel supply services	1,689	1,732	1,760	1,791	1,802	1,835	1,874	1,921	1,941	1,954	1,997	2,007	2,003
Auto repair, services, and parking	878	881	886	888	894	900	906	915	921	927	931	938	944
Miscellaneous repair services	345	346	348	347	350	351	352	353	354	356	355	356	356
Motion pictures	403	411	415	421	423	422	416	417	415	414	415	420	429
Amusement and recreation services	1,191	1,178	1,160	1,154	1,148	1,146	1,148	1,206	1,200	1,198	1,209	1,212	1,179
Health services	8,591	8,630	8,668	8,698	8,720	8,754	8,784	8,819	8,847	8,861	8,885	8,899	8,935
Hospitals	3,778	3,785	3,794	3,800	3,804	3,810	3,811	3,813	3,825	3,819	3,822	3,819	3,820
Legal services	917	917	919	921	924	926	928	930	931	929	929	930	932
Educational services	1,705	1,708	1,710	1,717	1,721	1,730	1,736	1,742	1,745	1,735	1,752	1,745	1,735
Social services	1,983	1,989	1,996	2,006	2,013	2,022	2,032	2,045	2,050	2,068	2,098	2,108	2,094
Museums and botanical and zoological gardens	74	74	74	74	74	74	73	75	76	76	76	77	76
Membership organizations	1,951	1,953	1,951	1,950	1,952	1,952	1,951	1,956	1,955	1,965	1,964	1,964	1,966
Engineering and management services	2,482	2,488	2,490	2,494	2,492	2,494	2,503	2,509	2,522	2,527	2,528	2,527	2,533
Government	18,729	18,710	18,762	18,766	18,755	18,777	18,788	18,800	18,819	18,823	18,841	18,835	18,906
Federal	2,966	2,945	2,943	2,968	2,945	2,944	2,938	2,923	2,912	2,901	2,896	2,906	2,910
State	4,436	4,426	4,424	4,431	4,435	4,439	4,443	4,458	4,462	4,451	4,477	4,484	4,497
Local	11,327	11,339	11,395	11,367	11,375	11,394	11,407	11,419	11,445	11,471	11,468	11,445	11,499

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total	52,534	52,533	52,547	52,589	52,667	52,732	52,816	52,937	52,943	53,103	53,254	53,307	53,468
Total private	42,435	42,420	42,453	42,510	42,538	42,610	42,690	42,791	42,784	42,937	43,075	43,103	43,210
Goods-producing	6,563	6,516	6,496	6,483	6,483	6,483	6,492	6,498	6,489	6,472	6,461	6,433	6,432
Mining	91	91	91	91	91	90	90	88	87	87	87	86	87
Construction	508	508	508	505	506	504	506	510	507	507	506	508	511
Manufacturing	5,964	5,917	5,897	5,887	5,886	5,889	5,896	5,900	5,895	5,878	5,868	5,839	5,834
Durable goods	2,726	2,709	2,703	2,693	2,693	2,694	2,700	2,700	2,695	2,683	2,671	2,660	2,650
Lumber and wood products	109	109	109	110	111	111	112	112	113	112	110	110	111
Furniture and fixtures	146	145	144	144	144	144	145	146	146	145	145	146	146
Stone, clay, and glass products	104	103	103	102	102	102	102	103	102	102	101	101	101
Primary metal industries	93	92	92	91	91	91	92	92	91	91	91	91	90
Fabricated metal products	292	291	290	289	289	290	291	292	291	290	288	287	287
Industrial machinery and equipment	420	417	418	417	418	418	419	419	420	418	418	415	412
Electronic and other electrical equipment	645	642	642	640	640	640	640	642	642	640	639	637	635
Transportation equipment	368	366	362	361	359	361	363	359	356	353	351	347	345
Instruments and related products	381	379	378	375	374	372	371	370	368	366	363	361	358
Miscellaneous manufacturing	168	165	165	164	165	165	165	165	166	166	165	165	165
Nondurable goods	3,238	3,208	3,194	3,194	3,193	3,195	3,196	3,200	3,200	3,195	3,197	3,179	3,184
Food and kindred products	546	537	527	532	533	533	535	536	536	535	535	531	530
Tobacco products	16	17	16	16	15	16	16	16	15	16	16	16	15
Textile mill products	323	322	321	319	320	320	320	320	319	320	320	318	318
Apparel and other textile products	796	780	777	774	772	771	770	769	770	766	766	759	762
Paper and allied products	167	167	167	167	167	168	168	168	167	166	166	165	166
Printing and publishing	663	661	663	662	663	664	664	666	666	666	667	666	666
Chemicals and allied products	335	335	335	336	336	336	336	336	337	336	337	336	337
Petroleum and coal products	26	26	26	26	25	25	25	25	25	25	25	25	24
Rubber and misc. plastics products	299	297	296	296	296	297	298	299	300	300	301	299	301
Leather and leather products	67	66	66	66	66	65	64	65	65	65	64	64	65
Service-producing	45,971	46,017	46,051	46,106	46,184	46,249	46,324	46,439	46,454	46,631	46,793	46,874	47,036
Transportation and public utilities	1,678	1,676	1,675	1,675	1,674	1,674	1,677	1,679	1,680	1,678	1,679	1,681	1,680
Wholesale trade	1,852	1,851	1,851	1,851	1,856	1,855	1,868	1,869	1,869	1,874	1,876	1,867	1,871
Retail trade	10,300	10,297	10,289	10,293	10,279	10,294	10,331	10,381	10,348	10,370	10,405	10,431	10,451
Finance, insurance, and real estate	4,168	4,163	4,171	4,171	4,167	4,167	4,169	4,166	4,162	4,170	4,178	4,178	4,189
Services	17,874	17,917	17,971	18,037	18,079	18,137	18,153	18,198	18,236	18,373	18,476	18,513	18,587
Government	10,099	10,113	10,094	10,079	10,129	10,122	10,126	10,146	10,159	10,166	10,179	10,204	10,258
Federal	1,218	1,220	1,222	1,216	1,219	1,228	1,221	1,222	1,220	1,216	1,212	1,207	1,200
State	2,214	2,205	2,217	2,209	2,207	2,213	2,216	2,218	2,220	2,223	2,226	2,223	2,243
Local	6,667	6,688	6,655	6,654	6,703	6,681	6,689	6,706	6,719	6,727	6,741	6,774	6,815

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Total private	72,985	73,131	73,215	73,380	73,543	73,831	73,827	74,014	74,291	74,296	74,503	74,482	74,543
Goods-producing	16,017	16,015	16,025	16,031	16,041	16,121	16,088	16,068	16,115	16,064	16,074	16,030	16,031
Mining	437	438	436	434	432	424	424	423	426	421	420	418	422
Construction	3,399	3,419	3,414	3,414	3,399	3,463	3,433	3,467	3,534	3,528	3,548	3,542	3,546
Manufacturing	12,181	12,158	12,175	12,183	12,210	12,234	12,231	12,178	12,155	12,115	12,106	12,070	12,063
Durable goods	6,753	6,738	6,754	6,757	6,775	6,790	6,783	6,745	6,718	6,696	6,684	6,667	6,672
Lumber and wood products	551	555	560	562	562	569	569	561	557	556	557	559	562
Furniture and fixtures	374	375	375	376	377	379	379	379	381	380	380	378	377
Stone, clay, and glass products	395	394	394	395	394	398	397	393	394	393	394	393	393
Primary metal industries	522	520	520	519	520	520	520	516	516	513	511	510	510
Blast furnaces and basic steel products	187	187	185	184	184	184	184	183	183	181	180	179	178
Fabricated metal products	966	962	964	962	969	972	973	969	966	964	961	962	962
Industrial machinery and equipment	1,149	1,146	1,148	1,148	1,149	1,149	1,147	1,148	1,148	1,150	1,150	1,145	1,151
Electronic and other electrical equipment	963	963	965	967	964	970	973	970	967	963	962	955	959
Transportation equipment	1,124	1,117	1,124	1,126	1,140	1,132	1,125	1,109	1,096	1,087	1,082	1,082	1,076
Motor vehicles and equipment	612	613	624	628	651	643	639	625	619	617	618	620	617
Instruments and related products	449	447	445	443	442	441	439	438	432	430	427	426	424
Miscellaneous manufacturing	260	259	259	259	258	260	261	262	261	260	260	257	258
Nondurable goods	5,428	5,420	5,421	5,426	5,435	5,444	5,448	5,433	5,437	5,419	5,422	5,403	5,391
Food and kindred products	1,198	1,201	1,203	1,205	1,210	1,212	1,212	1,206	1,203	1,199	1,199	1,205	1,196
Tobacco products	37	37	35	36	36	36	36	36	36	36	35	33	34
Textile mill products	574	569	571	572	571	571	569	571	571	568	568	563	564
Apparel and other textile products	835	833	832	832	833	832	834	828	829	823	819	814	811
Paper and allied products	520	517	517	516	516	517	517	514	515	515	514	512	512
Printing and publishing	830	829	829	830	829	831	832	832	833	832	833	832	829
Chemicals and allied products	563	563	562	562	563	563	565	565	568	566	570	567	571
Petroleum and coal products	104	103	103	102	103	104	103	103	103	102	102	101	100
Rubber and misc. plastics products	671	672	674	676	680	684	686	685	686	685	688	684	683
Leather and leather products	96	96	95	95	94	94	94	93	93	93	94	92	91
Service-producing	56,968	57,116	57,190	57,349	57,502	57,710	57,739	57,946	58,176	58,232	58,429	58,452	58,512
Transportation and public utilities	4,768	4,766	4,767	4,779	4,793	4,801	4,794	4,792	4,790	4,783	4,784	4,768	4,775
Wholesale trade	4,854	4,870	4,880	4,880	4,904	4,915	4,923	4,924	4,935	4,922	4,938	4,929	4,926
Retail trade	17,065	17,090	17,100	17,146	17,211	17,314	17,274	17,302	17,371	17,396	17,420	17,426	17,449
Finance, insurance, and real estate	4,751	4,755	4,755	4,762	4,769	4,769	4,769	4,767	4,775	4,781	4,797	4,800	4,818
Services	25,530	25,635	25,688	25,782	25,825	25,911	25,979	26,161	26,305	26,350	26,490	26,529	26,544

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 industries¹												
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	56.9	46.5	57.9	^P 43.4	^P 54.5			
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	56.2	52.4	55.1	^P 46.9	^P 51.1				
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	58.3	58.3	57.7	^P 49.7	^P 51.7						
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	52.1	51.5
1993	52.5	^P 52.8	^P 53.4									
Manufacturing payrolls, 139 industries¹												
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	50.7	38.5	50.7	^P 34.5	^P 49.6			
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	42.1	34.2	44.2	^P 31.3	^P 38.8				
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	46.0	45.0	43.9	^P 32.7	^P 30.9						
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	38.1	36.3
1993	36.3	^P 37.4	^P 37.1									

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
	Total ¹												
Alabama	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	1,690.1	1,687.4	1,684.8	1,683.1
Alaska	246.3	247.1	247.0	247.6	247.6	251.8	251.0	251.2	249.5	248.9	249.4	249.3	250.4
Arizona	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	1,538.9	1,551.8	1,561.3	1,556.8
Arkansas	963.9	966.8	969.9	973.0	976.1	981.9	981.2	980.4	981.2	979.4	979.2	978.6	980.2
California	12,120.4	12,094.7	12,071.7	12,064.0	12,039.3	12,030.4	12,030.8	12,018.1	12,004.8	11,985.6	11,959.4	11,976.3	11,960.2
Colorado	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	1,631.5	1,630.5	1,639.3	1,642.0
Connecticut	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	1,498.0	1,488.2	1,491.9	1,486.4
Delaware	344.7	345.0	344.4	348.8	347.7	349.7	349.1	346.0	347.3	346.1	346.6	346.7	346.1
District of Columbia	677.3	676.4	678.9	678.0	677.7	677.9	679.9	678.0	681.4	678.5	674.7	683.9	675.8
Florida	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	5,446.7	5,451.8	5,479.6	5,481.4
Georgia	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	3,053.6	3,071.2	3,071.2	3,073.0
Hawaii	539.1	538.3	537.2	536.8	537.0	535.0	536.1	535.8	536.1	536.5	533.3	533.6	530.7
Idaho	418.4	418.5	420.4	422.7	423.6	424.9	423.6	425.6	427.0	427.8	424.9	426.8	425.8
Illinois	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	5,234.1	5,215.0	5,229.8	5,241.6
Indiana	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	2,558.5	2,565.7	2,561.9	2,561.1
Iowa	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	1,254.3	1,253.8	1,251.4	1,256.9
Kansas	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	1,129.6	1,132.1	1,134.7	1,127.5
Kentucky	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	1,523.9	1,528.9	1,531.3	1,529.2
Louisiana	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	1,617.5	1,632.1	1,632.7
Maine	515.2	515.1	514.9	515.6	513.9	519.1	519.6	517.0	514.5	512.0	507.3	507.2	509.0
Maryland	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	2,076.9	2,064.7	2,068.2	2,059.8
Massachusetts	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	2,762.3	2,753.5	2,757.6	2,752.4
Michigan	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	3,957.6	3,950.2	3,954.0	3,931.1
Minnesota	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	2,228.3	2,229.0	2,235.9	2,233.7
Mississippi	968.0	966.4	972.5	975.1	979.0	982.5	987.8	984.1	982.4	976.6	978.6	978.5	989.8
Missouri	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	2,341.2	2,337.9	2,332.2	2,326.2
Montana	317.9	318.0	319.2	320.6	321.9	324.4	326.3	325.2	323.8	321.9	321.4	323.5	322.7
Nebraska	745.8	747.7	751.6	754.1	748.4	750.7	750.0	749.7	748.8	749.7	744.6	745.8	748.8
Nevada	642.3	647.4	647.2	653.9	651.6	658.1	658.7	659.7	660.1	658.5	660.5	659.9	661.2
New Hampshire	484.9	485.5	487.2	486.5	486.0	494.4	496.4	492.9	492.3	489.8	487.2	489.2	487.7
New Jersey	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	3,407.6	3,403.7	3,397.1	3,386.6
New Mexico	597.0	598.3	599.1	604.1	600.2	602.1	605.1	605.8	606.7	611.2	611.1	615.0	616.4
New York	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	7,708.3	7,685.8	7,705.0	7,680.9
North Carolina	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	3,203.3	3,204.6	3,222.9	3,210.7
North Dakota	278.7	278.3	279.3	279.9	280.0	283.6	284.1	281.8	281.2	281.3	281.7	283.2	283.1
Ohio	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	4,865.6	4,863.2	4,853.8	4,857.0
Oklahoma	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	1,217.9	1,220.2	1,240.7	1,226.0
Oregon	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	1,287.2	1,289.4	1,291.8	1,292.3
Pennsylvania	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	5,101.9	5,085.6	5,082.5	5,064.2
Rhode Island	421.9	420.5	420.7	420.3	419.3	426.6	425.4	422.8	421.6	422.5	422.7	421.8	421.8
South Carolina	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	1,554.9	1,552.5	1,557.7	1,556.4
South Dakota	307.9	307.7	308.8	309.9	310.3	311.8	312.2	312.9	312.0	311.7	313.8	314.1	315.7
Tennessee	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	2,263.2	2,262.7	2,270.7	2,269.4
Texas	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	7,407.3	7,401.9	7,416.7	7,417.8
Utah	771.4	773.4	777.8	776.6	778.2	784.0	791.1	793.9	795.4	798.2	801.7	806.4	809.6
Vermont	248.2	248.5	249.6	251.0	249.2	251.1	253.7	253.0	253.0	252.0	250.0	249.0	248.4
Virginia	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	2,855.2	2,847.5	2,859.6	2,852.5
Washington	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	2,237.1	2,232.3	2,230.9	2,225.6
West Virginia	640.5	639.9	641.4	643.7	644.3	647.6	646.3	647.2	650.5	653.2	649.2	647.6	648.3
Wisconsin	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	2,392.7	2,388.8	2,393.0	2,392.4
Wyoming	204.4	204.7	205.1	205.5	205.6	205.9	205.3	205.0	204.5	205.7	206.5	206.5	205.4

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
	Construction												
Alabama	75.1	75.4	76.6	76.7	77.0	77.5	78.2	77.2	76.9	76.1	75.6	76.2	75.6
Alaska	10.5	10.5	10.5	10.5	10.7	10.6	10.7	11.0	10.8	10.9	11.1	11.4	11.4
Arizona	82.2	81.8	83.3	83.9	83.9	82.3	84.5	85.0	84.9	84.7	85.0	86.0	87.1
Arkansas	38.3	38.4	38.3	38.5	38.9	39.1	38.6	38.7	38.6	38.4	39.2	39.3	39.1
California	474.0	470.0	468.4	465.4	458.2	443.1	451.2	460.8	460.0	460.1	456.2	458.2	459.2
Colorado	75.2	75.2	75.4	76.1	75.5	75.2	76.8	79.2	82.1	82.0	84.2	84.3	82.6
Connecticut	46.8	45.8	47.0	47.4	47.5	48.5	49.3	47.3	48.9	45.9	43.9	43.8	43.2
Delaware	18.6	18.8	19.1	19.2	19.4	19.6	19.6	19.0	19.1	19.6	19.7	19.5	19.6
District of Columbia	8.9	8.6	8.6	8.5	8.4	9.1	9.2	9.0	9.8	9.6	9.4	9.4	9.2
Florida	258.0	262.9	266.2	268.8	271.5	279.3	281.6	278.7	278.6	277.0	275.3	276.4	274.3
Georgia	119.7	118.1	120.0	120.2	121.4	123.2	126.3	125.8	125.9	127.3	127.3	130.8	131.6
Hawaii ^P	30.6	30.2	30.9	31.5	31.3	31.6	32.1	31.6	31.7	31.3	31.0	30.8	30.6
Idaho	22.7	22.9	23.4	23.6	23.7	23.7	23.9	23.6	24.1	24.4	23.8	23.6	23.7
Illinois	201.6	201.6	202.4	201.4	202.4	202.3	205.6	203.2	201.0	196.0	195.7	196.1	197.2
Indiana	109.6	109.4	109.8	109.6	109.8	111.9	111.5	109.0	110.0	111.8	113.9	113.7	112.5
Iowa	47.4	47.5	48.3	47.1	46.1	47.9	48.0	47.4	44.3	46.3	47.6	47.8	48.3
Kansas	43.9	44.2	44.4	44.3	44.8	45.5	46.5	46.0	45.1	45.5	45.5	44.9	46.0
Kentucky	69.6	69.6	70.1	70.5	71.1	69.4	71.1	68.7	68.6	68.7	69.6	70.2	69.7
Louisiana	99.2	98.3	98.9	99.6	100.2	103.1	102.6	100.0	99.9	99.0	99.2	99.2	98.1
Maine	20.8	21.1	21.3	21.4	21.9	23.5	23.4	23.1	22.7	21.8	21.3	21.7	20.9
Maryland	116.4	115.2	115.7	114.7	114.6	116.4	115.0	112.8	111.2	112.4	110.8	112.0	110.4
Massachusetts	67.7	69.2	72.3	72.9	72.7	79.4	78.8	75.5	74.1	71.7	71.3	73.6	72.9
Michigan	128.2	127.5	127.0	127.1	127.5	132.9	131.6	128.1	128.4	132.2	132.5	136.2	133.3
Minnesota	77.2	77.1	77.1	76.5	77.6	77.9	78.0	78.3	77.3	77.3	77.3	77.6	77.2
Mississippi	36.0	36.2	35.4	35.5	35.8	36.8	38.8	38.8	38.2	37.7	38.0	36.9	37.8
Missouri	90.1	90.6	92.1	91.3	92.3	91.3	98.0	94.1	93.4	93.6	93.1	92.1	92.8
Montana	13.2	13.3	13.5	13.7	13.7	13.6	14.4	14.1	13.9	13.9	14.1	13.5	13.5
Nebraska	27.5	28.1	28.1	28.3	28.8	28.6	29.1	28.8	28.7	29.2	29.1	29.2	29.1
Nevada	38.9	39.6	40.6	41.4	42.3	44.1	46.0	45.6	45.9	46.3	45.8	46.2	45.3
New Hampshire	16.5	16.1	16.4	16.3	15.8	17.5	17.5	17.6	17.1	16.6	16.7	16.9	16.8
New Jersey	105.3	104.8	105.8	104.1	103.7	109.4	105.6	101.8	99.7	98.6	96.0	93.9	93.7
New Mexico	30.2	30.4	30.4	30.4	30.4	31.7	31.7	31.8	32.3	32.9	32.6	33.6	33.7
New York	238.2	234.6	231.7	228.8	227.9	235.4	235.1	237.9	238.0	238.6	236.8	237.5	235.6
North Carolina	145.3	145.3	146.3	146.6	147.6	149.1	149.1	147.8	147.9	147.8	148.0	149.1	149.1
North Dakota	11.0	10.8	10.8	10.9	11.1	11.9	12.0	11.7	11.4	11.5	11.6	11.4	11.4
Ohio	182.0	182.1	182.8	182.6	183.6	186.5	186.6	186.2	184.8	184.3	183.9	183.1	182.6
Oklahoma	37.8	38.4	38.5	37.9	37.8	38.3	40.3	40.3	39.7	40.0	39.6	39.1	38.7
Oregon	49.8	49.2	48.9	48.8	48.4	48.7	50.9	50.8	50.2	50.3	49.8	51.4	52.1
Pennsylvania	194.3	194.3	195.4	195.0	194.7	198.9	198.3	191.4	192.4	193.8	192.1	192.3	190.9
Rhode Island	12.3	12.6	12.2	12.2	12.6	14.1	13.8	13.5	13.8	14.1	13.7	13.4	13.1
South Carolina	81.8	81.9	82.0	81.9	81.7	82.0	82.6	81.9	81.8	81.1	80.6	82.1	81.4
South Dakota	12.8	12.8	12.8	12.3	12.8	12.6	12.8	12.6	12.3	12.8	13.3	13.2	13.0
Tennessee	84.6	84.5	84.1	83.6	83.4	85.5	86.6	86.3	86.8	87.6	88.0	88.8	89.4
Texas	344.1	343.4	343.6	345.4	347.7	351.7	351.2	348.7	348.7	347.0	349.2	350.8	349.0
Utah	34.7	35.2	35.9	36.0	36.5	38.7	40.0	39.7	39.1	38.3	38.5	38.8	39.3
Vermont	11.1	11.2	11.6	11.8	12.1	13.0	13.0	13.1	12.4	11.9	11.5	11.3	11.3
Virginia	144.9	144.6	145.4	145.3	146.3	148.9	149.4	146.4	146.2	145.3	144.7	146.5	147.9
Washington	118.4	117.9	120.1	120.9	121.7	122.3	124.0	122.8	122.5	121.5	120.5	121.2	122.2
West Virginia	27.7	27.5	27.7	27.8	27.8	29.3	29.5	29.3	29.9	31.0	30.4	30.6	30.7
Wisconsin	91.5	91.8	92.8	93.7	94.6	94.2	96.0	96.0	96.4	100.1	101.1	102.7	103.1
Wyoming	11.3	11.3	11.3	11.4	11.5	11.4	11.3	10.7	10.7	10.8	11.0	10.9	10.9

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
	Manufacturing												
Alabama	380.5	380.0	381.1	381.8	382.5	384.7	385.7	384.1	382.3	379.9	378.4	376.6	377.2
Alaska	17.3	17.7	17.5	16.9	17.0	18.7	19.2	19.6	17.1	15.8	17.3	16.7	17.3
Arizona	171.2	171.1	171.0	170.5	170.5	171.0	170.9	171.5	171.1	171.6	171.3	170.4	170.6
Arkansas	235.7	236.0	236.2	237.6	238.3	239.9	242.0	242.2	243.1	242.4	241.1	241.7	241.1
California	1,880.1	1,887.0	1,853.4	1,854.6	1,848.1	1,843.7	1,837.2	1,824.7	1,816.6	1,806.1	1,798.3	1,797.2	1,791.1
Colorado	184.6	184.2	183.8	183.8	182.7	184.5	183.8	183.5	183.4	182.7	182.7	182.3	182.7
Connecticut	303.3	303.3	302.0	300.7	298.8	297.9	297.5	295.3	293.8	292.0	290.0	288.8	284.9
Delaware	67.5	67.2	64.4	68.2	67.4	67.2	67.0	66.2	66.6	66.2	65.8	65.5	65.1
District of Columbia	13.9	14.0	13.9	13.9	13.8	13.8	13.7	13.6	13.6	13.8	14.0	13.8	13.7
Florida	480.4	478.9	479.0	477.9	475.9	480.5	481.5	481.2	480.0	479.5	478.8	481.8	481.2
Georgia	542.8	546.0	546.8	546.5	546.8	551.4	551.4	547.8	548.4	546.2	543.7	546.4	545.0
Hawaii	19.5	19.4	19.3	19.1	19.0	18.9	18.7	18.9	18.7	18.7	18.4	18.6	18.5
Idaho	66.1	65.5	65.4	66.5	67.0	68.2	67.9	68.0	68.1	68.2	67.9	68.8	68.7
Illinois	925.0	924.4	924.1	925.3	926.2	927.9	926.9	924.7	925.5	920.6	915.8	921.9	921.1
Indiana	625.9	625.9	626.0	628.9	631.1	638.3	636.3	633.4	631.5	629.8	630.4	628.2	628.3
Iowa	230.0	230.0	228.7	231.2	231.3	232.4	233.5	233.8	232.6	231.8	232.2	228.9	231.3
Kansas	181.3	181.2	181.1	181.0	180.7	179.8	179.2	179.1	179.1	179.0	180.1	180.4	179.9
Kentucky	287.7	288.4	288.5	288.7	288.7	294.2	292.0	291.4	291.7	291.9	290.3	291.1	290.7
Louisiana	185.5	185.4	185.1	185.1	185.1	186.7	186.0	185.6	183.0	182.5	182.3	184.1	184.6
Maine	91.8	91.9	91.6	92.0	91.2	92.9	92.6	91.8	92.3	92.0	91.3	91.1	91.3
Maryland	182.4	181.2	181.4	180.8	180.9	182.2	182.2	181.1	181.2	180.6	178.6	178.5	178.1
Massachusetts	456.9	457.5	456.8	454.9	452.5	454.4	452.0	449.2	449.1	446.5	444.5	441.4	437.6
Michigan	896.4	892.5	893.3	898.8	902.0	916.8	913.1	908.8	899.6	895.3	893.6	891.4	881.6
Minnesota	395.4	396.9	398.1	397.9	398.4	398.8	399.5	398.3	398.0	396.9	394.4	396.5	395.6
Mississippi	250.4	250.7	250.1	250.8	251.9	253.1	254.8	255.3	253.1	252.2	251.3	250.0	249.5
Missouri	406.9	407.2	406.5	409.8	405.8	412.1	410.1	410.6	408.4	406.8	405.4	402.2	399.2
Montana	22.5	22.6	22.8	22.8	22.9	23.1	23.5	23.3	23.1	22.7	22.7	22.8	22.7
Nebraska	100.3	100.6	101.0	100.9	101.1	101.7	101.5	102.2	101.7	101.9	101.9	101.7	102.9
Nevada	26.2	26.2	26.4	26.4	26.5	26.7	26.8	26.8	27.2	27.1	26.9	27.2	27.2
New Hampshire	97.6	97.4	97.2	96.9	96.6	98.2	98.1	97.2	97.6	97.2	96.6	96.4	96.6
New Jersey	522.2	519.6	521.1	520.5	519.2	518.9	514.1	510.5	510.6	508.9	506.3	507.0	503.1
New Mexico	40.2	40.1	40.4	40.4	40.4	40.2	40.3	40.6	40.2	40.2	40.5	40.5	40.4
New York	1,009.2	1,003.5	1,000.9	1,000.1	999.4	1,008.1	1,004.4	997.0	989.2	984.2	971.5	974.1	965.1
North Carolina	834.5	834.9	835.8	835.0	836.5	840.6	842.5	843.1	841.9	843.8	843.4	848.5	843.4
North Dakota	18.4	18.6	18.7	18.7	18.7	18.1	19.3	19.0	19.3	19.3	19.5	19.4	19.6
Ohio	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	1,043.4	1,038.0	1,037.2	1,034.4
Oklahoma	163.4	158.7	163.7	163.5	163.5	164.5	165.3	164.3	164.0	183.4	162.7	164.1	163.2
Oregon	205.5	204.7	205.5	205.1	206.2	207.0	208.6	209.5	208.4	206.7	205.9	205.1	205.2
Pennsylvania	946.9	943.0	940.5	936.2	935.8	939.9	940.2	937.3	937.4	932.1	926.2	928.1	922.0
Rhode Island	89.8	89.1	89.2	89.0	88.4	90.1	89.8	89.5	88.7	88.8	88.8	88.1	88.1
South Carolina	370.1	369.9	370.2	371.1	371.5	373.8	371.6	370.8	369.9	368.5	367.1	366.3	365.6
South Dakota	36.7	37.0	37.4	37.8	38.2	38.5	38.6	39.1	39.3	39.5	39.7	39.7	40.0
Tennessee	513.3	512.5	513.0	512.9	514.6	516.2	517.1	517.9	518.2	518.3	515.5	517.1	515.7
Texas	968.7	970.1	972.3	972.8	973.7	981.3	985.6	985.8	984.5	982.6	981.2	981.5	979.6
Utah	106.3	106.0	105.8	105.0	104.8	105.2	106.2	107.0	107.7	107.7	107.7	108.3	108.5
Vermont	43.5	43.3	43.1	43.2	43.0	43.3	43.2	43.5	43.7	43.4	43.5	43.0	42.8
Virginia	406.7	405.7	405.3	406.2	404.3	408.6	406.6	404.0	403.1	404.7	403.2	402.4	401.6
Washington	344.7	343.6	344.2	342.9	343.0	343.3	343.8	342.1	341.5	341.2	339.0	335.8	335.6
West Virginia	82.0	82.0	82.0	82.8	82.6	83.3	83.6	83.0	82.7	82.7	82.5	82.2	82.5
Wisconsin	545.1	546.4	546.5	545.2	548.1	551.3	553.1	553.5	551.9	550.7	546.6	548.7	549.8
Wyoming	9.2	9.3	9.2	9.1	9.2	9.2	9.2	9.3	9.2	9.1	9.2	9.5	9.4

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Transportation and public utilities													
Alabama	82.5	82.6	82.4	82.6	82.5	82.4	82.3	81.9	82.4	82.5	82.6	82.5	82.5
Alaska	22.5	22.6	22.3	22.7	22.8	23.0	22.9	22.7	22.9	23.2	22.3	23.0	22.9
Arizona	81.8	81.5	81.4	81.5	81.6	77.8	78.6	78.2	78.1	77.9	77.8	78.2	77.9
Arkansas	55.4	55.3	55.3	55.4	55.4	56.1	56.1	56.2	56.4	56.2	56.4	56.2	56.1
California	605.4	605.2	604.3	604.6	603.4	604.5	603.0	602.3	602.6	601.4	599.5	598.0	597.6
Colorado	99.8	99.9	100.3	100.3	100.3	100.5	100.5	100.6	101.0	101.8	101.4	102.2	102.7
Connecticut	67.7	67.2	67.0	66.9	66.4	67.2	67.7	66.6	65.1	65.2	64.8	66.1	65.7
Delaware	14.5	14.3	14.3	14.2	14.3	14.7	14.4	14.7	14.9	14.7	14.5	14.7	14.8
District of Columbia	23.1	23.1	23.4	23.0	23.0	23.0	23.0	23.4	23.2	23.0	23.1	23.0	22.9
Florida	272.8	271.7	272.9	273.8	277.1	273.6	276.3	278.0	278.4	279.2	279.1	278.2	277.0
Georgia	197.2	197.3	198.2	198.5	197.8	200.7	202.2	201.6	203.0	202.9	204.0	203.6	203.4
Hawaii	43.5	43.5	43.4	43.2	43.3	43.2	42.8	42.6	42.4	41.9	41.6	41.5	41.2
Idaho	20.2	20.5	20.5	20.5	20.4	20.9	21.0	20.8	20.6	20.6	20.4	20.2	20.3
Illinois	301.2	300.3	300.3	299.7	300.4	303.2	301.9	301.9	303.1	302.0	300.6	301.4	299.9
Indiana	129.4	129.7	130.1	129.7	129.5	130.0	129.6	129.8	128.7	128.7	129.0	128.6	129.3
Iowa	54.3	54.2	54.2	54.3	54.3	54.5	54.5	53.9	53.6	53.6	53.3	53.7	53.6
Kansas	64.5	63.9	64.3	64.2	63.8	65.5	65.6	65.6	66.0	65.8	65.3	65.5	65.1
Kentucky	81.6	82.1	82.2	82.7	82.6	83.3	83.3	83.1	83.0	82.4	82.5	82.5	82.2
Louisiana	104.3	104.3	104.7	104.7	104.6	105.5	105.6	105.0	105.8	104.8	104.2	104.3	103.8
Maine	21.5	21.6	21.4	21.3	21.2	21.7	21.3	21.6	21.4	20.9	20.8	20.5	20.8
Maryland	98.9	98.9	99.5	99.1	99.4	99.1	98.3	97.7	97.9	97.4	97.1	97.7	97.5
Massachusetts	120.0	119.7	119.9	120.8	119.9	121.1	119.1	117.7	118.4	117.8	118.0	118.6	118.3
Michigan	153.3	153.9	154.9	155.1	154.2	154.5	154.3	154.3	155.5	156.0	155.2	154.8	153.7
Minnesota	108.3	108.8	109.4	109.0	108.8	108.8	108.5	107.9	108.1	107.8	107.4	107.7	107.4
Mississippi	45.0	44.9	44.5	45.2	46.3	45.5	45.4	45.2	45.4	45.0	45.0	45.3	44.7
Missouri	150.7	150.3	150.4	150.0	149.4	151.2	152.1	152.1	152.6	152.4	152.8	154.1	152.9
Montana	20.1	20.1	20.0	20.0	20.0	20.2	20.2	20.1	20.1	20.1	20.0	20.1	20.1
Nebraska	46.9	47.0	47.1	47.1	47.2	47.2	47.3	47.4	47.6	47.2	47.0	47.1	46.7
Nevada	33.2	33.0	33.0	33.2	33.3	33.4	33.7	33.6	33.7	33.3	33.1	33.3	33.3
New Hampshire	16.9	16.9	17.1	16.9	17.0	17.6	17.8	17.7	17.4	17.1	17.0	16.7	16.6
New Jersey	228.2	228.7	227.5	227.9	227.1	230.6	232.1	229.9	229.8	230.0	230.1	228.9	225.4
New Mexico	28.7	28.6	28.7	28.6	28.5	28.7	28.7	28.7	28.6	28.3	28.3	28.4	28.5
New York	399.6	398.5	397.6	396.4	396.6	397.6	396.1	395.2	394.5	394.0	393.2	392.4	390.4
North Carolina	152.7	153.5	154.2	154.5	154.6	156.1	155.6	155.2	155.6	155.6	155.9	154.9	154.3
North Dakota	17.5	17.5	17.5	17.4	17.5	17.7	17.7	17.5	17.5	17.4	17.8	17.9	17.8
Ohio	211.6	211.8	210.8	210.7	210.4	211.1	211.5	210.8	210.0	209.8	209.4	208.8	208.1
Oklahoma	69.5	69.5	69.8	69.4	69.1	70.0	70.3	70.1	70.1	69.4	68.6	68.8	68.4
Oregon	64.8	65.1	65.4	65.4	65.4	66.0	65.7	65.8	65.7	65.1	65.1	64.4	64.3
Pennsylvania	261.8	263.2	263.5	264.4	264.0	266.9	266.9	266.9	266.2	266.1	266.1	264.5	263.6
Rhode Island	14.4	14.4	14.6	14.5	14.5	14.9	15.0	14.8	14.9	14.9	14.6	14.7	14.8
South Carolina	64.4	64.3	64.4	64.3	64.0	65.1	65.0	64.9	64.5	64.8	64.3	63.5	63.4
South Dakota	14.6	14.5	14.6	14.6	14.6	14.7	14.7	14.9	14.6	14.6	14.7	14.8	14.9
Tennessee	120.1	120.2	120.5	121.2	121.4	121.7	121.4	121.3	121.3	121.6	122.3	122.9	123.4
Texas	436.8	434.2	434.1	433.1	431.5	438.4	439.4	438.9	440.2	440.0	439.3	439.5	439.9
Utah	44.0	44.0	44.4	44.1	44.0	44.2	44.9	45.2	45.3	45.5	45.8	46.1	46.5
Vermont	11.0	11.0	11.0	11.0	11.0	11.1	11.0	11.1	10.9	11.0	10.9	10.5	10.5
Virginia	146.4	146.0	146.2	146.0	146.1	146.3	146.0	144.7	145.1	144.1	144.6	144.6	144.6
Washington	113.2	113.0	113.7	113.2	113.1	113.0	113.5	112.7	112.9	111.9	111.2	110.0	110.2
West Virginia	38.1	38.3	38.3	38.5	38.6	38.4	38.2	38.4	38.2	38.7	38.3	38.7	38.9
Wisconsin	109.8	109.8	109.2	109.5	109.3	111.0	111.9	111.7	111.2	111.2	111.5	111.3	110.8
Wyoming	14.1	14.1	14.1	14.0	14.1	14.2	14.1	14.1	14.3	14.3	14.4	14.4	14.4

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^a
	Wholesale and retail trade												
Alabama	367.8	368.5	369.6	369.9	370.5	372.2	373.8	372.4	372.1	370.1	369.3	369.2	369.6
Alaska	47.9	47.9	47.9	48.1	48.1	48.3	48.3	48.2	48.7	48.8	48.9	49.1	49.3
Arizona	378.3	378.9	379.4	379.8	378.3	380.8	381.6	380.2	381.1	381.3	381.3	385.8	385.6
Arkansas	213.4	214.0	215.6	216.5	217.2	218.4	218.5	217.9	217.0	216.6	215.9	216.1	217.4
California	2,823.4	2,820.2	2,814.9	2,809.7	2,802.7	2,807.8	2,805.8	2,801.5	2,796.8	2,787.1	2,777.3	2,777.9	2,768.6
Colorado	385.7	387.7	390.2	389.5	389.5	392.1	394.3	394.2	396.2	395.7	394.4	396.2	396.7
Connecticut	331.2	330.7	329.6	328.3	328.0	329.7	329.3	327.1	327.1	324.6	323.1	321.8	321.1
Delaware	75.8	75.3	76.1	76.6	76.4	76.8	76.6	75.9	75.8	75.6	75.8	76.0	75.5
District of Columbia	54.4	54.0	53.7	53.4	53.2	53.9	53.9	53.2	54.2	53.2	52.8	53.5	52.6
Florida	1,415.8	1,410.0	1,417.5	1,417.8	1,417.8	1,426.1	1,427.3	1,432.1	1,434.1	1,435.2	1,434.1	1,444.1	1,442.5
Georgia	748.2	745.1	753.7	755.5	756.5	763.5	766.5	765.1	766.9	764.1	766.6	775.0	773.7
Hawaii	134.8	134.5	133.5	133.0	133.0	132.6	133.3	133.2	133.0	132.8	133.0	133.3	132.1
Idaho	106.3	106.5	107.1	107.3	107.7	107.6	108.0	107.9	108.6	108.4	108.1	108.8	108.1
Illinois	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	1,237.8	1,236.2	1,244.8	1,247.9
Indiana	597.9	597.6	598.2	597.2	597.0	602.2	601.2	599.0	597.6	598.5	598.7	598.5	597.4
Iowa	317.5	317.5	317.6	316.6	316.6	318.9	319.8	319.7	318.4	318.7	318.6	319.2	318.9
Kansas	270.9	270.7	272.3	274.5	274.2	278.8	280.4	279.7	278.8	277.7	276.5	278.1	275.7
Kentucky	355.5	355.2	358.3	358.1	357.1	361.3	362.8	360.5	359.5	359.4	360.0	361.2	360.3
Louisiana	378.2	378.2	379.5	379.9	378.2	384.0	384.6	382.7	379.4	377.0	377.0	378.8	379.0
Maine	128.7	129.1	131.4	132.0	131.2	130.6	131.6	129.8	129.4	128.6	125.8	126.1	126.9
Maryland	503.1	502.8	503.2	501.7	501.3	505.3	505.9	500.1	502.5	503.0	499.3	499.9	498.1
Massachusetts	637.4	638.4	641.8	640.1	637.5	651.8	650.6	646.3	645.6	643.2	639.5	638.6	638.5
Michigan	928.0	925.8	933.5	933.4	935.7	947.3	950.2	939.7	934.7	935.5	933.8	936.8	936.0
Minnesota	529.3	531.2	532.2	532.3	532.8	535.0	535.1	533.2	533.7	535.3	534.8	534.3	533.9
Mississippi	200.9	200.3	202.5	202.7	202.1	204.3	204.6	203.3	202.5	201.3	202.4	202.6	202.8
Missouri	554.2	553.5	553.5	553.4	552.5	557.9	560.0	557.6	557.8	556.0	555.3	553.7	553.8
Montana	85.4	85.6	86.3	86.8	86.8	87.9	88.1	88.0	87.8	87.5	86.7	87.4	87.7
Nebraska	187.4	187.7	190.0	189.0	189.0	189.9	190.3	189.1	188.1	188.6	186.9	184.8	186.3
Nevada	130.8	131.2	131.9	132.0	132.0	132.7	133.0	132.9	133.2	132.5	132.2	132.8	133.1
New Hampshire	124.2	123.8	123.6	123.6	123.3	127.0	127.7	125.7	125.6	125.1	123.9	123.8	123.0
New Jersey	803.4	802.3	803.7	802.9	799.9	804.1	804.3	796.4	796.9	797.3	798.8	798.2	794.5
New Mexico	142.0	142.3	142.5	142.3	142.8	143.2	143.9	143.6	144.5	144.8	145.1	145.6	146.0
New York	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	1,562.1	1,559.1	1,556.8	1,547.7
North Carolina	714.3	716.6	719.0	721.4	722.3	732.2	734.5	727.7	726.1	725.4	722.9	725.8	726.1
North Dakota	73.3	73.3	73.6	73.7	73.9	74.8	74.8	73.9	73.7	73.6	73.9	74.2	74.1
Ohio	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	1,163.1	1,162.6	1,161.9	1,162.0
Oklahoma	283.7	282.4	283.6	281.1	280.0	283.7	289.0	289.0	289.3	288.3	288.7	291.5	289.6
Oregon	321.6	321.9	321.8	321.9	323.0	325.2	326.6	325.2	323.8	323.0	323.7	325.6	324.1
Pennsylvania	1,154.1	1,152.6	1,154.4	1,155.6	1,155.2	1,171.0	1,172.5	1,184.0	1,168.0	1,169.1	1,167.5	1,165.5	1,163.5
Rhode Island	90.3	89.9	90.0	89.3	89.1	92.1	92.2	91.3	91.6	91.1	90.7	91.0	90.5
South Carolina	344.2	346.4	351.1	350.8	350.8	355.5	357.8	357.8	357.3	357.1	355.7	357.7	356.4
South Dakota	80.1	79.5	79.9	80.0	80.1	80.6	80.8	81.2	80.8	80.6	80.3	80.8	81.1
Tennessee	520.0	520.3	521.1	520.4	519.9	523.8	525.9	525.7	526.6	525.9	527.8	530.4	529.6
Texas	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	1,783.3	1,779.6	1,785.1	1,786.7
Utah	185.1	185.2	186.0	185.3	185.2	188.4	190.9	191.0	191.7	191.9	191.6	192.4	193.1
Vermont	58.1	58.0	58.0	58.5	57.8	58.5	59.0	58.5	58.5	58.9	57.9	58.2	58.2
Virginia	633.1	631.8	633.6	631.6	631.4	636.2	636.4	633.4	635.4	634.5	630.3	631.3	627.4
Washington	538.1	538.7	540.1	539.5	539.6	547.6	548.2	546.6	546.8	545.9	542.9	546.5	543.7
West Virginia	146.3	146.6	146.8	147.1	147.4	148.5	148.6	148.3	148.8	149.5	148.9	150.4	150.3
Wisconsin	545.7	546.9	547.0	545.7	546.1	550.7	551.8	551.0	551.0	551.0	550.6	549.8	549.3
Wyoming	46.6	47.0	46.7	46.5	46.5	46.8	47.1	47.3	47.3	47.5	47.6	47.4	47.3

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Finance, insurance, and real estate													
Alabama	73.7	73.6	73.7	73.7	73.7	74.3	74.3	74.2	74.4	74.2	74.9	74.6	75.0
Alaska	10.8	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.7	10.7	10.8
Arizona	94.1	94.3	94.2	94.7	94.7	95.9	95.9	95.4	95.5	95.2	95.0	95.2	95.2
Arkansas	39.0	39.0	39.2	39.3	39.4	39.6	39.4	39.3	39.4	39.2	39.2	39.3	39.5
California	787.4	788.0	787.2	787.1	785.9	785.5	782.2	781.4	780.4	780.2	779.8	781.0	780.1
Colorado	100.0	100.4	100.7	100.7	100.9	102.0	101.9	101.8	102.0	102.3	102.7	103.6	103.7
Connecticut	142.2	141.8	141.5	141.5	140.5	138.7	139.3	138.7	139.7	139.7	138.8	138.5	138.3
Delaware	33.3	33.4	33.4	33.5	33.3	33.8	33.8	33.5	33.6	33.5	33.4	33.8	33.8
District of Columbia	33.4	33.5	33.8	33.9	33.7	33.8	32.7	32.7	32.7	32.7	32.2	31.3	31.1
Florida	351.5	350.9	352.1	351.8	351.6	353.4	354.0	353.3	354.4	353.5	353.3	354.2	355.2
Georgia	162.1	162.3	162.4	163.0	163.1	163.7	163.9	163.7	164.0	163.4	163.5	164.6	164.2
Hawaii	37.6	37.6	37.7	37.7	37.6	37.8	37.7	37.6	37.3	37.5	37.3	37.7	37.9
Idaho	21.6	21.7	21.9	21.9	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.2
Illinois	375.6	375.5	376.7	378.0	375.8	377.2	378.3	378.1	379.2	379.5	377.2	378.9	378.9
Indiana	127.8	127.6	127.6	127.9	127.9	129.9	130.0	130.1	130.3	130.5	130.6	131.1	131.1
Iowa	72.4	72.6	72.9	73.1	73.2	73.3	73.7	73.4	73.6	73.5	73.2	73.9	73.7
Kansas	57.8	57.8	58.0	58.1	58.2	58.4	58.3	58.3	57.9	57.8	57.7	57.8	58.0
Kentucky	62.4	62.9	63.1	63.1	63.3	63.8	64.1	63.9	63.7	63.3	63.0	62.9	62.9
Louisiana	77.3	77.1	77.5	77.3	77.1	77.7	77.9	77.6	77.7	77.1	76.2	76.5	76.4
Maine	24.4	24.8	24.1	23.9	23.9	24.0	24.0	23.9	23.9	24.3	24.3	24.2	24.5
Maryland	128.1	128.1	129.0	128.6	128.5	129.1	128.5	128.4	128.6	128.4	127.7	128.4	128.2
Massachusetts	195.1	194.7	195.8	195.3	194.0	195.8	194.7	193.8	193.6	192.5	191.7	191.5	191.7
Michigan	188.1	188.0	188.3	188.0	187.6	189.2	189.3	187.8	188.5	188.1	188.2	188.8	188.5
Minnesota	130.0	130.3	130.7	131.0	131.0	132.2	132.4	132.5	133.5	133.9	134.5	135.4	135.8
Mississippi	38.2	38.2	38.2	38.3	38.4	38.8	38.8	38.6	38.5	38.7	39.3	39.3	39.5
Missouri	136.1	135.9	136.5	136.7	136.6	138.7	136.6	138.3	138.5	137.7	137.8	137.8	137.6
Montana	14.3	14.4	14.5	14.6	14.6	14.8	14.7	14.6	14.6	14.6	14.5	14.5	14.4
Nebraska	49.1	48.9	49.2	49.0	48.8	49.2	48.8	48.6	48.9	48.7	48.8	49.0	48.9
Nevada	29.2	29.5	29.4	29.6	29.6	30.3	30.5	30.6	30.6	30.8	30.9	31.1	31.2
New Hampshire	29.3	29.4	29.4	29.4	29.5	29.3	29.4	29.3	29.1	29.2	29.0	29.3	29.2
New Jersey	225.7	225.7	226.0	226.3	226.5	226.2	225.6	225.7	225.4	225.7	226.5	227.3	227.6
New Mexico	26.6	26.6	26.6	26.6	26.5	26.6	26.8	26.7	26.6	26.8	27.0	27.0	27.0
New York	734.9	733.3	735.2	734.4	732.8	735.1	734.4	731.8	731.6	731.1	730.7	730.2	727.8
North Carolina	135.0	135.4	136.4	136.3	136.8	138.2	138.5	138.7	139.1	138.6	138.6	139.0	139.0
North Dakota	13.0	13.0	13.1	13.2	13.2	13.2	13.3	13.3	13.4	13.4	13.3	13.3	13.4
Ohio	257.0	256.6	256.7	256.8	257.1	257.9	257.9	258.1	258.2	257.7	257.5	257.8	257.6
Oklahoma	60.5	60.4	60.3	60.4	60.4	60.6	60.4	60.5	60.7	60.4	60.4	60.5	60.2
Oregon	86.2	86.7	87.2	87.3	87.2	87.7	86.3	87.9	87.9	87.9	88.3	89.1	89.3
Pennsylvania	299.4	298.7	299.6	299.5	298.5	301.9	301.4	300.8	300.9	301.3	301.4	301.0	301.1
Rhode Island	25.3	25.1	25.0	24.9	24.7	24.7	24.4	24.6	24.7	24.5	24.7	24.4	24.4
South Carolina	64.4	64.5	64.7	64.7	64.6	65.4	65.1	64.9	65.3	64.8	65.2	65.2	65.2
South Dakota	17.0	17.1	17.1	17.0	17.0	17.2	17.5	17.5	17.6	17.7	17.7	17.9	18.0
Tennessee	100.6	100.7	100.6	100.6	100.4	101.5	101.2	101.2	101.0	100.6	100.5	100.9	100.5
Texas	418.3	418.1	418.6	418.7	418.5	425.8	425.0	424.5	424.3	425.7	427.7	428.8	428.8
Utah	37.3	37.4	37.6	37.7	37.6	37.8	37.8	37.9	38.4	39.0	39.6	39.8	40.2
Vermont	11.9	11.8	11.9	11.7	11.7	11.6	11.7	11.8	11.7	11.6	11.6	11.6	11.6
Virginia	148.3	148.0	148.2	147.8	148.2	149.8	150.1	149.6	150.4	149.9	149.4	150.4	150.3
Washington	118.7	118.0	118.0	117.9	117.9	117.6	117.7	117.2	117.3	116.8	117.0	117.3	117.2
West Virginia	24.7	24.7	24.7	24.8	24.7	24.8	24.9	24.8	25.0	25.1	24.9	25.1	25.0
Wisconsin	127.1	127.7	127.8	127.8	128.1	128.3	128.5	128.6	129.4	129.3	129.5	130.0	130.3
Wyoming	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.4	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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
	Services												
Alabama	347.1	347.9	349.8	352.1	352.8	355.0	356.0	355.7	354.8	354.8	353.3	354.0	353.1
Alaska	54.0	54.3	54.3	54.4	54.4	54.9	54.8	54.9	55.3	55.1	55.1	55.2	55.0
Arizona	428.0	429.4	430.7	430.2	431.7	433.1	432.1	433.2	433.6	434.6	436.6	439.7	438.7
Arkansas	211.4	211.7	212.8	213.4	214.0	214.9	213.4	212.9	213.7	214.2	215.1	215.3	216.1
California	3,421.4	3,419.7	3,425.4	3,427.9	3,431.1	3,441.2	3,445.3	3,446.3	3,447.7	3,448.2	3,444.4	3,450.1	3,452.0
Colorado	443.9	445.7	450.5	449.9	451.1	450.3	451.0	451.8	455.4	455.6	456.0	459.6	460.9
Connecticut	418.2	417.9	419.6	420.6	420.5	421.6	422.4	419.3	423.2	421.4	419.6	420.4	420.3
Delaware	86.0	87.2	87.9	87.9	87.7	89.0	88.1	87.2	87.8	86.9	87.2	87.3	87.8
District of Columbia	256.2	255.9	257.2	256.1	256.2	255.0	257.0	256.1	257.0	255.2	254.0	256.2	255.1
Florida	1,692.1	1,698.5	1,703.6	1,707.6	1,709.0	1,710.8	1,719.6	1,722.8	1,733.9	1,737.8	1,740.6	1,748.5	1,749.4
Georgia	676.6	677.7	687.5	686.8	685.2	695.6	694.6	691.2	697.7	702.4	705.0	710.9	714.2
Hawaii	162.3	161.9	160.9	160.8	160.7	159.5	159.3	159.4	160.4	161.0	159.8	160.7	159.0
Idaho	90.7	91.1	92.1	92.6	93.0	92.6	89.5	92.7	93.1	92.8	92.5	92.7	92.9
Illinois	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	1,409.4	1,409.1	1,415.9	1,423.0
Indiana	553.5	553.2	559.9	564.3	565.8	565.0	567.2	565.4	565.2	563.7	565.2	566.6	567.6
Iowa	306.5	306.5	306.8	306.9	306.9	308.6	308.1	306.8	306.0	305.6	305.0	303.7	304.0
Kansas	260.0	259.4	261.5	262.2	263.1	263.8	265.4	264.3	264.6	264.3	265.0	265.2	265.6
Kentucky	351.2	350.7	353.4	354.3	354.7	359.2	359.8	359.3	357.1	356.6	356.1	356.5	356.4
Louisiana	394.9	396.3	398.4	399.8	400.4	400.2	401.3	399.8	397.6	395.5	397.3	399.1	398.6
Maine	131.8	130.9	130.1	130.3	130.0	131.4	131.2	130.9	130.1	129.9	129.7	130.3	130.5
Maryland	631.7	631.0	632.8	632.6	631.7	636.9	635.8	632.6	635.8	637.8	634.4	637.8	634.1
Massachusetts	909.5	907.3	910.6	910.3	907.5	922.8	916.3	916.5	914.8	914.8	914.6	918.8	918.1
Michigan	973.1	974.8	975.1	983.7	986.6	999.3	999.4	998.5	995.1	996.7	996.0	1,006.7	1,006.0
Minnesota	597.1	599.9	602.9	604.7	607.9	610.7	613.6	614.1	617.2	618.6	621.3	624.8	624.6
Mississippi	178.6	180.6	185.8	186.2	187.1	187.2	186.5	185.4	186.0	184.4	182.9	185.2	189.8
Missouri	601.5	602.8	606.7	603.8	603.8	608.6	612.2	612.2	614.6	613.1	610.9	610.9	612.1
Montana	82.1	82.2	82.8	83.2	84.1	85.1	85.4	85.0	84.5	84.2	83.9	85.6	85.9
Nebraska	185.2	186.9	187.9	187.2	186.2	185.5	184.5	185.2	185.7	186.5	185.0	184.6	184.5
Nevada	283.9	284.6	286.5	287.7	287.8	290.4	288.6	288.5	288.1	287.1	287.0	288.1	288.1
New Hampshire	128.9	129.5	131.1	130.8	131.2	133.3	132.9	132.6	132.5	132.3	131.0	131.9	132.1
New Jersey	972.3	972.7	976.0	976.4	976.6	980.2	977.7	977.8	978.7	976.3	974.1	980.9	979.3
New Mexico	159.5	160.0	159.9	160.6	160.8	160.4	161.8	161.7	162.0	163.2	163.9	165.6	165.8
New York	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	2,372.3	2,371.7	2,377.4	2,380.7
North Carolina	640.5	644.2	652.2	656.5	660.8	662.7	666.4	666.2	669.9	673.9	679.0	682.3	678.8
North Dakota	74.1	74.0	74.3	74.6	74.3	75.1	75.2	75.0	74.7	75.0	75.6	75.8	75.6
Ohio	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	1,259.8	1,263.3	1,263.4	1,265.0
Oklahoma	284.7	284.3	287.5	287.3	288.2	289.2	292.0	294.3	293.4	293.5	293.9	297.0	294.3
Oregon	309.6	312.2	313.6	314.1	313.7	316.6	319.7	319.9	320.8	320.7	322.2	322.9	322.6
Pennsylvania	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	1,517.8	1,511.3	1,512.3	1,509.0
Rhode Island	128.0	127.5	127.7	127.8	128.0	129.2	129.0	127.4	127.0	126.9	127.9	128.6	128.5
South Carolina	311.3	311.0	314.3	315.7	316.6	317.9	319.7	320.5	321.9	321.7	321.9	323.3	324.4
South Dakota	78.5	78.3	78.6	79.0	79.2	79.8	79.6	79.8	79.9	79.0	79.9	79.8	79.6
Tennessee	535.0	538.6	540.7	543.4	544.4	548.5	547.5	547.9	550.2	548.9	549.2	551.5	550.7
Texas	1,848.1	1,857.4	1,870.6	1,878.9	1,888.3	1,922.5	1,907.2	1,907.1	1,900.5	1,894.9	1,887.9	1,893.1	1,890.5
Utah	198.5	199.3	201.5	201.8	203.2	203.5	204.8	206.0	207.5	209.6	210.7	213.0	213.2
Vermont	68.9	69.7	70.2	70.8	70.0	69.3	71.9	71.6	71.8	71.1	70.8	70.7	70.6
Virginia	752.8	758.1	762.5	767.0	765.4	770.1	770.1	767.8	773.1	772.2	770.6	776.7	777.5
Washington	553.3	557.4	561.5	564.4	565.4	567.0	568.6	567.4	568.4	569.7	569.1	568.9	567.6
West Virginia	158.0	158.8	160.3	160.8	161.0	161.6	162.6	161.7	163.7	164.3	164.1	163.6	163.8
Wisconsin	571.6	572.2	576.7	578.6	579.8	580.6	582.6	582.5	582.6	584.7	583.0	588.0	585.3
Wyoming	41.7	41.8	42.1	41.9	42.1	42.1	42.0	41.9	41.6	42.7	42.0	42.2	42.1

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Government													
Alabama	342.4	336.9	339.6	340.4	341.2	341.2	342.7	342.8	341.2	341.9	342.6	341.0	339.4
Alaska	73.0	73.1	73.5	73.9	73.4	74.9	73.8	73.7	73.8	74.4	74.0	73.2	73.9
Arizona	280.0	290.9	280.1	281.2	279.4	283.7	287.1	287.2	284.5	281.1	292.3	293.6	289.3
Arkansas	167.2	168.9	168.9	168.8	169.3	170.2	169.5	169.4	169.4	168.7	168.6	167.1	167.3
California	2,094.2	2,090.4	2,083.9	2,080.8	2,078.3	2,071.7	2,073.4	2,068.3	2,087.9	2,069.5	2,071.3	2,081.3	2,078.8
Colorado	295.6	292.5	294.0	294.1	294.3	294.2	295.3	295.4	295.7	295.4	293.4	295.6	297.3
Connecticut	206.4	204.0	205.3	205.8	204.8	204.3	204.7	207.7	205.8	208.2	207.1	211.6	212.0
Delaware	48.9	48.7	49.1	49.1	49.1	48.5	49.5	49.4	49.4	49.5	50.1	49.8	49.6
District of Columbia	287.3	287.2	288.2	289.1	289.3	289.2	290.3	289.9	290.8	290.9	289.1	296.6	291.1
Florida	872.0	873.2	873.4	870.4	872.3	870.3	875.4	873.7	884.9	878.2	884.7	890.6	895.9
Georgia	533.8	536.4	538.4	540.0	540.2	540.6	541.2	540.3	541.0	539.9	538.8	532.6	533.5
Hawaii	110.8	111.2	111.5	111.5	112.1	111.4	112.2	112.5	112.6	113.3	112.2	111.0	111.4
Idaho	88.3	87.8	87.5	87.8	87.3	87.0	88.4	87.8	87.7	88.6	87.5	88.0	87.5
Illinois	752.3	766.6	773.0	771.0	770.5	770.9	773.5	769.7	767.6	771.6	765.8	756.1	759.0
Indiana	386.9	387.6	388.5	388.9	388.5	386.2	388.6	388.7	388.9	388.9	391.6	388.8	388.5
Iowa	221.2	222.0	222.4	224.8	222.0	222.4	220.9	223.5	222.6	222.8	221.8	222.1	225.0
Kansas	232.9	227.1	227.6	228.6	228.6	226.6	230.2	231.1	232.6	231.0	233.7	234.6	228.9
Kentucky	273.5	276.2	276.0	275.9	276.4	273.2	277.3	277.6	276.7	273.8	280.0	279.7	280.1
Louisiana	343.3	343.7	328.8	329.5	330.8	334.9	335.7	336.4	331.4	329.6	336.7	346.1	348.4
Maine	96.1	95.6	94.9	94.6	94.4	94.9	95.4	95.8	94.6	94.4	94.0	93.2	94.0
Maryland	413.9	412.6	413.8	413.6	413.5	416.8	416.6	416.5	417.2	416.3	415.6	412.7	412.2
Massachusetts	376.2	373.4	374.7	375.1	373.4	371.9	373.3	374.6	375.7	374.7	372.8	374.0	374.2
Michigan	644.5	636.2	643.2	644.9	642.7	641.6	639.6	638.8	640.2	643.4	640.5	630.6	625.4
Minnesota	347.6	346.1	349.2	349.9	348.9	349.4	349.2	351.0	349.7	350.5	351.0	351.2	352.1
Mississippi	213.8	210.5	211.0	211.3	212.0	211.9	214.0	212.6	213.7	214.4	214.7	214.3	220.7
Missouri	372.4	371.8	373.3	374.0	374.3	372.5	374.8	375.1	377.0	377.2	378.2	377.2	373.6
Montana	74.6	74.1	73.7	73.8	74.0	73.9	74.2	74.2	74.0	73.5	74.2	74.2	73.0
Nebraska	147.9	147.0	146.8	151.1	145.8	147.1	147.0	146.9	146.7	146.1	144.4	147.9	148.9
Nevada	87.3	90.5	86.5	90.6	87.1	87.4	87.0	88.6	88.7	89.0	92.4	89.1	90.5
New Hampshire	71.0	71.9	71.9	72.1	72.2	71.2	72.7	72.4	72.6	71.8	72.5	73.7	72.9
New Jersey	575.5	567.9	568.9	569.3	568.9	569.1	568.7	568.6	566.9	569.0	570.1	561.1	561.2
New Mexico	155.2	155.7	155.8	160.6	156.5	157.0	157.2	157.9	157.6	159.7	158.4	158.8	159.4
New York	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	1,421.0	1,418.0	1,431.6	1,428.6
North Carolina	510.6	510.7	508.7	508.2	510.5	513.8	514.0	513.0	513.4	514.7	513.6	519.9	516.6
North Dakota	67.6	67.3	67.5	67.5	67.5	67.9	67.9	67.6	67.5	67.4	66.2	67.3	67.3
Ohio	734.7	734.0	735.0	733.4	733.5	734.8	734.3	733.3	733.4	733.9	734.7	728.0	733.7
Oklahoma	275.7	269.1	269.0	268.3	268.5	269.6	267.9	266.1	267.1	267.7	270.6	283.8	275.8
Oregon	231.0	231.4	230.6	237.5	231.8	232.1	232.6	232.8	232.5	232.0	233.0	231.9	233.4
Pennsylvania	696.5	696.3	696.5	696.9	695.6	696.1	697.8	697.2	696.1	700.2	700.5	698.4	693.8
Rhode Island	61.6	61.7	61.8	62.4	61.8	61.3	61.0	61.5	60.7	62.0	62.0	61.3	61.9
South Carolina	292.7	292.4	292.7	301.0	292.8	296.9	294.8	295.7	296.6	295.0	295.8	297.7	298.1
South Dakota	65.5	65.8	65.7	66.5	65.7	65.6	65.6	65.2	64.8	64.8	65.6	65.4	66.5
Tennessee	353.6	353.9	354.5	355.3	355.1	355.0	355.1	355.7	355.4	355.7	354.8	354.5	355.8
Texas	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	1,367.9	1,369.6	1,368.4	1,374.7
Utah	156.9	157.8	158.3	158.3	158.6	157.6	158.0	158.6	156.9	157.6	159.1	159.1	160.0
Vermont	43.2	43.0	43.3	43.5	43.1	43.9	43.4	42.9	43.4	43.5	43.2	43.1	42.9
Virginia	588.8	591.0	593.3	593.8	593.9	594.4	594.6	594.4	593.8	591.2	591.4	594.3	590.7
Washington	422.2	425.0	426.4	427.2	427.9	428.1	425.7	428.4	429.7	426.9	429.5	428.0	425.9
West Virginia	132.5	131.0	131.2	131.3	131.8	131.5	131.4	132.1	132.6	132.4	133.3	131.6	132.8
Wisconsin	359.1	359.7	358.4	360.3	358.7	359.9	361.7	360.7	358.9	363.5	362.2	362.2	361.5
Wyoming	56.9	56.7	56.8	57.4	57.1	57.2	57.2	57.2	56.7	56.6	57.4	57.0	55.9

¹ Includes mining, not shown separately.

² Mining is combined with construction.

^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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Alabama	1,679.8	1,687.0	1,683.3	10.5	10.7	10.7	78.2	78.2	78.7
Birmingham	428.5	433.9	431.7	4.9	5.0	5.1	22.8	23.2	23.2
Huntsville	140.0	139.5	139.2	(¹)	(¹)	(¹)	4.8	4.8	4.8
Mobile	190.8	192.2	191.6	(¹)	(¹)	(¹)	13.4	13.8	14.1
Montgomery	138.9	141.8	141.9	(¹)	(¹)	(¹)	6.7	6.7	6.6
Tuscaloosa	64.9	67.1	67.9	2.5	2.5	2.5	3.3	3.4	3.4
Alaska	263.6	268.3	268.1	11.1	10.6	10.6	13.5	14.1	14.7
Anchorage	118.3	120.4	121.0	3.4	3.3	3.3	7.0	7.7	8.0
Arizona	1,494.7	1,517.2	1,522.3	12.8	12.4	12.4	85.3	88.5	90.2
Phoenix	972.7	990.3	992.6	.8	.8	.8	56.0	58.5	60.0
Tucson	258.4	281.9	283.6	2.3	1.9	1.9	14.8	16.7	16.8
Arkansas	963.5	972.4	979.9	3.6	3.7	3.7	40.3	41.1	41.1
Fayetteville-Springdale	58.7	60.3	60.9	(¹)	(¹)	(¹)	2.3	2.5	2.4
Fort Smith	83.3	83.3	83.0	.8	.9	.9	2.8	2.9	2.9
Little Rock-North Little Rock	264.3	265.8	267.6	(¹)	(¹)	(¹)	12.0	12.3	12.0
Pine Bluff	33.6	33.3	33.4	(¹)	(¹)	(¹)	1.0	.9	.9
California	12,068.5	11,936.8	11,906.5	34.8	33.1	33.1	492.7	470.6	477.6
Anaheim-Santa Ana	1,114.0	1,105.8	1,102.5	1.2	1.0	1.0	49.3	44.2	44.9
Bakersfield	170.5	172.4	172.2	11.9	11.1	11.2	9.3	9.6	9.6
Fresno	229.7	229.3	230.8	.6	.5	.4	11.6	11.3	11.5
Los Angeles-Long Beach	3,777.0	3,719.9	3,711.0	8.0	8.0	8.0	107.4	101.4	102.3
Modesto	126.1	125.4	127.2	(²)	(²)	(²)	6.6	6.4	6.3
Oakland	856.9	851.0	847.3	3.2	3.1	3.2	42.0	42.1	42.4
Oxnard-Ventura	223.1	222.2	219.3	1.9	1.8	1.8	10.5	10.5	10.8
Riverside-San Bernardino	708.0	703.5	700.2	1.3	1.3	1.3	41.7	39.3	39.9
Sacramento	620.9	621.2	618.1	.8	.7	.7	31.4	29.8	30.7
Salinas-Seaside-Monterey	110.1	110.1	109.7	.3	.3	.3	3.9	3.8	3.8
San Diego	935.8	929.9	927.8	.5	.5	.5	44.6	41.3	41.6
San Francisco	915.0	910.1	908.8	.6	.6	.6	28.8	28.7	29.4
San Jose	788.0	773.3	772.4	.2	.2	.2	28.6	27.8	28.3
Santa Barbara-Santa Maria-Lompoc	141.5	138.8	137.9	.9	1.0	1.0	6.1	5.0	5.1
Santa Rosa-Petaluma	140.1	139.1	139.7	.6	.6	.6	8.7	8.5	8.6
Stockton	162.5	157.9	159.7	.1	.1	.1	6.6	6.7	6.6
Vallejo-Fairfield-Napa	141.3	140.4	139.7	.5	.4	.4	10.5	9.9	10.1
Colorado	1,603.0	1,839.9	1,644.6	16.8	15.8	15.7	81.1	89.4	88.6
Boulder-Longmont	125.4	130.4	130.2	(¹)	(¹)	(¹)	4.6	4.9	5.0
Denver	877.2	898.7	900.4	9.0	8.4	8.1	44.5	52.7	52.2
Connecticut	1,504.8	1,483.4	1,474.4	.9	.9	.9	52.7	48.5	49.1
Bridgeport-Milford	175.7	174.6	173.7	(²)	(²)	(²)	5.3	5.1	5.2
Hartford	422.5	415.8	407.8	(¹)	(¹)	(¹)	13.3	12.5	12.9
New Britain	59.4	58.7	58.2	(²)	(²)	(²)	4.0	3.7	3.6
New Haven-Meriden	233.2	231.0	228.1	(¹)	(¹)	(¹)	9.2	8.5	8.9
Stamford	113.9	113.3	112.1	(¹)	(¹)	(¹)	3.2	2.8	2.7
Waterbury	80.4	80.8	80.6	(²)	(²)	(²)	2.8	2.4	2.4
Delaware	348.2	350.6	349.5	.1	.1	.1	19.6	20.5	20.6
Wilmington	286.4	287.3	285.8	.2	.2	.2	16.2	15.1	15.3
District of Columbia	675.2	696.4	673.8	.1	.1	.1	9.1	9.3	9.4
Washington MSA	2,161.2	2,221.2	2,187.2	.6	.6	.6	99.4	97.7	98.2
Florida	5,259.0	5,386.2	5,389.4	7.1	5.8	5.9	262.9	277.2	279.2
Daytona Beach	121.9	126.2	125.8	(²)	(²)	(²)	6.2	6.4	6.5
Fort Lauderdale-Hollywood-Pompano Beach	500.4	520.8	522.6	.2	.2	.2	26.2	30.2	30.0
Fort Myers-Cape Coral	120.6	126.7	126.3	(²)	(²)	(²)	9.8	11.7	11.5
Gainesville	99.3	103.3	101.4	(²)	(²)	(²)	3.8	3.9	3.7
Jacksonville	416.2	422.1	422.4	(²)	(²)	(²)	22.6	23.1	23.1
Lakeland-Winter Haven	144.9	148.1	147.3	3.2	2.3	2.3	6.9	6.6	6.5
Melbourne-Titusville-Palm Bay	161.4	160.5	160.7	(²)	(²)	(²)	7.2	7.4	7.4
Miami-Hialeah	849.5	871.4	873.6	.6	.5	.5	29.7	40.6	40.9
Orlando	568.6	566.5	566.4	(²)	(²)	(²)	29.4	29.1	29.2
Pensacola	131.6	133.3	133.5	(²)	(²)	(²)	7.4	7.3	7.6
Sarasota	111.6	114.0	113.6	(²)	(²)	(²)	7.0	7.1	7.2
Tallahassee	123.7	127.0	127.8	(²)	(²)	(²)	5.3	5.1	5.2
Tampa-St. Petersburg-Clearwater	853.2	862.9	866.5	.5	.5	.4	41.0	39.4	39.9
West Palm Beach-Boca Raton-DeLray Beach	342.2	347.8	348.2	(²)	(²)	(²)	18.4	19.7	19.7

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Alabama	383.4	376.2	380.1	83.2	83.2	83.2	370.1	370.6	371.8
Birmingham	54.3	53.2	53.0	31.0	30.7	30.6	104.0	104.4	105.1
Huntsville	32.0	30.5	31.1	3.2	3.3	3.3	26.4	26.7	26.7
Mobile	27.8	27.8	27.9	11.2	10.8	10.7	49.3	49.7	49.4
Montgomery	16.6	17.3	17.6	5.8	5.8	5.8	31.7	32.2	32.3
Tuscaloosa	9.9	10.5	10.6	2.2	2.2	2.2	14.2	14.4	14.5
Alaska	24.3	26.4	24.3	24.6	24.9	25.0	51.1	52.5	52.6
Anchorage	2.4	2.4	2.3	12.9	12.8	12.9	27.2	27.6	27.7
Arizona	172.0	170.7	171.4	82.0	78.3	78.1	371.6	378.0	378.9
Phoenix	127.6	127.4	127.7	57.4	53.8	53.8	241.9	246.5	247.6
Tucson	23.9	23.9	23.9	10.7	11.2	11.2	63.2	63.9	63.7
Arkansas	237.8	243.3	243.2	55.9	56.4	56.6	216.3	218.2	220.3
Fayetteville-Springdale	14.3	15.4	15.3	4.4	4.7	4.6	13.6	13.8	13.8
Fort Smith	24.7	25.9	25.7	5.1	5.4	5.5	17.1	16.8	16.9
Little Rock-North Little Rock	33.4	33.8	33.7	17.3	17.3	17.4	62.5	62.5	63.3
Pine Bluff	7.2	7.0	7.1	2.2	2.2	2.2	7.1	7.0	7.0
California	1,905.9	1,807.1	1,817.3	608.2	602.2	600.3	2,824.7	2,774.5	2,770.0
Anaheim-Santa Ana	217.5	210.0	209.1	35.5	36.4	36.5	278.4	274.6	273.7
Bakersfield	10.9	10.4	10.5	8.5	8.5	8.4	41.7	41.2	41.4
Fresno	27.7	27.7	28.4	12.3	12.2	12.3	56.9	56.2	56.1
Los Angeles-Long Beach	712.3	657.5	656.4	202.8	198.5	197.6	852.5	839.4	838.2
Modesto	31.5	29.8	31.5	5.3	5.7	5.5	30.3	30.5	30.5
Oakland	109.8	104.6	104.4	53.8	53.7	53.8	201.7	199.6	199.2
Oxnard-Ventura	31.5	30.7	31.0	10.6	10.2	10.3	53.4	52.6	52.1
Riverside-San Bernardino	86.3	83.3	83.1	36.1	36.3	35.9	183.0	182.4	182.1
Sacramento	44.8	43.0	42.8	29.2	29.0	28.9	142.1	142.0	141.4
Salinas-Seaside-Monterey	9.1	10.0	10.0	5.1	5.1	5.0	29.0	28.5	28.6
San Diego	122.0	115.6	115.1	35.0	34.9	34.9	218.9	213.9	214.5
San Francisco	76.0	75.4	75.8	78.5	76.6	76.5	195.1	191.9	191.6
San Jose	237.6	226.8	228.4	22.3	22.9	22.6	156.9	153.7	152.9
Santa Barbara-Santa Maria-Lompoc	18.8	18.2	17.9	5.4	4.9	4.8	33.2	32.8	32.5
Santa Rosa-Petaluma	20.6	20.0	20.6	5.8	5.9	5.9	36.0	35.3	35.1
Stockton	28.3	26.8	28.5	10.8	10.6	10.7	38.3	38.0	38.1
Vallejo-Fairfield-Napa	13.7	13.2	13.2	5.6	6.1	6.2	34.8	35.1	34.9
Colorado	186.2	183.4	184.4	99.8	102.2	102.7	391.4	399.6	402.5
Boulder-Longmont	28.3	28.5	28.8	3.1	3.2	3.3	27.3	28.3	28.1
Denver	91.1	89.0	89.0	71.8	73.5	73.8	213.0	217.6	218.2
Connecticut	300.9	285.6	282.7	66.0	64.4	64.1	330.6	321.8	320.6
Bridgeport-Milford	45.8	44.7	45.0	6.9	6.7	6.6	39.7	38.2	38.1
Hartford	68.6	61.8	58.9	16.8	15.7	15.5	90.3	89.0	88.2
New Britain	16.1	15.0	15.1	2.4	2.2	2.1	12.4	12.9	12.6
New Haven-Meriden	42.0	40.9	40.7	15.8	15.8	15.8	49.1	47.5	46.8
Stamford	17.1	16.7	16.6	5.1	4.8	4.8	26.2	26.3	26.1
Waterbury	17.8	16.5	16.9	3.3	3.2	3.3	16.0	16.1	15.9
Delaware	68.3	66.0	65.9	13.9	14.4	14.2	78.4	78.6	78.1
Wilmington	57.2	54.9	55.1	15.8	16.1	15.9	57.8	58.0	57.4
District of Columbia	13.9	13.8	13.7	23.4	23.3	23.2	54.2	53.5	52.4
Washington MSA	79.3	78.7	78.2	104.1	102.8	102.4	409.1	407.5	405.0
Florida	478.1	477.2	479.0	272.8	278.2	277.0	1,393.5	1,419.6	1,420.6
Daytona Beach	11.4	11.1	11.1	3.8	3.8	3.8	35.6	36.4	36.4
Fort Lauderdale-Hollywood-Pompano Beach	39.3	40.4	41.0	24.3	26.1	26.1	144.9	148.7	149.6
Fort Myers-Cape Coral	5.3	5.3	5.4	5.7	5.8	5.8	33.6	35.3	35.1
Gainesville	5.6	5.9	6.0	2.1	2.1	2.1	21.0	21.4	21.7
Jacksonville	33.5	34.0	34.3	30.9	30.5	30.2	108.8	109.7	109.5
Lakeland-Winter Haven	19.5	20.6	20.6	7.3	7.3	7.2	40.8	42.3	42.0
Melbourne-Titusville-Palm Bay	28.8	28.2	28.1	4.6	4.7	4.7	35.9	35.7	35.8
Miami-Hialeah	83.4	84.2	84.3	67.4	70.8	70.6	226.0	229.7	229.6
Orlando	46.8	45.7	45.5	32.8	34.6	34.7	144.2	147.6	148.2
Pensacola	11.1	11.1	11.1	6.1	6.1	6.1	32.1	32.4	32.6
Sarasota	7.4	7.3	7.2	3.7	3.7	3.7	31.0	31.8	31.5
Tallahassee	4.2	4.2	4.3	3.2	3.1	3.1	26.4	27.5	27.7
Tampa-St. Petersburg-Clearwater	85.1	83.6	83.9	39.6	39.0	39.2	226.3	227.0	228.0
West Palm Beach-Boca Raton-DeLray Beach	31.3	29.1	30.0	13.9	14.8	14.8	91.8	93.2	93.0

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Alabama	74.3	75.5	75.7	348.7	355.4	354.9	331.4	337.2	328.2
Birmingham	30.5	31.3	31.2	114.1	117.5	117.1	66.9	68.6	66.4
Huntsville	4.1	4.3	4.3	36.8	36.7	36.5	32.7	33.2	32.5
Mobile	7.9	8.0	8.0	48.8	50.2	50.4	32.2	31.9	31.1
Montgomery	8.3	8.0	8.2	33.8	34.7	35.1	36.0	37.1	36.3
Tuscaloosa	2.1	2.3	2.3	10.0	10.7	10.7	20.7	21.1	21.7
Alaska	11.1	11.0	11.1	57.5	58.5	58.6	70.4	70.3	71.2
Anchorage	6.8	6.8	6.8	31.0	31.8	31.7	27.6	28.0	28.3
Arizona	94.6	95.7	95.7	423.7	435.2	434.5	252.7	258.4	261.2
Phoenix	75.0	75.7	75.7	284.5	292.2	291.4	129.5	135.4	135.6
Tucson	11.6	11.6	11.8	77.5	79.4	79.6	54.4	53.3	54.7
Arkansas	39.4	39.8	39.9	214.9	217.7	219.8	155.3	152.2	155.3
Fayetteville-Springdale	1.7	1.8	1.8	12.2	12.3	12.6	10.2	9.8	10.4
Fort Smith	2.6	2.6	2.6	22.2	21.2	20.8	8.0	7.6	7.7
Little Rock-North Little Rock	16.1	16.3	16.3	73.6	74.2	74.6	49.4	49.4	50.3
Pine Bluff	1.2	1.2	1.2	7.5	7.7	7.7	7.4	7.3	7.3
California	790.4	782.6	783.0	3,428.8	3,457.0	3,458.9	1,983.0	2,009.7	1,968.3
Anaheim-Santa Ana	94.4	92.7	92.4	321.1	326.7	326.3	116.6	120.2	118.6
Bakersfield	5.9	5.7	5.7	40.9	41.1	41.4	41.4	44.8	44.0
Fresno	13.3	13.0	13.1	57.5	58.3	57.6	49.8	50.1	51.2
Los Angeles-Long Beach	252.1	247.6	247.5	1,128.2	1,143.5	1,142.3	513.7	524.0	518.7
Modesto	5.0	5.0	5.1	26.5	26.5	26.7	20.9	21.5	21.6
Oakland	58.0	56.8	56.7	228.7	231.0	230.5	159.7	160.1	157.1
Oxnard-Ventura	12.1	12.4	12.3	60.9	61.2	61.1	42.2	42.8	39.9
Riverside-San Bernardino	30.7	30.4	30.4	181.8	182.4	182.5	147.1	148.1	145.0
Sacramento	42.7	43.5	43.7	149.8	151.0	150.8	180.1	182.2	179.1
Salinas-Seaside-Monterey	6.3	6.5	6.5	28.6	28.6	28.5	27.8	27.3	27.0
San Diego	61.2	60.7	60.7	286.2	291.7	292.2	167.4	171.3	188.3
San Francisco	102.5	102.9	103.0	305.3	306.8	306.5	128.2	127.2	125.4
San Jose	31.4	30.9	31.2	224.1	225.0	223.7	86.9	86.0	85.1
Santa Barbara-Santa Maria-Lompoc	7.7	7.6	7.6	42.5	42.1	42.2	26.9	27.2	26.8
Santa Rosa-Petaluma	9.7	9.6	9.5	37.0	37.9	37.8	21.7	21.3	21.6
Stockton	9.0	8.8	8.8	34.5	34.8	34.8	34.9	32.1	32.1
Vallejo-Fairfield-Napa	5.2	4.9	4.9	34.7	35.5	35.5	36.3	35.3	34.5
Colorado	101.0	104.5	104.7	451.8	466.5	469.2	275.1	278.5	276.8
Boulder-Longmont	4.5	4.8	4.8	36.5	38.1	38.3	21.1	22.6	21.9
Denver	67.7	69.6	69.8	250.4	256.3	257.9	129.7	131.6	131.4
Connecticut	143.9	140.2	140.0	419.9	424.6	422.0	189.9	197.4	195.0
Bridgeport-Milford	10.4	10.3	10.3	49.3	50.5	50.3	18.3	19.1	18.2
Hartford	71.0	69.8	69.5	105.4	107.9	107.0	57.1	59.1	55.8
New Britain	4.0	4.1	4.0	13.6	14.3	14.2	6.9	8.5	6.6
New Haven-Meriden	15.4	14.3	14.1	70.6	72.1	70.5	31.1	31.9	31.3
Stamford	13.9	13.6	13.5	38.8	39.0	38.8	9.6	10.1	9.6
Waterbury	4.3	4.6	4.5	24.1	25.2	24.9	12.1	12.8	12.7
Delaware	33.8	34.2	34.3	87.2	88.6	88.8	46.9	48.2	47.5
Wilmington	29.7	30.6	30.6	73.5	75.0	74.7	36.0	37.4	36.6
District of Columbia	33.7	31.6	31.4	254.7	255.2	253.6	286.1	309.6	290.0
Washington MSA	128.7	126.9	126.6	769.6	785.5	781.7	590.4	621.5	594.5
Florida	353.2	355.6	357.0	1,681.0	1,738.1	1,738.4	810.4	834.5	832.3
Daytona Beach	5.3	5.5	5.5	38.8	40.4	40.3	20.8	22.6	22.2
Fort Lauderdale-Hollywood-Pompano Beach	39.6	38.9	38.9	157.7	166.3	166.7	68.2	70.0	70.1
Fort Myers-Cape Coral	8.0	7.7	7.8	38.6	41.0	41.0	19.5	19.8	19.6
Gainesville	4.8	4.4	4.4	26.4	27.1	27.2	35.7	36.4	38.2
Jacksonville	44.8	44.6	44.8	116.3	120.1	120.2	58.9	59.7	59.9
Lakeland-Winter Haven	7.7	7.6	7.7	37.5	38.8	38.6	22.0	22.6	22.4
Melbourne-Titusville-Palm Bay	5.1	5.2	5.3	55.6	54.5	54.8	24.2	24.8	24.6
Miami-Hialeah	62.6	63.7	64.0	260.6	262.8	264.7	119.2	119.3	119.0
Orlando	34.1	35.5	35.7	218.9	229.4	228.6	62.2	64.4	64.3
Pensacola	5.3	5.2	5.2	40.4	41.8	41.8	28.8	29.1	28.7
Sarasota	7.6	7.6	7.6	42.1	43.5	43.5	12.8	13.0	12.9
Tallahassee	5.2	5.1	5.2	30.0	30.0	30.1	49.2	51.8	52.0
Tampa-St. Petersburg-Clearwater	62.9	63.3	63.6	289.1	299.8	301.1	108.7	110.3	110.4
West Palm Beach-Boca Raton-DeLray Beach	25.6	26.2	28.0	117.1	119.3	119.5	44.1	45.3	45.2

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		
	Aug. 1992	July 1993	Aug. 1993P	Aug. 1992	July 1993	Aug. 1993P	Aug. 1992	July 1993	Aug. 1993P
Georgia	2,994.1	3,070.3	3,079.7	7.6	7.4	7.5	122.9	133.4	135.0
Albany	50.4	51.0	51.0	(¹)	(¹)	(¹)	2.7	3.2	3.2
Athens	66.9	68.8	69.0	.1	.1	.1	2.4	2.3	2.4
Atlanta	1,508.6	1,574.7	1,580.7	1.1	1.0	1.0	62.5	73.9	75.3
Augusta	180.9	180.0	179.7	.5	.5	.5	12.0	12.7	12.6
Columbus	96.5	98.9	97.9	.1	.1	.1	3.7	3.6	3.6
Macon-Warner Robins	125.2	125.8	126.2	.1	.1	.1	3.9	3.6	3.7
Savannah	115.9	120.0	119.4	(¹)	(¹)	(¹)	6.8	5.7	5.6
Hawaii	535.9	531.7	527.6	(¹)	(¹)	(¹)	30.9	31.3	30.9
Honolulu	411.3	407.7	404.5	(¹)	(¹)	(¹)	23.8	23.3	23.1
Idaho	422.5	429.6	430.1	2.7	2.5	2.6	25.3	25.6	26.3
Boise City	120.0	125.5	126.6	(¹)	(¹)	(¹)	8.1	8.6	9.0
Illinois	5,195.3	5,248.6	5,256.6	18.9	15.3	15.2	222.3	214.0	218.0
Aurora-Elgin	154.5	156.3	156.4	(¹)	(¹)	(¹)	8.8	8.3	8.3
Bloomington-Normal	68.7	68.2	68.9	(¹)	(¹)	(¹)	2.6	2.4	2.3
Champaign-Urbana-Rantoul	88.9	87.4	84.9	(¹)	(¹)	(¹)	3.5	3.2	3.3
Chicago	3,091.1	3,144.6	3,146.4	1.6	1.6	1.6	120.2	118.4	119.5
Davenport-Rock Island-Moline	166.3	166.9	166.9	(¹)	(¹)	(¹)	8.6	8.4	8.4
Decatur	55.6	54.9	54.8	(¹)	(¹)	(¹)	3.7	3.4	3.3
Joliet	117.8	118.3	118.0	(¹)	(¹)	(¹)	9.6	9.3	9.4
Kankakee	40.1	38.9	38.9	(¹)	(¹)	(¹)	1.9	1.9	2.0
Lake County	239.5	242.6	241.6	(¹)	(¹)	(¹)	11.8	11.9	11.9
Peoria	153.3	153.2	153.4	(¹)	(¹)	(¹)	8.3	7.4	7.4
Rockford	137.4	136.3	136.9	(¹)	(¹)	(¹)	5.6	5.6	5.5
Springfield	115.0	109.2	115.2	(¹)	(¹)	(¹)	5.6	5.2	5.2
Indiana	2,541.8	2,552.7	2,564.5	7.4	6.6	6.6	119.2	121.5	122.0
Anderson	49.4	48.8	48.8	(¹)	(¹)	(¹)	1.5	1.8	1.8
Bloomington	54.5	56.2	54.3	(¹)	(¹)	(¹)	3.0	3.6	3.6
Elkhart-Goshen	101.5	104.1	104.5	(¹)	(¹)	(¹)	3.1	3.2	3.1
Evansville	139.5	140.4	141.0	1.8	1.5	1.5	8.3	8.2	8.7
Fort Wayne	202.3	203.6	204.9	(¹)	(¹)	(¹)	9.8	10.1	10.1
Gary-Hammond	246.2	240.0	239.9	(¹)	(¹)	(¹)	16.1	14.2	14.5
Indianapolis	681.8	687.8	688.1	.7	.7	.6	35.8	34.9	34.7
Kokomo	47.4	48.6	48.8	(¹)	(¹)	(¹)	1.2	1.2	1.1
Lafayette-West Lafayette	67.6	69.0	70.1	(¹)	(¹)	(¹)	3.0	3.0	3.1
Muncie	54.1	54.4	54.3	(¹)	(¹)	(¹)	2.2	2.7	2.6
South Bend-Mishawaka	117.3	117.2	117.9	(¹)	(¹)	(¹)	7.0	6.5	6.8
Terre Haute	60.0	58.3	58.2	.4	.4	.4	3.6	3.1	3.0
Iowa	1,245.8	1,246.1	1,251.6	2.3	2.3	2.3	54.1	54.0	55.0
Cedar Rapids	95.4	94.8	95.4	(¹)	(¹)	(¹)	5.2	4.8	5.1
Des Moines	241.2	240.0	242.6	(¹)	(¹)	(¹)	10.7	10.2	10.6
Dubuque	46.7	46.4	46.6	(¹)	(¹)	(¹)	2.0	1.9	1.9
Iowa City	56.5	56.4	57.3	(¹)	(¹)	(¹)	2.0	2.1	2.1
Sioux City	57.4	58.1	57.9	(¹)	(¹)	(¹)	3.1	3.5	3.5
Waterloo-Cedar Falls	71.1	71.7	71.5	(¹)	(¹)	(¹)	3.2	3.1	3.1
Kansas	1,109.8	1,122.4	1,117.8	8.9	8.2	8.4	47.3	48.8	49.4
Lawrence	38.2	36.5	38.0	(¹)	(¹)	(¹)	1.7	1.4	1.4
Topeka	92.5	92.5	92.9	(¹)	(¹)	(¹)	3.9	3.9	4.0
Wichita	245.0	240.9	240.0	1.7	1.7	1.7	12.1	12.4	12.4
Kentucky	1,513.5	1,528.0	1,531.3	30.0	27.3	27.0	74.6	74.6	74.6
Lexington-Fayette	207.3	211.4	212.2	.2	.2	.2	11.5	12.1	12.0
Louisville	496.4	503.3	503.2	.6	.6	.6	24.1	24.9	25.1
Owensboro	37.8	37.8	38.2	.5	.5	.5	2.5	2.4	2.4
Louisiana	1,624.0	1,630.1	1,627.2	46.5	44.0	43.8	101.0	99.9	99.8
Alexandria	47.3	47.9	48.2	.1	.1	.1	3.0	3.3	3.2
Baton Rouge	249.5	251.7	249.7	.8	.9	.9	31.0	30.5	30.0
Houma-Thibodaux	56.6	58.8	58.3	4.4	4.6	4.9	3.2	3.4	3.4
Lafayette	101.0	100.6	101.1	10.6	10.5	10.4	5.4	5.2	5.3
Lake Charles	72.2	73.2	72.3	.9	.9	.9	8.8	9.4	9.2
Monroe	60.7	61.0	60.8	.4	.4	.4	3.4	3.5	3.5
New Orleans	537.2	534.3	533.1	13.7	12.5	12.3	23.4	22.9	23.0
Shreveport	138.8	140.9	141.1	2.7	2.6	2.7	7.1	6.9	7.0

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Georgia	545.1	546.2	547.3	197.9	203.4	204.0	752.1	775.3	778.1
Albany	7.8	7.5	7.5	2.5	2.5	2.5	12.4	12.6	12.7
Athens	14.7	15.0	15.0	1.8	1.8	1.8	16.0	17.3	17.2
Atlanta	171.3	172.9	174.3	132.7	135.4	136.2	414.3	437.1	437.9
Augusta	42.5	41.8	41.9	5.1	5.0	5.0	38.9	38.7	38.4
Columbus	20.0	20.9	20.1	3.4	3.7	3.7	21.2	21.7	21.5
Macon-Warner Robins	17.8	18.7	18.6	4.9	4.8	4.8	29.7	29.8	30.3
Savannah	16.6	17.5	17.2	10.1	10.9	10.8	27.8	29.0	28.9
Hawaii	19.7	18.9	18.7	43.2	41.5	41.0	135.1	134.3	132.5
Honolulu	14.3	13.7	13.5	35.6	34.0	33.7	101.4	101.2	99.8
Idaho	67.5	70.3	70.2	20.6	20.4	20.7	107.9	110.1	109.7
Boise City	18.3	20.4	20.5	6.1	6.1	6.1	30.0	29.9	30.2
Illinois	930.2	924.3	926.0	300.6	299.9	299.3	1,232.4	1,250.1	1,255.9
Aurora-Elgin	38.8	38.7	38.7	3.6	3.5	3.5	38.2	38.8	39.1
Bloomington-Normal	7.2	7.2	7.3	3.0	2.9	3.0	16.1	15.9	16.0
Champaign-Urbana-Rantoul	9.9	10.4	10.2	2.4	2.4	2.4	19.6	19.7	19.9
Chicago	509.9	513.2	514.2	199.4	199.3	199.8	726.5	739.8	743.9
Davenport-Rock Island-Moline	27.1	26.7	26.7	7.7	7.8	7.8	49.8	49.5	49.9
Decatur	14.4	13.5	13.6	4.8	4.8	4.8	11.9	12.1	12.1
Joliet	21.5	21.4	21.4	9.3	9.2	9.2	26.8	27.3	27.2
Kankakee	6.4	6.3	6.4	1.5	1.6	1.5	9.6	9.4	9.5
Lake County	51.3	52.1	52.1	7.7	7.7	7.9	63.7	63.9	64.1
Peoria	32.5	31.9	31.8	7.8	7.7	7.8	36.0	36.3	36.6
Rockford	42.4	40.1	40.5	4.7	4.8	4.8	30.8	31.0	31.0
Springfield	4.0	3.9	4.0	5.0	4.9	5.0	26.1	24.4	26.4
Indiana	632.6	631.9	635.2	130.9	129.8	130.8	603.7	602.1	603.0
Anderson	15.0	13.4	13.4	1.1	1.2	1.2	11.4	11.4	11.3
Bloomington	9.2	9.0	9.0	1.6	1.7	1.7	12.2	13.2	13.0
Elkhart-Goshen	52.4	53.9	54.1	2.7	2.5	2.6	19.3	19.8	19.9
Evansville	31.6	32.7	32.0	6.6	6.8	6.7	35.5	34.9	34.8
Fort Wayne	51.3	51.7	52.2	13.8	13.9	14.0	49.4	48.0	48.3
Gary-Hammond	53.9	52.2	52.3	17.9	17.2	17.5	59.6	59.1	59.1
Indianapolis	108.7	111.1	111.1	41.5	41.1	41.2	175.3	180.7	181.1
Kokomo	19.0	19.0	19.1	1.4	1.4	1.3	10.3	10.6	10.7
Lafayette-West Lafayette	14.7	14.9	15.0	2.1	2.3	2.3	13.9	13.9	14.2
Muncie	10.8	10.5	10.6	4.2	4.1	4.1	12.2	12.3	12.4
South Bend-Mishawaka	20.4	21.2	21.1	5.5	5.4	5.5	29.9	30.3	30.4
Terre Haute	11.2	11.6	11.6	2.6	2.4	2.4	16.8	17.1	17.2
Iowa	232.0	230.8	233.4	55.0	54.2	54.3	321.9	322.3	323.3
Cedar Rapids	20.6	20.5	20.5	5.5	5.4	5.4	22.8	23.4	22.9
Des Moines	24.8	23.0	25.0	12.0	12.1	12.3	63.4	63.7	63.1
Dubuque	12.6	12.7	12.8	1.8	1.8	1.8	10.9	11.1	11.1
Iowa City	4.4	4.4	4.4	1.6	1.5	1.6	10.9	10.8	10.7
Sioux City	11.2	11.8	11.7	3.4	3.5	3.5	14.5	14.1	14.3
Waterloo-Cedar Falls	16.2	16.1	15.9	1.9	1.9	1.9	17.5	17.9	17.8
Kansas	181.5	180.9	180.1	64.9	66.0	65.5	273.2	279.6	278.1
Lawrence	4.8	4.8	4.7	.9	1.0	1.1	9.2	9.0	9.1
Topeka	9.1	9.3	9.3	6.0	6.5	6.5	20.7	20.7	20.9
Wichita	59.7	56.8	56.7	11.7	11.6	11.6	57.0	55.5	55.3
Kentucky	289.5	292.0	292.6	82.6	83.3	83.2	357.9	362.5	362.9
Lexington-Fayette	33.0	33.8	34.0	8.7	8.7	8.6	46.5	48.0	48.0
Louisville	88.7	88.2	88.8	33.2	33.7	33.7	119.9	122.0	121.7
Owensboro	6.4	6.4	6.3	2.1	2.0	2.0	9.5	9.6	9.6
Louisiana	186.6	184.4	185.7	104.9	104.7	104.3	380.1	380.9	380.9
Alexandria	3.3	3.3	3.3	2.3	2.5	2.6	10.5	10.5	10.6
Baton Rouge	23.8	23.4	23.3	11.5	11.8	11.8	53.9	54.5	54.8
Houma-Thibodaux	4.8	4.7	4.7	5.5	5.6	5.7	14.7	15.1	14.9
Lafayette	9.6	9.5	9.5	5.9	6.0	6.0	26.5	26.3	26.4
Lake Charles	10.8	10.8	10.9	4.3	4.7	4.7	16.2	16.4	16.3
Monroe	8.0	7.7	7.8	2.9	3.0	3.0	15.1	15.2	15.2
New Orleans	44.8	42.6	42.8	40.1	40.0	39.4	137.0	136.5	136.4
Shreveport	17.2	16.5	17.3	8.0	8.1	7.9	32.9	34.5	34.3

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	Finance, insurance, and real estate			Services			Government		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Georgia	163.5	165.7	165.6	683.3	716.6	720.8	521.7	522.3	521.4
Albany	2.1	2.0	2.0	11.2	11.8	11.8	11.7	11.4	11.3
Athens	2.1	2.1	2.1	11.3	11.0	11.2	18.5	19.2	19.2
Atlanta	106.3	106.9	106.9	403.2	428.2	430.6	217.2	219.3	218.5
Augusta	6.3	6.5	6.5	40.6	40.2	40.4	35.0	34.8	34.4
Columbus	6.7	7.3	7.2	22.0	22.0	22.2	19.4	19.6	19.5
Macon—Warner Robins	7.6	8.2	8.2	27.0	26.9	26.7	34.2	33.7	33.8
Savannah	4.3	4.2	4.2	32.0	34.1	34.2	18.3	18.6	18.5
Hawaii	37.9	38.0	38.2	162.5	160.9	159.2	106.6	106.6	107.1
Honolulu	31.2	31.4	31.5	118.4	118.2	116.9	86.6	85.9	86.0
Idaho	21.9	22.6	22.5	93.0	94.6	95.3	83.6	83.5	82.8
Boise City	8.9	9.3	9.3	28.2	30.5	30.8	20.4	20.7	20.7
Illinois	380.4	383.4	383.6	1,400.0	1,435.7	1,442.9	710.5	725.9	715.7
Aurora—Elgin	9.7	9.5	9.5	39.6	41.0	40.9	15.8	16.5	16.4
Bloomington—Normal	12.2	12.2	12.3	17.3	17.5	17.3	10.3	10.1	10.7
Champaign—Urbana—Rantoul	3.3	3.3	3.4	18.9	19.3	19.2	31.3	29.1	28.5
Chicago	266.2	269.3	269.5	904.6	927.5	932.3	362.7	375.5	365.6
Davenport—Rock Island—Moline	8.1	8.0	8.0	40.7	42.1	41.9	24.3	24.4	24.2
Decatur	2.4	2.5	2.5	12.8	12.8	12.8	5.6	5.8	5.7
Joliet	4.4	4.5	4.5	29.5	29.7	29.7	16.7	16.9	16.6
Kankakee	1.8	1.8	1.7	11.8	11.0	10.9	7.1	6.9	6.9
Lake County	15.4	15.4	15.4	61.3	61.7	62.1	28.3	29.9	28.1
Peoria	8.8	8.6	8.6	44.1	44.9	44.9	16.0	16.4	18.3
Rockford	8.3	8.3	8.3	35.8	36.3	36.5	11.8	12.2	12.3
Springfield	8.0	8.1	8.1	33.1	30.8	33.4	33.2	31.9	33.1
Indiana	129.6	133.1	132.9	555.6	567.7	589.8	362.9	360.0	364.4
Anderson	1.6	1.6	1.6	11.5	11.9	12.0	7.3	7.5	7.5
Bloomington	1.9	2.1	2.0	10.7	10.4	10.5	15.8	18.2	14.6
Elkhart—Goshen	2.6	2.5	2.5	15.7	16.1	16.1	5.8	6.0	6.1
Evansville	5.8	6.0	5.9	35.9	37.1	37.3	14.0	13.3	14.0
Fort Wayne	12.0	11.9	11.9	47.6	49.6	50.1	18.3	18.4	18.4
Gary—Hammond	8.9	9.3	9.2	57.0	55.9	55.8	32.7	32.0	31.5
Indianapolis	54.7	55.5	55.6	163.4	166.1	165.6	101.6	97.8	98.3
Kokomo	1.4	1.7	1.7	8.0	8.3	8.4	6.1	6.4	6.5
Lafayette—West Lafayette	3.1	3.3	3.3	13.5	13.9	14.3	17.2	17.7	18.0
Muncie	1.8	1.8	1.8	12.7	13.2	13.3	10.2	9.8	9.4
South Bend—Mishawaka	6.8	6.7	6.7	35.1	34.9	35.0	12.5	12.1	12.4
Terre Haute	2.2	2.3	2.3	13.5	13.1	13.0	9.6	8.4	8.3
Iowa	73.3	74.8	74.6	304.2	301.0	301.9	203.0	206.7	206.8
Cedar Rapids	5.1	5.3	5.2	25.7	25.2	25.4	10.5	10.2	10.9
Des Moines	33.8	34.7	34.5	65.6	65.0	66.0	30.9	31.3	31.1
Dubuque	1.8	1.8	1.8	14.5	13.8	13.8	3.3	3.3	3.4
Iowa City	1.8	1.7	1.7	10.4	10.4	10.3	25.6	25.5	26.5
Sioux City	2.6	2.6	2.6	16.3	16.1	15.9	6.3	6.5	6.4
Waterloo—Cedar Falls	3.9	4.0	4.0	17.1	17.5	17.6	11.3	11.2	11.2
Kansas	58.2	58.7	58.6	261.8	267.1	267.5	214.0	213.1	210.2
Lawrence	1.8	1.7	1.7	8.3	8.2	8.2	11.5	10.4	11.8
Topeka	6.3	6.3	6.3	24.0	23.9	24.0	22.5	21.9	21.9
Wichita	11.1	11.4	11.5	64.6	64.1	64.0	27.1	27.4	26.6
Kentucky	63.1	63.7	63.6	355.1	360.1	360.3	260.7	264.5	267.1
Lexington—Fayette	9.4	9.5	9.4	52.5	52.4	52.3	45.5	46.7	47.7
Louisville	28.0	28.6	28.5	135.8	139.1	138.7	66.1	66.2	66.1
Owensboro	1.4	1.4	1.4	9.7	9.6	9.7	5.7	5.9	6.3
Louisiana	77.8	77.1	76.9	394.2	398.7	397.8	332.9	340.4	338.0
Alexandria	2.1	2.1	2.1	13.4	13.6	13.6	12.6	12.5	12.7
Baton Rouge	14.2	14.3	14.3	58.8	60.0	59.8	55.5	56.3	54.8
Houma—Thibodaux	2.2	2.3	2.2	10.9	11.6	11.5	10.9	11.5	11.0
Lafayette	3.9	4.0	4.0	25.3	25.4	25.7	13.8	13.7	13.8
Lake Charles	2.7	2.6	2.6	15.9	15.3	15.3	12.8	13.1	12.4
Monroe	4.2	4.3	4.2	14.9	15.0	15.0	11.8	11.9	11.7
New Orleans	29.1	29.0	29.0	152.7	156.0	155.6	96.4	94.8	94.6
Shreveport	6.4	6.7	6.6	37.7	37.5	37.2	26.8	28.1	28.1

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	Total			Mining			Construction		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Maine	526.3	514.7	520.3	0.1	0.1	0.1	24.1	24.4	24.2
Lewiston-Auburn	36.7	37.2	37.5	(?)	(?)	(?)	1.8	1.6	1.6
Portland	121.8	123.3	124.1	(?)	(?)	(?)	5.4	5.9	5.8
Maryland	2,084.8	2,077.0	2,069.0	1.2	1.2	1.2	123.7	118.0	117.7
Baltimore MSA	1,094.7	1,081.0	1,075.5	.2	.2	.2	58.6	55.4	55.5
Baltimore City	426.2	417.8	415.4	(?)	(?)	(?)	13.2	12.2	12.0
Suburban Maryland-D.C.	746.8	750.3	747.2	(?)	(?)	(?)	52.1	50.0	49.8
Massachusetts	2,766.7	2,757.1	2,755.3	1.2	1.2	1.2	77.7	81.5	82.9
Boston	1,535.9	1,538.1	1,533.0	.4	.3	.3	38.7	40.9	41.9
Brockton	62.7	61.8	62.1	(?)	(?)	(?)	1.8	1.9	1.9
Fall River	48.6	47.4	48.1	(?)	(?)	(?)	1.3	1.2	1.2
Fitchburg-Leominster	36.0	35.5	35.6	(?)	(?)	(?)	1.1	.9	.9
Lawrence-Haverhill	149.7	147.5	147.6	(?)	(?)	(?)	5.3	5.1	5.2
Lowell	91.4	89.3	89.0	(?)	(?)	(?)	3.6	3.6	3.6
New Bedford	58.9	58.7	58.9	(?)	(?)	(?)	2.1	1.8	1.8
Pittsfield	38.3	39.4	39.5	.1	.1	.1	1.4	1.5	1.4
Springfield	211.8	208.6	207.7	.2	.2	.2	5.9	5.3	5.5
Worcester	181.0	181.0	180.1	.2	.2	.2	5.6	5.5	5.4
Michigan	3,919.6	3,931.7	3,933.7	8.8	8.8	6.8	143.7	149.1	149.6
Ann Arbor	170.4	172.1	168.1	(?)	(?)	(?)	4.0	4.3	4.3
Battle Creek	59.9	60.0	60.4	(?)	(?)	(?)	2.1	2.2	2.2
Benton Harbor	67.1	66.9	67.3	(?)	(?)	(?)	2.0	2.0	2.0
Detroit	1,879.7	1,885.4	1,896.9	.7	1.0	1.0	61.6	63.9	63.3
Flint	163.0	161.8	161.4	(?)	(?)	(?)	5.2	5.8	6.0
Grand Rapids	361.2	365.4	368.8	(?)	(?)	(?)	16.8	16.9	17.2
Jackson	53.6	53.8	54.0	(?)	(?)	(?)	1.7	1.7	1.7
Kalamazoo	112.6	113.1	113.5	(?)	(?)	(?)	4.4	4.4	4.5
Lansing-East Lansing	208.2	208.9	201.2	(?)	(?)	(?)	6.9	6.9	6.8
Muskegon	57.6	56.6	56.9	(?)	(?)	(?)	2.2	2.4	2.3
Saginaw-Bay City-Midland	166.2	164.6	165.7	(?)	(?)	(?)	8.2	9.1	9.1
Minnesota	2,195.8	2,234.4	2,238.0	7.0	8.4	7.1	90.1	88.8	90.1
Duluth	100.2	100.5	99.6	4.2	5.1	4.6	4.1	3.8	3.9
Minneapolis-St. Paul	1,405.3	1,425.9	1,427.5	(?)	(?)	(?)	53.3	51.8	52.2
Rochester	69.4	69.6	69.7	(?)	(?)	(?)	2.7	2.4	2.5
St. Cloud	83.0	86.0	85.8	(?)	(?)	(?)	4.4	4.4	4.4
Mississippi	958.5	969.0	979.7	5.1	4.9	5.0	37.5	38.1	39.3
Jackson	189.6	190.1	192.2	.5	.5	.4	7.3	7.7	7.8
Missouri	2,322.6	2,334.1	2,332.3	4.9	4.4	4.4	98.0	98.7	100.6
Kansas City	785.1	792.1	768.5	(?)	(?)	(?)	33.2	33.9	34.7
St. Louis	1,150.5	1,157.1	1,152.2	(?)	(?)	(?)	52.7	50.6	50.4
Springfield	124.6	127.0	127.1	(?)	(?)	(?)	5.0	5.4	5.3
Montana	322.7	325.5	327.8	6.0	5.6	5.7	15.8	15.7	16.2
Nebraska	744.9	744.6	747.8	1.6	1.6	1.6	30.0	31.7	31.6
Lincoln	124.0	124.1	125.9	(?)	(?)	(?)	4.9	5.2	5.2
Omaha	334.8	334.6	333.4	(?)	(?)	(?)	14.1	13.9	13.9
Nevada	645.5	660.6	664.6	13.1	12.6	12.8	41.0	47.5	47.7
Las Vegas	393.5	405.3	408.2	.3	.3	.3	26.0	33.6	33.7
Reno	145.7	148.2	148.5	.9	.9	.9	7.7	7.9	7.9
New Hampshire	468.8	487.9	491.4	.5	.5	.5	16.9	19.0	19.2
Manchester	75.4	75.9	76.8	(?)	(?)	(?)	3.1	3.4	3.4
Nashua	82.0	83.2	83.2	(?)	(?)	(?)	2.4	2.5	2.6
Portsmouth-Dover-Rochester	106.4	106.4	106.9	(?)	(?)	(?)	3.1	3.0	2.9
New Jersey	3,457.9	3,422.5	3,410.2	2.0	1.9	1.9	113.4	101.1	101.6
Atlantic City	179.9	183.2	182.7	(?)	(?)	(?)	5.5	5.4	5.5
Bergen-Passaic	595.2	587.1	587.7	(?)	(?)	(?)	19.1	17.3	17.4
Camden	421.1	421.9	421.1	(?)	(?)	(?)	18.4	16.6	16.3
Jersey City	226.0	221.2	221.9	(?)	(?)	(?)	4.1	3.6	3.7
Middlesex-Somerset-Hunterdon	526.9	523.6	519.8	.6	.6	.6	15.9	14.0	13.6
Monmouth-Ocean	330.2	330.5	327.5	(?)	(?)	(?)	14.1	12.1	12.1
Newark	875.7	869.2	863.0	.5	.5	.5	27.7	26.9	27.0
Trenton	190.4	185.9	184.2	(?)	(?)	(?)	4.0	3.7	3.5
Vineland-Millville-Bridgeton	56.7	55.3	55.1	.3	.3	.3	2.1	1.7	1.7

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Maine	94.2	89.9	93.7	22.1	21.1	21.4	137.1	134.1	135.3
Lewiston-Auburn	8.2	8.0	8.3	1.2	1.3	1.3	9.7	9.9	10.1
Portland	13.0	12.8	13.0	6.0	5.7	5.7	37.3	38.0	38.7
Maryland	184.1	178.9	179.9	98.6	97.3	97.2	511.4	506.8	506.5
Baltimore MSA	112.6	107.6	108.2	54.0	52.9	52.8	254.7	251.0	250.5
Baltimore City	39.2	37.8	38.0	21.8	21.2	21.1	74.0	71.0	70.7
Suburban Maryland-D.C.	32.8	33.5	33.3	30.9	31.1	30.9	187.5	187.8	187.6
Massachusetts	458.2	435.3	438.9	118.1	116.2	116.4	643.6	644.4	644.4
Boston	205.7	197.9	197.8	71.4	69.5	69.6	329.9	330.0	329.2
Brockton	8.4	7.8	8.0	4.0	4.1	4.1	20.4	19.6	19.6
Fall River	13.4	12.7	13.4	1.8	1.8	1.8	12.2	11.4	11.6
Fitchburg-Leominster	10.3	9.9	10.1	1.3	1.2	1.2	9.1	9.1	9.1
Lawrence-Haverhill	40.9	39.3	39.2	5.3	5.2	5.2	36.5	36.3	36.8
Lowell	28.2	25.9	25.9	4.6	4.4	4.3	19.4	19.5	19.4
New Bedford	14.2	14.4	14.8	2.2	2.1	2.1	15.1	14.5	14.5
Pittsfield	7.6	7.3	7.6	1.2	1.2	1.2	9.1	9.0	9.0
Springfield	42.3	40.1	40.0	7.6	7.2	7.1	48.5	48.1	48.1
Worcester	35.6	34.4	34.4	8.5	8.3	8.2	41.9	41.9	41.5
Michigan	905.0	884.3	890.4	156.3	156.8	156.6	941.2	946.6	949.7
Ann Arbor	35.3	35.1	34.0	4.3	4.0	4.0	30.5	30.6	30.5
Battle Creek	16.3	16.2	16.5	1.8	2.0	1.9	13.1	13.2	13.2
Benton Harbor	20.3	19.9	20.0	2.9	3.0	3.1	14.6	14.8	14.9
Detroit	421.3	416.8	428.5	87.3	88.6	88.1	453.9	454.7	456.6
Flint	47.1	44.9	44.5	4.8	4.6	4.5	40.3	39.5	39.7
Grand Rapids	100.9	100.0	101.7	13.3	13.6	13.7	95.4	96.2	97.2
Jackson	12.0	12.0	12.0	3.5	3.6	3.6	13.5	13.6	13.7
Kalamazoo	28.1	27.3	27.6	3.3	3.1	3.1	25.7	26.0	26.0
Lansing-East Lansing	29.9	28.1	22.2	6.5	6.6	6.6	47.1	46.7	47.4
Muskegon	15.1	14.2	14.5	2.3	2.2	2.2	14.0	13.7	13.8
Saginaw-Bay City-Midland	43.4	41.4	41.9	6.4	6.4	6.4	41.6	41.4	41.7
Minnesota	405.2	402.5	405.3	107.0	106.3	106.1	538.2	539.5	542.9
Duluth	8.6	8.5	8.4	6.2	5.9	5.9	26.5	25.8	25.9
Minneapolis-St. Paul	260.3	259.9	259.7	76.3	74.3	74.1	339.5	337.9	340.0
Rochester	12.4	12.2	12.2	2.2	2.2	2.2	13.8	13.9	14.0
St. Cloud	15.6	15.6	15.6	4.1	4.2	4.2	25.2	26.3	26.5
Mississippi	251.3	249.1	250.4	45.3	45.3	45.0	202.5	203.5	204.4
Jackson	22.2	21.2	21.2	13.2	13.1	13.5	45.0	46.2	45.7
Missouri	409.7	403.4	401.9	150.5	152.8	152.7	564.2	561.5	564.1
Kansas City	104.6	103.1	101.5	63.9	64.5	64.2	198.5	198.4	198.9
St. Louis	199.5	194.0	193.6	76.9	77.4	77.7	278.9	280.6	280.4
Springfield	19.9	20.1	20.1	7.5	7.8	7.9	36.3	36.7	36.8
Montana	23.3	23.3	23.4	20.2	20.1	20.2	88.8	90.6	91.2
Nebraska	100.6	101.3	103.2	47.1	47.1	46.9	189.2	187.8	188.1
Lincoln	14.9	14.7	14.9	7.3	7.1	7.1	26.9	26.7	26.9
Omaha	34.5	34.9	34.9	23.7	23.6	23.7	84.4	84.3	84.0
Nevada	26.5	27.4	27.5	33.6	33.6	33.7	131.7	133.2	134.0
Las Vegas	11.1	11.5	11.6	20.5	20.4	20.3	81.7	82.3	82.7
Reno	9.1	9.6	9.6	9.5	9.8	9.8	33.9	33.7	34.0
New Hampshire	97.9	94.9	97.0	16.9	16.6	16.6	129.0	127.2	127.8
Manchester	9.8	9.6	10.0	4.3	4.5	4.6	18.9	18.5	18.5
Nashua	28.3	28.1	28.3	2.8	3.3	3.3	20.3	20.3	20.5
Portsmouth-Dover-Rochester	19.5	18.3	19.0	3.1	3.1	3.2	29.3	29.9	29.9
New Jersey	525.8	504.2	506.6	224.8	224.2	222.0	813.5	806.8	804.6
Atlantic City	7.0	7.0	7.1	7.2	7.1	7.0	42.3	44.7	44.5
Bergen-Passaic	117.3	111.6	113.3	27.3	26.7	26.4	166.7	161.0	160.0
Camden	58.7	58.4	58.5	18.4	17.9	17.7	110.2	109.4	109.5
Jersey City	32.8	30.1	31.0	26.6	26.6	26.2	56.8	56.3	56.5
Middlesex-Somerset-Hunterdon	94.6	92.8	90.5	42.3	42.3	42.1	126.0	121.3	121.2
Monmouth-Ocean	21.2	20.0	19.8	14.9	15.5	15.3	89.8	91.1	90.9
Newark	140.4	139.6	140.4	75.7	75.9	75.0	171.2	166.6	165.0
Trenton	25.2	24.3	24.2	7.1	6.9	6.9	28.8	27.1	26.6
Vineland-Millville-Bridgeton	14.4	14.1	14.1	2.2	2.2	2.3	10.4	10.1	9.9

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Maine	24.7	24.6	24.8	139.6	137.7	138.3	84.4	82.8	82.5
Lewiston-Auburn	1.9	1.9	1.9	10.0	10.8	10.6	3.9	3.9	3.7
Portland	11.9	11.7	11.7	33.7	34.7	34.7	14.3	14.5	14.5
Maryland	130.0	130.2	130.1	640.8	645.9	643.1	395.0	398.7	393.3
Baltimore MSA	74.8	73.5	73.8	335.4	338.0	334.9	204.4	204.4	199.6
Baltimore City	39.4	38.6	38.4	144.1	145.1	144.1	94.5	91.9	91.1
Suburban Maryland-D.C.	46.3	46.3	46.1	243.3	246.8	246.2	153.9	154.8	153.3
Massachusetts	197.0	193.6	193.5	914.4	926.2	923.6	356.5	358.7	354.4
Boston	135.8	134.3	134.3	578.2	588.0	585.6	175.8	177.2	174.3
Brockton	2.7	2.6	2.6	14.9	15.2	15.3	10.5	10.6	10.6
Fall River	3.0	3.1	3.0	11.2	11.3	11.5	5.7	5.9	5.6
Fitchburg-Leominster	1.4	1.5	1.5	8.9	8.9	8.9	3.9	4.0	3.9
Lawrence-Haverhill	5.3	5.3	5.2	37.8	38.2	38.0	18.6	18.1	16.0
Lowell	2.6	2.7	2.7	21.3	21.6	21.6	11.7	11.6	11.5
New Bedford	2.1	2.1	2.1	14.1	14.5	14.4	9.1	9.3	9.2
Pittsfield	1.7	1.8	1.8	12.8	13.7	13.7	4.4	4.8	4.7
Springfield	14.4	13.8	13.7	80.4	61.6	61.8	32.5	32.3	31.5
Worcester	13.8	13.9	14.0	49.0	50.4	50.3	26.4	26.4	26.1
Michigan	190.9	191.4	191.3	983.9	1,014.8	1,017.1	589.7	579.7	572.2
Ann Arbor	5.3	5.3	5.3	40.1	40.8	40.7	51.0	52.1	49.4
Battle Creek	3.1	3.1	3.1	12.5	12.3	12.6	11.0	11.0	10.9
Benton Harbor	2.7	2.6	2.6	15.6	15.8	15.8	9.0	8.8	9.0
Detroit	108.8	107.4	107.3	524.7	537.2	537.9	221.2	215.8	214.1
Flint	5.9	6.0	6.0	38.9	41.2	41.5	20.9	19.7	19.3
Grand Rapids	16.7	17.2	17.4	86.0	88.9	89.5	32.1	32.5	32.2
Jackson	1.8	1.7	1.6	11.6	11.9	12.1	9.5	9.4	9.3
Kalamazoo	6.2	6.4	6.4	29.8	30.8	30.7	15.2	15.3	15.2
Lansing-East Lansing	12.5	12.8	12.8	44.3	46.8	46.7	61.0	59.1	58.7
Muskegon	1.8	1.8	1.8	13.0	13.6	13.4	9.1	8.7	8.9
Saginaw-Bay City-Midland	8.2	8.2	6.3	39.9	40.8	41.0	20.6	19.3	19.3
Minnesota	131.1	136.6	136.9	602.1	626.7	630.2	315.1	325.6	319.4
Duluth	3.6	3.6	3.7	27.1	27.4	27.3	19.9	20.4	19.9
Minneapolis-St. Paul	102.5	106.5	106.8	394.5	410.5	413.2	178.4	184.8	181.1
Rochester	1.8	1.9	1.9	30.1	30.6	30.6	6.4	6.4	6.3
St. Cloud	2.7	2.9	2.9	19.2	20.3	20.1	11.8	12.3	12.1
Mississippi	38.5	39.6	39.8	176.5	188.3	187.5	201.8	200.2	208.3
Jackson	14.3	14.7	14.7	48.5	46.1	48.8	38.8	38.8	40.1
Missouri	138.2	139.7	139.7	812.2	620.6	622.8	344.9	353.0	346.1
Kansas City	60.4	81.6	61.7	205.7	209.9	209.4	118.8	120.7	118.1
St. Louis	73.3	74.0	73.9	338.3	344.4	344.3	130.9	136.1	131.9
Springfield	5.6	5.9	6.0	36.7	36.8	37.3	13.6	14.3	13.7
Montana	14.7	14.8	14.8	85.0	88.4	89.0	66.9	67.0	67.3
Nebraska	49.5	49.3	49.3	185.9	185.1	185.1	141.0	140.9	142.0
Lincoln	8.7	8.6	8.5	29.5	29.1	29.4	31.8	32.7	33.9
Omaha	28.9	28.5	28.4	102.4	103.0	102.2	46.8	46.4	48.3
Nevada	29.4	31.3	31.4	288.5	291.8	292.7	81.7	83.2	84.8
Las Vegas	19.6	21.1	21.2	189.5	193.2	193.6	42.8	42.9	44.8
Reno	7.1	7.3	7.3	59.5	60.3	60.6	18.0	18.7	18.4
New Hampshire	29.7	29.7	29.6	133.3	135.4	136.5	62.6	64.8	64.2
Manchester	8.8	7.9	7.8	22.7	23.7	24.3	8.0	8.3	8.2
Nashua	3.2	3.3	3.3	18.7	19.2	18.9	6.3	6.5	6.3
Portsmouth-Dover-Rochester	8.6	8.6	8.8	24.0	24.4	24.3	20.8	20.9	20.8
New Jersey	228.9	230.9	230.8	988.9	999.0	995.5	580.6	554.4	547.2
Atlantic City	6.3	6.1	6.0	83.0	84.7	84.8	28.6	28.2	27.8
Bergen-Passaic	33.7	34.8	34.5	163.7	166.8	167.1	87.4	89.1	89.0
Camden	23.1	22.9	22.7	118.3	122.3	122.7	74.0	74.4	73.7
Jersey City	18.9	19.6	20.8	45.3	42.7	43.1	41.5	42.3	40.8
Middlesex-Somerset-Hunterdon	43.0	44.5	44.6	130.3	133.8	133.8	74.2	74.3	73.2
Monmouth-Ocean	18.8	18.8	18.9	106.8	108.7	107.4	64.8	64.3	63.1
Newark	68.2	67.6	66.8	257.3	259.3	257.4	134.7	132.8	131.1
Trenton	10.8	10.7	10.8	60.2	60.4	59.1	54.3	52.8	53.1
Vineland-Milville-Bridgeton	3.9	3.7	3.7	11.0	11.1	11.1	12.4	12.1	12.0

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
New Mexico	597.7	614.0	617.4	14.7	15.6	15.7	31.5	34.7	35.2
Albuquerque	252.8	258.9	258.2	(¹)	(¹)	(¹)	12.5	13.4	13.5
Las Cruces	42.6	41.6	41.8	(¹)	(¹)	(¹)	2.4	2.6	2.6
Santa Fe	65.2	67.3	67.4	(¹)	(¹)	(¹)	2.9	3.3	3.3
New York	7,723.9	7,687.8	7,673.7	5.4	5.4	5.3	258.8	253.4	256.1
Albany-Schenectady-Troy	425.8	424.2	426.4	.4	.5	.5	18.4	16.6	16.7
Binghamton	112.4	111.0	110.9	(¹)	(¹)	(¹)	5.1	5.0	5.0
Buffalo	449.0	446.6	446.7	(¹)	(¹)	(¹)	18.3	17.6	18.0
Elmira	39.2	39.7	39.7	(¹)	(¹)	(¹)	1.3	1.3	1.3
Glens Falls	50.9	51.2	51.2	(¹)	(¹)	(¹)	2.0	1.9	1.9
Nassau-Suffolk	1,039.0	1,036.0	1,032.1	(¹)	(¹)	(¹)	40.3	39.1	39.4
New York PMSA	3,771.5	3,730.1	3,723.0	(¹)	(¹)	(¹)	108.0	104.3	104.4
New York City	3,275.7	3,243.8	3,238.5	.4	.4	.4	86.2	83.8	83.8
Niagara Falls	80.6	81.4	81.3	(¹)	(¹)	(¹)	3.6	3.4	3.4
Orange County	107.0	106.4	106.5	(¹)	(¹)	(¹)	3.9	3.8	3.9
Poughkeepsie	105.6	98.3	98.3	(¹)	(¹)	(¹)	5.0	4.7	4.8
Rochester	481.5	480.3	479.3	.7	.7	.7	17.5	17.2	17.8
Rockland County	96.6	95.3	94.6	(¹)	(¹)	(¹)	3.5	3.4	3.4
Syracuse	305.6	303.3	302.3	(¹)	(¹)	(¹)	14.9	14.9	15.2
Utica-Rome	124.7	124.4	126.7	(¹)	(¹)	(¹)	4.1	3.9	3.9
Westchester County	380.3	372.4	371.0	(¹)	(¹)	(¹)	16.6	15.7	15.8
North Carolina	3,128.3	3,196.2	3,203.5	3.5	3.5	3.5	149.5	153.3	153.4
Asheville	91.2	93.8	92.9	(¹)	(¹)	(¹)	4.3	4.4	4.4
Charlotte-Gastonia-Rock Hill	617.8	629.2	632.6	(¹)	(¹)	(¹)	32.4	32.7	32.5
Greensboro-Winston-Salem-High Point	493.7	503.7	503.4	(¹)	(¹)	(¹)	21.9	22.6	22.7
Raleigh-Durham	452.1	463.2	464.9	(¹)	(¹)	(¹)	20.3	20.6	20.4
North Dakota	278.5	283.7	282.9	4.0	4.1	4.1	13.6	13.8	14.1
Bismarck	43.2	43.3	43.4	(¹)	(¹)	(¹)	2.5	2.6	2.6
Fargo-Moorhead	81.3	83.1	82.7	(¹)	(¹)	(¹)	5.2	5.3	5.5
Grand Forks	31.8	32.6	32.3	(¹)	(¹)	(¹)	1.7	1.9	1.9
Ohio	4,846.4	4,857.6	4,864.8	15.0	14.1	14.1	202.0	200.8	202.6
Akron	263.7	289.4	290.6	.5	.5	.5	11.0	10.9	11.1
Canton	167.1	168.3	168.9	.7	.7	.7	7.5	7.5	7.6
Cincinnati	748.3	759.4	760.2	.4	.4	.4	37.3	38.2	38.6
Cleveland	919.9	922.4	920.4	.7	.7	.7	34.6	34.9	35.1
Columbus	728.0	730.7	732.8	.7	.7	.7	30.5	30.2	30.7
Dayton-Springfield	439.7	442.2	443.1	.5	.6	.6	15.6	15.8	16.0
Toledo	281.6	279.9	284.4	.2	.2	.2	11.9	11.9	11.9
Youngstown-Warren	196.0	195.6	195.5	.4	.4	.4	8.4	8.2	8.4
Oklahoma	1,200.3	1,219.9	1,214.9	36.0	35.9	35.8	39.4	40.6	40.4
Enid	21.0	22.7	22.6	.9	.9	.9	.7	.7	.7
Lawton	36.8	35.8	35.4	.1	.1	.1	1.1	1.1	1.1
Oklahoma City	428.0	429.4	430.1	8.6	8.5	8.6	14.3	14.6	14.5
Tulsa	322.5	325.6	325.4	10.1	9.9	9.9	11.7	12.1	11.9
Oregon	1,277.5	1,290.3	1,299.7	1.7	1.5	1.5	54.4	54.8	56.7
Eugene-Springfield	115.8	116.2	116.9	.2	.2	.2	4.9	4.9	5.1
Medford	56.4	56.1	57.0	.1	.1	.1	2.1	2.3	2.3
Portland	649.5	656.5	659.6	.8	.5	.5	28.4	28.1	28.5
Salem	114.5	112.8	116.1	.1	.1	.1	5.3	5.5	5.7
Pennsylvania	5,062.2	5,075.0	5,065.2	23.9	20.8	20.8	213.8	209.2	210.4
Allentown-Bethlehem	279.9	281.1	281.6	.5	.5	.4	11.0	11.1	11.3
Altoona	54.4	55.6	55.4	(¹)	(¹)	(¹)	2.5	2.6	2.7
Beaver County	51.5	51.1	50.8	(¹)	(¹)	(¹)	2.7	2.4	2.4
Erie	121.4	124.3	124.0	(¹)	(¹)	(¹)	5.0	5.5	5.6
Harrisburg-Lebanon-Carlisle	314.7	318.6	318.9	(¹)	(¹)	(¹)	13.6	14.5	14.1
Johnstown	82.7	83.7	83.9	(¹)	(¹)	(¹)	6.6	6.0	6.0
Lancaster	192.2	196.1	194.2	.4	.4	.4	11.2	11.4	11.2
Philadelphia PMSA	2,080.7	2,074.1	2,059.3	(¹)	(¹)	(¹)	78.1	74.4	74.9
Philadelphia City	691.3	673.5	668.9	(¹)	(¹)	(¹)	11.1	10.7	10.8
Pittsburgh	911.2	912.6	912.2	4.2	3.7	3.8	46.8	45.0	46.5

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
New Mexico	41.2	40.6	41.4	28.0	27.5	27.8	144.9	147.8	149.0
Albuquerque	20.2	19.2	19.4	11.9	11.6	11.6	61.0	62.3	62.4
Las Cruces	3.0	2.4	2.6	1.4	1.3	1.4	9.6	9.6	9.7
Santa Fe	1.9	2.1	2.0	1.1	1.0	1.0	13.7	13.9	14.2
New York	1,019.6	972.4	975.7	397.1	388.5	388.1	1,566.1	1,556.5	1,554.5
Albany-Schenectady-Troy	45.2	45.2	45.2	16.3	16.0	16.1	85.2	86.3	88.2
Binghamton	29.9	28.4	28.3	4.4	4.5	4.5	24.2	24.4	24.4
Buffalo	70.0	69.0	69.0	20.6	20.8	20.6	112.5	111.3	111.6
Elmira	8.3	8.5	8.4	1.3	1.4	1.4	9.7	10.1	10.1
Glens Falls	9.6	9.5	9.6	1.7	1.7	1.7	12.2	12.2	12.2
Nassau-Suffolk	124.9	120.0	121.0	44.8	43.9	43.9	272.3	270.4	271.4
New York PMSA	362.6	347.0	351.1	228.9	223.1	222.8	646.0	637.9	634.4
New York City	297.3	285.4	289.8	203.9	198.3	198.1	539.1	533.4	530.1
Niagara Falls	20.4	19.7	19.7	4.5	4.4	4.4	19.7	20.1	20.2
Orange County	13.1	12.7	12.8	6.4	6.1	6.2	27.7	27.8	27.8
Poughkeepsie	22.1	15.6	15.5	4.0	3.8	3.6	20.2	19.9	19.9
Rochester	129.5	124.6	123.7	15.4	14.9	14.9	102.1	103.4	103.6
Rockland County	14.1	13.0	13.0	5.2	5.3	5.2	20.7	20.6	20.7
Syracuse	48.2	46.6	46.4	18.9	18.7	18.7	72.1	71.5	72.3
Utica-Rome	21.1	20.1	20.7	4.2	4.3	4.3	26.3	26.6	26.5
Westchester County	49.1	48.4	46.2	19.1	18.8	18.7	82.1	79.7	79.5
North Carolina	840.4	844.6	849.5	153.9	155.2	155.5	722.0	731.9	733.6
Asheville	20.3	20.8	20.7	4.5	4.7	4.6	21.7	22.2	22.1
Charlotte-Gastonia-Rock Hill	144.1	145.8	146.5	50.4	50.8	50.9	151.9	153.2	153.4
Greensboro-Winston-Salem-High Point	143.9	146.1	145.9	27.0	27.4	27.1	112.1	112.6	112.8
Raleigh-Durham	65.7	67.6	68.1	22.5	21.7	21.5	92.6	94.4	94.7
North Dakota	18.3	19.5	19.4	17.5	17.8	17.8	74.3	74.9	75.1
Bismarck	2.4	2.4	2.4	3.0	3.3	3.3	11.0	11.0	11.2
Fargo-Moorhead	6.0	6.0	5.9	4.7	4.7	4.8	24.0	24.9	24.8
Grand Forks	1.6	1.8	1.6	1.7	1.7	1.7	9.5	9.3	9.4
Ohio	1,051.2	1,038.0	1,042.2	214.1	210.3	210.6	1,172.4	1,171.3	1,176.0
Akron	61.7	62.4	63.2	13.3	13.3	13.5	70.1	70.0	70.1
Canton	43.1	43.3	43.2	5.7	5.7	5.7	42.2	41.9	42.5
Cincinnati	141.9	139.8	139.3	40.5	40.1	40.3	191.1	193.9	194.7
Cleveland	186.4	182.8	181.7	39.1	38.1	38.2	219.0	219.0	219.2
Columbus	100.9	99.8	100.5	31.7	31.1	31.2	185.1	185.6	186.5
Dayton-Springfield	95.3	93.5	93.6	17.8	18.1	18.0	102.2	102.5	103.1
Toledo	55.0	50.4	54.4	14.1	14.2	14.3	70.1	71.1	71.8
Youngstown-Warren	45.7	44.9	44.7	7.1	6.8	6.8	52.9	52.7	52.8
Oklahoma	164.5	164.7	164.3	69.8	69.3	68.7	286.7	292.7	292.6
Enid	1.5	1.5	1.5	2.1	2.2	2.2	6.1	6.3	6.3
Lawton	3.4	3.4	3.4	1.9	2.0	2.0	8.6	8.4	8.4
Oklahoma City	47.4	47.9	47.9	21.2	21.3	21.5	105.2	105.7	106.0
Tulsa	53.2	53.2	53.0	26.1	25.8	25.5	76.8	77.7	77.6
Oregon	217.1	211.9	216.8	65.2	64.5	64.7	327.6	326.6	330.1
Eugene-Springfield	16.5	16.2	16.8	4.5	4.4	4.4	30.3	30.1	30.2
Medford	6.7	6.5	6.8	2.7	2.9	2.9	17.3	16.2	16.7
Portland	103.4	102.7	104.1	36.8	37.9	38.0	168.7	170.9	171.0
Salem	19.5	16.2	16.6	3.3	3.5	3.6	25.0	25.5	25.6
Pennsylvania	955.3	927.3	930.5	257.3	259.2	259.1	1,160.0	1,187.4	1,169.6
Allentown-Bethlehem	70.1	68.2	69.0	13.7	13.6	13.7	61.2	61.2	61.3
Altoona	9.8	9.6	9.8	4.7	5.1	4.9	14.2	14.4	14.1
Beaver County	9.5	9.8	9.8	4.7	4.7	4.7	11.7	11.4	11.4
Erie	34.6	34.4	35.1	4.2	4.3	4.2	26.4	26.9	26.8
Harrisburg-Lebanon-Carlisle	47.3	47.3	47.5	19.5	19.8	19.9	69.2	69.8	70.1
Johnstown	13.4	12.1	12.3	4.7	5.1	5.1	18.8	20.3	20.4
Lancaster	55.8	55.9	55.4	7.4	7.5	7.4	49.4	50.0	49.6
Philadelphia PMSA	314.2	305.7	306.1	96.7	97.3	97.1	463.3	459.7	457.8
Philadelphia City	69.6	65.0	65.6	37.3	36.4	36.8	118.9	114.1	113.3
Pittsburgh	110.9	109.1	108.6	55.2	54.8	54.9	226.2	226.6	227.2

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	Finance, insurance, and real estate			Services			Government		
	Aug. 1992	July 1993	Aug. 1993 ^p	Aug. 1992	July 1993	Aug. 1993 ^p	Aug. 1992	July 1993	Aug. 1993 ^p
New Mexico	27.1	27.5	27.5	162.6	168.6	168.9	147.7	151.7	151.9
Albuquerque	14.4	14.9	14.9	82.7	85.3	85.4	50.1	52.2	51.0
Las Cruces	1.7	1.7	1.7	8.4	8.2	8.3	16.1	15.8	15.5
Santa Fe	2.7	2.9	2.9	18.6	19.2	19.2	24.3	24.9	24.8
New York	742.8	737.5	735.8	2,340.2	2,379.8	2,380.7	1,393.8	1,394.4	1,377.4
Albany-Schenectady-Troy	27.7	27.6	27.6	125.1	123.2	124.5	107.4	108.8	107.6
Binghamton	4.1	4.1	4.1	26.4	28.2	26.2	18.3	18.4	18.3
Buffalo	27.2	26.9	26.8	126.4	129.3	129.8	74.0	71.8	70.8
Elmira	1.4	1.4	1.4	10.6	10.5	10.6	6.6	6.5	6.5
Glens Falls	1.7	1.7	1.7	15.3	15.5	15.6	8.5	8.6	8.5
Nassau-Suffolk	81.1	79.6	79.7	313.8	319.8	317.6	181.8	183.5	159.1
New York PMSA	514.3	508.7	507.2	1,236.5	1,246.5	1,243.8	675.1	662.6	659.3
New York City	479.1	473.9	472.3	1,075.4	1,086.8	1,084.7	594.2	581.9	579.3
Niagara Falls	2.1	2.2	2.2	18.1	18.3	18.3	12.2	13.4	13.1
Orange County	8.0	6.2	6.2	26.5	26.4	26.3	23.4	23.4	23.4
Poughkeepsie	4.7	4.6	4.6	28.6	28.8	29.0	21.1	21.0	20.7
Rochester	23.3	22.8	23.0	128.8	132.1	132.1	64.0	64.6	63.5
Rockland County	5.0	4.9	4.9	28.5	28.4	28.2	19.5	19.8	19.3
Syracuse	19.4	18.5	18.6	80.5	81.3	81.5	51.6	51.7	49.8
Utica-Rome	8.2	8.4	8.5	30.6	30.8	32.8	30.2	30.3	30.1
Westchester County	29.3	29.1	29.1	128.7	125.6	124.8	57.5	57.2	56.8
North Carolina	136.7	140.8	140.8	650.2	689.8	689.0	472.1	477.1	478.2
Asheville	2.6	2.7	2.7	25.7	26.5	25.9	12.1	12.7	12.5
Charlotte-Gastonia-Rock Hill	39.2	39.8	39.6	133.1	139.0	139.4	66.7	68.3	70.3
Greensboro-Winston-Salem-High Point	25.8	26.3	26.4	113.1	118.4	117.6	49.9	50.1	50.9
Raleigh-Durham	23.6	23.8	23.6	130.4	138.7	137.8	97.0	96.4	98.8
North Dakota	13.1	13.5	13.5	74.7	76.1	76.2	63.0	64.0	62.7
Bismarck	1.8	1.9	1.9	13.2	13.0	13.0	9.3	9.1	9.0
Fargo-Moorhead	5.0	5.1	5.2	22.9	23.5	23.4	13.5	13.6	13.1
Grand Forks	1.2	1.3	1.3	7.8	8.1	8.1	8.3	8.5	8.3
Ohio	260.6	260.9	261.2	1,251.9	1,278.6	1,280.2	679.1	683.6	677.9
Akron	11.8	11.9	11.9	77.1	81.7	81.9	38.2	38.7	38.4
Canton	6.8	8.9	6.9	43.1	44.0	44.1	18.0	18.3	18.2
Cincinnati	44.4	43.9	44.0	203.3	211.7	212.2	89.4	91.4	90.7
Cleveland	61.4	61.5	61.8	264.0	271.4	272.0	113.5	114.0	111.9
Columbus	60.2	60.7	60.5	192.4	194.9	194.5	126.3	127.7	128.2
Dayton-Springfield	17.6	17.8	17.5	119.0	124.3	124.4	71.8	69.8	69.9
Toledo	11.5	11.1	11.1	80.4	82.2	82.3	38.5	38.8	38.4
Youngstown-Warren	9.3	9.3	9.3	50.5	51.2	51.0	21.7	22.1	22.1
Oklahoma	81.3	61.0	61.0	288.0	299.7	297.5	254.6	256.0	254.6
Enid	1.0	1.1	1.1	5.5	5.8	5.7	3.2	4.2	4.2
Lawton	1.8	1.8	1.8	8.0	8.2	8.0	11.9	10.8	10.6
Oklahoma City	25.6	25.6	25.7	110.3	113.8	113.2	95.4	92.0	92.7
Tulsa	17.6	17.7	17.8	88.6	89.3	89.3	38.4	40.1	40.4
Oregon	87.8	90.6	90.9	312.2	323.9	325.2	211.5	214.7	213.8
Eugene-Springfield	6.3	6.5	6.6	29.8	30.4	30.9	21.3	21.5	20.7
Medford	2.7	2.8	2.8	14.1	14.4	14.6	8.7	8.9	9.0
Portland	56.8	57.8	58.1	170.2	173.8	175.5	82.6	84.8	83.9
Salem	6.1	6.3	6.3	25.2	25.4	25.7	30.0	30.3	30.5
Pennsylvania	303.3	305.1	305.0	1,488.9	1,518.3	1,513.5	659.7	667.7	656.3
Allentown-Bethlehem	14.6	14.8	14.7	78.8	81.2	80.7	30.2	30.5	30.5
Altoona	2.3	2.4	2.4	13.8	14.3	14.4	7.1	7.2	7.3
Beaver County	1.7	1.8	1.7	13.7	13.6	13.7	7.5	7.6	7.3
Erie	5.7	5.8	5.9	32.8	34.1	33.9	12.7	13.3	12.5
Harrisburg-Lebanon-Carlisle	22.2	22.5	22.5	78.4	77.1	77.3	66.5	67.8	67.5
Johnstown	4.3	4.4	4.4	22.5	23.5	23.3	12.4	12.3	12.4
Lancaster	9.2	9.6	9.8	43.5	45.4	45.2	15.3	15.9	15.4
Philadelphia PMSA	158.7	158.5	158.6	678.0	689.2	685.5	291.7	290.3	279.3
Philadelphia City	60.0	57.9	57.8	257.3	254.8	253.4	137.1	132.6	129.2
Pittsburgh	55.7	55.8	55.9	318.7	320.8	319.8	93.5	96.8	95.5

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	Total			Mining			Construction		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Pennsylvania—Continued									
Reading	150.7	150.2	150.2	(¹)	(¹)	(¹)	7.1	6.9	6.9
Scranton—Wilkes—Barre	303.5	304.6	303.7	0.6	0.6	0.6	12.6	12.1	12.0
Sharon	44.3	41.3	40.8	(¹)	(¹)	(¹)	1.5	1.2	1.1
State College	58.9	59.2	59.0	(¹)	(¹)	(¹)	2.7	2.7	2.8
Williamsport	51.1	50.1	50.2	(¹)	(¹)	(¹)	2.3	2.3	2.3
York	180.3	185.6	185.6	.5	.5	.5	9.3	10.0	10.0
Rhode Island	421.2	417.1	421.1	.2	.3	.3	13.5	14.5	14.4
Pawtucket—Woonsocket—Attleboro	120.4	119.5	121.7	.1	.2	.2	4.0	5.8	5.7
Providence	295.3	295.0	296.6	.1	.1	.1	9.5	10.5	10.2
South Carolina	1,527.3	1,549.2	1,553.2	1.8	1.9	1.9	82.9	82.7	82.5
Charleston	203.9	203.7	204.0	(¹)	(¹)	(¹)	12.3	12.8	13.0
Columbia	239.8	242.2	243.4	(¹)	(¹)	(¹)	12.7	12.6	12.6
Greenville—Spartanburg	328.6	330.2	331.5	(¹)	(¹)	(¹)	19.9	20.9	21.0
South Dakota	310.6	317.3	318.6	2.8	2.7	2.7	15.0	15.2	15.2
Rapid City	42.5	43.5	43.6	(¹)	(¹)	(¹)	2.9	2.9	2.9
Sioux Falls	82.1	83.9	83.9	(¹)	(¹)	(¹)	4.9	5.1	5.0
Tennessee	2,242.5	2,264.3	2,279.4	5.1	4.7	4.4	89.2	92.7	93.9
Chattanooga	204.2	207.2	207.7	.6	.6	.6	6.5	6.4	6.4
Johnson City—Kingsport—Bristol	176.6	173.2	173.8	(¹)	(¹)	(¹)	8.2	8.0	8.1
Knoxville	287.1	292.0	291.8	1.2	1.2	.9	13.1	15.2	15.1
Memphis	480.4	488.8	488.7	(¹)	(¹)	(¹)	17.8	18.1	18.3
Nashville	515.5	528.3	530.4	(¹)	(¹)	(¹)	20.4	20.9	21.2
Texas	7,283.2	7,400.2	7,404.5	169.0	168.5	168.6	352.6	357.5	357.7
Abilene	48.7	49.7	49.3	1.3	1.4	1.3	1.7	1.8	1.8
Amarillo	79.9	81.6	81.5	.8	.8	.8	3.1	3.4	3.6
Austin	399.6	412.1	412.9	.8	.8	.8	14.7	16.2	16.4
Beaumont—Port Arthur	150.3	152.1	152.2	1.1	1.1	1.1	16.5	14.4	14.3
Brazoria	68.0	67.5	67.6	1.2	1.2	1.2	8.6	7.6	7.8
Brownsville—Harlingen	82.3	83.9	83.9	(¹)	(¹)	(¹)	2.4	2.6	2.6
Bryan—College Station	55.4	58.2	58.0	.7	.7	.7	2.1	2.0	2.0
Corpus Christi	138.5	137.4	137.1	3.0	2.8	2.8	11.3	11.4	11.4
Dallas	1,395.1	1,420.8	1,422.8	17.3	16.8	16.8	49.5	53.8	53.9
El Paso	218.5	222.9	222.8	(¹)	(¹)	(¹)	8.4	8.5	8.5
Ft. Worth—Arlington	597.0	601.6	608.0	4.4	4.4	4.4	21.5	21.6	21.7
Galveston—Texas City	81.6	84.6	84.5	.9	.8	.8	5.4	5.0	5.1
Houston	1,627.2	1,635.9	1,633.2	67.8	67.0	66.3	111.1	106.2	106.4
Killeen—Temple	78.2	82.0	82.2	(¹)	(¹)	(¹)	2.9	3.4	3.3
Laredo	50.1	51.9	52.2	1.9	2.0	2.0	1.7	1.7	1.7
Longview—Marshall	70.7	70.5	70.5	3.4	3.3	3.3	3.8	2.8	2.8
Lubbock	97.4	98.2	98.6	.2	.2	.2	3.3	3.7	3.8
McAllen—Edinburg—Mission	103.9	108.0	108.9	.8	.9	.9	4.3	4.5	4.6
Midland	45.8	45.3	45.0	9.0	9.0	8.9	1.5	1.6	1.6
Odessa	43.6	43.6	44.0	4.7	4.6	4.6	2.8	2.6	2.6
San Angelo	37.9	38.7	38.4	.6	.6	.6	1.3	1.5	1.5
San Antonio	544.6	562.2	561.9	1.6	1.5	1.5	24.1	25.2	25.0
Sherman—Denison	36.2	36.3	36.5	(¹)	(¹)	(¹)	1.6	1.5	1.5
Texarkana	46.5	47.3	47.1	.1	.1	.1	1.5	2.0	2.1
Tyler	64.9	65.4	65.1	1.5	1.5	1.5	2.2	2.3	2.3
Victoria	31.2	32.8	32.7	1.3	1.6	1.7	2.2	2.5	2.5
Waco	81.8	83.4	83.8	(¹)	(¹)	(¹)	3.4	3.6	3.6
Wichita Falls	49.6	49.6	49.5	1.4	1.4	1.4	1.5	1.7	1.7

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Pennsylvania-Continued									
Reading	44.0	41.9	42.3	5.9	6.1	6.1	34.5	34.6	34.3
Scranton-Wilkes-Barre	65.4	63.2	63.6	16.2	16.3	16.2	73.6	74.2	74.2
Sharon	12.0	9.7	9.8	1.9	1.9	1.8	10.8	10.7	10.7
State College	8.7	8.8	8.6	1.7	1.8	1.8	12.0	11.7	11.8
Williamsport	14.7	14.0	14.1	1.9	1.8	1.7	11.6	11.4	11.5
York	54.8	55.1	54.6	8.9	8.9	8.9	46.4	47.2	47.2
Rhode Island	90.4	84.1	88.7	14.0	14.3	14.4	92.4	92.6	92.6
Pawtucket-Woonsocket-Attleboro	42.4	38.7	41.1	3.4	3.4	3.5	30.0	29.9	30.0
Providence	56.8	52.6	55.1	10.3	10.6	10.6	61.6	62.3	62.0
South Carolina	370.8	365.1	366.2	65.3	63.9	64.3	352.1	364.6	364.9
Charleston	20.3	20.1	20.2	10.6	11.0	11.0	50.3	50.6	50.5
Columbia	25.9	26.3	26.4	10.9	11.1	11.1	54.5	55.9	56.8
Greenville-Spartanburg	95.9	94.5	94.8	14.1	14.0	14.1	79.0	78.5	78.7
South Dakota	37.1	40.2	40.4	14.6	14.8	14.9	82.5	83.1	83.5
Rapid City	4.4	4.6	4.6	1.8	2.0	2.0	12.8	13.1	13.2
Sioux Falls	10.2	10.4	10.5	5.4	5.5	5.5	22.7	22.9	22.9
Tennessee	515.6	515.0	517.9	120.6	122.9	123.9	524.7	531.6	534.5
Chattanooga	44.2	45.1	45.4	7.6	7.4	7.4	48.5	48.7	48.8
Johnson City-Kingsport-Bristol	54.7	53.4	53.7	6.2	6.3	6.4	40.7	40.5	40.5
Knoxville	50.8	50.9	51.3	10.3	10.2	10.2	75.1	74.5	74.3
Memphis	60.4	61.2	60.7	47.6	49.1	49.4	127.1	128.5	128.6
Nashville	90.8	91.3	91.0	30.8	31.3	31.4	127.5	129.1	129.4
Texas	975.2	985.8	985.9	439.8	441.7	443.0	1,764.8	1,790.0	1,797.4
Abilene	4.4	4.0	3.9	2.7	2.7	2.7	12.7	13.0	12.9
Amarillo	8.9	9.1	8.9	5.6	5.6	5.6	22.3	22.1	21.9
Austin	52.9	55.2	55.4	13.5	13.7	13.8	83.8	86.3	87.0
Beaumont-Port Arthur	25.9	25.7	25.8	9.4	9.5	9.5	34.0	35.0	35.2
Brazoria	17.7	17.8	17.6	2.6	2.6	2.5	13.0	13.2	13.4
Brownsville-Harlingen	12.1	12.9	12.9	3.9	3.8	3.8	22.5	22.7	22.6
Bryan-College Station	3.9	4.1	4.0	1.3	1.3	1.3	12.3	13.2	13.4
Corpus Christi	13.3	13.5	13.5	6.9	6.7	6.6	33.0	32.8	32.8
Dallas	209.7	210.2	209.7	86.6	88.4	88.7	355.6	362.0	362.4
El Paso	44.3	45.9	46.5	11.2	11.3	11.3	54.0	54.6	54.1
Ft. Worth-Arlington	100.4	100.5	100.7	63.0	61.6	61.5	151.2	150.1	151.4
Galveston-Texas City	8.6	8.5	8.5	4.8	4.9	4.9	17.4	18.1	18.1
Houston	176.6	174.8	175.1	111.9	110.8	110.7	384.7	386.6	386.1
Killeen-Temple	8.6	9.2	9.2	2.7	2.6	2.6	17.9	18.8	18.8
Laredo	2.0	1.9	2.0	7.7	8.0	8.1	15.5	16.4	16.5
Longview-Marshall	16.1	15.7	15.7	3.5	3.4	3.4	17.2	18.2	18.1
Lubbock	7.2	7.5	7.5	5.3	5.6	5.7	27.1	26.7	27.1
McAllen-Edinburg-Mission	12.1	12.6	12.6	3.4	3.7	3.6	32.3	33.6	34.0
Midland	2.2	2.1	2.1	2.5	2.4	2.4	10.9	10.7	10.7
Odessa	4.3	4.4	4.4	2.1	2.1	2.1	12.4	12.5	12.8
San Angelo	5.3	5.1	4.8	2.8	2.6	2.6	9.1	9.2	9.1
San Antonio	45.9	46.3	46.5	24.4	25.8	25.8	136.8	141.9	140.7
Sherman-Denison	9.6	10.0	10.0	1.6	1.5	1.5	8.2	8.0	8.1
Texarkana	6.1	5.9	5.7	2.1	2.1	2.0	11.2	11.7	11.6
Tyler	11.6	11.6	11.4	3.0	2.8	2.8	16.7	16.8	16.7
Victoria	3.0	3.2	3.1	1.5	1.5	1.4	8.4	8.5	8.4
Waco	14.7	15.2	15.5	3.3	3.3	3.4	19.2	19.8	19.7
Wichita Falls	7.7	7.7	7.7	2.7	2.6	2.6	11.9	11.8	11.8

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	Finance, insurance, and real estate			Services			Government		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Pennsylvania—Continued									
Reading	9.1	9.2	9.2	34.6	35.2	35.1	15.5	16.3	16.3
Scranton—Wilkes-Barre	13.6	13.5	13.4	81.2	84.2	83.8	40.3	40.5	39.9
Sharon	1.5	1.6	1.6	11.9	11.7	11.4	4.7	4.5	4.4
State College	1.9	1.9	1.8	11.8	11.7	11.7	20.1	20.6	20.5
Williamsport	2.3	2.4	2.4	12.2	12.1	12.2	6.1	6.1	6.0
York	5.7	5.9	5.9	37.2	40.3	40.8	17.5	17.7	17.7
Rhode Island									
Pawtucket—Woonsocket—Attleboro	25.5	24.7	24.6	128.4	129.4	129.0	56.8	57.2	57.1
Providence	3.5	2.8	2.7	27.3	28.7	28.7	9.7	10.0	9.8
	20.9	20.9	20.8	93.7	94.8	94.8	42.4	43.2	43.2
South Carolina									
Charleston	65.7	66.5	66.4	315.0	328.2	328.3	273.7	276.3	278.7
Columbia	8.0	8.2	8.2	49.3	49.8	49.5	53.1	51.2	51.6
Greenville—Spartanburg	18.5	17.9	17.8	52.4	53.6	53.5	64.9	64.8	65.2
	12.6	13.4	13.4	67.9	70.4	70.4	39.2	38.5	39.1
South Dakota									
Rapid City	17.2	18.1	18.2	81.2	82.2	82.5	60.2	61.0	61.2
Sioux Falls	1.5	1.5	1.6	12.3	12.3	12.3	6.8	7.1	7.0
	8.6	8.8	8.8	23.0	23.4	23.5	7.3	7.8	7.7
Tennessee									
Chattanooga	101.7	101.8	101.6	544.0	558.1	559.5	341.6	337.5	343.7
Johnson City—Kingsport—Bristol	13.4	13.5	13.6	49.7	51.1	51.3	33.7	34.4	34.2
Knoxville	5.5	5.7	5.4	37.8	35.7	35.7	23.5	23.6	24.0
Memphis	10.2	10.5	10.4	75.6	77.2	77.3	50.8	52.3	52.3
Nashville	25.2	25.7	25.8	129.0	129.5	129.6	73.3	76.7	76.3
	30.7	30.5	30.4	153.3	161.8	161.8	62.0	63.4	65.2
Texas									
Abilene	421.9	432.4	432.7	1,865.9	1,917.7	1,911.3	1,294.0	1,306.6	1,307.9
Amarillo	1.9	1.9	1.9	15.2	15.5	15.4	8.8	9.4	9.4
Austin	4.0	4.2	4.1	20.2	21.5	21.5	15.0	14.9	15.1
Beaumont—Port Arthur	23.9	24.8	24.5	108.8	112.7	112.4	101.2	102.6	102.6
Brazoria	4.7	4.8	4.8	38.0	39.5	39.5	20.7	22.1	22.0
Brownsville	1.8	1.8	1.8	11.4	11.4	11.5	11.7	11.9	11.8
Brownsville—Harlingen	3.4	3.4	3.4	20.0	20.0	19.6	18.0	18.5	19.0
Bryan—College Station	2.0	2.3	2.3	11.2	11.5	11.6	21.9	23.1	22.7
Corpus Christi	6.2	6.1	6.1	34.8	35.2	35.1	30.0	28.9	28.8
Dallas	122.5	121.9	121.2	392.2	403.3	405.0	161.7	164.6	165.1
El Paso	8.3	8.3	8.3	47.3	47.8	47.8	45.0	46.5	46.3
Ft. Worth—Arlington	28.4	27.8	27.8	151.7	158.3	158.0	76.4	77.3	82.5
Galveston—Texas City	5.7	5.8	5.8	15.3	17.5	17.6	23.5	24.0	23.7
Houston	97.7	97.7	97.9	466.8	472.5	471.0	210.6	220.3	219.7
Killeen—Temple	3.4	3.6	3.7	19.8	20.7	20.7	22.9	23.7	23.9
Laredo	1.9	2.0	2.0	8.6	8.9	8.9	10.8	11.0	11.0
Longview—Marshall	2.5	2.6	2.6	15.4	15.6	15.6	8.8	8.9	9.0
Lubbock	4.7	4.3	4.3	26.7	27.0	26.7	22.9	23.2	23.3
McAllen—Edinburg—Mission	3.8	4.0	4.0	19.0	19.5	19.5	28.2	29.2	29.7
Midland	2.4	2.3	2.3	10.2	10.2	10.0	7.1	7.0	7.0
Odessa	1.3	1.3	1.3	8.4	8.6	8.7	7.6	7.5	7.5
San Angelo	1.6	1.7	1.7	10.0	10.7	10.8	7.2	7.3	7.3
San Antonio	38.8	39.5	39.6	157.6	164.8	165.1	115.4	117.2	117.7
Sherman—Denison	2.0	2.0	2.0	8.9	8.9	9.0	4.3	4.4	4.4
Texarkana	1.8	1.8	1.8	12.4	12.5	12.5	11.3	11.2	11.3
Tyler	3.0	2.9	2.9	17.5	17.5	17.5	9.4	10.0	10.0
Victoria	1.5	1.5	1.5	7.9	8.0	8.0	5.4	6.0	6.1
Waco	5.1	5.3	5.3	22.5	22.6	22.6	13.6	13.6	13.7
Wichita Falls	2.2	2.2	2.2	12.5	12.5	12.5	9.7	9.7	9.6

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	Total			Mining			Construction		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Utah	769.0	800.4	808.1	8.6	8.9	8.8	38.6	42.2	43.7
Provo-Orem	100.6	104.5	106.4	(¹)	(¹)	(¹)	5.7	5.9	6.1
Salt Lake City-Ogden	523.9	546.7	551.0	3.1	3.0	3.1	25.1	28.0	29.0
Vermont	247.5	247.8	247.7	.6	.6	.6	13.2	13.2	13.4
Barre-Montpelier	33.0	32.3	32.6	(¹)	(¹)	(¹)	1.6	1.5	1.5
Burlington	75.9	75.6	75.1	(¹)	(¹)	(¹)	4.0	3.9	3.9
Virginia	2,833.8	2,856.6	2,851.8	13.7	13.4	12.6	152.0	153.3	154.9
Bristol	33.6	33.2	33.1	(¹)	(¹)	(¹)	1.2	1.2	1.2
Charlottesville	67.3	69.4	68.1	(¹)	(¹)	(¹)	3.8	3.8	3.8
Danville	41.1	40.3	40.9	(¹)	(¹)	(¹)	1.9	2.0	2.0
Lynchburg	76.1	76.8	77.4	(¹)	(¹)	(¹)	3.4	3.3	3.4
Norfolk-Virginia Beach-Newport News	587.1	592.5	592.3	(¹)	(¹)	(¹)	31.2	32.2	32.1
Northern Virginia	758.7	772.7	766.1	.4	.4	.4	38.4	38.6	39.2
Richmond-Petersburg	458.8	467.2	466.8	.8	.8	.8	27.6	27.5	27.3
Roanoke	125.5	126.8	126.4	(¹)	(¹)	(¹)	6.8	6.6	6.7
Washington	2,216.8	2,233.0	2,230.1	3.5	3.3	3.4	128.1	128.3	132.1
Seattle	1,122.0	1,130.6	1,123.6	.6	.6	.6	64.0	62.3	64.0
West Virginia	640.6	657.0	648.4	31.2	25.4	24.3	30.3	33.0	33.3
Charleston	115.4	118.0	117.4	2.0	1.5	1.5	5.7	6.3	6.2
Huntington-Ashland	110.8	111.0	110.6	1.7	1.6	1.6	5.4	5.8	5.6
Parkersburg-Manetta	63.9	63.9	63.9	.4	.4	.4	3.4	3.1	3.1
Wheeling	60.3	60.2	59.9	2.0	1.1	1.1	2.4	2.4	2.4
Wisconsin	2,367.9	2,406.7	2,408.7	2.6	2.7	2.7	101.6	112.3	113.2
Appleton-Oshkosh-Neenah	171.6	175.0	175.5	(¹)	(¹)	(¹)	9.7	10.9	10.9
Eau Claire	58.6	60.7	60.2	(¹)	(¹)	(¹)	2.4	2.7	2.7
Green Bay	112.9	115.4	115.9	(¹)	(¹)	(¹)	6.9	7.2	6.9
Janesville-Beloit	59.4	59.7	59.5	(¹)	(¹)	(¹)	2.3	2.6	2.5
Kenosha	44.8	45.4	45.7	(¹)	(¹)	(¹)	1.9	2.1	2.1
La Crosse	55.9	56.3	55.9	(¹)	(¹)	(¹)	2.3	2.7	2.7
Madison	235.3	241.0	241.1	(¹)	(¹)	(¹)	11.3	12.2	12.1
Milwaukee	761.8	772.6	774.3	(¹)	(¹)	(¹)	29.5	30.5	30.9
Racine	75.3	76.1	76.5	(¹)	(¹)	(¹)	2.8	3.6	3.7
Sheboygan	54.0	54.4	54.3	(¹)	(¹)	(¹)	2.2	2.6	2.5
Wausau	55.2	56.2	56.3	(¹)	(¹)	(¹)	2.5	2.7	2.7
Wyoming	210.0	210.7	211.1	17.9	18.1	18.5	13.3	12.6	12.8
Casper	28.3	28.5	28.5	2.3	2.4	2.5	1.6	1.7	1.6
Puerto Rico	843.3	845.0	(²)	.9	.9	(²)	49.1	45.9	(²)
Caguas	56.5	56.3	(²)	(¹)	(¹)	(¹)	1.4	1.4	(²)
Mayaguez	59.7	55.9	(²)	(¹)	(¹)	(¹)	2.9	2.4	(²)
Ponce	56.5	57.6	(²)	(¹)	(¹)	(¹)	4.1	3.8	(²)
San Juan	515.2	512.1	(²)	.5	.5	(²)	34.8	31.7	(²)
Virgin Islands	42.7	47.4	47.2	(¹)	(¹)	(¹)	2.1	4.9	4.8

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Utah	106.7	108.1	109.1	44.4	46.4	47.0	186.3	192.1	194.4
Provo-Orem	13.7	13.2	13.6	2.0	2.0	2.1	23.7	24.1	24.4
Salt Lake City-Ogden	69.8	71.3	71.9	35.0	36.9	37.1	129.1	132.5	133.6
Vermont	43.9	43.0	43.2	11.2	10.8	10.6	59.4	59.0	59.5
Barre-Montpelier	4.6	4.8	5.0	.9	.8	.8	7.3	7.2	7.3
Burlington	14.5	13.6	13.5	3.6	3.7	3.7	16.5	17.8	17.9
Virginia	409.8	401.9	404.7	147.5	145.5	145.8	639.7	634.9	634.4
Bristol	10.7	9.9	10.0	1.2	1.2	1.2	8.7	8.7	8.7
Charlottesville	7.8	7.5	7.7	2.4	2.3	2.3	13.4	13.8	13.6
Danville	15.9	15.0	15.5	1.0	1.1	1.1	8.4	8.5	8.5
Lynchburg	22.8	22.7	23.0	2.8	2.7	2.7	16.7	17.0	17.1
Norfolk-Virginia Beach-Newport News	63.5	62.0	62.2	28.0	28.6	28.7	140.5	140.1	140.6
Northern Virginia	32.4	31.5	31.3	49.7	48.6	48.4	167.4	165.8	165.1
Richmond-Petersburg	62.7	60.8	60.8	23.1	22.4	22.7	107.5	110.0	110.9
Roanoke	18.8	18.6	18.5	8.2	8.3	8.2	34.3	33.5	32.9
Washington	351.3	338.8	342.2	115.2	111.9	112.1	547.0	552.7	552.7
Seattle	211.2	203.0	203.2	70.4	68.1	68.3	267.4	272.2	271.0
West Virginia	82.7	82.9	83.3	38.4	39.0	39.2	147.7	151.1	151.8
Charleston	10.5	10.6	10.5	8.8	9.0	9.1	28.4	29.3	29.7
Huntington-Ashland	19.7	18.1	18.2	7.3	7.0	6.9	27.8	28.3	28.1
Parkersburg-Marietta	13.6	13.6	13.6	2.6	2.8	2.6	15.4	15.6	15.7
Wheeling	6.7	6.6	6.7	3.3	3.6	3.6	15.3	15.4	15.4
Wisconsin	557.9	558.8	562.7	108.8	109.7	109.9	556.6	558.1	560.3
Appleton-Oshkosh-Neenah	57.7	57.0	57.1	7.1	7.6	7.6	35.4	35.3	36.0
Eau Claire	10.6	10.2	10.2	3.2	3.3	3.2	16.1	16.7	16.8
Green Bay	25.5	25.8	26.2	8.1	8.3	8.3	26.8	26.9	27.1
Janesville-Beloit	18.5	17.5	17.9	2.3	2.2	2.2	14.3	14.4	14.3
Kenosha	9.7	9.0	9.7	1.6	1.3	1.4	13.6	14.5	14.7
La Crosse	10.4	9.9	10.0	2.4	2.4	2.4	15.5	15.6	15.6
Madison	25.8	26.9	26.8	8.0	8.0	8.0	50.8	50.8	51.0
Milwaukee	164.5	165.7	165.3	35.6	35.9	35.9	171.4	174.9	175.9
Racine	23.9	23.7	24.2	2.5	2.5	2.5	16.9	16.8	17.0
Sheboygan	21.4	21.7	21.6	1.7	1.5	1.5	10.4	10.3	10.3
Wausau	16.2	16.4	16.4	3.4	3.3	3.3	12.7	13.2	13.3
Wyoming	9.4	9.5	9.6	14.4	14.6	14.7	49.6	50.3	50.3
Casper	1.6	1.6	1.6	1.7	1.6	1.6	8.1	8.2	8.2
Puerto Rico	149.9	146.0	([?])	21.5	21.7	([?])	155.8	156.3	([?])
Caguas	15.9	14.3	([?])	.5	.4	([?])	11.7	11.9	([?])
Mayaguez	17.2	18.6	([?])	.5	.5	([?])	10.0	9.6	([?])
Ponce	9.9	10.2	([?])	1.8	1.6	([?])	9.3	9.5	([?])
San Juan	63.1	61.9	([?])	17.5	17.8	([?])	104.7	104.9	([?])
Virgin Islands	2.9	3.0	3.0	2.4	2.5	2.5	9.7	10.0	10.3

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	Finance, insurance, and real estate			Services			Government		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Utah	37.6	40.0	40.5	199.7	213.0	214.5	147.1	149.7	150.1
Provo-Orem	2.7	2.8	2.9	38.4	41.8	42.1	14.4	14.7	15.2
Salt Lake City-Ogden	31.0	33.2	33.6	133.2	141.2	143.1	97.6	100.8	99.6
Vermont	12.0	11.8	11.7	70.2	72.2	71.9	37.0	37.4	36.8
Barre-Montpelier	2.7	2.7	2.7	8.7	8.4	8.6	7.2	6.9	6.7
Burlington	4.1	4.2	4.1	20.7	21.8	21.4	10.5	10.8	10.6
Virginia	150.6	152.6	152.6	762.2	784.5	786.8	558.3	570.5	560.0
Bristol	1.1	1.2	1.1	5.7	5.9	5.9	5.0	5.1	5.0
Charlottesville	3.9	3.9	3.8	15.9	18.7	16.5	20.1	21.4	20.2
Danville	1.3	1.2	1.2	7.8	7.6	7.8	4.8	4.9	4.8
Lynchburg	3.5	3.8	3.7	17.5	17.8	18.0	9.4	9.5	9.5
Norfolk-Virginia Beach-Newport News	26.3	26.9	26.9	163.0	166.7	166.5	134.6	136.0	135.3
Northern Virginia	48.5	49.1	49.0	271.5	281.6	281.5	150.4	157.1	151.2
Richmond-Petersburg	38.6	39.6	39.4	108.2	112.9	113.1	90.3	93.2	91.8
Roanoke	8.9	8.9	8.9	33.2	34.7	35.1	15.3	16.2	16.1
Washington	120.5	118.8	119.0	558.6	571.7	572.9	392.6	407.5	395.7
Seattle	74.3	74.0	74.1	288.0	294.5	294.2	146.1	155.9	148.2
West Virginia	24.9	25.3	25.2	159.3	164.9	165.1	126.1	135.4	126.4
Charleston	6.2	6.5	6.4	32.3	33.5	33.4	21.5	21.3	20.6
Huntington-Ashland	3.8	3.6	3.7	28.9	27.8	27.8	18.2	18.8	18.7
Parkersburg-Marietta	2.4	2.4	2.4	15.7	15.7	15.7	10.4	10.5	10.4
Wheeling	3.0	3.1	3.1	18.0	18.2	18.4	9.6	9.8	9.2
Wisconsin	128.2	131.5	131.4	581.3	596.0	595.3	331.1	337.6	333.3
Appleton-Oshkosh-Neenah	8.6	8.8	8.7	36.4	38.2	38.1	16.7	17.2	17.1
Eau Claire	2.1	2.0	2.0	14.3	14.9	14.9	9.9	10.9	10.4
Green Bay	6.6	7.5	7.5	27.8	28.2	28.3	11.2	11.5	11.5
Janesville-Beloit	1.7	1.8	1.8	13.5	14.1	13.7	8.8	7.2	7.1
Kenosha	1.5	1.5	1.5	10.6	10.7	10.7	6.0	6.2	5.8
La Crosse	1.9	1.9	1.8	16.0	16.5	16.5	7.4	7.3	6.9
Madison	20.7	21.6	21.6	54.8	57.4	57.3	83.9	64.1	64.1
Milwaukee	52.8	53.8	53.9	224.8	228.3	228.4	83.3	83.4	84.1
Racine	2.3	2.3	2.3	18.3	18.3	18.3	8.7	8.8	8.5
Sheboygan	2.3	2.3	2.3	10.4	10.6	10.6	5.8	5.5	5.4
Wausau	4.0	4.2	4.2	10.6	10.6	10.8	5.8	5.8	5.8
Wyoming	7.5	7.7	7.7	47.0	47.8	47.5	50.9	50.1	50.0
Casper	1.1	1.1	1.1	6.9	7.1	7.0	5.0	4.8	4.9
Puerto Rico	36.7	35.9	(²)	139.7	139.4	(²)	289.8	299.0	(²)
Caguas	1.2	1.2	(²)	9.0	9.4	(²)	16.8	17.6	(²)
Mayaguez	1.5	1.5	(²)	8.8	9.0	(²)	18.9	20.1	(²)
Ponce	1.7	1.6	(²)	12.0	12.2	(²)	17.8	18.7	(²)
San Juan	28.9	28.4	(²)	95.8	96.0	(²)	169.8	170.9	(²)
Virgin Islands	2.1	2.1	2.1	8.7	9.9	9.7	14.8	15.0	14.8

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:									
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	34.6	10.82	374.37	44.3	14.72	652.10	39.2	14.31	560.95
June	34.6	10.76	372.30	44.1	14.59	643.42	39.3	14.23	559.24
July	34.8	10.75	374.10	44.1	14.48	638.57	39.5	14.35	566.83
August ^p	35.1	10.78	378.38	45.0	14.45	650.25	39.7	14.42	572.47
September ^p	34.5	10.90	376.05	44.5	14.61	650.15	38.4	14.49	556.42

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	39.6	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:										
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	11.82	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	41.3	11.72	11.18	484.04	39.8	13.57	540.09	38.4	11.73	450.43
June	41.4	11.73	11.17	485.62	39.7	13.58	539.13	38.3	11.64	445.81
July	41.0	11.73	11.19	480.93	40.0	13.65	546.00	38.3	11.71	448.49
August ^p	41.5	11.72	11.14	486.38	40.4	13.66	551.86	38.4	11.72	450.05
September ^p	41.5	11.87	11.27	492.61	40.0	13.71	548.40	38.2	11.75	448.85

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:									
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	28.9	7.28	210.39	36.2	11.34	410.51	32.7	10.78	352.51
June	29.1	7.26	211.27	35.6	11.20	398.72	32.6	10.68	348.17
July	29.6	7.24	214.30	35.6	11.24	400.14	32.8	10.64	348.99
August ^p	29.7	7.23	214.73	36.3	11.35	412.01	33.1	10.68	353.51
September ^p	28.9	7.31	211.26	35.4	11.35	401.79	32.4	10.83	350.89

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^P	Sept. 1993 ^P	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^P	Sept. 1993 ^P
Total private		34.9	34.3	34.8	35.1	34.5	-	-	-	-	.
Mining		44.5	43.9	44.1	45.0	44.5	-	-	-	-	-
Metal mining	10	43.0	43.8	43.0	42.7	-	-	-	-	-	-
Iron ores	101	40.3	42.0	41.8	41.3	-	-	-	-	-	-
Copper ores	102	44.8	47.0	45.3	44.1	-	-	-	-	-	-
Coal mining	12	43.3	43.6	42.6	44.9	-	-	-	-	-	-
Bituminous coal and lignite mining	122	43.3	43.7	42.6	45.0	-	-	-	-	-	-
Oil and gas extraction	13	44.7	43.7	43.6	44.5	-	-	-	-	-	-
Crude petroleum and natural gas	131	42.3	41.1	42.3	42.9	-	-	-	-	-	-
Oil and gas field services	138	46.4	45.4	44.4	45.4	-	-	-	-	-	-
Nonmetallic minerals, except fuels	14	46.0	45.2	47.3	47.8	-	-	-	-	-	-
Crushed and broken stone	142	46.8	46.1	48.9	49.3	-	-	-	-	-	-
Construction		39.1	37.1	39.5	39.7	38.4	-	-	-	-	-
General building contractors	15	38.3	36.5	38.2	38.5	-	-	-	-	-	-
Residential building construction	152	37.2	36.2	37.6	37.9	-	-	-	-	-	-
Operative builders	153	39.4	37.5	38.7	38.9	-	-	-	-	-	-
Nonresidential building construction	154	39.4	36.8	38.8	39.1	-	-	-	-	-	-
Heavy construction, except building	16	43.3	40.7	43.5	44.1	-	-	-	-	-	-
Highway and street construction	161	45.4	42.0	45.7	46.8	-	-	-	-	-	-
Heavy construction, except highway	162	42.2	40.0	42.2	42.6	-	-	-	-	-	-
Special trade contractors	17	38.1	36.3	38.9	38.9	-	-	-	-	-	-
Plumbing, heating, and air conditioning	171	39.3	37.6	40.1	39.8	-	-	-	-	-	-
Painting and paper hanging	172	37.1	36.1	37.3	37.6	-	-	-	-	-	-
Electrical work	173	39.5	37.2	40.0	40.1	-	-	-	-	-	-
Masonry, stonework, and plastering	174	35.2	33.9	36.1	36.0	-	-	-	-	-	-
Carpentry and floor work	175	36.3	34.6	36.4	36.9	-	-	-	-	-	-
Roofing, siding, and sheet metal work	176	35.8	34.2	36.1	36.4	-	-	-	-	-	-
Manufacturing		41.1	41.0	41.0	41.5	41.5	4.0	3.9	4.0	4.3	4.5
Durable goods		41.5	41.1	41.6	42.1	42.0	3.9	3.7	4.0	4.4	4.5
Lumber and wood products	24	41.0	40.3	40.6	41.2	41.2	4.2	3.6	4.1	4.4	-
Logging	241	40.2	40.4	40.9	41.4	-	5.5	5.1	5.6	6.2	-
Sawmills and planing mills	242	41.8	41.3	41.6	42.2	-	4.6	4.0	4.7	5.1	-
Sawmills and planing mills, general	2421	42.1	41.7	42.0	42.6	-	4.9	4.3	5.0	5.5	-
Hardwood dimension and flooring mills	2426	40.7	39.9	40.3	40.9	-	3.5	3.0	3.4	3.5	-
Millwork, plywood, and structural members	243	41.2	40.0	40.0	41.1	-	4.0	3.2	3.6	4.0	-
Millwork	2431	40.7	39.6	39.9	40.2	-	3.4	2.7	3.0	3.0	-
Wood kitchen cabinets	2434	41.0	39.4	40.1	41.0	-	4.0	3.0	3.4	4.2	-
Hardwood veneer and plywood	2435	40.6	40.3	39.5	41.2	-	4.0	3.8	3.6	4.3	-
Softwood veneer and plywood	2436	43.7	42.3	36.6	42.6	-	5.2	4.6	4.4	5.0	-
Wood containers	244	39.0	39.3	39.2	39.1	-	3.1	2.8	3.4	3.2	-
Wood buildings and mobile homes	245	40.9	39.4	41.7	41.3	-	3.8	2.8	4.2	4.4	-
Mobile homes	2451	41.3	39.4	42.2	41.6	-	4.0	3.0	4.5	4.5	-
Miscellaneous wood products	249	40.2	40.2	39.7	40.3	-	3.2	3.3	3.1	3.2	-
Furniture and fixtures	25	39.9	39.4	39.7	40.6	40.2	3.1	2.9	3.0	3.5	-
Household furniture	251	39.1	38.7	38.3	39.4	-	2.5	2.2	2.1	2.6	-
Wood household furniture	2511	39.3	38.3	38.8	39.8	-	2.4	2.1	2.2	2.7	-
Upholstered household furniture	2512	37.9	38.1	37.0	38.3	-	2.0	1.8	1.3	2.1	-
Metal household furniture	2514	39.6	40.0	39.2	41.0	-	3.0	3.0	2.2	3.2	-
Mattresses and bedspreads	2515	41.6	41.2	39.7	40.7	-	4.1	3.8	3.7	3.8	-
Office furniture	252	39.0	38.0	42.2	42.4	-	3.2	2.9	4.5	4.5	-
Public building and related furniture	253	42.8	41.5	41.5	43.0	-	4.7	3.9	4.4	5.5	-
Partitions and fixtures	254	41.5	41.4	41.8	42.5	-	4.7	4.7	4.8	5.3	-
Miscellaneous furniture and fixtures	259	41.7	41.3	40.7	41.3	-	3.6	3.5	3.0	3.2	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Total private		\$10.55	\$10.65	\$10.75	\$10.78	\$10.90	\$368.20	\$365.30	\$374.10	\$378.38	\$376.05
Mining		14.47	14.60	14.48	14.45	14.61	643.92	640.94	638.57	650.25	650.15
Metal mining	10	15.20	15.49	15.10	15.14	-	653.60	678.46	649.30	646.48	-
Iron ores	101	16.00	17.70	16.61	15.80	-	644.80	743.40	694.30	652.54	-
Copper ores	102	13.73	13.99	14.04	14.04	-	615.10	657.53	636.01	619.16	-
Coal mining	12	17.12	17.25	17.18	17.11	-	741.30	752.10	731.87	768.24	-
Bituminous coal and lignite mining	122	17.27	17.42	17.38	17.33	-	747.79	761.25	740.39	779.85	-
Oil and gas extraction	13	13.95	13.98	14.08	14.07	-	623.57	610.93	613.89	626.12	-
Crude petroleum and natural gas	131	16.61	16.70	17.18	17.17	-	702.60	686.37	726.71	736.59	-
Oil and gas field services	138	12.18	12.21	12.25	12.32	-	565.15	554.33	543.90	559.33	-
Nonmetallic minerals, except fuels	14	12.34	12.57	12.78	12.80	-	567.64	568.16	604.49	611.84	-
Crushed and broken stone	142	11.69	12.10	12.17	12.23	-	547.09	557.81	595.11	602.94	-
Construction		14.24	14.22	14.35	14.42	14.49	556.78	527.56	566.83	572.47	556.42
General building contractors	15	13.54	13.58	13.50	13.59	-	518.58	495.67	515.70	523.22	-
Residential building construction	152	12.67	12.78	12.49	12.56	-	471.32	462.64	469.62	476.02	-
Operative builders	153	13.77	13.68	13.22	13.43	-	542.54	513.00	511.61	522.43	-
Nonresidential building construction	154	14.30	14.30	14.43	14.53	-	563.42	526.24	559.88	568.12	-
Heavy construction, except building	16	14.24	14.22	14.13	14.28	-	616.59	578.75	614.66	629.75	-
Highway and street construction	161	14.24	13.97	14.35	14.42	-	646.50	586.74	655.80	674.86	-
Heavy construction, except highway	162	14.24	14.34	14.00	14.19	-	600.93	573.60	590.80	604.49	-
Special trade contractors	17	14.49	14.46	14.71	14.74	-	552.07	524.90	572.22	573.39	-
Plumbing, heating, and air conditioning	171	14.85	14.86	15.08	15.08	-	583.61	558.74	604.71	600.18	-
Painting and paper hanging	172	13.28	13.18	13.18	13.47	-	492.69	475.80	491.61	506.47	-
Electrical work	173	15.44	15.45	15.88	15.86	-	609.88	574.74	635.20	635.99	-
Masonry, stonework, and plastering	174	14.63	14.61	14.68	14.81	-	514.98	495.28	529.95	533.16	-
Carpentry and floor work	175	14.54	14.44	14.48	14.63	-	527.80	499.62	527.07	539.85	-
Roofing, siding, and sheet metal work	176	12.67	12.45	12.79	12.91	-	453.59	425.79	461.72	469.92	-
Manufacturing		11.45	11.54	11.73	11.72	11.87	470.60	473.14	480.93	486.38	492.61
Durable goods		12.04	12.09	12.29	12.31	12.46	499.66	496.90	511.26	518.25	523.32
Lumber and wood products	24	9.50	9.50	9.64	9.68	9.74	389.50	382.85	391.38	398.82	401.29
Logging	241	11.31	11.29	11.48	11.59	-	454.66	456.12	469.53	479.83	-
Sawmills and planing mills	242	9.62	9.66	9.80	9.79	-	402.12	398.96	407.68	413.14	-
Sawmills and planing mills, general	2421	9.99	10.02	10.16	10.16	-	420.58	417.83	426.72	432.82	-
Hardwood dimension and flooring mills	2426	7.99	8.06	8.25	8.22	-	325.19	321.59	332.48	336.20	-
Millwork, plywood, and structural members	243	9.55	9.54	9.68	9.71	-	393.46	381.60	387.20	399.08	-
Millwork	2431	9.87	9.91	9.91	9.91	-	401.71	392.44	395.41	398.38	-
Wood kitchen cabinets	2434	8.90	8.81	8.99	9.09	-	364.90	347.11	360.50	372.69	-
Hardwood veneer and plywood	2435	8.21	8.30	8.40	8.46	-	333.33	334.49	331.80	348.55	-
Softwood veneer and plywood	2436	11.12	11.04	11.76	11.58	-	485.94	466.99	453.94	495.62	-
Wood containers	244	6.92	6.88	7.00	7.05	-	269.88	270.38	274.40	275.66	-
Wood buildings and mobile homes	245	9.22	9.12	9.29	9.41	-	377.10	359.33	387.39	388.63	-
Mobile homes	2451	9.27	9.14	9.35	9.46	-	382.85	360.12	394.57	393.54	-
Miscellaneous wood products	249	8.78	8.82	9.04	9.06	-	352.96	354.56	358.89	365.12	-
Furniture and fixtures	25	9.05	9.10	9.28	9.34	9.40	361.10	358.54	368.42	379.20	377.88
Household furniture	251	8.43	8.47	8.69	8.77	-	329.61	327.79	332.83	345.54	-
Wood household furniture	2511	7.89	7.92	8.15	8.20	-	310.08	303.34	316.22	326.36	-
Upholstered household furniture	2512	9.23	9.22	9.32	9.51	-	349.82	351.28	344.84	364.23	-
Metal household furniture	2514	8.46	8.57	8.81	8.93	-	335.02	342.80	345.35	366.13	-
Mattresses and bedsprings	2515	8.82	8.90	9.38	9.28	-	366.91	366.68	372.39	377.70	-
Office furniture	252	9.80	9.85	10.14	10.12	-	382.20	374.30	427.91	429.09	-
Public building and related furniture	253	9.45	9.61	9.45	9.55	-	404.46	398.82	392.18	410.65	-
Partitions and fixtures	254	10.45	10.49	10.56	10.63	-	433.68	434.29	441.41	451.78	-
Miscellaneous furniture and fixtures	259	9.42	9.47	9.46	9.44	-	392.81	391.11	385.02	389.87	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^P	Sept. 1993 ^P	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^P	Sept. 1993 ^P
Durable goods—Continued											
Stone, clay, and glass products	32	42.9	43.0	43.0	43.5	43.3	5.5	5.3	5.5	5.9	-
Flat glass	321	44.2	45.0	43.7	46.8	-	6.0	6.5	4.9	9.1	-
Glass and glassware, pressed or blown	322	42.4	43.9	42.4	42.8	-	5.0	5.9	4.5	4.7	-
Glass containers	3221	43.1	44.5	43.5	43.8	-	6.3	7.0	5.8	6.2	-
Pressed and blown glass, nec	3229	41.7	43.3	41.3	41.8	-	3.8	4.9	3.3	3.4	-
Products of purchased glass	323	41.6	41.1	40.7	42.2	-	3.4	3.4	3.0	4.0	-
Cement, hydraulic	324	41.6	43.4	42.3	41.9	-	3.8	4.0	4.4	3.8	-
Structural clay products	325	41.1	41.3	41.3	41.1	-	3.6	3.4	3.9	3.8	-
Pottery and related products	326	40.3	41.2	40.6	41.7	-	3.4	3.9	3.2	4.1	-
Concrete, gypsum, and plaster products	327	44.9	43.9	44.8	45.2	-	7.5	6.2	7.9	8.2	-
Concrete block and brick	3271	45.5	43.8	45.9	46.2	-	7.3	5.8	8.0	8.3	-
Concrete products, nec	3272	44.1	42.8	43.7	43.8	-	6.4	5.2	6.2	6.3	-
Ready-mixed concrete	3273	44.9	43.8	45.0	45.8	-	8.0	6.4	8.7	9.3	-
Misc. nonmetallic mineral products	329	42.1	42.9	42.8	42.6	-	5.2	5.4	5.2	4.8	-
Abrasive products	3291	41.8	40.9	41.6	41.7	-	3.9	3.6	3.7	3.5	-
Asbestos products	3292	41.5	42.1	42.4	43.3	-	6.0	5.6	4.9	6.3	-
Primary metal industries	33	43.0	43.2	43.6	43.4	43.8	5.4	5.4	5.6	5.7	-
Blast furnaces and basic steel products	331	43.9	44.5	44.7	43.9	44.4	5.8	6.0	6.1	5.8	-
Blast furnaces and steel mills	3312	44.2	44.7	45.1	44.2	-	6.0	6.2	6.4	6.0	-
Steel pipe and tubes	3317	43.1	43.5	43.6	42.8	-	5.4	5.2	5.5	4.9	-
Iron and steel foundries	332	42.9	42.4	43.2	43.9	-	5.3	4.9	5.3	6.0	-
Gray and ductile iron foundries	3321	43.8	42.8	43.8	44.9	-	5.8	5.3	5.6	6.8	-
Malleable iron foundries	3322	43.6	44.7	41.9	41.2	-	6.8	6.3	8.2	6.4	-
Steel foundries, nec	3325	40.7	41.4	41.3	41.5	-	3.9	3.9	4.3	4.2	-
Primary nonferrous metals	333	42.4	44.1	42.5	42.1	-	5.5	6.0	5.4	5.2	-
Primary aluminum	3334	42.3	43.5	41.7	41.6	-	5.9	6.3	4.9	5.0	-
Nonferrous rolling and drawing	335	43.1	43.3	44.1	43.9	-	6.0	6.0	6.6	6.5	-
Copper rolling and drawing	3351	42.5	42.8	44.3	44.5	-	6.5	6.4	7.7	6.8	-
Aluminum sheet, plate, and foil	3353	45.3	46.4	45.4	44.8	-	8.2	9.5	7.8	7.5	-
Nonferrous wire drawing and insulating	3357	42.1	42.1	43.7	43.3	-	4.9	4.6	6.2	6.3	-
Nonferrous foundries (castings)	336	40.7	40.4	40.1	40.9	-	3.3	3.1	3.2	3.9	-
Aluminum foundries	3365	41.6	40.8	40.1	41.4	-	3.9	3.7	3.4	4.5	-
Fabricated metal products	34	41.6	41.0	41.4	42.1	41.6	3.9	3.6	4.0	4.4	-
Metal cans and shipping containers	341	43.5	43.0	44.8	44.6	-	6.2	5.5	6.5	6.4	-
Metal cans	3411	43.8	43.2	44.5	44.3	-	6.2	5.3	6.4	6.4	-
Cutlery, handtools, and hardware	342	41.1	40.3	40.1	41.5	-	3.0	2.7	3.2	3.8	-
Hand and edge tools, and blades and handsaws	3423,5	40.9	40.1	39.3	41.2	-	3.0	2.7	2.9	3.5	-
Hardware, nec	3429	40.8	39.9	40.3	41.3	-	2.7	2.5	3.3	3.7	-
Plumbing and heating, except electric	343	41.3	41.3	40.5	42.0	-	4.0	3.8	3.4	4.2	-
Plumbing fixture fittings and trim	3432	41.8	41.5	39.6	40.7	-	3.7	3.9	2.3	2.6	-
Heating equipment, except electric	3433	39.9	39.3	40.6	42.1	-	3.4	2.8	3.1	4.4	-
Fabricated structural metal products	344	41.5	40.9	41.5	42.0	-	4.1	3.7	4.4	4.6	-
Fabricated structural metal	3441	42.1	41.6	43.0	43.0	-	4.8	4.2	5.3	5.0	-
Metal doors, sash, and trim	3442	40.4	40.3	40.0	40.5	-	3.5	3.2	3.7	4.0	-
Fabricated plate work (boiler shops)	3443	42.1	41.6	41.6	42.7	-	4.5	4.1	4.4	5.0	-
Sheet metal work	3444	41.0	40.1	40.9	41.3	-	3.5	3.1	3.9	4.0	-
Architectural metal work	3446	41.4	40.4	41.5	41.7	-	4.3	3.7	3.9	4.3	-
Screw machine products, bolts, etc	345	41.7	40.2	41.3	41.9	-	4.1	3.2	4.1	4.5	-
Screw machine products	3451	41.3	40.3	41.2	41.7	-	3.7	2.9	3.9	4.2	-
Bolts, nuts, rivets, and washers	3452	42.1	40.1	41.5	42.2	-	4.7	3.6	4.3	4.9	-
Metal forgings and stampings	346	41.9	41.5	41.3	43.0	-	3.8	3.8	3.7	4.8	-
Iron and steel forgings	3462	40.6	40.0	39.6	41.9	-	3.5	2.6	3.6	4.6	-
Automotive stampings	3465	42.6	41.8	41.9	43.9	-	3.9	4.0	3.7	5.3	-
Metal stampings, nec	3469	41.0	41.1	41.0	41.9	-	3.7	3.7	3.5	4.0	-
Metal services, nec	347	41.1	40.4	40.7	40.7	-	3.7	3.5	3.8	3.7	-
Plating and polishing	3471	40.5	39.8	40.2	40.1	-	3.2	3.0	3.3	3.3	-
Metal coating and allied services	3479	42.0	41.3	41.6	41.7	-	4.4	4.3	4.5	4.4	-
Ordnance and accessories, nec	348	41.5	42.1	41.0	42.0	-	3.7	3.7	3.3	3.5	-
Ammunition, except for small arms, nec	3483	40.5	42.5	41.0	42.0	-	3.0	3.2	2.9	3.2	-
Misc. fabricated metal products	349	41.4	40.9	41.8	42.2	-	3.8	3.4	3.8	4.0	-
Valves and pipe fittings, nec	3494	41.5	41.6	41.6	42.8	-	3.9	3.6	3.7	4.3	-
Misc. fabricated wire products	3496	40.1	39.8	41.2	41.4	-	3.0	2.7	3.8	3.6	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a
Durable goods—Continued											
Stone, clay, and glass products	32	\$11.64	\$11.79	\$11.90	\$11.88	\$12.04	\$499.36	\$506.97	\$511.70	\$516.78	\$521.33
Flat glass	321	16.51	17.46	17.54	17.61	-	729.74	785.70	766.50	824.15	-
Glass and glassware, pressed or blown	322	13.05	13.31	13.35	13.37	-	553.32	584.31	566.04	572.24	-
Glass containers	3221	13.76	14.05	13.81	13.87	-	593.06	625.23	600.74	607.51	-
Pressed and blown glass, nec	3229	12.36	12.60	12.89	12.88	-	515.41	545.58	532.36	538.38	-
Products of purchased glass	323	10.01	10.19	10.24	10.16	-	416.42	418.81	416.77	428.75	-
Cement, hydraulic	324	14.66	15.15	14.96	14.80	-	609.86	657.51	632.81	620.12	-
Structural clay products	325	9.98	10.15	10.32	10.38	-	410.18	419.20	426.22	426.62	-
Pottery and related products	326	10.14	10.16	10.26	10.25	-	408.64	418.59	416.56	427.43	-
Concrete, gypsum, and plaster products	327	11.26	11.19	11.44	11.49	-	505.57	491.24	512.51	519.35	-
Concrete block and brick	3271	10.68	10.62	10.76	10.88	-	485.94	465.16	493.88	502.66	-
Concrete products, nec	3272	10.15	10.11	10.31	10.28	-	447.62	432.71	450.55	450.26	-
Ready-mixed concrete	3273	11.94	11.80	12.07	12.15	-	536.11	516.84	543.15	556.47	-
Misc. nonmetallic mineral products	329	12.18	12.46	12.53	12.35	-	512.78	534.53	536.28	526.11	-
Abrasives products	3291	10.26	10.45	10.72	10.47	-	428.87	427.41	445.95	436.60	-
Asbestos products	3292	12.92	13.09	13.75	13.88	-	536.16	551.09	583.00	601.00	-
Primary metal industries	33	13.73	13.92	14.07	13.99	14.26	590.39	601.34	613.45	607.17	624.59
Blast furnaces and basic steel products	331	15.96	16.30	16.52	16.41	16.74	700.84	725.35	738.44	720.40	743.26
Blast furnaces and steel mills	3312	16.95	17.36	17.65	17.53	-	749.19	775.99	796.02	774.83	-
Steel pipe and tubes	3317	12.59	12.62	12.84	12.78	-	542.63	548.97	559.82	546.98	-
Iron and steel foundries	332	12.20	12.19	12.33	12.34	-	523.38	516.86	532.66	541.73	-
Gray and ductile iron foundries	3321	12.63	12.63	12.78	12.85	-	553.19	540.56	559.76	576.97	-
Malleable iron foundries	3322	13.14	13.06	14.17	12.88	-	572.90	583.78	593.72	530.66	-
Steel foundries, nec	3325	11.51	11.58	11.52	11.51	-	468.46	479.41	475.78	477.67	-
Primary nonferrous metals	333	15.16	15.46	15.27	15.38	-	642.78	681.79	648.98	647.50	-
Primary aluminum	3334	15.50	15.91	15.39	15.55	-	655.65	692.09	641.76	646.88	-
Nonferrous rolling and drawing	335	12.89	13.11	13.20	13.21	-	555.56	567.66	582.12	579.92	-
Copper rolling and drawing	3351	12.41	12.59	12.90	12.78	-	527.43	538.85	571.47	568.71	-
Aluminum sheet, plate, and foil	3353	15.46	16.02	15.68	15.61	-	700.34	743.33	711.87	699.33	-
Nonferrous wire drawing and insulating	3357	12.92	13.00	13.32	13.30	-	543.93	547.30	582.08	575.89	-
Nonferrous foundries (castings)	336	10.88	10.81	11.07	11.07	-	442.82	436.72	443.91	452.76	-
Aluminum foundries	3365	10.37	10.38	10.67	10.69	-	431.39	423.50	427.87	442.57	-
Fabricated metal products	34	11.42	11.44	11.65	11.68	11.83	475.07	469.04	482.31	491.73	492.13
Metal cans and shipping containers	341	14.97	14.74	15.39	15.15	-	651.20	633.82	689.47	675.69	-
Metal cans	3411	16.00	15.73	16.52	16.23	-	700.80	679.54	735.14	718.99	-
Cutlery, handtools, and hardware	342	11.19	11.15	11.57	11.48	-	459.91	449.35	463.96	476.42	-
Hand and edge tools, and blades and handsaws	3423,5	10.45	10.45	11.03	10.97	-	427.41	419.05	433.48	451.96	-
Hardware, nec	3429	11.36	11.29	11.53	11.35	-	463.49	450.47	464.66	468.76	-
Plumbing and heating, except electric	343	10.31	10.42	10.45	10.59	-	425.80	430.35	423.23	444.78	-
Plumbing fixture fittings and trim	3432	9.77	9.93	9.82	9.94	-	408.39	412.10	388.87	404.56	-
Heating equipment, except electric	3433	10.54	10.52	10.50	10.81	-	420.55	413.44	426.30	455.10	-
Fabricated structural metal products	344	10.69	10.72	10.96	10.93	-	443.64	438.45	454.84	459.06	-
Fabricated structural metal	3441	10.71	10.71	10.80	10.80	-	450.89	445.54	464.40	464.40	-
Metal doors, sash, and trim	3442	9.00	9.00	9.34	9.29	-	363.60	362.70	373.60	376.25	-
Fabricated plate work (boiler shops)	3443	11.91	12.03	12.32	12.43	-	501.41	500.45	512.51	530.76	-
Sheet metal work	3444	10.95	10.94	11.28	11.14	-	448.95	438.69	461.35	460.08	-
Architectural metal work	3446	10.18	10.24	10.05	10.07	-	421.45	413.70	417.08	419.92	-
Screw machine products, bolts, etc	345	11.37	11.36	11.40	11.47	-	474.13	456.67	470.82	480.59	-
Screw machine products	3451	10.53	10.56	10.72	10.69	-	434.89	425.57	441.66	445.77	-
Bolts, nuts, rivets, and washers	3452	12.28	12.27	12.17	12.34	-	516.99	492.03	505.06	520.75	-
Metal forgings and stampings	346	13.50	13.58	13.77	13.91	-	565.65	563.57	568.70	598.13	-
Iron and steel forgings	3462	13.66	13.37	13.45	13.59	-	554.60	534.80	532.62	569.42	-
Automotive stampings	3465	15.30	15.59	15.80	15.92	-	651.78	651.66	662.02	698.89	-
Metal stampings, nec	3469	10.86	10.89	11.11	11.13	-	445.26	447.58	455.51	466.35	-
Metal services, nec	347	9.48	9.58	9.67	9.64	-	389.63	387.03	393.57	392.35	-
Plating and polishing	3471	9.41	9.51	9.70	9.65	-	381.11	378.50	389.94	386.97	-
Metal coating and allied services	3479	9.60	9.69	9.61	9.62	-	403.20	400.20	399.78	401.15	-
Ordnance and accessories, nec	348	12.57	12.57	13.48	13.55	-	521.66	529.20	552.68	569.10	-
Ammunition, except for small arms, nec	3483	12.31	12.14	13.64	13.84	-	498.56	515.95	559.24	581.28	-
Misc. fabricated metal products	349	10.73	10.70	10.89	10.88	-	444.22	437.63	455.20	459.14	-
Valves and pipe fittings, nec	3494	11.47	11.40	11.37	11.28	-	476.01	474.24	472.99	482.78	-
Misc. fabricated wire products	3496	9.40	9.41	9.70	9.76	-	376.94	374.52	399.64	404.06	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Durable goods—Continued											
Industrial machinery and equipment	35	41.9	41.5	42.6	42.6	42.4	4.0	3.7	4.5	4.6	-
Engines and turbines	351	42.7	42.7	45.1	43.4	-	4.5	4.1	4.3	4.9	-
Turbines and turbine generator sets	3511	42.9	43.0	43.8	43.0	-	5.0	5.3	3.9	5.2	-
Internal combustion engines, nec	3519	42.7	42.6	45.6	43.6	-	4.3	3.6	4.5	4.8	-
Farm and garden machinery	352	39.3	39.5	42.1	42.2	-	2.9	2.9	4.1	4.0	-
Farm machinery and equipment	3523	40.0	40.2	42.3	42.7	-	3.3	3.1	4.5	4.5	-
Construction and related machinery	353	43.5	43.2	44.1	43.9	-	4.3	3.8	5.2	5.0	-
Construction machinery	3531	44.6	44.1	44.8	43.7	-	3.8	3.3	4.7	4.4	-
Mining machinery	3532	40.2	40.5	40.5	40.6	-	3.4	3.3	3.8	4.0	-
Oil and gas field machinery	3533	45.1	45.3	46.4	47.5	-	5.8	5.5	6.6	6.9	-
Conveyors and conveying equipment	3535	43.2	42.7	44.1	43.8	-	4.8	4.3	6.2	5.9	-
Industrial trucks and tractors	3537	40.1	40.1	40.7	41.4	-	3.3	2.9	3.8	3.9	-
Metalworking machinery	354	42.3	41.8	43.1	43.0	-	4.7	4.3	5.2	5.2	-
Machine tools, metal cutting types	3541	41.7	40.7	42.5	42.2	-	4.1	3.8	4.3	4.3	-
Machine tools, metal forming types	3542	41.0	41.8	43.3	42.2	-	3.4	4.3	5.0	4.2	-
Special dies, tools, jigs, and fixtures	3544	43.0	42.5	43.7	43.5	-	5.5	5.0	6.1	6.2	-
Machine tool accessories	3545	42.0	41.4	42.3	42.2	-	3.9	3.6	3.7	3.6	-
Power driven handtools	3546	42.4	41.6	43.3	43.1	-	3.6	3.2	4.7	4.5	-
Special industry machinery	355	41.2	41.3	41.7	42.3	-	3.8	3.9	4.5	4.7	-
Textile machinery	3552	42.1	41.9	40.5	41.6	-	3.9	3.2	3.6	4.3	-
Printing trades machinery	3555	38.7	41.3	41.7	40.4	-	3.6	5.1	4.2	3.8	-
Food products machinery	3556	42.2	41.4	41.4	42.3	-	4.6	3.9	4.5	5.1	-
General industrial machinery	356	41.5	41.2	42.6	42.3	-	4.0	3.6	4.4	4.5	-
Pumps and pumping equipment	3561	41.3	40.5	43.0	42.0	-	3.8	3.3	4.8	4.4	-
Ball and roller bearings	3562	42.1	41.0	42.7	42.5	-	4.6	3.7	5.3	5.3	-
Air and gas compressors	3563	42.9	42.9	41.8	43.0	-	4.7	4.6	3.8	4.3	-
Blowers and fans	3564	41.0	39.6	42.1	41.9	-	4.0	3.0	4.1	4.6	-
Speed changers, drives, and gears	3566	41.5	42.6	43.3	42.2	-	5.1	5.1	5.3	5.4	-
Power transmission equipment, nec	3568	39.8	40.8	42.6	42.4	-	2.9	3.5	3.8	4.2	-
Computer and office equipment	357	41.8	41.6	41.7	42.3	-	2.9	3.3	3.1	3.3	-
Electronic computers	3571	41.3	40.8	42.3	42.4	-	2.9	3.5	3.1	3.4	-
Computer terminals, calculators, and office machines, nec	3575,8,9	40.4	42.4	42.4	41.4	-	3.6	3.2	3.4	3.6	-
Refrigeration and service machinery	358	41.2	40.5	41.9	41.7	-	3.6	3.0	4.5	4.9	-
Refrigeration and heating equipment	3585	41.5	40.8	42.6	41.9	-	3.9	3.2	5.0	5.2	-
Misc. industrial and commercial machinery	359	42.1	41.0	41.8	42.2	-	4.4	3.7	4.3	4.6	-
Carburetors, pistons, rings, valves	3592	40.7	39.5	41.0	42.2	-	3.5	3.1	3.8	4.4	-
Scales, balances, and industrial machinery, nec	3596,9	42.2	41.2	41.9	42.2	-	4.5	3.9	4.4	4.7	-
Electronic and other electrical equipment	36	41.0	40.8	41.1	41.7	41.5	3.4	3.4	3.5	3.8	-
Electric distribution equipment	361	41.4	40.9	41.3	41.3	-	3.5	3.2	3.8	3.9	-
Transformers, except electronic	3612	40.7	40.0	41.3	41.2	-	3.4	3.2	3.8	4.0	-
Switchgear and switchboard apparatus	3613	42.2	41.9	41.3	41.5	-	3.6	3.2	3.8	3.7	-
Electrical industrial apparatus	362	40.9	41.2	41.7	41.8	-	2.8	2.7	3.5	3.1	-
Motors and generators	3621	41.3	41.2	41.7	41.6	-	2.8	2.6	3.5	3.0	-
Relays and industrial controls	3625	39.6	40.5	41.7	41.6	-	2.2	2.4	3.1	2.9	-
Household appliances	363	39.7	39.6	40.3	40.6	-	2.9	2.9	2.9	3.0	-
Household refrigerators and freezers	3632	38.5	38.7	43.3	41.6	-	2.4	2.6	3.5	2.6	-
Household laundry equipment	3633	39.7	38.8	35.8	39.8	-	1.9	1.7	2.0	2.4	-
Electric housewares and fans	3634	41.0	41.1	41.1	41.2	-	3.2	3.7	3.2	3.9	-
Electric lighting and wiring equipment	364	40.5	40.5	41.0	41.3	-	3.2	3.0	3.5	3.7	-
Electric lamps	3641	42.3	42.5	42.8	44.3	-	3.7	3.3	3.7	4.4	-
Current-carrying wiring devices	3643	39.0	39.9	39.9	39.9	-	2.6	2.6	2.9	3.0	-
Noncurrent-carrying wiring devices	3644	43.8	43.4	41.1	41.2	-	4.3	3.9	2.8	2.8	-
Residential lighting fixtures	3645	38.5	37.5	38.2	40.2	-	2.6	2.3	2.2	3.2	-
Household audio and video equipment	365	41.6	41.4	40.4	42.3	-	4.2	4.2	3.5	4.8	-
Household audio and video equipment	3651	41.2	40.8	39.8	41.3	-	3.5	3.6	2.8	3.8	-
Communications equipment	366	41.5	41.0	42.5	43.4	-	3.3	3.3	3.4	3.5	-
Telephone and telegraph apparatus	3661	42.2	42.4	43.5	44.6	-	3.9	4.2	3.5	3.2	-
Electronic components and accessories	367	40.8	40.7	40.4	41.1	-	3.6	3.7	3.7	3.9	-
Electron tubes	3671	40.2	40.7	41.0	41.4	-	3.3	3.3	4.5	4.2	-
Semiconductors and related devices	3674	41.9	42.9	41.7	42.2	-	4.4	5.1	5.0	4.9	-
Electronic components, nec	3679	39.5	38.7	39.1	39.9	-	2.6	2.4	2.8	3.0	-
Misc. electrical equipment and supplies	369	42.1	41.6	41.7	42.5	-	3.8	3.5	3.8	4.7	-
Storage batteries	3691	43.8	42.8	43.3	43.4	-	4.8	4.3	4.2	5.0	-
Engine electrical equipment	3694	41.7	41.4	42.0	43.1	-	3.6	3.3	3.8	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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a
Durable goods—Continued											
Industrial machinery and equipment	35	\$12.43	\$12.46	\$12.76	\$12.73	\$12.88	\$520.82	\$517.09	\$543.58	\$542.30	\$546.11
Engines and turbines	351	15.80	15.86	16.09	16.06	-	674.66	677.22	725.66	697.00	-
Turbines and turbine generator sets	3511	16.44	16.57	16.51	16.75	-	705.28	712.51	723.14	720.25	-
Internal combustion engines, nec	3519	15.52	15.54	15.92	15.76	-	662.70	662.00	725.95	687.14	-
Farm and garden machinery	352	11.65	11.97	12.08	12.04	-	457.85	472.82	508.57	508.09	-
Farm machinery and equipment	3523	12.38	12.72	12.82	12.90	-	495.20	511.34	542.29	550.83	-
Construction and related machinery	353	12.65	12.71	13.01	12.94	-	550.28	549.07	573.74	568.07	-
Construction machinery	3531	14.17	14.34	14.52	14.24	-	631.98	632.39	650.50	622.29	-
Mining machinery	3532	12.65	12.67	13.03	13.22	-	508.53	513.14	527.72	536.73	-
Oil and gas field machinery	3533	11.54	11.42	11.84	12.01	-	520.45	517.33	549.38	570.48	-
Conveyors and conveying equipment	3535	11.48	11.46	11.95	12.02	-	495.94	489.34	527.00	526.48	-
Industrial trucks and tractors	3537	11.08	11.00	11.28	11.28	-	444.31	441.10	459.10	466.99	-
Metalworking machinery	354	12.89	12.97	13.32	13.28	-	545.25	542.15	574.09	571.04	-
Machine tools, metal cutting types	3541	13.37	13.46	13.60	13.59	-	557.53	547.82	578.00	573.50	-
Machine tools, metal forming types	3542	12.91	13.10	13.56	13.38	-	529.31	547.58	587.15	564.64	-
Special dies, tools, jigs, and fixtures	3544	13.41	13.49	13.93	13.88	-	576.63	573.33	608.74	603.78	-
Machine tool accessories	3545	11.54	11.57	11.66	11.67	-	484.68	479.00	493.22	492.47	-
Power driven handtools	3546	10.50	10.55	11.05	10.94	-	445.20	438.88	478.47	471.51	-
Special industry machinery	355	12.72	12.86	13.20	13.11	-	524.06	531.12	550.44	554.55	-
Textile machinery	3552	10.86	10.84	11.29	11.26	-	457.21	454.20	457.25	468.42	-
Printing trades machinery	3555	14.39	14.97	14.71	14.65	-	556.89	618.26	613.41	591.86	-
Food products machinery	3556	12.66	12.63	12.90	12.85	-	534.25	522.88	534.06	543.56	-
General industrial machinery	356	12.07	12.10	12.39	12.42	-	500.91	498.52	527.81	525.37	-
Pumps and pumping equipment	3561	12.85	12.94	13.11	13.20	-	530.71	524.07	563.73	554.40	-
Ball and roller bearings	3562	13.04	13.04	13.50	13.63	-	548.98	534.64	576.45	579.28	-
Air and gas compressors	3563	12.17	12.19	12.44	12.35	-	522.09	522.95	519.99	531.05	-
Blowers and fans	3564	10.25	10.29	10.52	10.50	-	420.25	407.48	442.89	439.95	-
Speed changers, drives, and gears	3566	12.86	12.83	13.34	13.41	-	533.69	546.56	577.62	565.90	-
Power transmission equipment, nec	3568	11.81	11.80	12.34	12.31	-	470.04	481.44	525.68	521.94	-
Computer and office equipment	357	12.44	12.18	12.64	12.72	-	519.99	506.69	527.09	538.06	-
Electronic computers	3571	13.14	12.86	13.82	14.15	-	542.68	524.69	584.59	599.96	-
Computer terminals, calculators, and office machines, nec	3575,8,9	12.62	12.21	12.61	12.46	-	509.85	517.70	534.66	515.84	-
Refrigeration and service machinery	358	11.30	11.38	11.55	11.49	-	465.56	460.89	483.95	479.13	-
Refrigeration and heating equipment	3585	11.40	11.49	11.75	11.66	-	473.10	468.79	500.55	488.55	-
Misc. industrial and commercial machinery	359	11.93	11.89	12.16	12.16	-	502.25	487.49	508.29	513.15	-
Carburetors, pistons, rings, valves	3592	12.92	12.70	13.02	13.08	-	525.84	501.65	533.82	551.98	-
Scales, balances, and industrial machinery, nec	3596,9	11.61	11.58	11.85	11.84	-	489.94	477.10	496.52	499.65	-
Electronic and other electrical equipment	36	11.02	11.03	11.25	11.25	11.33	451.82	450.02	462.38	469.13	470.20
Electric distribution equipment	361	10.89	10.94	10.98	11.08	-	450.85	447.45	453.47	457.60	-
Transformers, except electronic	3612	10.44	10.60	10.37	10.49	-	424.91	424.00	428.28	432.19	-
Switchgear and switchboard apparatus	3613	11.34	11.27	11.62	11.68	-	478.55	472.21	479.91	484.72	-
Electrical industrial apparatus	362	10.33	10.39	10.66	10.73	-	422.50	428.07	444.52	448.51	-
Motors and generators	3621	9.84	9.82	9.92	9.94	-	406.39	404.58	413.66	413.50	-
Relays and industrial controls	3625	11.12	11.33	12.00	12.14	-	440.35	458.87	500.40	505.02	-
Household appliances	363	10.55	10.49	10.49	10.42	-	418.84	415.40	422.75	423.05	-
Household refrigerators and freezers	3632	11.38	11.33	11.58	11.42	-	438.13	438.47	501.41	475.07	-
Household laundry equipment	3633	12.76	12.83	12.43	12.58	-	506.57	497.80	444.99	500.68	-
Electric housewares and fans	3634	8.03	8.06	8.27	8.31	-	329.23	331.27	339.90	342.37	-
Electric lighting and wiring equipment	364	10.83	10.84	11.00	10.95	-	438.62	439.02	451.00	452.24	-
Electric lamps	3641	12.04	12.06	11.41	11.53	-	509.29	512.55	488.35	510.78	-
Current-carrying wiring devices	3643	10.74	10.71	10.94	10.95	-	418.86	427.33	436.51	436.91	-
Noncurrent-carrying wiring devices	3644	10.12	10.20	10.60	10.56	-	443.26	442.68	435.66	435.07	-
Residential lighting fixtures	3645	8.27	8.19	8.55	8.34	-	318.40	307.13	326.61	335.27	-
Household audio and video equipment	365	10.71	10.67	10.84	10.93	-	445.54	441.74	437.94	462.34	-
Household audio and video equipment	3651	11.01	11.02	11.09	11.29	-	453.61	449.62	441.38	466.28	-
Communications equipment	366	11.46	11.59	11.64	11.59	-	475.59	475.19	494.70	503.01	-
Telephone and telegraph apparatus	3661	12.10	12.29	12.50	12.40	-	510.62	521.10	543.75	553.04	-
Electronic components and accessories	367	10.97	10.94	11.36	11.30	-	447.58	445.26	458.94	464.43	-
Electron tubes	3671	12.49	12.72	13.05	13.05	-	502.10	517.70	535.05	540.27	-
Semiconductors and related devices	3674	13.95	13.66	14.76	14.58	-	584.51	586.01	615.49	615.28	-
Electronic components, nec	3679	9.71	9.81	9.48	9.52	-	383.55	379.65	370.67	379.85	-
Misc. electrical equipment and supplies	369	12.19	12.26	12.44	12.58	-	513.20	510.02	518.75	534.65	-
Storage batteries	3691	13.15	13.28	13.37	13.76	-	575.97	568.38	578.92	597.18	-
Engine electrical equipment	3694	12.84	12.92	13.10	13.28	-	535.43	534.89	550.20	572.37	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^P	Sept. 1993 ^P	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^P	Sept. 1993 ^P
Durable goods—Continued											
Transportation equipment	37	41.9	41.1	41.8	42.7	42.8	3.9	3.6	3.7	4.8	-
Motor vehicles and equipment	371	42.7	41.4	42.5	44.0	44.1	4.4	3.9	3.9	5.9	-
Motor vehicles and car bodies	3711	42.3	40.0	42.0	43.4	-	3.8	3.3	3.4	5.9	-
Truck and bus bodies	3713	42.8	42.7	44.3	43.9	-	4.6	4.3	4.4	4.6	-
Motor vehicle parts and accessories	3714	43.2	42.4	42.6	44.7	-	4.9	4.4	4.2	6.3	-
Truck trailers	3715	41.7	40.9	42.6	42.3	-	4.3	3.6	4.5	4.0	-
Aircraft and parts	372	41.4	41.2	41.4	41.5	-	3.7	3.7	3.8	4.0	-
Aircraft	3721	41.4	41.3	41.0	40.5	-	3.7	3.8	3.7	3.7	-
Aircraft engines and engine parts	3724	41.9	42.2	43.6	43.7	-	4.4	4.3	4.9	5.1	-
Aircraft parts and equipment, nec	3728	40.9	40.2	40.6	41.8	-	3.2	3.2	3.3	3.8	-
Ship and boat building and repairing	373	40.0	39.9	39.8	39.8	-	3.0	3.1	2.6	2.5	-
Ship building and repairing	3731	40.5	40.4	40.2	39.9	-	3.2	3.5	2.4	2.2	-
Boat building and repairing	3732	38.9	38.5	38.8	39.5	-	2.7	2.1	2.8	3.0	-
Railroad equipment	374	41.1	40.1	40.6	42.3	-	3.1	2.6	2.6	3.6	-
Guided missiles, space vehicles, and parts	376	40.6	40.3	42.0	41.3	-	2.8	2.6	3.0	2.9	-
Guided missiles and space vehicles	3761	40.5	40.2	42.9	42.0	-	3.2	2.9	3.5	3.2	-
Misc. transportation equipment	379	39.6	39.2	40.4	40.2	-	2.3	1.8	3.4	3.1	-
Travel trailers and campers	3792	39.8	38.7	40.4	39.4	-	2.0	.8	3.0	2.4	-
Instruments and related products	38	40.9	40.8	40.6	40.8	41.1	2.7	2.7	2.6	2.7	-
Search and navigation equipment	381	40.1	40.7	40.4	40.1	-	2.2	2.0	1.9	2.0	-
Measuring and controlling devices	382	40.9	40.5	40.6	41.0	-	2.6	2.5	2.3	2.6	-
Environmental controls	3822	40.0	39.3	39.6	40.2	-	2.7	2.8	2.7	3.0	-
Process control instruments	3823	42.0	41.6	40.4	41.3	-	2.7	3.1	2.2	2.1	-
Instruments to measure electricity	3825	40.0	39.4	40.9	41.3	-	1.9	1.5	1.7	2.2	-
Medical instruments and supplies	384	41.2	40.9	40.6	40.9	-	2.9	2.8	2.7	2.8	-
Surgical and medical instruments	3841	42.2	41.7	41.2	41.3	-	2.9	2.7	2.8	2.9	-
Surgical appliances and supplies	3842	40.0	39.8	39.9	40.3	-	2.8	2.7	2.6	2.5	-
Ophthalmic goods	385	38.5	38.5	39.8	40.2	-	2.3	1.8	2.1	2.9	-
Photographic equipment and supplies	386	43.0	43.6	42.3	41.0	-	4.1	4.4	4.5	4.2	-
Watches, clocks, watchcases, and parts	387	38.5	37.9	38.2	43.4	-	1.0	1.4	2.3	3.4	-
Miscellaneous manufacturing industries	39	39.9	39.4	38.9	39.7	39.9	2.8	2.7	2.5	2.9	-
Jewelry, silverware, and plated ware	391	38.2	38.1	36.3	37.8	-	2.3	2.8	1.0	1.8	-
Jewelry, precious metal	3911	37.6	37.6	35.7	37.4	-	2.3	2.9	1.0	1.6	-
Musical instruments	393	38.8	39.1	38.5	39.1	-	2.0	1.9	1.7	1.7	-
Toys and sporting goods	394	40.5	39.9	39.2	39.7	-	3.1	2.9	2.6	2.8	-
Dolls, games, toys, and children's vehicles	3942,4	40.0	39.3	37.7	38.4	-	3.1	2.8	1.8	2.1	-
Sporting and athletic goods, nec	3949	40.8	40.3	40.1	40.5	-	3.1	2.9	3.2	3.3	-
Pens, pencils, office, and art supplies	395	39.5	39.3	40.9	40.4	-	2.3	2.1	2.9	2.9	-
Costume jewelry and notions	396	41.2	40.6	37.8	40.3	-	3.4	2.9	2.2	3.6	-
Costume jewelry	3961	41.3	41.4	36.8	39.5	-	3.2	3.4	2.0	3.4	-
Miscellaneous manufactures	399	40.1	39.3	39.4	40.1	-	3.0	2.8	2.9	3.3	-
Signs and advertising specialties	3993	40.1	39.9	39.9	40.1	-	3.5	3.5	3.0	3.3	-
Nondurable goods		40.6	40.8	40.3	40.7	40.9	4.1	4.3	3.9	4.2	4.4
Food and kindred products	20	41.1	41.5	40.6	41.2	41.4	5.1	5.3	4.9	5.2	-
Meat products	201	40.4	41.1	40.3	40.5	-	4.5	4.6	4.3	4.3	-
Meat packing plants	2011	41.9	42.5	40.9	41.4	-	5.5	5.7	4.7	4.9	-
Sausages and other prepared meats	2013	41.7	42.6	42.7	42.5	-	5.2	5.5	5.8	5.8	-
Poultry slaughtering and processing	2015	38.9	39.8	39.1	39.2	-	3.6	3.6	3.6	3.5	-
Dairy products	202	41.5	43.2	42.3	41.8	-	4.4	5.5	4.9	4.4	-
Cheese, natural and processed	2022	40.3	41.9	40.2	40.7	-	3.8	4.9	3.2	3.5	-
Fluid milk	2026	42.5	44.7	42.6	42.0	-	4.6	6.1	4.7	4.5	-
Preserved fruits and vegetables	203	41.8	41.6	39.2	41.0	-	6.4	6.2	5.0	6.2	-
Canned specialties	2032	43.7	47.2	42.7	44.8	-	6.9	9.5	5.7	6.5	-
Canned fruits and vegetables	2033	43.3	42.3	39.9	41.9	-	7.3	7.1	5.7	7.2	-
Frozen fruits and vegetables	2037	40.6	40.2	36.9	39.9	-	5.6	5.2	4.8	5.4	-
Grain mill products	204	44.2	45.6	44.5	44.8	-	6.8	8.2	6.6	6.9	-
Flour and other grain mill products	2041	48.4	49.3	47.0	47.4	-	7.4	8.7	6.8	7.4	-
Prepared feeds, nec	2048	44.1	44.9	43.4	43.1	-	6.4	6.7	6.2	6.3	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a
Durable goods—Continued											
Transportation equipment	37	\$15.27	\$15.33	\$15.57	\$15.75	\$15.98	\$639.81	\$630.06	\$650.83	\$672.53	\$683.94
Motor vehicles and equipment	371	15.50	15.53	15.70	15.98	16.31	661.85	642.94	667.25	703.12	719.27
Motor vehicles and car bodies	3711	18.37	18.32	19.11	19.33	-	777.05	732.80	802.62	838.92	-
Truck and bus bodies	3713	14.02	14.20	13.16	13.64	-	600.06	606.34	582.99	598.80	-
Motor vehicle parts and accessories	3714	14.26	14.36	14.39	14.68	-	616.03	608.86	613.01	656.20	-
Truck trailers	3715	9.82	9.75	9.71	9.64	-	409.49	398.78	413.65	407.77	-
Aircraft and parts	372	16.65	16.77	17.26	17.34	-	689.31	690.92	714.56	719.61	-
Aircraft	3721	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$16.38	\$16.34	\$16.60	\$16.51	-	\$686.32	\$689.55	\$723.76	\$721.49	-
Aircraft parts and equipment, nec	3728	14.92	15.13	15.85	15.97	-	610.23	608.23	643.51	667.55	-
Ship and boat building and repairing	373	12.09	12.21	12.38	12.39	-	483.60	487.18	492.72	493.12	-
Ship building and repairing	3731	13.04	13.21	13.43	13.51	-	528.12	533.68	539.89	539.05	-
Boat building and repairing	3732	9.62	9.61	10.00	9.91	-	374.22	369.99	388.00	391.45	-
Railroad equipment	374	14.51	14.54	14.86	14.86	-	596.36	583.05	603.32	628.58	-
Guided missiles, space vehicles, and parts	376	16.05	16.15	16.81	16.84	-	651.63	650.85	706.02	695.49	-
Guided missiles and space vehicles	3761	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Misc. transportation equipment	379	\$10.80	\$10.93	\$11.15	\$11.21	-	\$427.68	\$428.46	\$450.46	\$450.64	-
Travel trailers and campers	3792	10.02	9.98	10.93	11.09	-	398.80	386.23	441.57	436.95	-
Instruments and related products	38	11.90	11.99	12.26	12.25	12.34	486.71	489.19	497.76	499.80	507.17
Search and navigation equipment	381	15.54	15.76	16.20	16.33	-	623.15	641.43	654.48	654.83	-
Measuring and controlling devices	382	11.58	11.63	12.11	12.18	-	473.62	471.02	491.67	499.38	-
Environmental controls	3822	9.92	10.00	10.72	10.59	-	396.80	393.00	424.51	425.72	-
Process control instruments	3823	11.40	11.49	11.63	11.82	-	478.80	477.98	469.85	488.17	-
Instruments to measure electricity	3825	12.29	12.37	13.37	13.49	-	491.60	487.38	546.83	557.14	-
Medical instruments and supplies	384	10.51	10.58	10.85	10.83	-	433.01	432.72	440.51	442.95	-
Surgical and medical instruments	3841	10.71	10.76	10.77	10.70	-	451.96	448.69	443.72	441.91	-
Surgical appliances and supplies	3842	9.96	10.05	10.17	10.13	-	398.40	399.99	405.78	408.24	-
Ophthalmic goods	385	8.51	8.43	8.76	8.84	-	327.64	324.56	348.65	355.37	-
Photographic equipment and supplies	386	14.63	14.70	14.81	14.66	-	629.09	640.92	626.46	601.06	-
Watches, clocks, watchcases, and parts	387	7.96	7.76	8.32	8.17	-	306.46	294.10	317.82	354.58	-
Miscellaneous manufacturing industries	39	9.09	9.15	9.37	9.32	9.42	362.69	360.51	364.49	370.00	375.86
Jewelry, silverware, and plated ware	391	9.53	9.52	9.58	9.60	-	364.05	362.71	347.75	362.88	-
Jewelry, precious metal	3911	9.50	9.46	9.46	9.45	-	357.20	355.70	337.72	353.43	-
Musical instruments	393	8.89	8.87	9.38	9.23	-	344.93	346.82	361.13	360.89	-
Toys and sporting goods	394	8.47	8.64	8.85	8.72	-	343.04	344.74	346.92	346.18	-
Dolls, games, toys, and children's vehicles	3942,4	8.31	8.28	8.49	8.53	-	332.40	325.40	320.07	327.55	-
Sporting and athletic goods, nec	3949	8.57	8.86	9.05	8.83	-	349.66	357.06	362.91	357.62	-
Pens, pencils, office, and art supplies	395	9.90	9.89	10.30	10.29	-	391.05	388.68	421.27	415.72	-
Costume jewelry and notions	396	7.85	7.83	8.39	8.16	-	323.42	317.90	317.14	328.85	-
Costume jewelry	3961	6.96	6.99	7.60	7.24	-	287.45	289.39	279.68	285.98	-
Miscellaneous manufactures	399	9.56	9.61	9.71	9.73	-	383.36	377.67	382.57	390.17	-
Signs and advertising specialties	3993	9.91	10.05	9.90	10.00	-	397.39	401.00	395.01	401.00	-
Nondurable goods		10.72	10.85	11.02	10.97	11.13	435.23	442.68	444.11	446.48	455.22
Food and kindred products	20	10.13	10.22	10.47	10.41	10.51	416.34	424.13	425.08	428.89	435.11
Meat products	201	8.34	8.39	8.52	8.51	-	336.94	344.83	343.36	344.66	-
Meat packing plants	2011	9.21	9.27	9.31	9.34	-	385.90	393.98	380.78	386.68	-
Sausages and other prepared meats	2013	9.64	9.64	9.98	9.89	-	401.99	410.66	426.15	420.33	-
Poultry slaughtering and processing	2015	7.27	7.34	7.48	7.47	-	282.80	292.13	292.47	292.82	-
Dairy products	202	11.33	11.58	11.62	11.65	-	470.20	500.26	491.53	486.97	-
Cheese, natural and processed	2022	10.20	10.44	10.32	10.46	-	411.06	437.44	414.86	425.72	-
Fluid milk	2026	12.04	12.39	12.37	12.35	-	511.70	553.83	526.96	518.70	-
Preserved fruits and vegetables	203	9.51	9.53	10.11	9.97	-	397.52	396.45	396.31	408.77	-
Canned specialties	2032	12.56	12.88	13.22	12.86	-	548.87	607.94	564.49	576.13	-
Canned fruits and vegetables	2033	9.83	9.54	10.45	10.34	-	425.64	403.54	416.96	433.25	-
Frozen fruits and vegetables	2037	8.48	8.50	9.14	8.75	-	344.29	341.70	337.27	349.13	-
Grain mill products	204	12.26	12.51	12.72	12.57	-	541.89	570.46	566.04	563.14	-
Flour and other grain mill products	2041	10.98	10.95	10.65	10.50	-	531.43	539.84	500.55	497.70	-
Prepared feeds, nec	2048	9.80	9.98	10.16	10.13	-	432.18	448.10	440.94	436.60	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	39.7	39.6	39.5	39.7	-	4.4	4.6	4.6	4.7	-
Bread, cake, and related products	2051	39.2	39.1	39.5	39.4	-	4.4	4.8	4.8	4.5	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	40.5	40.6	39.5	40.2	-	4.3	4.3	4.3	5.1	-
Sugar and confectionery products	206	40.8	40.8	40.0	40.8	-	4.4	4.5	3.7	4.4	-
Raw cane sugar	2061	40.3	38.6	45.2	46.2	-	3.8	4.5	5.7	6.4	-
Cane sugar refining	2062	45.5	48.4	46.5	46.5	-	7.9	10.4	8.4	10.0	-
Beet sugar	2063	43.0	42.5	40.5	39.3	-	5.3	6.4	4.6	5.0	-
Candy and other confectionery products	2064	39.2	38.8	39.1	39.5	-	3.9	2.9	3.0	3.4	-
Fats and oils	207	43.5	44.7	43.7	44.1	-	5.8	6.7	6.0	6.2	-
Beverages	208	41.5	41.9	42.7	41.9	-	5.2	5.3	6.1	5.7	-
Malt beverages	2082	42.8	42.5	42.9	42.4	-	6.9	7.3	7.5	7.4	-
Bottled and canned soft drinks	2086	41.1	40.9	43.6	43.0	-	4.7	4.1	6.3	5.9	-
Misc. food and kindred products	209	40.0	40.0	39.7	41.2	-	5.0	4.8	4.8	5.7	-
Tobacco products	21	39.1	38.6	36.0	37.4	38.1	2.1	2.6	2.3	1.9	-
Cigarettes	211	38.7	38.1	35.4	37.2	-	2.2	3.2	2.3	1.7	-
Textile mill products	22	41.4	41.6	40.9	41.7	41.9	4.5	4.4	4.2	4.7	-
Broadwoven fabric mills, cotton	221	42.5	43.7	40.2	42.4	-	6.0	7.1	5.0	6.1	-
Broadwoven fabric mills, synthetics	222	41.7	42.6	41.1	42.0	-	4.4	4.4	3.9	4.5	-
Broadwoven fabric mills, wool	223	40.8	40.3	44.1	43.6	-	6.4	4.4	6.3	5.7	-
Narrow fabric mills	224	40.0	39.5	40.4	40.0	-	3.1	2.7	2.9	3.0	-
Knitting mills	225	40.1	39.5	39.7	40.1	-	3.6	3.1	3.1	3.3	-
Women's hosiery, except socks	2251	38.9	38.1	36.0	37.1	-	3.1	2.6	1.7	1.9	-
Hosiery, nec	2252	38.8	37.0	39.4	39.6	-	2.9	2.1	3.5	3.4	-
Knit outerwear mills	2253	40.6	40.2	40.4	40.6	-	4.0	4.0	3.1	3.2	-
Knit underwear mills	2254	39.6	40.0	40.1	39.9	-	2.3	1.6	2.1	2.5	-
Weft knit fabric mills	2257	41.3	40.7	40.2	40.3	-	4.4	4.0	4.2	3.8	-
Textile finishing, except wool	226	42.8	43.1	42.2	43.2	-	5.6	5.6	5.2	6.0	-
Finishing plants, cotton	2261	42.5	43.5	43.2	43.8	-	5.5	5.8	5.8	6.3	-
Finishing plants, synthetics	2262	42.8	42.8	39.6	42.5	-	5.5	5.6	4.2	5.7	-
Carpets and rugs	227	42.8	43.5	43.4	44.0	-	5.3	4.7	6.0	6.5	-
Yarn and thread mills	228	40.8	41.0	40.1	41.3	-	4.1	3.8	4.1	4.4	-
Yarn spinning mills	2281	41.1	41.5	40.6	41.6	-	4.2	4.0	4.1	4.5	-
Throwing and winding mills	2282	38.4	38.0	36.0	38.0	-	3.2	2.3	3.3	3.3	-
Miscellaneous textile goods	229	42.5	42.8	42.7	43.4	-	4.5	4.5	4.5	5.1	-
Apparel and other textile products	23	37.4	36.7	37.0	37.5	37.0	2.0	1.7	1.7	1.9	-
Men's and boys' suits and coats	231	35.9	35.2	36.6	36.0	-	.9	.8	1.1	1.0	-
Men's and boys' furnishings	232	37.4	36.6	36.9	37.3	-	1.8	1.6	1.5	1.6	-
Men's and boys' shirts	2321	37.3	36.3	35.5	36.2	-	1.4	1.2	1.0	1.1	-
Men's and boys' trousers and slacks	2325	36.8	36.0	37.6	37.0	-	1.8	1.5	1.9	1.7	-
Men's and boys' work clothing	2326	37.5	36.6	37.2	37.5	-	1.9	1.6	1.3	1.6	-
Women's and misses' outerwear	233	36.7	35.7	36.3	36.5	-	1.8	1.5	1.6	1.8	-
Women's and misses' blouses and shirts	2331	35.4	35.1	36.0	35.9	-	1.0	.8	1.3	1.2	-
Women's, juniors', and misses' dresses	2335	36.0	34.7	35.9	36.9	-	1.9	1.5	2.1	2.4	-
Women's and misses' suits and coats	2337	38.0	35.6	37.0	36.9	-	2.2	2.0	1.6	1.7	-
Women's and misses' outerwear, nec	2339	36.8	36.1	36.4	36.4	-	1.9	1.6	1.6	1.7	-
Women's and children's undergarments	234	38.5	37.6	37.0	38.3	-	2.3	2.2	1.8	1.9	-
Women's and children's underwear	2341	39.1	38.3	37.3	38.5	-	2.4	2.3	1.8	2.0	-
Brassieres, girdles, and allied garments	2342	36.0	34.7	35.5	37.6	-	2.0	1.7	1.8	1.5	-
Girls' and children's outerwear	236	36.2	35.6	37.1	36.9	-	1.5	1.3	1.5	1.6	-
Girls' and children's dresses and blouses	2361	34.9	36.0	36.8	36.0	-	1.5	1.5	1.5	1.5	-
Misc. apparel and accessories	238	37.2	36.7	37.3	37.4	-	1.5	1.4	1.3	1.6	-
Misc. fabricated textile products	239	39.0	38.8	37.9	39.5	-	2.8	2.6	2.3	3.2	-
Curtains and draperies	2391	37.6	38.3	36.3	38.9	-	1.8	2.5	1.6	2.6	-
House furnishings, nec	2392	38.7	38.6	36.9	39.8	-	2.8	2.7	2.0	3.4	-
Automotive and apparel trimmings	2396	40.5	40.1	38.3	40.0	-	3.6	3.3	2.2	3.7	-
Paper and allied products	26	43.4	44.4	43.2	43.4	44.0	5.5	6.3	5.4	5.4	-
Paper mills	262	45.0	47.5	44.9	44.6	-	6.2	8.3	6.2	6.0	-
Paperboard mills	263	44.5	46.8	44.6	44.6	-	7.1	8.5	6.7	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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^a	Sept. 1993 ^a
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	\$11.47	\$11.63	\$11.78	\$11.77	-	\$455.36	\$460.55	\$465.31	\$467.27	-
Bread, cake, and related products	2051	11.40	11.57	11.78	11.67	-	446.88	452.39	465.31	459.80	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	11.61	11.74	11.78	11.97	-	470.21	478.64	465.31	481.19	-
Sugar and confectionery products	206	11.14	10.95	11.66	11.55	-	454.51	446.76	466.40	471.24	-
Raw cane sugar	2061	10.69	10.70	10.37	10.68	-	430.81	413.02	468.72	493.42	-
Cane sugar refining	2062	15.19	15.63	16.11	16.37	-	691.15	756.49	749.12	761.21	-
Beet sugar	2063	12.32	11.70	13.00	13.16	-	529.76	497.25	526.50	517.19	-
Candy and other confectionery products	2064	10.25	9.91	10.66	10.41	-	401.80	364.51	416.81	411.20	-
Fats and oils	207	11.03	11.13	11.10	11.09	-	479.81	497.51	485.07	489.07	-
Beverages	208	14.37	14.54	14.60	14.48	-	596.36	609.23	623.42	606.71	-
Malt beverages	2082	19.57	19.80	20.03	19.94	-	837.60	841.50	859.29	845.46	-
Bottled and canned soft drinks	2086	11.70	11.86	12.07	11.92	-	480.87	485.07	526.25	512.56	-
Misc. food and kindred products	209	9.30	9.37	9.40	9.51	-	372.00	374.80	373.18	391.81	-
Tobacco products	21	16.56	16.39	18.62	17.40	\$15.98	647.50	632.65	670.32	650.76	\$608.84
Cigarettes	211	20.96	21.19	21.18	21.16	-	811.15	807.34	749.77	787.15	-
Textile mill products	22	8.61	8.67	8.88	8.92	8.97	356.45	360.67	363.19	371.96	375.84
Broadwoven fabric mills, cotton	221	8.93	9.05	9.30	9.31	-	379.53	395.49	373.86	394.74	-
Broadwoven fabric mills, synthetics	222	9.29	9.39	9.70	9.77	-	387.39	400.01	398.67	410.34	-
Broadwoven fabric mills, wool	223	9.01	9.11	9.40	9.37	-	367.61	367.13	414.54	408.53	-
Narrow fabric mills	224	8.17	8.16	8.24	8.26	-	326.80	322.32	332.90	330.40	-
Knitting mills	225	7.92	7.95	8.09	8.13	-	317.59	314.03	321.17	326.01	-
Women's hosiery, except socks	2251	7.52	7.46	7.53	7.55	-	292.53	284.23	271.08	280.11	-
Hosiery, nec	2252	7.54	7.53	7.79	7.83	-	292.55	278.61	306.93	310.07	-
Knit outerwear mills	2253	7.70	7.81	7.71	7.79	-	312.62	313.96	311.48	316.27	-
Knit underwear mills	2254	7.74	7.80	8.14	8.22	-	306.50	312.00	326.41	327.98	-
Weft knit fabric mills	2257	8.76	8.82	9.16	9.09	-	361.79	358.97	368.23	366.33	-
Textile finishing, except wool	226	9.00	9.02	9.12	9.19	-	385.20	388.76	384.86	397.01	-
Finishing plants, cotton	2261	8.99	8.98	9.10	9.10	-	382.08	390.63	393.12	398.58	-
Finishing plants, synthetics	2262	9.33	9.35	9.53	9.73	-	399.32	400.18	377.39	413.53	-
Carpets and rugs	227	8.57	8.57	8.98	8.98	-	366.80	372.80	389.73	395.12	-
Yarn and thread mills	228	8.33	8.37	8.59	8.61	-	339.86	343.17	344.46	355.59	-
Yarn spinning mills	2281	8.27	8.35	8.54	8.57	-	339.90	346.53	346.72	356.51	-
Throwing and winding mills	2282	8.72	8.63	9.06	9.01	-	334.85	327.94	326.16	342.38	-
Miscellaneous textile goods	229	10.10	10.16	10.43	10.43	-	429.25	434.85	445.36	452.66	-
Apparel and other textile products	23	6.97	7.00	7.02	7.07	7.16	260.68	256.90	259.74	265.13	264.92
Men's and boys' suits and coats	231	7.53	7.59	7.82	7.62	-	270.33	267.17	286.21	274.32	-
Men's and boys' furnishings	232	6.50	6.56	6.68	6.67	-	243.10	240.10	246.49	248.79	-
Men's and boys' shirts	2321	6.49	6.51	6.65	6.63	-	242.08	236.31	236.08	240.01	-
Men's and boys' trousers and slacks	2325	6.36	6.40	6.55	6.51	-	234.05	230.40	246.28	240.87	-
Men's and boys' work clothing	2326	6.31	6.34	6.48	6.43	-	236.63	232.04	241.06	241.13	-
Women's and misses' outerwear	233	6.56	6.63	6.65	6.74	-	240.75	236.69	241.40	246.01	-
Women's and misses' blouses and shirts	2331	6.00	6.03	6.09	6.21	-	212.40	211.65	219.24	222.94	-
Women's, juniors', and misses' dresses	2335	6.95	7.12	7.36	7.33	-	250.20	247.06	264.22	270.48	-
Women's and misses' suits and coats	2337	7.01	7.15	7.03	7.15	-	266.38	254.54	260.11	263.84	-
Women's and misses' outerwear, nec	2339	6.46	6.52	6.52	6.60	-	237.73	235.37	237.33	240.24	-
Women's and children's undergarments	234	6.76	6.87	6.78	6.82	-	260.26	258.31	250.86	261.21	-
Women's and children's underwear	2341	6.58	6.70	6.58	6.65	-	257.28	256.61	245.43	256.03	-
Brassieres, girdles, and allied garments	2342	7.66	7.71	7.69	7.57	-	275.76	267.54	273.00	284.63	-
Girls' and children's outerwear	236	6.33	6.31	6.38	6.40	-	229.15	224.64	236.70	236.16	-
Girls' and children's dresses and blouses	2361	6.32	6.31	6.29	6.41	-	220.57	227.16	231.47	230.76	-
Misc. apparel and accessories	236	6.79	6.82	6.78	6.91	-	252.59	250.29	252.89	258.43	-
Misc. fabricated textile products	239	8.36	8.26	8.06	8.20	-	326.04	320.49	305.47	323.90	-
Curtains and draperies	2391	7.05	7.09	7.25	7.13	-	265.08	271.55	263.18	277.36	-
House furnishings, nec	2392	7.12	7.13	7.25	7.35	-	275.54	275.22	267.53	292.53	-
Automotive and apparel trimmings	2396	11.24	11.00	9.80	10.23	-	455.22	441.10	375.34	409.20	-
Paper and allied products	26	13.05	13.33	13.50	13.41	13.72	566.37	591.85	583.20	581.99	603.68
Paper mills	262	16.06	16.49	16.74	16.67	-	722.70	783.28	751.63	743.48	-
Paperboard mills	263	16.16	16.60	16.80	16.76	-	719.12	776.88	749.28	747.50	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ²	Sept. 1993 ²	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ²	Sept. 1993 ²
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	43.3	43.0	43.1	43.5	-	5.4	5.4	5.3	5.4	-
Corrugated and solid fiber boxes	2653	44.2	44.0	43.6	44.6	-	5.9	6.1	5.7	6.2	-
Sanitary food containers	2656	42.0	40.7	43.6	42.7	-	4.3	3.6	5.5	4.5	-
Folding paperboard boxes	2657	42.9	42.9	42.9	42.8	-	5.7	5.5	5.1	4.9	-
Misc. converted paper products	267	42.1	42.6	41.7	42.2	-	4.5	5.0	4.6	4.7	-
Paper, coated and laminated, nec	2672	42.8	42.4	41.7	42.5	-	4.0	4.0	3.6	3.9	-
Bags: plastics, laminated, and coated	2673	41.8	43.4	41.8	42.4	-	4.9	6.3	5.3	5.2	-
Envelopes	2677	41.0	41.0	40.6	41.5	-	3.8	3.8	3.4	3.7	-
Printing and publishing	27	38.3	38.6	38.1	38.3	38.7	3.2	3.4	2.9	3.2	-
Newspapers	271	33.0	33.7	32.8	32.9	-	1.1	1.4	1.1	1.2	-
Periodicals	272	38.1	38.3	37.4	37.5	-	3.0	3.5	2.3	2.2	-
Books	273	39.9	39.6	40.0	39.9	-	3.5	3.6	3.6	3.8	-
Book publishing	2731	38.7	38.0	39.4	38.9	-	2.0	2.0	2.3	2.2	-
Book printing	2732	41.3	41.6	40.7	41.0	-	5.2	5.5	5.0	5.6	-
Miscellaneous publishing	274	35.9	35.6	37.0	37.2	-	2.2	1.8	1.8	2.2	-
Commercial printing	275	40.1	40.6	39.6	39.9	-	4.0	4.5	3.6	4.0	-
Commercial printing, lithographic	2752	40.2	40.8	39.5	39.9	-	4.0	4.6	3.4	4.0	-
Commercial printing, nec	2759	39.3	39.5	39.5	39.5	-	3.5	3.8	3.5	3.4	-
Manifold business forms	276	41.3	41.1	41.7	41.5	-	3.7	3.6	4.4	4.2	-
Blankbooks and bookbinding	278	38.4	38.4	38.6	39.4	-	2.7	2.6	2.0	2.6	-
Printing trade services	279	39.6	39.2	39.0	39.6	-	4.5	4.2	4.1	4.2	-
Chemicals and allied products	28	42.8	43.4	43.0	43.0	43.4	4.9	5.1	4.8	4.8	-
Industrial inorganic chemicals	281	42.9	43.9	43.6	43.3	-	5.2	6.1	5.3	4.8	-
Industrial inorganic chemicals, nec	2819	42.9	43.6	43.5	43.1	-	5.2	6.1	5.8	5.0	-
Plastics materials and synthetics	282	43.6	45.1	43.9	43.7	-	5.9	6.4	5.9	5.9	-
Plastics materials and resins	2821	43.9	45.6	44.5	44.1	-	6.2	7.1	6.4	6.2	-
Organic fibers, noncellulosic	2824	43.8	45.0	43.3	43.5	-	5.4	5.0	5.1	5.5	-
Drugs	283	41.7	42.2	41.2	41.4	-	4.0	4.0	3.7	3.7	-
Pharmaceutical preparations	2834	41.6	41.9	40.9	41.3	-	3.9	4.0	3.6	3.6	-
Soap, cleaners, and toilet goods	284	41.4	40.8	42.2	41.6	-	4.1	3.7	3.7	3.8	-
Soap and other detergents	2841	42.2	41.5	43.4	42.3	-	5.5	5.0	4.6	4.8	-
Polishing, sanitation, and finishing preparations	2842,3	42.1	40.8	41.2	41.4	-	4.2	3.5	4.1	4.4	-
Toilet preparations	2844	40.6	40.4	42.1	41.4	-	3.2	3.0	2.9	3.0	-
Paints and allied products	285	42.0	41.5	42.9	43.0	-	3.7	3.1	4.8	4.8	-
Industrial organic chemicals	286	44.9	46.4	45.0	45.1	-	6.2	6.8	6.0	5.9	-
Cyclic crudes and intermediates	2865	44.5	45.8	43.6	44.3	-	6.8	8.2	7.0	7.6	-
Industrial organic chemicals, nec	2869	45.0	46.5	45.3	45.3	-	6.1	6.4	5.8	5.5	-
Agricultural chemicals	287	44.0	46.5	44.0	44.4	-	5.5	6.5	5.3	5.9	-
Miscellaneous chemical products	289	42.4	42.2	42.8	42.7	-	4.3	4.3	4.7	4.6	-
Petroleum and coal products	29	43.4	43.8	44.1	44.1	44.5	6.1	6.2	6.1	6.0	-
Petroleum refining	291	42.7	43.2	43.6	43.4	-	5.1	5.3	5.0	4.8	-
Asphalt paving and roofing materials	295	46.4	46.7	46.3	47.2	-	10.0	10.2	9.9	10.3	-
Rubber and misc. plastics products	30	41.6	41.6	41.1	41.7	41.8	4.2	4.2	4.1	4.4	-
Tires and inner tubes	301	44.1	45.5	42.9	43.8	-	6.4	6.9	6.4	6.8	-
Rubber and plastics footwear	302	42.6	42.4	42.6	42.5	-	3.7	3.1	4.7	3.8	-
Hose, belting, gaskets, and packing	305	40.9	41.1	40.8	41.5	-	3.7	3.8	3.7	4.1	-
Rubber and plastics hose and belting	3052	42.1	41.2	41.8	42.4	-	4.3	4.4	4.6	4.6	-
Fabricated rubber products, nec	306	41.8	40.9	40.1	41.0	-	3.8	3.3	3.2	3.7	-
Miscellaneous plastics products, nec	308	41.3	41.2	41.1	41.6	-	4.0	4.0	4.0	4.2	-
Leather and leather products	31	38.3	37.7	38.2	38.5	38.3	2.3	2.1	2.2	2.5	-
Leather tanning and finishing	311	43.1	42.5	40.8	41.2	-	6.0	5.2	4.8	5.0	-
Footwear, except rubber	314	37.7	36.8	38.0	38.1	-	1.7	1.6	1.8	1.9	-
Men's footwear, except athletic	3143	37.9	36.4	36.7	37.6	-	2.1	2.2	1.6	2.0	-
Women's footwear, except athletic	3144	37.1	36.2	39.6	38.0	-	1.4	1.0	1.9	1.8	-
Luggage	316	38.1	39.7	38.7	38.8	-	2.2	2.3	2.3	2.6	-
Handbags and personal leather goods	317	37.5	37.3	36.8	38.2	-	1.4	1.8	.9	1.9	-
Transportation and public utilities		39.6	39.1	40.0	40.4	40.0	-	-	-	-	-
Railroad transportation:											
Class I railroads ³	4011	45.0	45.1	46.6	47.1	-	-	-	-	-	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	\$11.03	\$11.09	\$11.40	\$11.34	-	\$477.60	\$476.87	\$491.34	\$493.29	-
Corrugated and solid fiber boxes	2653	11.13	11.17	11.51	11.45	-	491.95	491.48	501.84	510.67	-
Sanitary food containers	2656	10.98	11.06	11.25	11.28	-	461.16	450.14	490.50	481.66	-
Folding paperboard boxes	2657	11.66	11.71	11.93	11.88	-	500.21	502.36	511.80	508.46	-
Misc. converted paper products	267	11.50	11.67	11.80	11.78	-	484.15	497.14	492.06	497.12	-
Paper, coated and laminated, nec	2672	13.01	13.35	13.50	13.36	-	556.83	566.04	562.95	567.80	-
Bags: plastics, laminated, and coated	2673	10.90	11.21	11.36	11.16	-	455.62	486.51	474.85	473.18	-
Envelopes	2677	10.83	10.75	10.87	10.90	-	444.03	440.75	441.32	452.35	-
Printing and publishing	27	11.79	11.92	11.91	11.97	\$12.11	451.56	460.11	453.77	458.45	\$468.66
Newspapers	271	11.63	11.93	11.87	11.81	-	383.79	402.04	389.34	388.55	-
Periodicals	272	12.80	12.72	13.29	13.34	-	487.68	487.18	497.05	500.25	-
Books	273	10.84	11.02	11.05	11.11	-	432.52	436.39	442.00	443.29	-
Book publishing	2731	10.50	10.65	10.70	10.66	-	406.35	404.70	421.58	414.67	-
Book printing	2732	11.21	11.42	11.44	11.57	-	462.97	475.07	465.61	474.37	-
Miscellaneous publishing	274	11.30	11.45	11.12	11.38	-	405.67	407.62	411.44	423.34	-
Commercial printing	275	12.00	12.11	12.04	12.15	-	481.20	491.67	476.78	484.79	-
Commercial printing, lithographic	2752	12.03	12.14	12.15	12.28	-	483.61	495.31	479.93	489.97	-
Commercial printing, nec	2759	11.81	11.89	11.64	11.69	-	464.13	469.66	459.78	461.76	-
Manifold business forms	276	12.56	12.59	12.61	12.59	-	518.73	517.45	525.84	522.49	-
Blankbooks and bookbinding	278	9.18	9.33	9.24	9.32	-	352.51	358.27	356.66	367.21	-
Printing trade services	279	14.32	14.37	14.68	14.53	-	567.07	563.30	572.52	575.39	-
Chemicals and allied products	28	14.53	14.70	14.82	14.81	15.03	621.88	637.98	637.26	636.83	652.30
Industrial inorganic chemicals	281	15.97	16.06	16.43	16.42	-	685.11	705.03	716.35	710.99	-
Industrial inorganic chemicals, nec	2819	16.22	16.30	16.83	16.91	-	695.84	710.68	732.11	728.82	-
Plastics materials and synthetics	282	15.42	15.71	15.21	15.13	-	672.31	708.52	667.72	661.18	-
Plastics materials and resins	2821	15.80	16.17	16.38	16.31	-	693.62	737.35	728.91	719.27	-
Organic fibers, noncellulosic	2824	14.80	15.05	13.89	13.85	-	648.24	677.25	601.44	602.48	-
Drugs	283	14.11	14.23	14.76	14.72	-	588.39	600.51	608.11	609.41	-
Pharmaceutical preparations	2834	14.17	14.22	14.84	14.77	-	589.47	595.82	606.96	610.00	-
Soap, cleaners, and toilet goods	284	11.92	11.95	12.16	12.22	-	493.49	487.56	513.15	508.35	-
Soap and other detergents	2841	15.51	15.80	15.80	15.76	-	654.52	655.70	685.72	666.65	-
Polishing, sanitation, and finishing preparations	2842,3	10.91	10.93	11.66	11.76	-	459.31	445.94	480.39	486.86	-
Toilet preparations	2844	10.31	10.19	10.35	10.46	-	418.59	411.68	435.74	433.04	-
Paints and allied products	285	12.55	12.56	12.66	12.53	-	527.10	521.24	543.11	538.79	-
Industrial organic chemicals	286	17.38	17.62	17.68	17.76	-	780.36	817.57	795.80	800.98	-
Cyclic crudes and intermediates	2865	17.05	17.21	17.34	17.56	-	758.73	788.22	756.02	777.91	-
Industrial organic chemicals, nec	2869	17.63	17.89	17.90	17.95	-	793.35	631.89	810.87	813.14	-
Agricultural chemicals	287	14.92	15.14	15.22	15.28	-	656.48	704.01	669.68	678.43	-
Miscellaneous chemical products	289	13.10	13.20	13.61	13.49	-	555.44	557.04	582.51	576.02	-
Petroleum and coal products	29	17.76	17.98	18.43	18.35	18.89	770.78	787.52	812.76	809.24	840.61
Petroleum refining	291	19.47	19.77	20.38	20.25	-	831.37	854.06	888.57	878.85	-
Asphalt paving and roofing materials	295	13.50	13.50	13.90	14.06	-	626.40	630.45	643.57	663.63	-
Rubber and misc. plastics products	30	10.38	10.45	10.61	10.55	10.68	431.81	434.72	436.07	439.94	446.42
Tires and inner tubes	301	16.78	16.93	17.53	17.45	-	740.00	770.32	752.04	764.31	-
Rubber and plastics footwear	302	7.53	7.54	7.59	7.58	-	320.78	319.70	323.33	322.15	-
Hose, belting, gaskets, and packing	305	10.29	10.28	10.61	10.51	-	420.86	422.51	432.89	436.17	-
Rubber and plastics hose and belting	3052	10.24	10.29	10.88	10.74	-	431.10	423.95	454.78	455.38	-
Fabricated rubber products, nec	306	9.77	9.78	10.02	10.03	-	408.39	400.00	401.80	411.23	-
Miscellaneous plastics products, nec	308	9.67	9.71	9.85	9.79	-	399.37	400.05	404.84	407.26	-
Leather and leather products	31	7.39	7.38	7.55	7.62	7.67	283.04	278.23	288.41	293.37	293.76
Leather tanning and finishing	311	9.65	9.67	9.89	10.05	-	415.92	410.98	403.51	414.06	-
Footwear, except rubber	314	6.99	7.00	7.13	7.19	-	263.52	257.60	270.94	273.94	-
Men's footwear, except athletic	3143	7.65	7.65	7.71	7.74	-	289.94	278.46	282.96	291.02	-
Women's footwear, except athletic	3144	6.46	6.49	6.60	6.66	-	239.67	234.94	261.36	253.08	-
Luggage	316	7.72	7.49	7.54	7.81	-	294.13	297.35	291.80	303.03	-
Handbags and personal leather goods	317	6.47	6.48	6.89	6.88	-	242.63	241.70	253.55	262.82	-
Transportation and public utilities		13.49	13.59	13.65	13.66	13.71	534.20	531.37	546.00	551.86	548.40
Railroad transportation:											
Class I railroads ³	4011	16.41	16.62	17.01	17.11	-	738.45	749.56	792.67	805.88	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	36.0	33.5	34.7	35.3	-	-	-	-	-	
Local and suburban transportation	411	39.2	38.5	38.2	38.4	-	-	-	-	-	
Intercity and rural bus transportation	413	39.3	37.9	40.2	39.3	-	-	-	-	-	
Trucking and warehousing	42	39.3	38.6	39.1	39.8	-	-	-	-	-	
Trucking and courier services, except air	421	39.3	38.5	39.0	39.7	-	-	-	-	-	
Public warehousing and storage	422	39.9	39.9	39.7	40.5	-	-	-	-	-	
Water transportation:											
Water transportation services	449	35.3	35.0	35.6	36.4	-	-	-	-	-	
Pipelines, except natural gas	46	41.8	40.3	41.4	42.9	-	-	-	-	-	
Transportation services	47	37.5	36.7	36.9	38.0	-	-	-	-	-	
Passenger transportation arrangement	472	37.1	36.2	36.1	37.0	-	-	-	-	-	
Travel agencies	4724	37.0	36.1	36.1	37.0	-	-	-	-	-	
Freight transportation arrangement	473	37.7	36.9	37.6	39.0	-	-	-	-	-	
Communications	48	39.8	40.2	40.0	40.2	-	-	-	-	-	
Telephone communications	481	41.2	41.8	41.7	41.9	-	-	-	-	-	
Telephone communications, except radio	4813	41.2	41.9	41.8	41.9	-	-	-	-	-	
Radio and television broadcasting	483	35.5	35.1	34.5	35.1	-	-	-	-	-	
Cable and other pay television services	484	39.3	39.8	39.2	39.3	-	-	-	-	-	
Electric, gas, and sanitary services	49	41.9	42.1	42.5	42.4	-	-	-	-	-	
Electric services	491	41.7	42.1	42.3	42.4	-	-	-	-	-	
Gas production and distribution	492	42.4	41.9	42.3	42.6	-	-	-	-	-	
Combination utility services	493	41.9	41.8	43.3	42.0	-	-	-	-	-	
Sanitary services	495	42.7	43.5	43.0	42.9	-	-	-	-	-	
Wholesale trade		38.5	38.1	38.3	38.4	38.2	-	-	-	-	
Durable goods	50	39.0	38.6	38.9	39.2	-	-	-	-	-	
Motor vehicles, parts, and supplies	501	38.4	38.0	38.8	38.6	-	-	-	-	-	
Furniture and home furnishings	502	37.0	36.8	37.1	37.8	-	-	-	-	-	
Lumber and other construction materials	503	40.5	39.9	40.3	40.4	-	-	-	-	-	
Professional and commercial equipment	504	39.3	38.9	39.0	39.4	-	-	-	-	-	
Medical and hospital equipment	5047	37.7	37.6	38.2	38.4	-	-	-	-	-	
Metals and minerals, except petroleum	505	40.1	39.7	40.5	40.9	-	-	-	-	-	
Electrical goods	506	38.8	38.4	38.2	38.6	-	-	-	-	-	
Hardware, plumbing, and heating equipment	507	39.1	38.4	38.8	39.2	-	-	-	-	-	
Machinery, equipment, and supplies	508	39.7	39.1	39.6	39.8	-	-	-	-	-	
Misc. wholesale trade durable goods	509	37.2	37.0	37.2	37.5	-	-	-	-	-	
Nondurable goods	51	37.8	37.5	37.5	37.5	-	-	-	-	-	
Paper and paper products	511	37.2	36.6	36.2	36.7	-	-	-	-	-	
Drugs, proprietaries, and sundries	512	37.5	37.1	37.1	37.3	-	-	-	-	-	
Apparel, piece goods, and notions	513	37.3	36.9	36.4	37.1	-	-	-	-	-	
Groceries and related products	514	38.6	38.6	38.6	38.2	-	-	-	-	-	
Farm-product raw materials	515	35.7	35.6	36.0	35.5	-	-	-	-	-	
Chemicals and allied products	516	40.3	39.9	39.9	40.3	-	-	-	-	-	
Petroleum and petroleum products	517	38.3	37.9	37.7	37.8	-	-	-	-	-	
Beer, wine, and distilled beverages	518	37.3	37.1	37.7	37.4	-	-	-	-	-	
Misc. wholesale trade nondurable goods	519	36.6	36.3	36.5	36.6	-	-	-	-	-	
Retail trade		29.6	29.0	29.6	29.7	28.9	-	-	-	-	
Building materials and garden supplies	52	37.1	36.5	37.2	37.1	-	-	-	-	-	
Lumber and other building materials	521	38.9	38.4	39.1	39.0	-	-	-	-	-	
Paint, glass, and wallpaper stores	523	36.8	36.4	36.6	37.2	-	-	-	-	-	
Hardware stores	525	33.3	32.3	33.1	33.1	-	-	-	-	-	
Retail nurseries and garden stores	526	34.8	34.2	34.6	34.0	-	-	-	-	-	
General merchandise stores	53	29.5	30.5	29.6	29.6	-	-	-	-	-	
Department stores	531	29.5	30.7	29.7	29.7	-	-	-	-	-	

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	\$10.05	\$9.97	\$10.05	\$10.08	-	\$361.80	\$334.00	\$348.74	\$355.82	-
Local and suburban transportation	411	10.51	10.64	10.62	10.66	-	411.99	409.64	405.68	409.34	-
Intercity and rural bus transportation	413	13.36	13.26	12.75	12.74	-	525.05	502.55	512.55	500.68	-
Trucking and warehousing	42	12.10	12.18	12.27	12.30	-	475.53	470.15	479.76	489.54	-
Trucking and courier services, except air	421	12.26	12.35	12.43	12.48	-	481.82	475.48	484.77	495.46	-
Public warehousing and storage	422	9.95	10.03	10.12	9.94	-	397.01	400.20	401.76	402.57	-
Water transportation:											
Water transportation services	449	16.35	16.84	16.71	16.69	-	577.16	589.40	594.88	607.52	-
Pipelines, except natural gas	46	18.56	18.79	19.16	19.34	-	775.81	757.24	793.22	829.69	-
Transportation services	47	10.84	10.89	11.06	11.09	-	406.50	399.66	408.11	421.42	-
Passenger transportation arrangement	472	9.93	10.09	10.15	10.29	-	368.40	365.26	366.42	380.73	-
Travel agencies	4724	9.93	10.06	10.07	10.27	-	367.41	363.17	363.53	379.99	-
Freight transportation arrangement	473	12.08	11.99	12.37	12.25	-	455.42	442.43	465.11	477.75	-
Communications	48	14.46	14.76	14.90	15.01	-	575.51	593.35	596.00	603.40	-
Telephone communications	481	15.16	15.50	15.56	15.74	-	624.59	647.90	648.85	659.51	-
Telephone communications, except radio	4813	15.31	15.66	15.72	15.91	-	630.77	656.15	657.10	666.63	-
Radio and television broadcasting	483	13.79	14.01	14.27	14.24	-	489.55	491.75	492.32	499.82	-
Cable and other pay television services	484	10.99	11.16	11.61	11.54	-	431.91	444.17	455.11	453.52	-
Electric, gas, and sanitary services	49	16.10	16.28	16.74	16.67	-	674.59	685.39	711.45	706.81	-
Electric services	491	16.68	16.92	17.38	17.36	-	695.56	712.33	735.17	736.06	-
Gas production and distribution	492	15.40	15.60	16.10	16.16	-	652.96	653.64	681.03	688.42	-
Combination utility services	493	19.00	19.14	19.95	19.79	-	796.10	800.05	863.84	831.18	-
Sanitary services	495	12.00	12.10	12.11	12.03	-	512.40	526.35	520.73	516.09	-
Wholesale trade		11.42	11.44	11.71	11.72	\$11.75	439.67	435.86	448.49	450.05	\$448.85
Durable goods	50	11.75	11.75	12.05	12.07	-	458.25	453.55	468.75	473.14	-
Motor vehicles, parts, and supplies	501	10.41	10.40	10.65	10.62	-	399.74	395.20	413.22	409.93	-
Furniture and home furnishings	502	10.33	10.35	10.68	10.65	-	382.21	380.88	396.23	402.57	-
Lumber and other construction materials	503	11.05	11.01	11.15	11.17	-	447.53	439.30	449.35	451.27	-
Professional and commercial equipment	504	13.91	13.96	14.55	14.59	-	546.66	543.04	567.45	574.85	-
Medical and hospital equipment	5047	12.79	12.68	13.13	13.31	-	482.18	476.77	501.57	511.10	-
Metals and minerals, except petroleum	505	11.82	11.83	12.05	12.08	-	473.98	469.65	488.03	494.07	-
Electrical goods	506	12.14	12.08	12.53	12.59	-	471.03	463.87	478.65	485.97	-
Hardware, plumbing, and heating equipment	507	11.21	11.16	11.32	11.41	-	438.31	428.54	439.22	447.27	-
Machinery, equipment, and supplies	508	11.74	11.76	11.91	11.96	-	466.08	459.82	471.64	476.01	-
Misc. wholesale trade durable goods	509	9.14	9.19	9.52	9.46	-	340.01	340.03	354.14	354.75	-
Nondurable goods	51	10.97	11.03	11.24	11.24	-	414.67	413.63	421.50	421.50	-
Paper and paper products	511	11.53	11.58	11.87	11.90	-	428.92	423.83	429.69	436.73	-
Drugs, proprietaries, and sundries	512	13.09	13.07	13.37	13.44	-	490.88	484.90	496.03	501.31	-
Apparel, piece goods, and notions	513	10.56	10.56	10.98	10.80	-	393.89	389.66	399.67	400.68	-
Groceries and related products	514	11.08	11.23	11.49	11.49	-	427.69	433.48	443.51	438.92	-
Farm-product raw materials	515	8.16	8.24	8.35	8.38	-	291.31	293.34	300.60	297.49	-
Chemicals and allied products	516	13.17	13.30	13.22	13.17	-	530.75	530.67	527.48	530.75	-
Petroleum and petroleum products	517	10.56	10.60	10.57	10.63	-	404.45	401.74	398.49	401.81	-
Beer, wine, and distilled beverages	518	12.88	12.79	13.10	12.91	-	480.42	474.51	493.87	482.83	-
Misc. wholesale trade nondurable goods	519	9.35	9.40	9.46	9.51	-	342.21	341.22	345.29	348.07	-
Retail trade		7.09	7.21	7.24	7.23	7.31	209.86	209.09	214.30	214.73	211.26
Building materials and garden supplies	52	8.44	8.49	8.60	8.63	-	313.12	309.89	319.92	320.17	-
Lumber and other building materials	521	8.81	8.85	8.94	8.97	-	342.71	339.84	349.55	349.83	-
Paint, glass, and wallpaper stores	523	8.97	8.98	9.21	9.28	-	330.10	326.87	337.09	345.22	-
Hardware stores	525	7.19	7.28	7.38	7.36	-	239.43	235.14	244.28	243.62	-
Retail nurseries and garden stores	526	7.40	7.44	7.59	7.59	-	257.52	254.45	262.61	258.06	-
General merchandise stores	53	7.18	7.29	7.27	7.29	-	211.81	222.35	215.19	215.78	-
Department stores	531	7.23	7.33	7.26	7.28	-	213.29	225.03	215.62	216.22	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Retail trade—Continued											
General merchandise stores—Continued											
Variety stores	533	28.3	28.3	28.3	28.4	-	-	-	-	-	-
Misc. general merchandise stores	539	30.3	29.9	29.7	30.0	-	-	-	-	-	-
Food stores											
Grocery stores	54	30.4	30.7	30.8	30.5	-	-	-	-	-	-
Retail bakeries	541	30.6	31.0	31.0	30.6	-	-	-	-	-	-
	546	29.3	28.2	29.0	29.6	-	-	-	-	-	-
Automotive dealers and service stations											
New and used car dealers	55	36.5	35.8	36.5	36.6	-	-	-	-	-	-
Auto and home supply stores	551	37.8	37.1	37.6	37.7	-	-	-	-	-	-
Gasoline service stations	553	38.8	37.9	38.7	38.6	-	-	-	-	-	-
Automotive dealers, nec	554	33.8	33.1	33.8	34.1	-	-	-	-	-	-
	559	34.9	34.2	33.7	34.3	-	-	-	-	-	-
Apparel and accessory stores											
Men's and boys' clothing stores	56	27.4	26.7	26.9	27.3	-	-	-	-	-	-
Women's clothing stores	561	29.4	29.0	29.4	29.8	-	-	-	-	-	-
Family clothing stores	562	24.7	24.1	24.4	24.5	-	-	-	-	-	-
Shoe stores	565	28.4	27.8	28.1	28.5	-	-	-	-	-	-
	566	29.5	28.1	27.8	28.3	-	-	-	-	-	-
Furniture and home furnishings stores											
Furniture and home furnishings stores	57	33.6	33.0	33.3	33.5	-	-	-	-	-	-
Household appliance stores	571	33.6	33.2	33.3	33.6	-	-	-	-	-	-
Radio, television, and computer stores	572	34.4	33.8	34.6	34.3	-	-	-	-	-	-
Record and prerecorded tape stores	573	33.4	32.6	32.9	33.1	-	-	-	-	-	-
	5731	32.9	32.1	32.8	32.6	-	-	-	-	-	-
	5735	29.2	27.9	29.2	29.8	-	-	-	-	-	-
Eating and drinking places ⁴	58	26.3	24.8	26.1	26.5	-	-	-	-	-	-
Miscellaneous retail establishments											
Drug stores and proprietary stores	59	30.4	29.8	30.3	30.4	-	-	-	-	-	-
Used merchandise stores	591	28.6	28.4	28.5	28.7	-	-	-	-	-	-
Miscellaneous shopping goods stores	593	32.8	32.2	32.5	32.9	-	-	-	-	-	-
Nonstore retailers	594	29.2	28.1	29.3	29.5	-	-	-	-	-	-
Fuel dealers	596	34.2	33.9	34.0	33.9	-	-	-	-	-	-
Retail stores, nec	598	37.3	37.2	37.3	37.4	-	-	-	-	-	-
	599	31.5	31.0	31.6	31.3	-	-	-	-	-	-
Finance, insurance, and real estate⁵		36.3	35.5	35.6	36.3	35.4	-	-	-	-	-
Depository institutions											
Commercial banks	60	36.1	35.0	35.2	36.1	-	-	-	-	-	-
State commercial banks	602	35.9	34.7	35.1	36.0	-	-	-	-	-	-
National and commercial banks, nec	6022,9	36.4	35.2	35.7	36.5	-	-	-	-	-	-
Credit unions	6021,9	35.5	34.4	34.6	35.6	-	-	-	-	-	-
	606	36.3	35.6	35.6	36.1	-	-	-	-	-	-
Nondepository institutions											
Personal credit institutions	61	38.5	37.6	37.1	38.4	-	-	-	-	-	-
	614	38.2	38.0	36.8	38.5	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services	628	36.8	36.3	35.7	35.8	-	-	-	-	-	-
Insurance carriers											
Life insurance	63	37.9	37.6	37.7	38.3	-	-	-	-	-	-
Medical service and health insurance	631	37.5	37.2	37.5	37.9	-	-	-	-	-	-
Hospital and medical service plans	632	38.3	38.1	38.3	38.7	-	-	-	-	-	-
Fire, marine, and casualty insurance	6324	38.0	37.9	38.3	38.4	-	-	-	-	-	-
	633	37.7	37.4	37.4	37.8	-	-	-	-	-	-
Services		33.0	32.2	32.8	33.1	32.4	-	-	-	-	-
Agricultural services											
Veterinary services	07	35.3	34.2	35.2	34.9	-	-	-	-	-	-
Landscape and horticultural services	074	30.1	28.6	30.0	29.8	-	-	-	-	-	-
	078	37.6	36.6	37.4	37.0	-	-	-	-	-	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	32.3	31.3	31.7	32.6	-	-	-	-	-	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Retail trade—Continued											
General merchandise stores—Continued											
Variety stores	533	\$6.04	\$6.18	\$6.59	\$6.62	-	\$170.93	\$174.89	\$186.50	\$188.01	-
Misc. general merchandise stores	539	7.58	7.65	7.86	7.87	-	229.67	228.74	233.44	236.10	-
Food stores											
Grocery stores	541	7.62	7.92	7.85	7.83	-	233.17	245.52	243.35	239.60	-
Retail bakeries	546	6.67	6.74	6.92	6.83	-	195.43	190.07	200.68	202.17	-
Automotive dealers and service stations											
New and used car dealers	551	11.80	11.73	12.25	12.25	-	446.04	435.18	460.60	461.83	-
Auto and home supply stores	553	8.14	8.18	8.29	8.32	-	315.83	310.02	320.82	321.15	-
Gasoline service stations	554	6.51	6.56	6.66	6.65	-	220.04	217.14	225.11	226.77	-
Automotive dealers, nec	559	11.00	10.54	10.79	10.98	-	383.90	360.47	363.62	376.61	-
Apparel and accessory stores											
Men's and boys' clothing stores	561	8.33	8.24	8.40	8.17	-	244.90	238.96	246.96	243.47	-
Women's clothing stores	562	6.41	6.59	6.67	6.65	-	158.33	158.82	162.75	162.93	-
Family clothing stores	565	6.62	6.68	6.79	6.72	-	188.01	185.70	190.80	191.52	-
Shoe stores	566	7.05	7.18	7.12	7.05	-	207.98	201.76	197.94	199.52	-
Furniture and home furnishings stores											
Furniture and home furnishings stores	571	9.05	9.06	9.27	9.35	-	304.08	300.79	308.69	314.16	-
Household appliance stores	572	9.61	9.62	9.92	9.97	-	330.58	325.16	343.23	341.97	-
Radio, television, and computer stores	573	9.44	9.48	9.61	9.57	-	315.30	309.05	316.17	316.77	-
Radio, television, and electronic stores	5731	9.11	9.21	9.49	9.53	-	299.72	295.64	311.27	310.68	-
Record and prerecorded tape stores	5735	5.91	5.87	6.08	5.87	-	172.57	163.77	177.54	174.93	-
Eating and drinking places ⁴											
Miscellaneous retail establishments	58	5.28	5.32	5.31	5.33	-	138.86	131.94	138.59	141.25	-
Miscellaneous retail establishments											
Drug stores and proprietary stores	59	7.65	7.76	7.91	7.91	-	232.56	231.25	239.67	240.46	-
Used merchandise stores	591	7.64	7.79	8.09	8.10	-	218.50	221.24	230.57	232.47	-
Miscellaneous shopping goods stores	593	6.56	6.61	6.67	6.61	-	215.17	212.84	216.78	217.47	-
Miscellaneous shopping goods stores	594	7.08	7.22	7.19	7.19	-	206.74	202.88	210.67	212.11	-
Nonstore retailers	596	8.24	8.26	8.72	8.72	-	281.81	280.01	296.48	295.61	-
Fuel dealers	598	10.63	10.65	10.94	10.94	-	396.50	396.18	408.06	409.16	-
Retail stores, nec	599	8.02	8.09	8.19	8.21	-	252.63	250.79	258.80	256.97	-
Finance, insurance, and real estate⁵											
Depository institutions											
Commercial banks	60	8.89	8.90	9.08	9.12	-	320.93	311.50	319.62	329.23	-
State commercial banks	602	8.49	8.49	8.63	8.67	-	304.79	294.60	302.91	312.12	-
National and commercial banks, nec	6022	8.37	8.40	8.48	8.53	-	304.67	295.68	302.74	311.35	-
Credit unions	6021,9	8.57	8.55	8.74	8.77	-	304.24	294.12	302.40	312.21	-
Credit unions	606	8.77	8.73	9.04	9.09	-	318.35	310.79	321.82	328.15	-
Nondepository institutions											
Personal credit institutions	61	11.61	11.62	12.41	12.61	-	446.99	436.91	460.41	484.22	-
Personal credit institutions	614	9.96	9.67	9.92	10.26	-	380.47	367.46	365.06	395.01	-
Security and commodity brokers:											
Security and commodity services	628	15.20	15.17	15.82	15.89	-	559.36	550.67	564.77	568.86	-
Insurance carriers											
Life insurance	63	12.47	12.46	13.10	13.27	-	472.61	468.50	493.87	508.24	-
Medical service and health insurance	631	11.35	11.36	11.94	12.40	-	425.63	422.59	447.75	469.96	-
Hospital and medical service plans	632	11.96	11.89	12.67	12.74	-	458.07	453.01	485.26	493.04	-
Fire, marine, and casualty insurance	6324	12.16	12.07	12.93	13.04	-	462.08	457.45	495.22	500.74	-
Fire, marine, and casualty insurance	633	13.46	13.51	14.14	14.16	-	507.44	505.27	528.84	535.25	-
Services											
Agricultural services											
Veterinary services	07	8.16	8.32	8.32	8.36	-	288.05	284.54	292.86	291.76	-
Landscape and horticultural services	074	7.89	8.10	8.05	8.08	-	237.49	231.66	241.50	240.78	-
Hotels and other lodging places:	078	8.29	8.44	8.45	8.50	-	311.70	308.90	316.03	314.50	-
Hotels and motels ⁴	701	7.20	7.43	7.38	7.35	-	232.56	232.56	233.95	239.61	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Services—Continued											
Personal services:											
Laundry, cleaning, and garment services	721	34.1	33.6	33.9	34.0	-	-	-	-	-	-
Beauty shops ¹	723	28.9	28.1	28.4	29.0	-	-	-	-	-	-
Miscellaneous personal services	729	26.8	25.0	25.9	25.7	-	-	-	-	-	-
Business services											
Advertising	731	36.6	36.4	36.8	37.3	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	37.2	36.9	37.2	37.0	-	-	-	-	-	-
Services to buildings	734	28.7	28.0	28.9	29.3	-	-	-	-	-	-
Miscellaneous equipment rental and leasing	735	39.1	38.7	39.6	40.0	-	-	-	-	-	-
Heavy construction equipment rental	7353	40.1	39.0	40.3	40.9	-	-	-	-	-	-
Personnel supply services:											
Help supply services	7363	31.5	29.5	31.1	31.7	-	-	-	-	-	-
Computer and data processing services	737	38.6	37.8	37.9	38.5	-	-	-	-	-	-
Computer programming services	7371	38.7	38.0	37.9	38.4	-	-	-	-	-	-
Computer integrated systems design	7373	39.9	38.2	37.7	38.2	-	-	-	-	-	-
Information retrieval services	7375	39.3	38.9	37.9	38.1	-	-	-	-	-	-
Computer maintenance and repair	7378	38.8	38.9	39.5	39.4	-	-	-	-	-	-
Miscellaneous business services	738	34.2	33.5	33.4	33.8	-	-	-	-	-	-
Detective and armored car services	7381	34.0	33.5	33.7	34.1	-	-	-	-	-	-
Security systems services	7382	37.5	37.5	36.2	36.7	-	-	-	-	-	-
Auto repair, services, and parking											
Automotive rentals, without drivers	751	38.1	37.8	37.8	38.1	-	-	-	-	-	-
Passenger car rental	7514	37.5	37.0	36.9	37.2	-	-	-	-	-	-
Automobile parking	752	33.3	32.9	34.1	33.6	-	-	-	-	-	-
Automotive repair shops	753	38.7	37.7	38.6	38.5	-	-	-	-	-	-
Automotive and tire repair shops	7532,4	37.7	36.9	37.1	37.2	-	-	-	-	-	-
General automotive repair shops	7538	38.6	37.5	38.8	38.5	-	-	-	-	-	-
Automotive services, except repair	754	33.1	31.8	32.6	33.0	-	-	-	-	-	-
Carwashes	7542	31.0	29.8	31.2	31.5	-	-	-	-	-	-
Miscellaneous repair services	76	38.2	37.6	38.5	38.6	-	-	-	-	-	-
Motion pictures											
Motion picture production and services	781	38.1	37.5	37.6	38.1	-	-	-	-	-	-
Amusement and recreation services											
Bowling centers	793	25.1	25.0	24.7	25.2	-	-	-	-	-	-
Misc. amusement and recreation services	799	29.1	26.4	30.1	29.9	-	-	-	-	-	-
Physical fitness facilities	7991	18.7	17.7	18.3	18.7	-	-	-	-	-	-
Membership sports and recreation clubs	7997	29.6	28.8	30.5	30.1	-	-	-	-	-	-
Health services											
Offices and clinics of medical doctors	801	32.3	32.0	32.1	32.6	-	-	-	-	-	-
Offices and clinics of dentists	802	28.5	28.0	28.2	28.4	-	-	-	-	-	-
Offices and clinics of other health practitioners	804	30.3	29.7	29.6	30.0	-	-	-	-	-	-
Nursing and personal care facilities	805	32.8	32.7	32.6	32.8	-	-	-	-	-	-
Intermediate care facilities	8052	32.0	32.0	31.9	32.2	-	-	-	-	-	-
Hospitals	806	34.5	34.3	34.7	34.7	-	-	-	-	-	-
Home health care services	808	28.0	27.3	27.8	28.2	-	-	-	-	-	-
Legal services	81	35.5	34.6	34.7	35.4	-	-	-	-	-	-
Social services											
Individual and family services	832	32.4	32.3	31.9	32.1	-	-	-	-	-	-
Job training and related services	833	31.7	30.6	29.6	30.1	-	-	-	-	-	-
Child day care services	835	30.5	29.2	29.8	30.3	-	-	-	-	-	-
Residential care	836	32.5	32.1	32.2	32.3	-	-	-	-	-	-
Social services, nec	839	31.9	31.8	30.8	31.0	-	-	-	-	-	-
Membership organizations:											
Professional organizations	862	35.7	34.7	34.7	35.9	-	-	-	-	-	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Services—Continued											
Personal services:											
Laundry, cleaning, and garment services	721	\$7.17	\$7.23	\$7.32	\$7.28	-	\$244.50	\$242.93	\$248.15	\$247.52	-
Beauty shops ¹	723	7.68	7.65	7.85	7.85	-	221.95	214.97	222.94	227.65	-
Miscellaneous personal services	729	7.77	7.92	7.69	7.73	-	208.24	198.00	199.17	198.66	-
Business services											
Advertising	731	14.98	14.83	14.81	15.26	-	548.27	539.81	545.01	569.20	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	9.38	9.48	9.54	9.63	-	348.94	349.81	354.89	356.31	-
Services to buildings	734	7.40	7.36	7.57	7.50	-	212.38	206.08	218.77	219.75	-
Miscellaneous equipment rental and leasing											
Heavy construction equipment rental	7353	13.51	13.66	14.38	14.34	-	541.75	532.74	579.51	586.51	-
Personnel supply services:											
Help supply services	7363	8.23	8.23	8.30	8.22	-	259.25	242.79	258.13	260.57	-
Computer and data processing services	737	15.90	15.87	16.26	16.51	-	613.74	599.89	616.25	635.64	-
Computer programming services	7371	18.30	18.49	18.76	19.06	-	708.21	702.62	711.00	731.90	-
Computer integrated systems design	7373	16.66	16.49	17.07	17.30	-	664.73	629.92	643.54	660.86	-
Information retrieval services	7375	13.05	13.00	14.62	14.75	-	512.87	505.70	554.10	561.98	-
Computer maintenance and repair	7378	13.64	13.52	13.90	13.72	-	529.23	525.93	549.05	540.57	-
Miscellaneous business services											
Detective and armored car services	7381	6.71	6.79	6.79	6.75	-	228.14	227.47	228.82	230.18	-
Security systems services	7382	10.16	10.20	10.83	11.03	-	381.00	382.50	392.05	404.80	-
Auto repair, services, and parking											
Automotive rentals, without drivers	751	9.11	9.16	9.20	9.18	-	347.09	346.25	347.76	349.76	-
Passenger car rental	7514	8.09	8.07	8.24	8.36	-	303.38	298.59	304.06	310.99	-
Automobile parking	752	6.85	6.88	6.87	6.93	-	228.11	226.35	234.27	232.85	-
Automotive repair shops	753	10.07	10.06	10.20	10.24	-	389.71	379.26	393.72	394.24	-
Automotive and tire repair shops	7532,4	10.60	10.64	10.76	10.77	-	399.62	392.62	399.20	400.64	-
General automotive repair shops	7538	10.09	10.07	10.22	10.25	-	389.47	377.63	396.54	394.63	-
Automotive services, except repair	754	6.97	7.01	6.90	6.90	-	230.71	222.92	224.94	227.70	-
Carwashes	7542	5.99	6.00	6.03	6.03	-	185.69	178.80	188.14	189.95	-
Miscellaneous repair services	76	10.83	10.82	11.05	11.09	-	413.71	406.83	425.43	428.07	-
Motion pictures	78	11.74	12.61	11.76	12.25	-	334.59	351.82	346.92	362.60	-
Motion picture production and services	781	17.97	18.86	18.12	18.52	-	684.66	707.25	681.31	705.61	-
Amusement and recreation services											
Bowling centers	793	6.61	6.48	6.72	6.72	-	165.91	162.00	165.98	169.34	-
Misc. amusement and recreation services	799	6.98	7.46	7.05	7.10	-	203.12	196.94	212.21	212.29	-
Physical fitness facilities	7991	7.84	7.95	7.84	7.87	-	146.61	140.72	143.47	147.17	-
Membership sports and recreation clubs	7997	7.41	7.73	7.51	7.53	-	219.34	222.62	229.06	226.65	-
Health services											
Offices and clinics of medical doctors	801	11.44	11.53	11.84	11.91	-	369.51	368.96	380.06	388.27	-
Offices and clinics of dentists	802	10.98	11.08	11.38	11.47	-	312.93	310.24	320.92	325.75	-
Offices and clinics of other health practitioners	804	9.98	10.07	10.30	10.32	-	302.39	299.08	304.88	309.60	-
Nursing and personal care facilities	805	7.85	7.97	8.17	8.14	-	257.48	260.62	266.34	266.99	-
Intermediate care facilities	8052	7.25	7.38	7.64	7.59	-	232.00	236.16	243.72	244.40	-
Hospitals	806	13.08	13.23	13.47	13.44	-	451.26	453.79	467.41	466.37	-
Home health care services	808	9.96	10.16	10.46	10.40	-	278.88	277.37	290.79	293.28	-
Legal services	81	15.09	14.94	15.22	15.34	-	535.70	516.92	528.13	543.04	-
Social services											
Individual and family services	832	8.25	8.27	8.38	8.38	-	267.30	267.12	267.32	269.00	-
Job training and related services	833	7.16	7.52	7.54	7.61	-	226.97	230.11	223.18	229.06	-
Child day care services	835	6.38	6.56	6.50	6.50	-	194.59	191.55	193.70	196.95	-
Residential care	836	7.76	7.89	8.02	8.04	-	252.20	253.27	258.24	259.69	-
Social services, nec	839	8.56	8.69	8.60	8.78	-	273.06	276.34	264.88	272.18	-
Membership organizations:											
Professional organizations	862	14.41	14.36	15.04	15.13	-	514.44	498.29	521.89	543.17	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers' on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Services—Continued											
Engineering and management services	87	37.4	36.9	37.0	37.5	-	-	-	-	-	-
Engineering and architectural services	871	39.3	38.9	39.1	39.4	-	-	-	-	-	-
Engineering services	8711	39.6	39.1	39.3	39.6	-	-	-	-	-	-
Architectural services	8712	38.6	38.2	37.9	38.4	-	-	-	-	-	-
Surveying services	8713	37.4	37.7	38.9	39.2	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	872	37.0	36.4	35.8	36.5	-	-	-	-	-	-
Research and testing services	873	37.2	36.5	36.7	37.1	-	-	-	-	-	-
Commercial physical research	8731	39.9	39.5	39.1	39.4	-	-	-	-	-	-
Commercial nonphysical research	8732	29.8	28.8	30.4	30.8	-	-	-	-	-	-
Noncommercial research organizations	8733	37.0	36.3	36.3	36.6	-	-	-	-	-	-
Management and public relations	874	35.7	35.1	35.6	36.1	-	-	-	-	-	-
Public relations services	8743	35.9	34.0	32.5	34.2	-	-	-	-	-	-
Services, nec	89	37.4	37.6	36.7	37.5	-	-	-	-	-	-

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				
		Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Services—Continued											
Engineering and management services	87	\$14.74	\$14.74	\$14.91	\$15.12	-	\$551.28	\$543.91	\$551.67	\$567.00	-
Engineering and architectural services	871	16.04	16.13	16.01	16.18	-	630.37	627.46	625.99	637.49	-
Engineering services	8711	16.63	16.75	16.63	16.81	-	658.55	654.93	653.56	665.68	-
Architectural services	8712	14.87	14.83	14.72	14.85	-	573.98	566.51	557.89	570.24	-
Surveying services	8713	11.05	11.14	11.22	11.36	-	413.27	419.98	436.46	445.31	-
Accounting, auditing, and bookkeeping	872	13.34	13.00	13.24	13.46	-	493.58	473.20	473.99	491.29	-
Research and testing services	873	15.40	15.52	15.87	16.01	-	572.88	566.48	582.43	593.97	-
Commercial physical research	8731	17.45	17.40	17.92	18.06	-	696.26	687.30	700.67	711.56	-
Commercial nonphysical research	8732	11.70	11.98	12.26	12.56	-	348.66	345.02	372.70	386.85	-
Noncommercial research organizations	8733	16.83	17.07	17.41	17.55	-	622.71	619.64	631.98	642.33	-
Management and public relations	874	13.43	13.45	13.73	14.05	-	479.45	472.10	488.79	507.21	-
Public relations services	8743	13.85	13.60	13.83	13.82	-	497.22	462.40	449.48	472.64	-
Services, nec	89	16.01	15.85	15.62	15.70	-	598.77	595.96	573.25	588.75	-

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)			
	July 1992	Aug. 1992	July 1993	Aug. 1993 ^P	July 1992	Aug. 1992	July 1993	Aug. 1993 ^P
Average hourly earnings, excluding lump-sum payments	\$17.65	\$17.85	\$18.38	\$18.54	\$16.54	\$16.52	\$17.40	\$17.43
Average hourly earnings, including lump-sum payments	18.04	18.23	19.02	19.28	16.64	16.60	17.42	17.45

^P = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^P	Sept. 1993 ^P
Manufacturing	\$10.92	\$10.92	\$11.19	\$11.14	\$11.27
Durable goods	11.50	11.58	11.73	11.70	11.83
Lumber and wood products	9.04	9.09	9.18	9.19	(2)
Furniture and fixtures	8.71	8.78	8.94	8.95	(2)
Stone, clay, and glass products	10.94	11.11	11.18	11.12	(2)
Primary metal industries	12.93	13.11	13.22	13.14	(2)
Fabricated metal products	10.91	10.96	11.12	11.10	(2)
Industrial machinery and equipment	11.87	11.93	12.12	12.08	(2)
Electronic and other electrical equipment	10.58	10.60	10.78	10.76	(2)
Transportation equipment	14.59	14.68	14.91	14.90	(2)
Instruments and related products	11.51	11.61	11.88	11.85	(2)
Miscellaneous manufacturing	8.78	8.84	9.08	8.99	(2)
Nondurable goods	10.20	10.31	10.51	10.44	\$10.55
Food and kindred products	9.53	9.61	9.88	9.79	(2)
Tobacco products	16.12	15.86	18.04	16.97	(2)
Textile mill products	8.17	8.24	8.44	8.44	(2)
Apparel and other textile products	6.79	6.84	6.86	6.89	(2)
Paper and allied products	12.28	12.45	12.71	12.62	(2)
Printing and publishing	11.32	11.42	11.48	11.49	(2)
Chemicals and allied products	13.74	13.88	14.03	14.02	(2)
Petroleum and coal products	16.59	16.78	17.24	17.19	(2)
Rubber and misc. plastics products	9.88	9.95	10.10	10.02	(2)
Leather and leather products	7.17	7.18	7.34	7.39	(2)

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				
	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p	Aug. 1992	Sept. 1992	July 1993	Aug. 1993 ^p	Sept. 1993 ^p
Total private:										
Current dollars	\$10.55	\$10.65	\$10.75	\$10.78	\$10.90	\$368.20	\$365.30	\$374.10	\$378.38	\$376.05
Constant (1982) dollars	7.37	7.42	7.33	7.33	(¹)	257.12	254.39	255.18	257.40	(¹)
Mining:										
Current dollars	14.47	14.60	14.48	14.45	\$14.61	643.92	640.94	638.57	650.25	\$650.15
Constant (1982) dollars	10.10	10.17	9.88	9.83	(¹)	449.66	446.34	435.59	442.35	(¹)
Construction:										
Current dollars	14.24	14.22	14.35	14.42	\$14.49	556.78	527.56	566.83	572.47	\$556.42
Constant (1982) dollars	9.94	9.90	9.79	9.81	(¹)	388.81	367.38	386.65	389.44	(¹)
Manufacturing:										
Current dollars	11.45	11.54	11.73	11.72	\$11.87	470.60	473.14	480.93	486.38	\$492.61
Constant (1982) dollars	8.00	8.04	8.00	7.97	(¹)	328.63	329.48	328.06	330.87	(¹)
Transportation and public utilities:										
Current dollars	13.49	13.59	13.65	13.66	\$13.71	534.20	531.37	546.00	551.86	\$548.40
Constant (1982) dollars	9.42	9.46	9.31	9.29	(¹)	373.04	370.03	372.44	375.41	(¹)
Wholesale trade:										
Current dollars	11.42	11.44	11.71	11.72	\$11.75	439.67	435.86	448.49	450.05	\$448.85
Constant (1982) dollars	7.97	7.97	7.99	7.97	(¹)	307.03	303.52	305.93	306.16	(¹)
Retail trade:										
Current dollars	7.09	7.21	7.24	7.23	\$7.31	209.86	209.09	214.30	214.73	\$211.26
Constant (1982) dollars	4.95	5.02	4.94	4.92	(¹)	146.55	145.61	146.18	146.07	(¹)
Finance, insurance, and real estate:										
Current dollars	10.83	10.84	11.24	11.35	\$11.35	393.13	384.82	400.14	412.01	\$401.79
Constant (1982) dollars	7.56	7.55	7.67	7.72	(¹)	274.53	267.98	272.95	280.28	(¹)
Services:										
Current dollars	10.46	10.62	10.64	10.68	\$10.83	345.18	341.96	348.99	353.51	\$350.89
Constant (1982) dollars	7.30	7.40	7.26	7.27	(¹)	241.05	238.13	238.06	240.48	(¹)

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

² Not available.

^p = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series. Establishment survey estimates are currently projected from March 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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Total private	34.2	34.4	34.6	34.3	34.5	34.4	34.2	34.4	34.7	34.4	34.5	34.7	34.4
Mining	43.9	44.1	44.1	43.7	44.0	43.6	43.4	44.3	44.6	44.1	44.9	44.7	44.1
Construction	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Manufacturing	41.0	41.1	41.2	41.2	41.4	41.4	41.2	41.5	41.4	41.2	41.4	41.4	41.4
<i>Overtime hours</i>	3.6	3.8	3.9	3.9	4.0	4.2	4.0	4.2	4.1	4.0	4.0	4.1	4.1
Durable goods	41.4	41.6	41.8	41.8	42.0	42.1	42.0	42.2	42.0	41.9	42.0	42.2	42.1
<i>Overtime hours</i>	3.5	3.8	3.9	3.9	4.0	4.3	4.2	4.4	4.3	4.2	4.1	4.2	4.2
Lumber and wood products	40.5	40.7	40.8	40.5	40.6	40.8	40.6	40.5	40.6	40.4	40.7	40.8	41.0
Furniture and fixtures	39.6	39.9	40.1	40.0	40.2	40.3	40.1	40.0	39.7	39.5	39.9	40.4	39.9
Stone, clay, and glass products	42.4	42.3	42.4	42.2	42.5	42.5	42.2	42.5	42.8	42.6	42.7	42.9	42.7
Primary metal industries	42.9	42.9	43.1	43.3	43.6	43.8	43.9	44.2	43.6	43.4	43.6	43.5	43.5
Blast furnaces and basic steel products ..	43.1	43.1	43.4	43.7	44.0	44.4	44.4	44.7	44.1	44.1	44.3	43.6	44.4
Fabricated metal products	41.3	41.7	41.8	41.8	42.0	42.1	41.9	42.1	41.9	41.9	41.9	42.1	41.9
Industrial machinery and equipment	42.1	42.4	42.7	42.6	42.7	42.9	42.8	43.1	42.9	42.9	43.1	43.0	42.6
Electronic and other electrical equipment ..	41.1	41.4	41.5	41.4	41.7	41.7	41.6	41.8	41.8	41.4	41.8	42.0	41.9
Transportation equipment	41.5	41.7	41.9	42.4	42.5	42.8	42.7	42.9	42.7	42.5	42.3	43.0	43.5
Motor vehicles and equipment	41.8	42.0	42.4	43.4	43.7	44.2	44.3	45.2	44.0	43.5	43.0	44.3	44.5
Instruments and related products	41.2	41.3	41.2	41.1	41.2	41.0	41.1	41.3	41.3	41.2	41.4	41.1	41.3
Miscellaneous manufacturing	39.8	40.0	39.9	39.8	39.9	39.9	39.9	40.3	39.8	39.5	39.5	39.7	39.9
Nondurable goods	40.6	40.4	40.6	40.5	40.6	40.7	40.3	40.6	40.5	40.5	40.6	40.5	40.5
<i>Overtime hours</i>	3.8	3.9	3.9	3.9	3.9	4.1	3.8	4.0	3.9	3.9	3.9	3.9	3.9
Food and kindred products	40.7	40.8	40.8	40.6	40.6	40.7	40.4	40.7	40.4	40.6	40.8	40.6	40.6
Tobacco products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Textile mill products	41.8	40.8	41.2	41.4	41.6	41.8	40.1	41.9	41.7	41.3	41.3	41.3	41.5
Apparel and other textile products	37.4	37.4	37.6	37.4	37.6	37.5	37.2	37.1	37.3	37.1	37.3	37.4	36.9
Paper and allied products	44.0	43.5	43.5	43.5	43.5	43.8	43.5	43.7	43.7	43.6	43.4	43.5	43.7
Printing and publishing	38.1	38.2	38.1	38.1	38.2	38.1	38.1	38.4	38.2	38.4	38.5	38.1	38.2
Chemicals and allied products	42.9	42.8	42.9	42.8	43.0	42.9	42.8	42.9	43.3	43.1	43.4	43.3	43.0
Petroleum and coal products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Rubber and misc. plastics products	41.6	41.6	41.8	41.9	42.0	42.1	41.8	41.8	41.8	41.7	41.7	41.8	41.8
Leather and leather products	38.0	38.5	38.9	38.7	39.3	39.4	39.0	38.9	38.6	37.7	38.0	38.3	38.7
Transportation and public utilities	38.9	39.0	39.5	39.1	39.6	39.4	39.6	39.4	39.8	39.4	39.6	40.1	39.8
Wholesale trade	38.0	38.1	38.3	38.0	38.1	38.1	38.0	38.0	38.4	38.2	38.2	38.3	38.0
Retail trade	28.9	28.8	28.9	28.8	28.8	28.7	28.2	28.8	29.0	28.8	28.8	28.9	28.8
Finance, insurance, and real estate	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Services	32.1	32.5	32.6	32.3	32.5	32.4	32.4	32.4	32.8	32.5	32.5	32.7	32.3

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Total private	120.8	121.6	122.3	121.7	122.5	122.7	122.2	123.1	124.6	123.6	124.1	124.8	123.8
Goods-producing	101.1	101.2	101.4	101.4	101.7	102.5	101.9	102.2	102.8	102.0	102.6	102.4	102.0
Mining	54.7	55.1	54.8	54.1	54.2	52.7	52.5	53.5	54.2	53.0	53.8	53.3	53.1
Construction	117.6	118.0	117.2	116.9	116.4	119.2	118.8	119.3	124.5	123.4	125.3	124.8	123.7
Manufacturing	100.8	100.8	101.2	101.2	101.8	102.3	101.6	101.8	101.4	100.8	101.0	100.9	100.7
Durable goods	97.6	97.9	98.4	98.5	99.2	99.7	99.3	99.2	98.5	97.8	97.9	98.1	98.1
Lumber and wood products	118.0	119.4	120.8	120.3	120.6	122.7	122.1	120.1	119.6	118.8	119.9	120.6	121.8
Furniture and fixtures	116.4	117.6	118.2	118.2	119.1	120.0	119.4	119.1	118.9	118.0	119.2	120.0	118.2
Stone, clay, and glass products	101.2	100.7	101.0	100.8	101.2	102.3	101.3	101.0	101.9	101.2	101.7	101.9	101.4
Primary metal industries	84.9	84.6	85.0	85.2	85.9	86.3	86.5	86.5	85.3	84.4	84.5	84.1	84.1
Blast furnaces and basic steel products	72.6	72.0	71.6	72.2	72.3	73.3	73.3	73.4	72.4	71.6	71.6	70.0	70.9
Fabricated metal products	99.1	99.6	100.1	99.9	101.1	101.6	101.3	101.3	100.5	100.3	100.0	100.6	100.1
Industrial machinery and equipment	89.2	89.6	90.4	90.2	90.5	90.9	90.5	91.2	90.8	91.0	91.4	90.8	90.4
Electronic and other electrical equipment	98.1	98.8	99.2	99.2	99.6	100.2	100.3	100.5	100.1	98.8	99.6	99.4	99.6
Transportation equipment	108.0	107.8	109.0	110.5	112.1	112.1	111.2	110.1	108.3	106.9	105.9	107.7	108.3
Motor vehicles and equipment	121.1	121.9	127.2	132.2	142.9	139.0	136.6	136.3	131.5	129.5	128.3	132.6	132.5
Instruments and related products	79.1	78.9	78.4	77.8	77.9	77.3	77.1	77.3	76.3	75.7	75.6	74.9	74.9
Miscellaneous manufacturing	97.4	97.5	97.3	97.0	96.9	97.6	98.0	99.4	97.8	96.7	96.7	96.0	96.9
Nondurable goods	105.2	104.8	105.0	105.0	105.5	105.8	104.8	105.4	105.3	104.8	105.2	104.6	104.3
Food and kindred products	109.9	110.4	110.6	110.2	110.7	111.2	110.3	110.6	109.5	109.7	110.2	110.2	109.4
Tobacco products	69.6	68.4	65.9	69.3	68.6	68.1	65.4	65.8	66.0	67.6	63.4	60.6	62.5
Textile mill products	99.7	96.5	97.7	98.4	98.7	99.2	94.8	99.4	98.9	97.5	97.5	96.6	97.2
Apparel and other textile products	91.7	91.4	91.8	91.3	91.9	91.6	91.1	90.2	90.8	89.6	89.7	89.4	87.8
Paper and allied products	111.5	109.6	109.6	109.4	109.4	110.4	109.6	109.5	109.7	109.5	108.8	108.6	109.1
Printing and publishing	122.1	122.2	121.9	122.1	122.2	122.2	122.4	123.3	122.8	123.3	123.8	122.4	122.2
Chemicals and allied products	98.7	98.5	98.5	98.3	98.9	98.7	98.8	99.0	100.5	99.7	101.1	100.3	100.3
Petroleum and coal products	86.0	86.7	86.7	85.5	87.1	87.4	85.4	87.9	86.9	84.9	85.9	85.6	83.8
Rubber and misc. plastics products	126.4	126.6	127.6	128.3	129.4	130.4	129.9	129.7	129.9	129.4	129.9	129.5	129.3
Leather and leather products	56.0	56.8	56.8	56.5	56.8	56.9	56.3	55.6	55.2	53.9	54.9	54.1	54.1
Service-producing	129.6	130.7	131.6	130.8	131.8	131.8	131.3	132.4	134.5	133.4	133.8	134.8	133.6
Transportation and public utilities	113.5	113.7	115.2	114.3	116.1	115.7	116.1	115.5	116.6	115.3	115.9	117.0	116.3
Wholesale trade	113.1	113.7	114.6	113.7	114.5	114.8	114.7	114.7	116.1	115.2	115.6	115.7	114.7
Retail trade	121.4	121.1	121.6	121.5	122.0	122.3	119.9	122.6	124.0	123.3	123.5	123.9	123.7
Finance, insurance, and real estate	116.5	117.6	119.5	116.7	117.9	117.2	116.9	117.2	120.0	117.9	117.3	120.3	117.8
Services	148.9	151.4	152.1	151.3	152.5	152.5	152.9	154.0	156.7	155.6	156.4	157.6	155.8

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 workers¹ on private nonfarm payrolls, seasonally adjusted

Industry	1992				1993								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^p	Sept. ^p
Average hourly earnings													
Total private (in current dollars)	\$10.62	\$10.65	\$10.69	\$10.68	\$10.73	\$10.74	\$10.78	\$10.77	\$10.82	\$10.81	\$10.81	\$10.86	\$10.86
Mining	14.57	14.61	14.65	14.57	14.58	14.55	14.64	14.84	14.76	14.59	14.51	14.55	14.58
Construction	14.11	14.19	14.23	14.21	14.19	14.22	14.28	14.28	14.34	14.32	14.39	14.38	14.38
Manufacturing	11.51	11.52	11.55	11.58	11.61	11.64	11.66	11.71	11.71	11.72	11.72	11.78	11.85
Excluding overtime²	11.03	11.01	11.03	11.06	11.08	11.10	11.13	11.13	11.15	11.17	11.19	11.22	11.29
Transportation and public utilities	13.53	13.56	13.62	13.55	13.57	13.58	13.64	13.61	13.62	13.65	13.66	13.66	13.64
Wholesale trade	11.42	11.48	11.52	11.46	11.57	11.57	11.59	11.67	11.74	11.68	11.73	11.79	11.73
Retail trade	7.18	7.18	7.19	7.21	7.23	7.25	7.27	7.25	7.29	7.28	7.28	7.29	7.28
Finance, insurance, and real estate	10.85	10.93	11.06	10.99	11.09	11.09	11.11	11.15	11.34	11.26	11.30	11.48	11.35
Services	10.61	10.65	10.69	10.67	10.75	10.75	10.76	10.73	10.80	10.78	10.77	10.83	10.82
Total private (in constant dollars) ³	7.41	7.40	7.41	7.40	7.40	7.38	7.39	7.36	7.39	7.38	7.37	7.39	(*)
Average weekly earnings													
Total private:													
In current dollars	363.20	366.36	369.87	366.32	370.19	369.46	368.68	370.49	375.45	371.86	372.95	376.84	373.58
In constant (1982) dollars ³	253.45	254.59	256.50	253.68	255.30	253.92	252.87	253.24	256.28	253.83	254.40	256.53	(*)

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Alabama	41.2	40.8	41.6	\$9.99	\$10.41	\$10.35	\$411.59	\$424.73	\$430.56
Birmingham	40.6	42.6	43.8	10.67	11.08	11.07	433.20	472.01	484.87
Mobile	42.7	43.0	42.6	12.12	12.69	12.62	517.52	545.67	537.61
Alaska	48.9	48.6	56.3	10.47	10.21	10.37	511.98	496.21	583.83
Arizona	40.7	40.5	40.8	11.02	11.24	11.05	448.51	455.22	448.63
Arkansas	41.5	42.0	41.9	9.06	9.29	9.23	375.99	390.18	386.74
Fayetteville-Springdale	43.0	43.7	44.1	8.22	8.51	8.42	353.46	371.89	371.32
Fort Smith	41.7	41.6	40.6	9.13	9.53	9.46	380.72	396.45	384.89
Little Rock-North Little Rock	42.6	43.0	42.8	9.66	9.71	9.75	411.52	417.53	417.30
Pine Bluff	43.8	43.3	40.3	10.42	10.44	10.03	456.40	452.05	404.21
California	40.8	40.6	41.3	12.20	12.42	12.42	497.76	504.25	512.95
Anaheim-Santa Ana	40.0	40.2	40.7	12.21	12.55	12.70	488.40	504.51	516.89
Bakersfield	40.6	40.2	41.4	12.48	12.67	12.59	506.69	509.33	521.23
Fresno	42.5	40.5	41.8	9.89	10.22	10.48	420.33	413.91	438.06
Los Angeles-Long Beach	40.9	41.4	41.7	11.54	11.50	11.53	471.99	478.10	480.80
Modesto	42.9	41.3	42.5	11.72	11.99	11.61	502.79	495.19	501.93
Oakland	41.0	41.5	41.5	14.29	14.70	14.74	585.89	810.05	611.71
Oxnard-Ventura	41.6	40.5	41.3	11.43	11.62	11.84	477.77	470.61	480.73
Riverside-San Bernardino	40.8	41.1	41.1	11.22	11.64	11.56	455.53	478.40	475.12
Sacramento	40.0	39.6	40.8	12.77	13.19	13.19	510.80	522.32	538.15
Salinas-Seaside-Monterey	39.9	39.2	39.6	12.15	12.68	12.62	464.79	497.06	499.75
San Diego	39.5	39.9	39.8	12.48	12.60	12.80	492.96	510.72	509.44
San Francisco	39.7	39.5	39.5	13.30	13.58	13.77	528.01	536.41	543.92
San Jose	41.2	41.8	41.8	14.65	15.07	15.06	603.58	629.93	629.51
Santa Barbara-Santa Maria-Lompoc	40.6	40.5	38.1	12.35	13.02	12.95	501.41	527.31	493.40
Santa Rosa-Petaluma	39.0	39.6	39.1	12.58	13.41	13.28	489.84	531.04	519.25
Stockton	44.8	40.4	43.4	11.88	12.11	11.93	532.22	489.24	517.76
Vallejo-Fairfield-Napa	39.9	41.8	40.8	14.09	14.12	14.31	562.19	590.22	580.99
Colorado	40.7	40.8	41.1	11.31	12.12	12.21	460.32	494.50	501.83
Denver	41.5	41.7	41.5	12.61	12.99	13.05	523.32	541.68	541.58
Connecticut	41.3	41.7	41.7	12.43	13.00	12.90	513.36	542.10	537.93
Bridgeport-Milford	41.4	41.2	40.7	13.19	13.81	13.51	546.07	560.73	549.86
Hartford	40.9	42.7	42.5	13.40	13.93	13.48	548.06	594.81	572.90
New Britain	41.4	42.9	43.2	12.98	13.39	13.27	537.37	574.43	573.26
New Haven-Meriden	40.0	41.0	41.3	12.10	12.76	12.85	484.00	523.16	530.71
Stamford	42.6	42.5	41.9	11.27	11.43	11.38	480.10	485.78	476.82
Waterbury	44.0	43.3	43.4	11.41	11.80	11.79	502.04	510.94	511.69
Delaware	40.6	40.3	43.1	12.32	13.01	13.31	500.19	524.30	573.66
Wilmington	40.6	41.8	44.2	14.79	15.40	15.72	600.47	643.72	694.82
District of Columbia:									
Washington MSA	38.5	40.1	39.5	14.22	14.08	14.24	547.47	564.61	562.48
Florida	40.5	40.5	41.0	9.68	9.84	9.77	392.04	398.52	400.57
Georgia	41.3	41.6	42.1	9.85	10.16	10.13	406.81	422.66	426.47
Atlanta	40.8	41.6	42.2	11.17	11.53	11.45	455.74	479.85	483.19
Savannah	47.5	44.4	44.8	13.06	13.26	13.19	620.35	588.74	590.91
Hawaii	41.3	39.4	40.3	11.55	11.95	11.94	477.02	470.83	481.18
Honolulu	39.3	38.3	38.5	12.38	12.61	12.55	486.53	482.96	483.18
Idaho	40.8	41.2	41.3	11.28	11.80	11.76	460.22	486.16	485.69
Illinois	41.0	41.2	41.4	11.89	12.08	12.10	487.49	497.70	500.94
Aurora-Elgin	41.6	41.5	41.8	11.89	12.03	12.03	488.30	499.25	502.85
Bloomington-Normal	39.9	43.3	42.9	14.62	16.04	16.04	583.34	694.53	688.12
Champaign-Urbana-Rantoul	40.0	40.7	40.5	10.62	10.29	10.30	424.80	418.80	417.15
Chicago	40.8	41.2	41.3	11.66	11.86	11.87	475.73	488.63	490.23
Davenport-Rock Island-Moline	40.5	42.3	41.1	13.98	14.20	14.02	566.19	600.66	576.22
Decatur	41.4	42.3	41.8	15.00	14.92	14.82	621.00	631.12	619.48
Joliet	41.5	41.0	41.1	13.78	13.78	13.74	571.87	564.98	564.71
Kankakee	39.6	42.4	41.5	11.96	12.95	12.98	473.62	549.08	538.67
Lake County	40.2	40.2	40.7	11.66	12.08	12.18	488.73	485.62	495.73
Peoria	42.0	42.9	43.1	14.56	15.03	15.08	611.52	644.79	849.95
Rockford	40.0	40.8	40.7	12.83	12.99	12.93	513.20	527.39	526.25
Springfield	38.8	39.6	40.3	11.60	11.87	11.78	450.08	470.05	474.73

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Indiana	42.2	42.0	42.7	\$12.81	\$13.01	\$13.08	\$540.58	\$546.42	\$558.52
Anderson	41.0	41.3	42.8	16.93	17.44	17.66	694.13	720.27	755.85
Bloomington	41.1	46.6	45.3	12.37	11.51	11.58	508.41	536.37	524.57
Elkhart-Goshen	40.2	39.8	39.8	10.44	11.08	11.27	419.69	440.98	448.55
Evansville	42.1	42.9	41.8	13.02	13.00	12.96	548.14	557.70	541.73
Fort Wayne	40.4	41.7	42.4	13.46	13.61	13.32	543.78	567.54	564.77
Gary-Hammond	43.7	44.4	42.5	16.96	17.37	17.65	741.15	771.23	750.13
Indianapolis	43.4	42.5	43.1	13.52	13.46	13.72	586.77	572.05	591.33
Kokomo	41.6	40.7	41.8	17.21	17.76	18.15	715.94	722.83	758.67
Lafayette-West Lafayette	43.4	42.1	40.2	13.53	14.37	14.54	587.20	604.98	584.51
Muncie	43.1	43.7	44.6	13.42	13.90	14.42	578.40	607.43	643.13
South Bend-Mishawaka	40.3	44.1	44.5	12.19	11.84	11.97	491.26	522.14	532.67
Terre Haute	41.5	43.8	44.7	11.32	13.16	12.98	469.78	576.41	580.21
Iowa	41.7	40.9	41.4	11.85	12.21	12.07	494.15	499.39	499.70
Cedar Rapids	40.5	42.4	41.0	14.39	15.04	14.71	582.80	637.70	603.11
Des Moines	41.5	37.3	40.3	12.59	13.19	13.21	522.49	491.99	532.36
Dubuque	42.4	41.2	41.4	12.31	12.88	12.48	521.94	530.66	516.67
Sioux City	40.7	39.6	38.8	9.90	9.77	9.67	402.93	386.89	375.20
Kansas	40.8	41.5	41.6	11.60	11.87	12.01	473.28	492.61	499.62
Topeka	40.4	42.8	43.1	13.44	13.86	14.18	542.98	593.21	611.16
Wichita	40.3	40.9	41.5	13.53	13.65	13.91	545.26	558.29	577.27
Kentucky	39.9	39.8	40.4	11.26	11.49	11.50	449.27	457.30	464.60
Lexington-Fayette	41.4	40.9	41.6	12.21	12.15	12.21	505.49	496.94	507.94
Louisville	40.7	39.9	41.8	12.74	13.18	13.49	518.52	525.08	563.86
Louisiana	42.3	41.7	42.3	12.20	12.75	12.77	516.06	531.68	540.17
Baton Rouge	44.3	43.1	43.2	14.53	14.81	14.97	643.68	638.31	646.70
New Orleans	39.8	40.6	40.2	11.98	12.73	12.62	476.80	516.84	507.32
Shreveport	42.1	42.3	43.5	14.42	13.57	13.65	607.08	574.01	593.78
Maine	40.4	40.5	41.2	11.29	11.71	11.52	456.12	474.26	474.62
Lewiston-Auburn	39.7	41.2	41.4	8.83	9.55	9.69	350.55	393.46	401.17
Portland	38.1	38.3	39.6	10.76	10.68	10.53	409.96	409.04	416.99
Maryland	40.8	40.9	41.3	12.46	12.75	12.73	508.37	521.48	525.75
Baltimore MSA	41.1	41.3	41.5	13.00	13.34	13.40	534.30	550.94	556.10
Massachusetts	41.1	41.0	41.3	12.17	12.31	12.22	500.19	504.71	504.69
Boston	40.8	40.8	41.0	13.01	13.15	13.14	530.81	536.52	538.74
Springfield	40.6	40.8	40.4	11.75	12.13	12.05	477.05	494.90	486.82
Worcester	41.6	42.0	41.9	11.71	11.53	11.42	487.14	484.26	478.50
Michigan	42.2	41.7	42.8	14.92	15.09	15.16	629.62	629.25	648.85
Ann Arbor	42.8	41.9	45.3	15.96	16.56	17.15	683.09	693.86	776.89
Battle Creek	42.9	43.7	44.3	15.30	17.00	16.58	656.37	742.90	734.49
Detroit	43.3	42.1	43.7	16.16	16.36	16.46	699.73	688.76	719.30
Flint	41.6	42.5	43.0	18.75	19.81	20.02	780.00	841.92	860.86
Grand Rapids	40.5	42.1	42.8	12.40	12.47	12.51	502.20	524.99	535.43
Jackson	43.7	41.6	41.9	10.97	10.75	10.85	479.39	447.20	454.61
Kalamazoo	42.0	43.3	43.1	14.50	15.15	14.43	609.00	655.99	621.93
Lansing-East Lansing	40.4	38.5	41.8	18.52	16.81	15.86	748.21	647.18	662.95
Muskegon	40.2	41.7	41.0	12.31	12.05	12.14	494.86	502.48	497.74
Saginaw-Bay City-Midland	42.6	43.2	42.8	16.28	17.11	17.18	693.53	739.15	735.30
Minnesota	41.4	40.8	40.9	11.60	12.20	12.16	488.52	497.76	497.34
Duluth	40.1	39.0	38.7	11.96	11.56	11.58	479.60	450.84	448.15
Minneapolis-St. Paul	41.2	40.9	41.1	12.59	13.00	12.98	518.71	531.70	533.48
St. Cloud	40.2	39.3	39.4	10.56	10.74	10.81	424.51	422.08	425.91
Mississippi	40.6	40.8	41.0	8.88	9.19	9.13	360.53	374.95	374.33
Jackson	39.9	39.9	40.8	9.54	10.01	9.74	380.65	399.40	397.39
Missouri	40.4	41.1	41.1	11.21	11.56	11.49	452.88	475.12	472.24
Kansas City	41.7	41.1	41.0	12.94	13.37	13.16	539.60	549.51	539.56
St. Louis	41.5	42.1	42.4	13.60	13.78	13.72	564.40	580.14	581.73
Springfield	39.5	41.8	44.0	10.31	10.18	10.03	407.25	425.52	441.32
Montana	39.1	37.9	38.1	12.38	12.45	12.42	484.06	471.88	473.20

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Nebraska	41.7	40.9	42.3	\$10.25	\$10.44	\$10.61	\$427.43	\$427.00	\$448.80
Lincoln	41.1	41.6	43.2	11.47	12.03	12.29	471.42	500.45	530.93
Omaha	41.9	40.5	41.6	10.61	10.94	10.91	444.56	443.07	453.86
Nevada	40.3	41.4	41.1	11.65	11.50	11.48	469.50	476.10	471.83
Las Vegas	41.7	41.2	42.0	12.65	12.75	12.49	527.51	525.30	524.58
New Hampshire	41.4	41.4	42.0	11.05	11.69	11.62	457.47	483.97	488.04
Manchester	41.4	42.8	42.7	10.97	11.50	11.31	454.16	492.20	482.94
Nashua	40.8	42.6	42.6	13.83	15.04	15.11	564.26	640.70	643.89
Portsmouth-Dover-Rochester	42.1	39.5	42.4	11.00	11.54	11.36	463.10	455.83	481.66
New Jersey	41.3	41.2	41.5	12.57	13.05	12.99	519.14	537.66	539.09
New Mexico	39.5	40.9	40.8	9.65	9.94	9.58	381.18	406.55	390.88
Albuquerque	40.9	41.6	41.5	10.16	10.10	10.07	415.54	420.16	417.91
New York	40.2	39.9	40.1	11.65	12.00	11.95	468.33	478.80	479.20
Albany-Schenectady-Troy	40.9	41.1	40.3	13.05	13.46	13.67	533.75	553.21	550.90
Binghamton	40.1	40.8	41.2	9.61	9.90	9.75	385.36	403.92	401.70
Buffalo	42.4	43.7	44.0	13.99	14.72	14.91	593.18	643.26	658.04
Elmira	41.0	43.0	42.3	10.82	11.21	11.15	443.62	482.03	471.65
Nassau-Suffolk	40.0	39.6	38.9	11.60	11.20	11.34	464.00	443.52	441.13
New York PMSA	38.0	37.2	37.4	10.40	10.72	10.69	395.20	398.78	399.81
New York City	37.7	36.8	37.1	10.18	10.42	10.41	383.79	383.46	386.21
Niagara Falls	40.5	40.6	40.8	15.03	15.46	15.34	608.72	627.68	625.87
Orange County	41.0	37.6	39.4	9.89	10.35	10.41	405.49	389.16	410.15
Poughkeepsie	39.4	40.5	40.6	10.94	11.27	11.21	431.04	456.44	455.13
Rochester	41.1	41.1	41.3	13.68	13.95	13.82	562.25	573.35	570.77
Rockland County	43.8	43.4	43.0	13.79	14.07	14.03	604.00	610.84	603.29
Syracuse	41.3	40.2	41.5	13.30	13.20	13.24	549.29	530.64	549.48
Utica-Rome	40.4	41.1	41.5	10.88	11.16	10.91	439.55	458.68	452.77
Westchester County	39.7	38.9	39.3	11.77	11.94	11.87	467.27	464.47	466.49
North Carolina	40.9	40.2	41.0	9.51	9.80	9.81	388.96	393.96	402.21
Asheville	41.9	40.4	40.6	9.65	9.86	9.95	404.34	398.34	403.97
Charlotte-Gastonia-Rock Hill	41.0	40.5	41.5	10.17	10.39	10.40	416.97	420.80	431.60
Greensboro-Winston-Salem-High Point	40.2	39.1	39.8	10.34	10.67	10.66	415.67	417.20	424.27
Raleigh-Durham	41.0	40.8	41.4	10.39	10.82	10.84	425.99	441.46	448.78
North Dakota	39.5	40.1	41.4	9.72	10.51	10.31	383.94	421.45	426.83
Fargo-Moorhead	39.2	38.9	41.7	8.97	9.03	9.11	351.62	351.27	379.89
Ohio	42.4	42.2	42.7	13.57	13.87	13.99	575.37	585.31	597.37
Akron	42.6	42.1	43.1	12.51	12.58	12.91	532.93	529.62	558.42
Canton	41.8	40.4	40.5	12.20	12.23	12.30	509.96	494.09	498.15
Cincinnati	42.2	41.3	42.2	12.92	12.83	13.11	545.22	529.88	553.24
Cleveland	41.6	42.0	42.3	12.93	13.30	13.36	537.89	558.60	565.13
Columbus	42.2	41.5	41.9	13.23	13.45	13.51	558.31	558.18	566.07
Dayton-Springfield	43.0	42.9	43.8	14.58	15.10	15.24	626.94	647.79	667.51
Toledo	43.7	43.1	45.3	14.92	14.72	15.82	652.00	634.43	716.65
Youngstown-Warren	42.0	42.0	41.8	15.84	16.55	16.47	665.28	695.10	888.45
Oklahoma	42.1	41.3	41.6	11.35	11.29	11.29	477.84	486.28	469.86
Oklahoma City	45.8	44.5	43.5	11.58	11.92	12.40	530.36	530.44	539.40
Tulsa	41.6	40.8	41.4	11.94	12.12	11.95	496.70	494.50	494.73
Oregon	39.9	38.2	39.9	11.86	12.36	12.22	473.21	472.15	487.58
Eugene-Springfield	39.0	37.4	39.5	11.88	12.59	12.46	463.32	470.87	492.17
Medford	40.7	40.4	42.3	11.29	11.80	11.85	459.50	476.72	501.25
Portland	40.2	39.5	40.2	12.53	12.58	12.57	503.71	496.91	505.31
Salem	38.3	36.0	36.1	9.33	10.92	10.03	357.34	393.12	362.08
Pennsylvania	40.9	41.1	41.3	11.90	12.14	12.15	486.71	498.95	501.80
Allentown-Bethlehem	39.6	41.1	40.8	11.76	12.03	12.00	465.70	494.43	489.60
Altoona	40.4	39.9	41.0	10.11	9.97	10.01	408.44	397.80	410.41
Beaver County	45.4	45.4	46.4	11.50	12.06	11.95	522.10	547.52	554.48
Erie	43.1	42.7	42.9	12.58	12.74	12.85	542.20	544.00	551.27
Harrisburg-Lebanon-Carlisle	39.5	40.1	40.2	11.24	11.48	11.52	443.98	460.35	463.10
Johnstown	39.4	39.9	39.2	8.98	9.11	9.30	353.81	363.49	364.56

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Pennsylvania—Continued									
Lancaster	40.3	40.5	41.5	\$11.59	\$11.96	\$11.99	\$467.06	\$484.38	\$497.59
Philadelphia PMSA	40.2	40.7	40.8	13.05	13.43	13.42	524.61	548.60	547.54
Pittsburgh	41.7	41.7	42.1	12.48	13.14	13.10	520.42	547.94	551.51
Reading	41.0	42.8	42.0	12.38	12.55	12.71	507.58	534.63	533.82
Scranton-Wilkes-Barre	39.8	40.0	39.6	10.58	10.66	10.74	421.08	428.40	425.30
Sharon	41.8	42.2	44.3	12.32	11.90	12.01	514.98	502.18	532.04
State College	41.6	38.5	40.5	10.26	10.43	10.51	426.82	401.56	425.66
Williamsport	41.9	41.0	42.3	10.20	10.37	10.44	427.38	425.17	441.61
York	42.0	42.9	42.3	11.83	11.96	11.85	488.46	513.08	501.26
Rhode Island									
Pawtucket-Woonsocket-Attleboro	39.5	39.9	38.9	9.98	10.17	10.26	394.21	405.78	399.11
Providence	39.3	40.0	39.9	9.66	9.81	9.90	379.64	392.40	395.01
Providence	40.0	39.2	37.7	10.01	10.45	10.39	400.40	409.64	391.70
South Carolina									
.....	41.9	41.2	41.6	9.51	9.86	9.85	398.47	406.23	409.78
South Dakota									
.....	40.7	41.6	40.9	8.98	8.84	8.81	365.49	367.74	380.33
Rapid City	41.2	40.9	42.5	8.91	9.16	8.90	367.09	374.64	378.25
Sioux Falls	40.0	40.1	39.8	9.41	9.08	9.09	376.40	384.11	361.78
Tennessee									
.....	40.5	40.7	40.9	10.05	10.36	10.33	407.03	421.65	422.50
Chattanooga	41.0	39.6	40.5	9.61	9.89	9.84	394.01	391.64	398.52
Johnson City-Kingsport-Bristol	38.8	38.9	39.5	10.53	10.66	10.04	408.56	414.67	396.58
Knoxville	39.7	39.6	39.8	9.84	10.00	9.89	390.65	396.00	393.62
Memphis	41.4	41.2	41.1	10.28	10.76	10.70	425.59	443.31	439.77
Nashville	40.1	40.6	40.6	11.43	11.64	11.53	458.34	472.58	468.12
Texas									
.....	42.5	42.5	42.8	10.92	11.14	11.13	464.10	473.45	476.36
Dallas	42.2	42.5	42.8	10.61	10.91	10.85	447.74	463.68	464.38
Ft. Worth-Arlington	41.7	43.3	42.7	11.76	12.14	11.99	490.39	525.66	511.97
Houston	44.5	44.7	44.9	13.30	13.35	13.31	591.85	596.75	597.62
San Antonio	41.6	41.9	41.4	8.28	8.65	8.58	344.45	362.44	354.38
Utah									
.....	40.4	39.7	39.9	11.01	10.99	11.23	444.80	436.30	448.08
Salt Lake City-Ogden	41.2	40.9	40.7	11.25	11.38	11.54	463.50	465.44	469.68
Vermont									
.....	40.8	40.6	41.8	11.53	11.71	11.60	470.42	475.43	484.88
Burlington	41.0	41.8	41.7	11.79	11.87	11.22	483.39	493.79	487.87
Virginia									
.....	41.1	41.3	41.3	10.78	10.91	10.93	443.06	450.58	451.41
Bristol	39.4	39.5	39.3	9.14	9.19	9.17	360.12	363.01	380.38
Charlottesville	40.2	40.4	40.1	9.69	10.14	9.82	389.54	409.66	393.78
Danville	42.3	42.6	41.5	10.48	11.09	10.94	443.30	472.43	454.01
Lynchburg	42.5	43.4	41.8	10.68	11.03	10.79	453.90	478.70	451.02
Northern Virginia	41.2	40.0	40.0	13.19	13.75	13.75	543.43	550.00	550.00
Richmond-Petersburg	42.6	42.0	43.0	14.09	13.69	13.84	600.23	574.98	595.12
Roanoke	40.7	42.0	42.4	12.06	12.40	12.30	490.84	520.80	521.52
Washington									
.....	40.1	39.9	40.1	13.53	13.97	13.79	542.55	557.40	552.98
West Virginia									
.....	40.6	40.5	40.7	12.11	12.37	12.35	491.67	500.99	502.65
Charleston	44.6	43.1	43.5	14.33	15.86	15.05	839.12	683.57	654.68
Huntington-Ashland	40.5	41.0	40.7	13.73	14.10	14.25	556.07	578.10	579.98
Parkersburg-Marietta	41.5	41.4	40.2	14.43	14.56	14.36	598.85	602.78	577.27
Wheeling	40.8	39.3	37.3	14.18	13.79	13.53	578.54	541.95	504.87
Wisconsin									
.....	41.9	41.1	41.5	11.71	12.04	11.98	490.65	494.84	497.17
Appleton-Oshkosh	43.1	43.2	43.0	12.55	13.13	13.07	540.91	567.22	562.01
Eau Claire	41.6	38.8	40.3	11.91	12.12	11.68	495.46	470.26	469.90
Green Bay	42.6	40.3	41.5	12.25	13.25	12.73	521.85	533.98	528.30
Janesville-Beloit	44.7	39.6	40.0	15.32	15.34	15.32	884.80	607.46	612.80
Kenosha	41.7	38.6	38.3	12.49	12.19	13.10	520.83	470.53	501.73
La Crosse	40.4	41.2	40.2	10.18	10.89	10.76	411.27	448.67	432.55
Madison	41.2	40.3	39.5	10.96	11.03	11.08	451.55	444.51	437.66
Milwaukee	40.9	41.2	40.7	12.92	13.13	13.19	528.43	540.98	536.83
Racine	41.6	39.6	40.6	12.29	12.00	12.15	511.26	475.20	493.29
Sheboygan	40.1	40.3	42.4	11.87	11.90	12.19	475.99	479.57	516.86
Wausau	41.8	42.6	42.4	11.04	11.57	11.76	461.47	492.88	498.62
Wyoming									
.....	38.6	39.1	38.7	11.24	11.65	11.92	433.86	455.52	461.30
Puerto Rico									
.....	40.1	39.6	(¹)	8.72	6.99	(¹)	269.47	276.80	(¹)
Virgin Islands									
.....	41.8	43.0	42.4	13.43	15.11	15.14	561.37	649.73	641.94

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.

C-9. Nonfarm employee hours by major industry, seasonally adjusted

Industry	Millions of hours (annual rate) ¹			Percent change		
	July 1993 ^r	Aug. 1993 ^r	Sept. 1993 ^p	July 1992 to July 1993 ^p	May 1993 to June 1993 ^r	June 1993 to July 1993 ^p
Total	204,051	204,960	204,066	2.1	.4	-.4
Private sector	166,321	167,306	166,014	2.0	.6	-.8
Mining	1,377	1,381	1,367	-2.0	.3	-1.0
Construction	9,291	9,263	9,177	4.2	-.3	-.9
Manufacturing	38,041	37,984	37,920	-.8	-.1	-.2
Durable goods	21,625	21,632	21,614	-.8	.0	-.1
Nondurable goods	16,416	16,352	16,306	-.9	-.4	-.3
Transportation and public utilities	11,781	11,871	11,795	2.0	.8	-.6
Wholesale trade	12,169	12,163	12,075	1.2	.0	-.7
Retail trade	29,638	29,749	29,708	2.0	.4	-.1
Finance, insurance, and real estate	12,232	12,521	12,185	.4	2.4	-2.7
Services	51,794	52,375	51,787	4.4	1.1	-1.1
Government	37,730	37,654	38,052	2.4	-.2	1.1

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).

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

C-10. Indexes of productivity, hourly compensation, unit costs, and prices, seasonally adjusted¹

(1982=100)

Item	Annual average		Quarterly index										
	1991'	1992'	1990	1991				1992				1993	
			IV'	I'	II'	III'	IV'	I'	II'	III'	IV'	I'	II'
Business sector													
Output per hour of all persons.....	111.8	115.6	110.5	110.9	111.6	111.9	112.9	114.3	115.0	116.2	117.3	116.8	116.5
Output.....	131.8	135.4	132.1	131.0	131.5	131.6	132.4	133.4	134.5	136.1	137.9	136.1	139.0
Hours.....	117.7	117.1	119.8	118.1	117.8	117.6	117.3	116.7	117.0	117.1	117.6	118.2	119.3
Compensation per hour.....	147.4	155.1	143.5	144.9	146.8	148.2	150.2	152.3	153.9	156.3	158.0	159.3	160.1
Real compensation per hour.....	104.5	106.7	103.5	103.6	104.2	104.7	105.2	105.9	106.1	107.1	107.4	107.3	107.0
Unit labor costs.....	131.9	134.2	129.6	130.6	131.3	132.5	133.0	133.3	133.8	134.5	134.7	136.3	137.4
Unit nonlabor payments.....	144.7	149.6	140.2	143.4	145.1	145.0	145.8	148.6	150.0	147.4	152.7	152.2	152.8
Implicit price deflator.....	136.1	139.2	133.2	134.8	135.8	136.6	137.2	138.3	139.1	138.7	140.6	141.6	142.4
Nonfarm business sector													
Output per hour of all persons.....	110.3	113.8	106.9	109.5	110.2	110.5	111.4	112.5	113.3	114.3	115.5	115.0	114.6
Output.....	131.8	135.4	132.2	131.2	131.7	131.8	132.7	133.4	134.5	135.9	137.9	138.2	139.2
Hours.....	119.5	118.9	121.4	119.9	119.5	119.3	119.1	118.6	118.7	118.9	119.4	120.2	121.5
Compensation per hour.....	148.3	153.9	142.1	143.6	145.4	147.1	148.9	151.0	152.8	155.0	156.8	157.9	158.4
Real compensation per hour.....	103.6	105.8	102.5	102.7	103.4	103.9	104.3	104.9	105.4	106.2	106.6	106.3	105.9
Unit labor costs.....	132.6	135.2	130.5	131.2	132.0	133.1	133.7	134.2	134.8	135.6	135.8	137.3	138.3
Unit nonlabor payments.....	146.2	151.1	141.5	144.9	146.2	146.5	147.6	149.9	151.6	146.8	154.4	153.9	154.5
Implicit price deflator.....	137.0	140.3	134.0	135.7	136.8	137.5	138.2	139.3	140.2	139.8	141.8	142.7	143.5
Manufacturing													
Output per hour of all persons.....	123.4	129.1	122.1	121.6	122.8	124.4	125.2	126.6	128.3	129.5	131.7	133.2	134.9
Output.....	126.7	130.6	128.4	125.4	125.8	127.6	128.0	128.7	130.3	130.7	132.8	135.0	135.9
Hours.....	102.6	101.2	105.2	103.1	102.3	102.6	102.2	101.6	101.6	100.9	100.9	101.3	100.7
Compensation per hour.....	141.9	148.6	137.6	139.2	141.0	142.6	145.1	145.7	147.6	149.2	151.3	150.4	151.6
Real compensation per hour.....	100.5	102.2	99.3	99.5	100.2	100.7	101.7	101.3	101.8	102.2	102.9	101.3	101.4
Unit labor costs.....	115.0	115.1	112.7	114.5	114.8	114.7	115.9	115.1	115.1	115.2	114.9	112.9	112.4
Durable goods													
Output per hour of all persons.....	131.0	139.6	129.3	128.8	129.7	132.0	133.9	135.4	138.5	140.3	143.8	146.8	149.5
Output.....	132.0	137.4	134.8	130.7	130.7	132.8	133.6	134.4	136.8	137.5	140.8	144.3	145.7
Hours.....	100.7	98.4	104.1	101.5	100.8	100.8	99.8	99.3	98.8	98.0	97.9	98.3	97.4
Compensation per hour.....	139.8	146.5	135.5	137.0	138.7	140.4	143.5	143.3	145.3	146.9	149.7	148.3	149.1
Real compensation per hour.....	99.1	100.7	97.7	97.9	98.8	99.2	100.5	99.6	100.2	100.8	101.8	99.8	99.7
Unit labor costs.....	106.7	104.9	104.8	106.4	107.0	106.4	107.2	105.8	104.9	104.7	104.1	101.0	99.7
Nondurable goods													
Output per hour of all persons.....	114.1	116.4	113.2	112.8	114.3	115.0	114.6	115.8	115.9	116.4	117.1	117.0	117.6
Output.....	120.1	122.4	120.9	118.8	119.4	121.2	121.1	121.6	122.3	123.1	123.1	123.6	123.9
Hours.....	105.3	105.1	106.8	105.4	104.5	105.3	105.7	105.0	105.6	105.1	105.2	105.6	105.4
Compensation per hour.....	146.1	153.2	141.5	143.4	145.4	147.0	148.7	150.6	152.3	154.0	155.1	155.0	156.9
Real compensation per hour.....	103.5	105.3	102.1	102.5	103.4	103.8	104.1	104.6	105.0	105.5	105.4	104.4	104.9
Unit labor costs.....	128.0	131.6	125.0	127.1	127.2	127.8	129.8	130.0	131.5	132.4	132.5	132.5	133.5
Nonfinancial corporations													
Output per all-employee hour.....	114.1	117.7	112.6	113.1	113.8	114.3	115.5	116.3	116.9	118.2	119.6	118.7	(²)
Output.....	134.8	139.0	135.8	134.1	134.3	134.9	136.0	136.6	137.9	139.3	141.8	141.1	(²)
Hours.....	118.2	116.1	120.3	118.6	118.0	118.0	117.8	117.6	118.0	117.9	118.5	118.9	(²)
Compensation per hour.....	143.3	147.4	139.9	140.9	143.0	144.2	145.4	146.3	146.8	147.9	149.1	150.1	(²)
Real compensation per hour.....	101.5	101.4	100.9	100.7	101.7	101.9	101.9	101.8	101.3	101.3	101.3	101.1	(²)
Total unit costs.....	124.7	124.2	122.7	123.9	124.7	125.3	125.0	124.6	124.4	124.5	123.3	125.0	(²)
Unit labor costs.....	125.8	125.3	124.0	124.6	125.7	126.2	125.9	125.7	125.8	125.2	124.6	126.5	(²)
Unit nonlabor costs.....	122.6	121.5	119.5	122.2	122.1	123.1	122.8	121.7	121.4	122.8	120.0	121.3	(²)
Unit profits.....	152.9	182.7	149.7	151.3	154.5	150.7	155.2	167.7	179.6	179.3	203.4	192.3	(²)
Implicit price deflator.....	126.5	127.8	124.4	125.6	126.5	126.9	126.9	127.3	127.8	127.9	128.3	129.2	(²)

¹ The productivity and cost measures for the business and nonfarm business sectors and the compensation measures for the manufacturing sectors incorporate revised measures reported by the Bureau of Economic Analysis of the U.S. Department of Commerce on August 31, 1993.

² Not available.

' = 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					
	I 1992'	II 1992'	III 1992'	IV 1992'	I 1993'	II 1993'	I 1992'	II 1992'	III 1992'	IV 1992'	I 1993'	II 1993'
Business sector												
Output per hour of all persons.....	4.9	2.5	4.3	3.8	-1.6	-1.0	3.0	3.0	3.9	3.9	2.2	1.3
Output.....	2.9	3.4	4.6	5.6	.5	2.8	1.8	2.3	3.4	4.1	3.5	3.4
Hours.....	-1.9	.8	.3	1.8	2.1	3.8	-1.2	-.7	-.5	.2	1.3	2.0
Compensation per hour.....	5.9	4.2	6.3	4.6	3.2	2.0	5.1	5.0	5.4	5.2	4.6	4.0
Real compensation per hour.....	2.5	1.1	3.5	1.4	-.6	-.9	2.2	1.8	2.3	2.1	1.3	.8
Unit labor costs.....	.9	1.6	1.9	.8	4.9	3.1	2.1	1.9	1.5	1.3	2.3	2.7
Unit nonlabor payments.....	7.8	3.8	-6.8	15.2	-1.3	1.5	3.6	3.4	1.6	4.7	2.4	1.9
Implicit price deflator.....	3.3	2.4	-1.2	5.6	2.7	2.5	2.6	2.4	1.5	2.5	2.3	2.4
Nonfarm business sector												
Output per hour of all persons.....	4.0	2.9	3.6	4.1	-1.8	-1.3	2.8	2.8	3.5	3.7	2.2	1.1
Output.....	2.1	3.3	4.4	6.0	.7	3.1	1.7	2.1	3.1	3.9	3.8	3.5
Hours.....	-1.8	.3	.7	1.8	2.6	4.5	-1.1	-.7	-.4	.3	1.4	2.4
Compensation per hour.....	5.8	4.8	6.0	4.6	2.8	1.4	5.1	5.1	5.4	5.3	4.5	3.7
Real compensation per hour.....	2.4	1.6	3.2	1.4	-1.0	-1.5	2.2	1.9	2.2	2.2	1.3	.5
Unit labor costs.....	1.7	1.8	2.2	.5	4.7	2.8	2.3	2.2	1.8	1.6	2.3	2.5
Unit nonlabor payments.....	6.0	4.4	-7.2	16.1	-1.4	1.7	3.5	3.7	1.6	4.5	2.6	1.9
Implicit price deflator.....	3.2	2.7	-1.1	5.6	2.5	2.4	2.7	2.7	1.7	2.6	2.4	2.3
Manufacturing												
Output per hour of all persons.....	4.5	5.4	3.8	7.0	4.9	5.2	4.1	4.5	4.1	5.2	5.2	5.2
Output.....	2.1	5.2	1.1	6.8	6.6	2.8	2.6	3.7	2.4	3.8	4.9	4.3
Hours.....	-2.3	-.1	-2.5	-.2	1.7	-2.3	-1.4	-.7	-1.6	-1.3	-.3	-.9
Compensation per hour.....	1.7	5.2	4.4	5.8	-2.4	3.3	4.7	4.7	4.6	4.3	3.2	2.7
Real compensation per hour.....	-1.5	2.1	1.7	2.6	-6.0	.4	1.8	1.5	1.5	1.2	.0	-.4
Unit labor costs.....	-2.7	-.1	.6	-1.1	-7.0	-1.8	.6	.2	.5	-.8	-1.9	-2.4
Durable goods												
Output per hour of all persons.....	4.6	9.4	5.3	10.4	8.6	7.7	5.2	6.8	6.3	7.4	8.4	8.0
Output.....	2.4	7.4	2.0	9.8	10.4	4.1	2.9	4.7	3.5	5.4	7.3	6.5
Hours.....	-2.0	-1.9	-3.1	-.5	1.6	-3.4	-2.2	-2.0	-2.6	-1.9	-1.0	-1.4
Compensation per hour.....	-.5	5.8	4.4	7.9	-3.9	2.3	4.8	4.8	4.6	4.4	3.5	2.6
Real compensation per hour.....	-3.7	2.6	1.7	4.6	-7.4	-.6	1.7	1.7	1.5	1.2	.3	-.5
Unit labor costs.....	-4.8	-3.3	-.8	-2.2	-11.5	-5.0	-.5	-1.9	-1.5	-2.8	-4.6	-5.0
Nondurable goods												
Output per hour of all persons.....	4.5	.1	1.7	2.5	-.2	1.9	2.7	1.4	1.2	2.2	1.0	1.5
Output.....	1.7	2.3	.0	2.7	1.5	1.1	2.3	2.4	1.0	1.7	1.6	1.3
Hours.....	-2.7	2.2	-1.7	.2	1.7	-.8	-.3	1.0	-.2	-.5	.6	-.2
Compensation per hour.....	5.2	4.8	4.6	2.8	-.1	5.0	5.0	4.8	4.8	4.3	3.0	3.0
Real compensation per hour.....	1.8	1.6	1.8	-.4	-3.8	2.0	2.1	1.6	1.6	1.2	-.2	-.1
Unit labor costs.....	.7	4.6	2.8	.2	.0	3.0	2.2	3.3	3.6	2.1	1.9	1.5
Nonfinancial corporations												
Output per all-employee hour.....	2.9	2.0	4.4	5.0	-3.2	(¹)	2.9	2.8	3.4	3.6	2.0	(¹)
Output.....	2.3	3.4	3.9	7.4	-1.8	(¹)	2.0	2.7	3.3	4.2	3.2	(¹)
Hours.....	-.6	1.4	-.5	2.2	1.4	(¹)	-.8	.0	-.1	.6	1.1	(¹)
Compensation per hour.....	2.4	1.6	3.0	3.1	2.8	(¹)	3.8	2.7	2.6	2.5	2.6	(¹)
Real compensation per hour.....	-.9	-1.5	.3	.0	-1.0	(¹)	.9	-.4	-.5	-.5	-.6	(¹)
Total unit costs.....	-1.4	-.6	.3	-3.8	5.6	(¹)	.5	-.2	-.6	-1.4	.3	(¹)
Unit labor costs.....	-.5	-.4	-1.4	-1.8	6.1	(¹)	.9	-.1	-.8	-1.0	.6	(¹)
Unit nonlabor costs.....	-3.5	-.9	4.8	-8.8	4.2	(¹)	-.4	-.6	-.2	-2.2	-.3	(¹)
Unit profits.....	36.3	31.5	-.6	65.5	-20.1	(¹)	10.8	16.2	19.0	31.1	14.7	(¹)
Implicit price deflator.....	1.2	1.8	.2	1.1	2.8	(¹)	1.3	1.0	.8	1.1	1.5	(¹)

¹ The productivity and cost measures for the business and nonfarm business sectors and the compensation measures for the manufacturing sectors incorporate revised measures reported by the Bureau of Economic Analysis of the U.S. Department of Commerce on August 31, 1993.

² Not available.
' = 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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.
NORTHEAST													
Civilian noninstitutional population ²	39,505	39,518	39,533	39,547	39,551	39,555	39,567	39,570	39,572	39,577	39,582	39,584	39,589
Civilian labor force	25,576	25,567	25,727	25,746	25,688	25,612	25,564	25,425	25,591	25,534	25,522	25,608	25,457
Employed	23,440	23,489	23,641	23,653	23,649	23,665	23,703	23,588	23,756	23,733	23,733	23,749	23,676
Unemployed	2,137	2,078	2,086	2,093	2,039	1,947	1,862	1,837	1,835	1,802	1,789	1,858	1,781
Unemployment rate	8.4	8.1	8.1	8.1	7.9	7.6	7.3	7.2	7.2	7.1	7.0	7.3	7.0
New England													
Civilian noninstitutional population ²	10,220	10,224	10,231	10,236	10,239	10,241	10,247	10,244	10,243	10,242	10,241	10,239	10,238
Civilian labor force	7,055	7,075	7,140	7,123	7,127	7,054	7,054	6,985	7,007	7,082	7,069	7,097	7,097
Employed	6,480	6,511	6,544	6,530	6,562	6,524	6,557	6,499	6,536	6,633	6,629	6,641	6,631
Unemployed	575	564	597	593	565	530	497	486	470	449	440	456	466
Unemployment rate	8.2	8.0	8.4	8.3	7.9	7.5	7.0	7.0	6.7	6.3	6.2	6.4	6.6
Middle Atlantic													
Civilian noninstitutional population ²	29,285	29,294	29,302	29,312	29,312	29,314	29,320	29,326	29,329	29,335	29,341	29,345	29,351
Civilian labor force	18,521	18,492	18,587	18,623	18,561	18,558	18,511	18,440	18,585	18,452	18,453	18,511	18,360
Employed	16,960	16,978	17,098	17,123	17,087	17,141	17,146	17,089	17,220	17,100	17,104	17,109	17,045
Unemployed	1,562	1,514	1,489	1,500	1,474	1,417	1,365	1,351	1,365	1,353	1,348	1,402	1,315
Unemployment rate	8.4	8.2	8.0	8.1	7.9	7.6	7.4	7.3	7.3	7.3	7.3	7.6	7.2
SOUTH													
Civilian noninstitutional population ²	65,962	66,036	66,108	66,186	66,241	66,302	66,372	66,447	66,520	66,598	66,677	66,750	66,832
Civilian labor force	43,135	43,109	43,161	43,249	43,099	43,460	43,417	43,239	43,569	43,525	43,422	43,641	43,539
Employed	40,053	40,092	40,184	40,313	40,176	40,667	40,465	40,315	40,774	40,639	40,551	40,783	40,915
Unemployed	3,083	3,017	2,977	2,936	2,923	2,792	2,952	2,924	2,795	2,886	2,872	2,858	2,624
Unemployment rate	7.1	7.0	6.9	6.8	6.8	6.4	6.8	6.8	6.4	6.6	6.6	6.5	6.0
South Atlantic													
Civilian noninstitutional population ²	34,170	34,220	34,265	34,317	34,355	34,396	34,441	34,480	34,516	34,555	34,596	34,632	34,672
Civilian labor force	22,460	22,448	22,480	22,577	22,588	22,815	22,729	22,679	22,746	22,722	22,594	22,675	22,645
Employed	20,868	20,906	20,949	21,140	21,100	21,360	21,226	21,199	21,356	21,257	21,135	21,208	21,350
Unemployed	1,592	1,542	1,531	1,437	1,488	1,456	1,502	1,480	1,390	1,465	1,458	1,467	1,295
Unemployment rate	7.1	6.9	6.8	6.4	6.6	6.4	6.6	6.5	6.1	6.4	6.5	6.5	5.7
East South Central													
Civilian noninstitutional population ²	11,724	11,731	11,740	11,748	11,753	11,759	11,766	11,778	11,791	11,804	11,818	11,830	11,844
Civilian labor force	7,359	7,345	7,383	7,390	7,298	7,404	7,429	7,336	7,470	7,476	7,444	7,432	7,421
Employed	6,868	6,843	6,883	6,872	6,819	6,981	6,883	6,799	6,945	6,983	6,966	6,968	6,957
Unemployed	491	502	500	518	479	423	546	537	525	492	478	463	463
Unemployment rate	6.7	6.8	6.8	7.0	6.6	5.7	7.3	7.3	7.0	6.6	6.4	6.2	6.2
West South Central													
Civilian noninstitutional population ²	20,068	20,085	20,103	20,122	20,133	20,147	20,164	20,189	20,213	20,239	20,264	20,288	20,315
Civilian labor force	13,317	13,316	13,298	13,283	13,212	13,240	13,260	13,224	13,352	13,327	13,384	13,534	13,473
Employed	12,317	12,343	12,352	12,301	12,257	12,327	12,356	12,317	12,472	12,398	12,449	12,607	12,608
Unemployed	1,000	973	946	982	955	913	904	907	880	929	935	927	865
Unemployment rate	7.5	7.3	7.1	7.4	7.2	6.9	6.8	6.9	6.6	7.0	7.0	6.9	6.4

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.
MIDWEST													
Civilian noninstitutional population ²	45,936	45,962	45,987	46,014	46,028	46,042	46,064	46,095	46,123	46,155	46,191	46,219	46,253
Civilian labor force	31,389	31,221	31,243	31,373	31,316	31,208	31,190	31,153	31,488	31,663	31,679	31,776	31,616
Employed	29,352	29,307	29,343	29,430	29,374	29,224	29,315	29,216	29,483	29,662	29,830	30,034	29,745
Unemployed	2,037	1,914	1,900	1,944	1,942	1,985	1,875	1,936	2,005	2,001	1,849	1,742	1,871
Unemployment rate	6.5	6.1	6.1	6.2	6.2	6.4	6.0	6.2	6.4	6.3	5.8	5.5	5.9
East North Central													
Civilian noninstitutional population ²	32,397	32,415	32,433	32,453	32,461	32,473	32,489	32,511	32,530	32,552	32,577	32,595	32,619
Civilian labor force	21,839	21,675	21,678	21,792	21,722	21,640	21,696	21,697	21,897	21,994	22,010	22,064	21,840
Employed	20,250	20,202	20,213	20,303	20,279	20,176	20,320	20,237	20,378	20,512	20,632	20,749	20,407
Unemployed	1,588	1,473	1,465	1,489	1,443	1,464	1,376	1,461	1,520	1,482	1,378	1,316	1,433
Unemployment rate	7.3	6.8	6.8	6.8	6.6	6.8	6.3	6.7	6.9	6.7	6.3	6.0	6.6
West North Central													
Civilian noninstitutional population ²	13,539	13,547	13,554	13,562	13,567	13,569	13,575	13,584	13,593	13,603	13,614	13,624	13,633
Civilian labor force	9,550	9,546	9,565	9,581	9,594	9,568	9,494	9,455	9,591	9,669	9,668	9,712	9,776
Employed	9,101	9,105	9,130	9,127	9,095	9,048	8,995	8,980	9,106	9,150	9,197	9,285	9,338
Unemployed	449	441	435	454	499	521	500	476	485	519	471	427	438
Unemployment rate	4.7	4.6	4.5	4.7	5.2	5.4	5.3	5.0	5.1	5.4	4.9	4.4	4.5
WEST													
Civilian noninstitutional population ²	40,544	40,616	40,687	40,761	40,824	40,886	40,955	41,014	41,067	41,126	41,184	41,240	41,297
Civilian labor force	27,159	27,066	27,210	27,212	27,218	27,306	27,327	27,245	27,320	27,253	27,468	27,306	27,443
Employed	24,925	24,760	24,879	24,911	24,965	25,026	25,096	25,125	25,208	25,096	25,153	25,125	25,211
Unemployed	2,234	2,306	2,331	2,301	2,252	2,280	2,230	2,120	2,112	2,156	2,315	2,181	2,232
Unemployment rate	8.2	8.5	8.6	8.5	8.3	8.3	8.2	7.8	7.7	7.9	8.4	8.0	8.1
Mountain													
Civilian noninstitutional population ²	10,232	10,247	10,259	10,274	10,286	10,296	10,310	10,332	10,353	10,376	10,399	10,420	10,443
Civilian labor force	6,877	6,864	6,894	6,911	6,945	6,848	6,934	6,892	7,011	7,032	7,024	7,048	7,016
Employed	6,437	6,436	6,467	6,470	6,488	6,452	6,499	6,460	6,595	6,615	6,643	6,642	6,605
Unemployed	440	428	427	441	457	396	435	432	416	417	381	406	412
Unemployment rate	6.4	6.2	6.2	6.4	6.6	5.8	6.3	6.3	5.9	5.9	5.4	5.8	5.9
Pacific													
Civilian noninstitutional population ²	30,312	30,369	30,428	30,488	30,538	30,590	30,645	30,682	30,714	30,750	30,785	30,820	30,854
Civilian labor force	20,282	20,202	20,316	20,301	20,273	20,458	20,392	20,352	20,309	20,221	20,444	20,258	20,427
Employed	18,489	18,325	18,412	18,441	18,477	18,575	18,598	18,665	18,613	18,481	18,510	18,482	18,606
Unemployed	1,794	1,878	1,904	1,860	1,796	1,884	1,795	1,688	1,697	1,740	1,935	1,776	1,821
Unemployment rate	8.8	9.3	9.4	9.2	8.9	9.2	8.8	8.3	8.4	8.6	9.5	8.8	8.9

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Alabama													
Civilian labor force	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	1,966.0	1,966.8	1,959.2	1,958.1
Employed	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	1,824.1	1,817.8	1,808.6	1,815.8
Unemployed	141.4	134.9	122.1	131.9	135.3	156.0	147.4	155.6	145.9	141.9	149.0	150.5	142.3
Unemployment rate	7.2	6.9	6.3	6.8	7.0	7.9	7.5	7.9	7.5	7.2	7.8	7.7	7.3
Alaska													
Civilian labor force	262.9	262.6	281.8	263.8	263.1	264.0	263.7	267.1	265.1	269.7	270.1	268.7	267.4
Employed	236.0	240.3	237.5	240.7	241.1	241.6	242.0	247.2	243.8	246.9	248.9	247.5	246.8
Unemployed	24.8	22.4	24.3	23.1	22.0	22.4	21.6	19.9	21.3	22.8	21.2	21.3	20.6
Unemployment rate	9.5	8.5	9.3	8.8	8.4	8.5	8.2	7.5	8.1	8.5	7.9	7.9	7.7
Arizona													
Civilian labor force	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	1,721.1	1,712.4	1,736.4	1,750.2
Employed	1,589.6	1,811.8	1,607.1	1,606.7	1,615.7	1,639.9	1,603.6	1,613.8	1,584.5	1,612.6	1,610.0	1,640.0	1,652.5
Unemployed	124.1	125.3	128.3	128.0	126.5	136.9	126.9	125.6	123.8	108.5	102.4	96.4	97.7
Unemployment rate	7.2	7.2	7.4	7.3	7.3	7.7	7.3	7.2	7.2	6.3	6.0	5.6	5.6
Arkansas													
Civilian labor force	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	1,147.5	1,170.5	1,173.1	1,177.5
Employed	1,069.7	1,062.9	1,061.0	1,041.0	1,038.8	1,027.3	1,045.5	1,081.0	1,068.1	1,073.8	1,102.5	1,107.4	1,107.3
Unemployed	80.5	82.6	81.9	83.6	82.9	80.8	74.3	71.5	66.8	73.7	68.0	65.7	70.2
Unemployment rate	7.0	7.2	7.2	7.4	7.4	7.3	6.6	6.3	5.9	6.4	5.8	5.6	6.0
California¹													
Civilian labor force	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	15,202.4	15,400.3	15,186.2
Employed	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	13,815.6	13,896.8	13,814.5
Unemployed	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	1,386.8	1,503.4	1,371.7
Unemployment rate	9.7	9.5	9.8	10.0	9.8	9.5	9.8	9.4	8.6	8.7	9.1	9.8	9.0
Colorado													
Civilian labor force	1,765.5	1,752.7	1,766.6	1,768.5	1,770.0	1,802.9	1,784.6	1,794.7	1,765.3	1,775.1	1,774.4	1,797.4	1,798.4
Employed	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	1,678.4	1,702.6	1,703.1
Unemployed	111.0	104.2	102.2	100.7	99.2	104.6	101.0	103.7	93.5	100.1	96.0	94.8	95.2
Unemployment rate	6.3	5.9	5.8	5.7	5.6	5.8	5.7	5.8	5.3	5.6	5.4	5.3	5.3
Connecticut													
Civilian labor force	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	1,758.3	1,788.2	1,813.1	1,807.3
Employed	1,657.6	1,850.3	1,667.4	1,859.5	1,853.1	1,635.4	1,627.7	1,626.3	1,620.9	1,628.1	1,668.7	1,694.6	1,689.9
Unemployed	134.5	136.1	134.5	136.6	132.7	124.3	118.7	122.8	130.9	130.2	119.5	118.5	117.4
Unemployment rate	7.5	7.6	7.5	7.6	7.4	7.1	6.8	7.0	7.5	7.4	6.7	6.5	6.5
Delaware													
Civilian labor force	373.2	374.8	375.1	375.4	376.3	378.5	378.6	376.7	377.8	374.5	379.3	380.1	380.7
Employed	353.7	355.9	354.9	358.1	358.8	381.8	359.1	357.4	358.4	358.1	364.0	361.8	361.7
Unemployed	19.6	19.0	20.2	17.4	17.7	16.7	19.4	19.3	19.5	16.4	15.3	18.2	19.0
Unemployment rate	5.2	5.1	5.4	4.6	4.7	4.4	5.1	5.1	5.1	4.4	4.0	4.8	5.0
District of Columbia													
Civilian labor force	271.9	272.5	270.2	268.7	268.0	264.8	271.3	270.0	273.2	272.3	267.4	271.1	269.8
Employed	247.7	248.9	247.1	244.7	244.3	239.5	247.6	247.2	250.5	249.6	244.8	249.0	246.4
Unemployed	24.1	23.6	23.1	24.0	23.7	25.3	23.7	22.8	22.7	22.6	22.6	22.1	23.4
Unemployment rate	8.9	8.7	8.6	8.9	8.8	9.6	8.7	8.5	8.3	8.3	8.5	8.2	8.7
Florida¹													
Civilian labor force	6,590.1	6,628.2	6,592.4	6,572.6	6,566.1	6,643.8	6,713.9	6,667.7	6,689.9	6,790.3	6,803.3	6,686.3	6,581.5
Employed	6,029.6	6,051.6	6,090.6	6,066.1	6,109.2	6,124.8	6,262.6	6,205.8	6,246.4	6,299.4	6,324.2	6,216.7	6,112.2
Unemployed	560.5	576.8	501.8	504.5	476.9	519.0	451.3	461.9	443.4	490.9	479.1	469.6	469.2
Unemployment rate	8.5	8.7	7.6	7.7	7.2	7.8	6.7	6.9	6.6	7.2	7.0	7.0	7.1

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Georgia													
Civilian labor force	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	3,284.2	3,278.6	3,290.2	3,292.2
Employed	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	3,108.6	3,118.5	3,119.2	3,131.5
Unemployed	246.4	228.3	240.2	228.1	216.7	217.0	214.6	218.1	199.9	175.6	160.0	171.0	160.7
Unemployment rate	7.6	7.0	7.4	7.0	6.7	6.6	6.5	6.7	6.1	5.3	4.9	5.2	4.9
Hawaii													
Civilian labor force	575.1	575.5	576.1	577.3	577.5	576.5	569.7	570.8	578.2	576.7	575.5	580.2	579.7
Employed	547.4	547.2	546.9	548.3	550.0	549.5	542.4	543.6	549.8	549.3	549.4	552.9	553.6
Unemployed	27.7	28.3	29.2	29.0	27.6	27.0	27.3	27.2	28.4	27.4	26.0	27.3	26.0
Unemployment rate	4.8	4.9	5.1	5.0	4.8	4.7	4.8	4.8	4.9	4.8	4.5	4.7	4.5
Idaho													
Civilian labor force	521.9	522.9	521.3	522.3	520.4	520.9	516.0	513.9	509.1	520.3	520.3	525.3	531.7
Employed	488.6	489.1	488.2	489.3	488.2	486.4	482.9	477.9	473.6	483.9	486.8	493.4	500.2
Unemployed	33.3	33.9	33.1	33.0	32.2	34.5	33.1	36.0	35.5	36.4	33.6	32.0	31.4
Unemployment rate	6.4	6.5	6.3	6.3	6.2	6.6	6.4	7.0	7.0	7.0	6.5	6.1	5.9
Illinois¹													
Civilian labor force	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	6,158.6	6,131.2	6,131.5
Employed	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	5,664.6	5,691.0	5,663.3
Unemployed	406.3	428.1	360.3	398.5	431.8	392.8	479.4	509.6	489.7	512.5	493.9	440.2	468.2
Unemployment rate	6.7	7.0	5.9	6.5	7.0	6.5	7.9	8.4	8.1	8.3	8.0	7.2	7.6
Indiana													
Civilian labor force	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	2,888.3	2,917.3	2,991.9	3,001.1
Employed	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	2,708.4	2,741.5	2,857.0	2,871.2
Unemployed	185.1	187.1	175.5	185.6	181.9	176.0	171.7	134.5	165.7	179.9	175.7	134.9	129.8
Unemployment rate	6.5	6.5	6.2	6.6	6.4	6.3	6.1	4.7	5.7	6.2	6.0	4.5	4.3
Iowa													
Civilian labor force	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	1,577.5	1,599.8	1,596.8	1,594.9
Employed	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	1,508.6	1,536.8	1,532.4	1,543.9
Unemployed	66.0	68.4	66.6	65.8	67.0	69.5	67.5	69.0	68.0	68.9	63.0	64.4	51.0
Unemployment rate	4.2	4.4	4.3	4.2	4.3	4.4	4.3	4.4	4.3	4.4	3.9	4.0	3.2
Kansas													
Civilian labor force	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	1,338.5	1,339.4	1,334.8	1,328.0
Employed	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	1,268.5	1,267.6	1,270.5	1,264.0
Unemployed	56.7	57.2	55.1	55.7	56.2	58.1	61.0	66.6	67.2	70.0	71.8	64.2	64.0
Unemployment rate	4.2	4.3	4.1	4.2	4.2	4.3	4.5	5.0	5.0	5.2	5.4	4.8	4.8
Kentucky													
Civilian labor force	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	1,771.9	1,779.4	1,774.0
Employed	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	1,646.7	1,655.5	1,664.6	1,656.0
Unemployed	131.0	121.9	126.1	112.7	113.8	110.5	97.0	113.8	115.6	133.1	116.4	114.8	118.0
Unemployment rate	7.4	6.9	7.2	6.4	6.5	6.2	5.5	6.4	6.5	7.5	6.6	6.5	6.7
Louisiana													
Civilian labor force	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	1,895.4	1,874.0	1,842.4	1,871.1
Employed	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	1,743.8	1,720.5	1,732.9
Unemployed	152.4	158.6	150.9	151.1	153.8	151.5	134.7	135.8	130.1	139.6	130.2	121.9	138.2
Unemployment rate	7.9	8.3	7.9	8.0	8.2	8.0	7.1	7.2	7.0	7.4	6.9	6.6	7.4
Maine													
Civilian labor force	664.8	664.2	660.6	663.7	659.9	662.0	654.0	657.4	652.1	652.6	652.3	647.1	654.3
Employed	618.6	617.6	616.1	616.8	612.3	611.6	600.7	602.9	598.9	600.8	596.4	599.0	604.7
Unemployed	46.2	46.6	44.5	46.9	47.6	50.5	53.3	54.5	53.3	51.9	56.0	48.1	49.6
Unemployment rate	6.9	7.0	6.7	7.1	7.2	7.6	8.2	8.3	8.2	7.9	8.6	7.4	7.6

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Maryland													
Civilian labor force	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	2,549.5	2,562.7	2,559.4	2,586.3
Employed	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	2,390.8	2,389.0	2,387.7	2,409.4
Unemployed	175.0	174.9	170.5	167.3	164.6	151.6	160.4	162.2	168.1	158.7	173.8	171.7	177.0
Unemployment rate	6.6	6.6	6.5	6.4	6.2	5.8	6.1	6.2	6.5	6.2	6.8	6.7	6.8
Massachusetts¹													
Civilian labor force	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	3,136.9	3,107.0	3,145.1
Employed	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	2,949.9	2,910.3	2,924.8
Unemployed	262.3	265.9	262.4	277.0	271.2	263.6	241.3	204.2	201.6	210.4	187.0	196.8	220.3
Unemployment rate	8.4	8.6	8.4	8.9	8.6	8.2	7.7	6.4	6.5	6.7	6.0	6.3	7.0
Michigan¹													
Civilian labor force	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	4,663.4	4,725.3	4,709.2	4,686.7
Employed	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	4,379.6	4,364.3	4,380.5
Unemployed	409.5	402.4	396.2	369.9	369.4	325.6	309.4	288.6	308.2	327.6	345.7	344.9	306.2
Unemployment rate	8.9	8.7	8.6	8.0	8.0	7.1	6.8	6.3	6.7	7.0	7.3	7.3	6.5
Minnesota													
Civilian labor force	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	2,472.3	2,505.4	2,476.0	2,478.2
Employed	2,307.6	2,317.2	2,319.3	2,317.5	2,346.1	2,373.4	2,340.9	2,383.6	2,353.7	2,332.0	2,364.2	2,351.7	2,364.5
Unemployed	121.7	119.7	124.6	128.3	121.3	132.2	143.2	126.4	138.2	140.3	141.3	124.2	113.7
Unemployment rate	5.0	4.9	5.1	5.2	4.9	5.3	5.8	5.1	5.5	5.7	5.6	5.0	4.6
Mississippi													
Civilian labor force	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	1,198.1	1,199.7	1,186.3	1,198.7
Employed	1,092.6	1,099.5	1,098.6	1,103.6	1,098.8	1,098.0	1,099.8	1,108.9	1,102.3	1,110.1	1,125.2	1,121.6	1,133.8
Unemployed	102.6	97.6	92.9	84.1	81.1	72.1	74.6	82.1	88.0	88.0	74.5	64.7	64.9
Unemployment rate	8.6	8.2	7.8	7.1	6.9	6.2	6.4	6.9	7.4	7.3	6.2	5.5	5.4
Missouri													
Civilian labor force	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	2,649.4	2,652.2	2,685.6	2,689.5
Employed	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	2,471.7	2,522.4	2,533.1
Unemployed	153.9	155.2	144.9	135.0	145.7	154.5	160.5	175.9	178.1	165.0	180.5	163.2	156.4
Unemployment rate	5.7	5.8	5.4	5.0	5.5	5.8	6.1	6.7	6.8	6.2	6.8	6.1	5.8
Montana													
Civilian labor force	410.6	411.9	413.2	411.5	409.5	406.1	402.9	406.5	401.9	408.1	413.3	417.8	414.9
Employed	380.4	383.7	387.1	388.2	383.2	377.1	374.4	379.9	376.1	383.5	388.3	392.2	387.0
Unemployed	30.2	28.2	26.1	23.3	26.2	29.0	28.5	26.6	25.8	24.6	25.0	25.5	27.9
Unemployment rate	7.4	6.8	6.3	5.7	6.4	7.1	7.1	6.5	6.4	6.0	6.1	6.1	6.7
Nebraska													
Civilian labor force	856.7	853.1	852.5	848.3	847.5	848.2	857.3	863.5	868.4	871.1	868.8	869.1	868.1
Employed	831.8	828.3	828.4	825.6	823.7	824.3	833.9	837.3	843.7	844.5	842.3	846.0	847.3
Unemployed	24.9	24.8	24.1	22.7	23.8	23.9	23.4	26.2	24.7	26.6	26.5	23.1	20.8
Unemployment rate	2.9	2.9	2.8	2.7	2.8	2.8	2.7	3.0	2.8	3.1	3.1	2.7	2.4
Nevada													
Civilian labor force	677.2	678.4	680.5	683.4	680.3	683.0	679.5	674.5	688.3	692.7	712.2	720.1	713.7
Employed	629.2	631.9	635.6	639.3	637.8	635.1	633.5	627.5	639.0	643.9	661.7	671.9	667.4
Unemployed	48.0	46.5	44.9	44.1	42.6	48.0	46.0	47.0	47.2	48.8	50.4	48.2	46.3
Unemployment rate	7.1	6.9	6.6	6.5	6.3	7.0	6.8	7.0	6.9	7.0	7.1	6.7	6.5
New Hampshire													
Civilian labor force	633.4	634.4	639.2	643.9	641.3	644.1	656.7	649.1	640.9	636.9	635.0	631.4	642.2
Employed	585.9	586.1	591.8	596.4	595.0	592.3	601.5	594.0	591.4	595.5	594.1	592.1	601.6
Unemployed	47.5	48.3	47.4	47.5	46.3	51.8	55.2	55.1	49.5	41.4	40.9	39.2	40.6
Unemployment rate	7.5	7.6	7.4	7.4	7.2	8.0	8.4	8.5	7.7	6.5	6.4	6.2	6.3

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
New Jersey¹													
Civilian labor force	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	3,984.8	3,912.6	3,942.0
Employed	3,583.8	3,624.5	3,649.0	3,650.6	3,676.3	3,640.2	3,608.8	3,596.7	3,575.8	3,706.1	3,710.5	3,641.5	3,662.0
Unemployed	363.4	357.1	325.0	347.8	331.9	289.7	306.2	325.1	358.3	295.1	274.3	271.1	280.0
Unemployment rate	9.2	9.0	8.2	8.7	8.3	7.4	7.8	8.3	9.1	7.4	6.9	6.9	7.1
New Mexico													
Civilian labor force	722.7	725.8	725.8	727.2	721.5	727.5	734.0	732.3	731.6	737.5	736.1	738.2	735.8
Employed	673.0	675.8	677.5	681.0	678.0	680.0	685.0	681.0	680.8	682.8	681.8	684.6	681.6
Unemployed	49.7	50.0	48.3	46.2	43.5	47.5	49.0	51.3	50.7	54.6	54.3	53.8	54.2
Unemployment rate	6.9	6.9	6.7	6.3	6.0	6.5	6.7	7.0	6.9	7.4	7.4	7.3	7.4
New York¹													
Civilian labor force	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	8,490.8	8,510.7	8,482.3
Employed	7,811.2	7,761.4	7,733.3	7,830.8	7,858.2	7,878.6	7,946.3	7,985.3	7,960.2	7,926.1	7,825.1	7,870.8	7,814.3
Unemployed	727.9	749.0	736.8	700.2	725.7	730.8	688.4	628.9	598.4	644.9	665.7	639.8	667.9
Unemployment rate	8.5	8.8	8.7	8.2	8.5	8.5	8.0	7.3	7.0	7.5	7.8	7.5	7.9
North Carolina¹													
Civilian labor force	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	3,503.7	3,476.3	3,448.3
Employed	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	3,314.8	3,318.5	3,290.5
Unemployed	214.7	206.7	197.2	207.1	196.9	191.9	183.1	186.7	192.7	178.5	189.0	157.8	157.9
Unemployment rate	6.1	5.9	5.6	5.9	5.6	5.4	5.2	5.3	5.5	5.1	5.4	4.5	4.6
North Dakota													
Civilian labor force	309.8	313.6	312.2	313.8	313.6	313.4	314.3	313.8	319.2	322.2	314.6	313.5	311.6
Employed	294.8	298.6	297.4	299.4	299.2	299.6	300.1	298.7	303.5	305.9	299.5	300.2	298.7
Unemployed	15.1	14.9	14.8	14.4	14.4	13.8	14.2	15.1	15.7	16.4	15.1	13.4	12.9
Unemployment rate	4.9	4.8	4.7	4.6	4.6	4.4	4.5	4.8	4.9	5.1	4.8	4.3	4.2
Ohio¹													
Civilian labor force	5,548.9	5,522.7	5,457.3	5,420.2	5,438.6	5,507.8	5,494.8	5,482.7	5,463.3	5,446.9	5,459.2	5,502.8	5,501.8
Employed	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	5,140.6	5,123.9	5,192.9
Unemployed	415.2	396.1	400.0	405.4	395.2	385.9	368.6	357.1	355.0	332.9	318.6	378.9	308.9
Unemployment rate	7.5	7.2	7.3	7.5	7.3	7.0	6.7	6.5	6.5	6.1	5.8	6.9	5.6
Oklahoma													
Civilian labor force	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	1,497.2	1,521.1	1,520.2	1,539.9
Employed	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	1,407.2	1,428.7	1,423.7	1,448.3
Unemployed	89.4	86.9	79.0	78.2	82.4	85.3	79.7	91.6	99.5	90.0	94.4	96.5	91.6
Unemployment rate	5.9	5.7	5.2	5.1	5.4	5.6	5.2	6.0	6.6	6.0	6.2	6.3	5.9
Oregon													
Civilian labor force	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	1,531.0	1,569.6	1,560.9	1,564.5
Employed	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	1,418.0	1,457.0	1,439.4	1,450.6
Unemployed	116.9	117.7	114.5	112.6	112.1	112.1	114.5	111.7	117.7	113.1	112.6	121.5	113.9
Unemployment rate	7.6	7.6	7.4	7.3	7.3	7.2	7.3	7.1	7.6	7.4	7.2	7.8	7.3
Pennsylvania¹													
Civilian labor force	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	5,976.8	6,029.4	6,086.7
Employed	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	5,563.9	5,591.9	5,632.3
Unemployed	477.3	455.4	452.3	441.2	442.2	453.3	422.5	410.6	394.4	424.8	412.9	437.5	454.4
Unemployment rate	7.9	7.6	7.5	7.3	7.3	7.5	7.0	6.9	6.6	7.1	6.9	7.3	7.5
Rhode Island													
Civilian labor force	531.3	526.6	525.0	526.6	523.4	532.4	528.3	522.9	521.8	523.6	523.1	520.2	519.1
Employed	483.2	481.0	481.1	482.8	481.7	489.7	485.8	480.5	477.9	481.3	480.7	485.6	483.5
Unemployed	48.1	45.6	43.8	43.8	41.7	42.7	40.5	42.5	43.9	42.3	42.4	34.6	35.6
Unemployment rate	9.1	8.7	8.3	8.3	8.0	8.0	7.7	8.1	8.4	8.1	8.1	6.7	6.8

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
South Carolina													
Civilian labor force	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	1,799.6	1,792.4	1,797.0	1,817.2
Employed	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	1,666.5	1,667.3	1,686.8
Unemployed	107.6	107.8	106.9	105.6	102.8	112.0	104.1	108.8	123.6	128.5	125.9	129.7	130.4
Unemployment rate	6.0	6.1	6.0	5.9	5.7	6.3	5.9	6.2	7.0	7.1	7.0	7.2	7.2
South Dakota													
Civilian labor force	359.8	359.4	360.6	365.7	364.5	366.0	365.4	365.9	364.1	362.9	366.9	369.6	370.9
Employed	349.7	349.0	350.1	355.1	353.2	352.0	351.3	353.3	352.0	351.4	356.2	359.7	360.9
Unemployed	10.0	10.4	10.5	10.6	11.3	14.0	14.1	12.6	12.1	11.5	10.7	9.9	10.0
Unemployment rate	2.8	2.9	2.9	2.9	3.1	3.8	3.9	3.4	3.3	3.2	2.9	2.7	2.7
Tennessee													
Civilian labor force	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	2,460.8	2,452.7	2,477.4	2,483.8
Employed	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	2,311.2	2,306.1	2,338.5	2,347.1
Unemployed	158.0	155.7	141.5	147.2	149.3	162.8	146.7	151.5	164.7	149.6	146.6	138.9	136.7
Unemployment rate	6.5	6.4	5.7	6.0	6.0	6.6	5.9	6.2	6.8	6.1	6.0	5.6	5.5
Texas¹													
Civilian labor force	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	8,768.2	8,848.3	8,927.9
Employed	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	8,151.0	8,215.0	8,284.1
Unemployed	627.8	670.8	657.2	665.5	674.1	682.0	655.8	588.9	583.0	569.7	617.2	633.4	643.9
Unemployment rate	7.2	7.7	7.5	7.6	7.7	7.8	7.5	6.8	6.7	6.5	7.0	7.2	7.2
Utah													
Civilian labor force	807.2	809.1	812.1	813.9	814.9	822.5	827.5	831.1	829.1	840.3	849.5	852.7	849.7
Employed	765.9	767.7	769.4	770.9	771.4	783.1	795.4	801.3	798.0	805.9	810.5	819.7	821.4
Unemployed	41.3	41.4	42.7	43.0	43.5	39.4	32.1	29.8	31.1	34.4	38.9	33.0	28.3
Unemployment rate	5.1	5.1	5.3	5.3	5.3	4.8	3.9	3.6	3.7	4.1	4.6	3.9	3.3
Vermont													
Civilian labor force	324.1	322.5	321.8	329.1	325.0	322.3	327.2	322.9	326.5	332.7	334.1	323.0	325.4
Employed	302.8	301.3	301.7	308.5	305.4	302.2	306.0	300.5	305.8	311.6	315.3	305.7	309.3
Unemployed	21.3	21.2	20.2	20.7	19.5	20.2	21.2	22.3	22.7	21.0	18.8	17.4	16.1
Unemployment rate	6.6	6.6	6.3	6.3	6.0	6.3	6.5	6.9	6.9	6.3	5.6	5.4	5.0
Virginia													
Civilian labor force	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	3,414.2	3,358.6	3,347.8	3,330.7
Employed	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	3,239.1	3,184.8	3,156.8	3,147.3
Unemployed	214.7	212.2	204.6	203.2	197.8	195.0	163.2	164.7	172.0	175.1	173.8	191.0	183.4
Unemployment rate	6.4	6.4	6.1	6.1	5.9	5.8	4.8	4.8	5.0	5.1	5.2	5.7	5.5
Washington													
Civilian labor force	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	2,612.6	2,618.3	2,608.3	2,610.9
Employed	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	2,414.0	2,415.8	2,384.9	2,394.5
Unemployed	195.6	197.5	205.2	211.3	201.4	209.4	206.3	197.8	198.8	198.6	202.6	223.4	216.4
Unemployment rate	7.5	7.6	7.9	8.1	7.8	8.0	7.8	7.5	7.6	7.6	7.7	8.6	8.3
West Virginia													
Civilian labor force	758.9	760.3	759.5	760.0	762.3	771.8	777.3	773.2	778.9	771.8	776.0	765.9	770.0
Employed	675.8	675.9	676.4	680.7	682.1	689.5	694.3	686.5	685.8	680.4	676.8	689.3	695.9
Unemployed	83.1	84.4	83.1	79.3	80.2	82.3	83.1	86.7	93.1	91.5	99.1	76.6	74.1
Unemployment rate	11.0	11.1	10.9	10.4	10.5	10.7	10.7	11.2	12.0	11.8	12.8	10.0	9.6
Wisconsin													
Civilian labor force	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	2,699.5	2,689.3	2,695.5	2,685.5
Employed	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	2,554.9	2,553.4	2,566.6	2,559.3
Unemployed	143.1	149.6	133.8	115.3	124.2	123.1	128.1	115.4	128.7	144.6	136.0	128.9	126.2
Unemployment rate	5.3	5.6	5.0	4.3	4.6	4.5	4.7	4.2	4.7	5.4	5.1	4.8	4.7
Wyoming													
Civilian labor force	239.5	240.5	239.9	239.2	238.1	237.6	236.9	238.4	236.0	236.1	238.2	240.2	238.3
Employed	226.0	227.4	227.6	227.6	226.6	226.0	224.9	226.1	223.1	223.2	223.6	224.9	223.5
Unemployed	13.5	13.1	12.3	11.6	11.5	11.7	12.0	12.3	12.9	12.8	14.6	15.3	14.8
Unemployment rate	5.6	5.4	5.1	4.9	4.8	4.9	5.1	5.2	5.5	5.4	6.1	6.4	6.2

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Alabama	1,965.9	1,972.4	1,961.6	147.4	160.3	148.4	7.5	8.1	7.6
Birmingham	453.4	454.1	453.1	29.0	27.5	27.8	6.4	6.0	8.1
Huntsville	138.1	140.1	138.3	8.7	9.8	7.4	4.9	7.0	5.3
Mobile	229.9	231.0	231.1	18.9	19.6	20.1	8.2	8.5	8.7
Montgomery	142.7	145.0	144.1	9.7	10.4	9.1	8.8	7.2	6.3
Tuscaloosa	72.7	74.7	75.2	4.4	4.6	4.4	8.0	8.2	5.9
Alaska	271.1	281.1	277.1	20.4	18.0	17.0	7.5	6.4	6.1
Anchorage	119.1	123.6	122.4	7.9	8.8	8.5	8.6	5.5	5.3
Arizona	1,702.1	1,727.8	1,734.3	128.9	100.9	99.9	7.6	5.8	5.8
Phoenix	1,039.2	1,061.8	1,061.8	65.2	48.8	47.9	8.3	4.8	4.5
Tucson	313.1	320.7	323.4	18.3	12.7	12.7	5.2	4.0	3.9
Arkansas	1,152.2	1,185.2	1,184.7	75.3	67.6	66.1	6.5	5.7	5.6
Fayetteville-Springdale	66.8	89.9	70.1	2.3	1.9	1.8	3.5	2.7	2.6
Fort Smith	93.8	95.0	94.3	6.2	5.5	5.3	8.6	5.7	5.6
Little Rock-North Little Rock	273.8	280.8	281.4	15.5	13.1	13.1	5.6	4.7	4.6
Pine Bluff	36.8	38.8	36.7	3.9	3.2	3.2	10.5	8.7	8.8
California¹	15,533.3	15,591.1	15,393.8	1,474.9	1,543.9	1,356.3	9.5	9.9	8.8
Anaheim-Santa Ana	1,385.5	1,403.2	1,385.5	93.0	104.0	90.1	6.7	7.4	6.5
Bakersfield	277.0	291.4	289.0	38.7	42.2	37.0	14.0	14.5	12.8
Fresno	364.9	385.6	385.8	44.7	53.1	45.3	12.2	13.8	11.7
Los Angeles-Long Beach ¹	4,644.0	4,548.0	4,493.0	496.0	431.0	395.0	10.7	9.5	8.8
Modesto	192.0	195.4	191.4	25.5	31.6	24.8	13.3	18.1	13.0
Oakland	1,134.5	1,139.4	1,127.2	79.9	88.1	77.9	7.0	7.7	6.9
Oxnard-Ventura	388.8	397.1	385.3	36.4	41.3	35.4	9.4	10.4	9.2
Riverside-San Bernardino	1,152.2	1,173.3	1,147.8	142.6	159.8	139.7	12.4	13.6	12.2
Sacramento	800.6	810.5	798.7	62.5	70.5	60.3	7.8	8.7	7.5
Salinas-Seaside-Monterey	175.0	180.2	177.2	18.5	19.3	16.4	9.5	10.7	9.2
San Diego	1,221.9	1,225.5	1,211.9	97.0	113.3	99.4	7.9	9.2	8.2
San Francisco	899.9	902.4	895.0	60.6	65.9	57.4	6.7	7.3	6.4
San Jose	836.6	842.8	833.3	58.7	66.7	58.0	7.0	7.9	7.0
Santa Barbara-Santa Maria-Lompoc	186.8	186.0	181.6	15.3	16.0	14.5	8.2	8.6	8.0
Santa Rosa-Petaluma	223.3	221.3	221.7	16.2	16.5	14.6	7.3	7.5	6.6
Stockton	223.8	226.2	224.3	27.2	32.8	27.2	12.2	14.5	12.1
Vallejo-Fairfield-Napa	219.3	222.7	219.5	18.1	21.4	18.8	8.3	9.6	8.6
Colorado	1,785.5	1,828.1	1,817.8	104.5	95.2	88.3	5.9	5.2	4.9
Boulder-Longmont	143.2	149.7	148.0	6.4	6.0	5.3	4.5	4.0	3.6
Denver	899.0	926.7	919.3	51.7	48.2	45.2	5.8	5.2	4.9
Connecticut	1,815.6	1,841.7	1,835.2	136.4	123.3	119.9	7.6	6.7	6.5
Bridgeport-Milford	233.9	238.3	236.0	20.7	17.8	17.3	8.9	7.5	7.3
Hartford	427.8	431.8	425.4	31.7	29.8	29.6	7.4	6.9	7.0
New Britain	77.1	77.3	77.3	7.5	6.7	6.6	9.7	8.6	8.5
New Haven-Meriden	288.4	290.0	288.5	21.4	19.9	19.5	7.4	6.8	6.7
Stamford	118.9	120.9	120.0	6.4	5.2	5.1	5.3	4.3	4.2
Waterbury	109.4	110.9	111.1	11.6	9.8	9.3	10.6	8.6	8.4
Delaware	375.7	384.0	382.9	19.1	19.3	18.7	5.1	5.0	4.9
Wilmington	313.8	316.8	317.4	18.2	17.8	17.2	5.8	5.6	5.4
District of Columbia	273.5	279.2	271.1	23.2	22.6	22.5	8.5	8.1	8.3
Washington	2,292.2	2,300.9	2,271.0	111.9	109.5	107.6	4.9	4.8	4.7
Florida¹	6,702.8	6,809.8	6,699.4	628.6	516.3	541.1	9.4	7.6	8.1
Daytona Beach	169.2	173.3	170.0	14.9	12.4	12.9	8.8	7.1	7.6
Fort Lauderdale-Hollywood-Pompano Beach	702.3	722.2	713.8	64.9	51.5	54.4	9.2	7.1	7.6
Fort Myers-Cape Coral	155.9	161.4	158.7	14.2	10.6	11.1	9.1	6.8	7.0
Gainesville	114.2	118.9	114.6	6.0	5.4	5.2	5.3	4.5	4.5
Jacksonville	483.9	489.3	480.4	36.8	30.7	31.0	7.6	6.3	6.5
Lakeland-Winter Haven	185.9	186.6	183.3	26.8	22.0	23.5	14.4	11.8	12.8
Melbourne-Titusville-Palm Bay	208.8	207.3	204.7	17.9	17.1	18.0	8.6	8.3	8.8
Miami-Hialeah	1,005.3	1,008.6	994.1	110.4	82.8	84.9	11.0	8.2	8.5
Orlando	685.6	704.9	669.6	53.6	42.8	44.1	7.8	6.1	6.4
Pensacola	159.2	162.2	159.8	10.2	9.0	9.7	6.4	5.6	6.1
Sarasota	130.8	133.8	130.8	9.0	7.4	7.9	8.9	5.5	6.0
Tallahassee	144.1	148.1	145.7	7.2	6.1	6.9	5.0	4.1	4.8
Tampa-St. Petersburg-Clearwater	1,061.2	1,072.5	1,059.4	85.0	74.6	77.7	8.0	7.0	7.3
West Palm Beach-Boca Raton-DeLray Beach	448.9	447.5	441.1	55.5	44.5	47.4	12.4	9.9	10.7

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Georgia	3,270.2	3,305.7	3,311.3	258.6	177.2	170.4	7.9	5.4	5.1
Albany	54.9	54.6	54.6	5.4	3.7	3.7	9.9	6.7	6.8
Athens	75.1	76.1	76.3	4.7	2.8	3.0	6.3	3.7	4.0
Atlanta	1,551.5	1,599.3	1,608.5	115.2	78.7	76.1	7.4	4.9	4.7
Augusta	202.4	201.8	200.9	13.9	12.3	11.9	6.9	6.1	5.9
Columbus	100.9	102.3	101.8	8.1	6.6	7.0	8.0	6.5	6.9
Macon-Warner Robins	132.4	131.3	131.7	10.0	8.7	6.8	7.5	5.1	5.1
Savannah	120.2	123.4	123.2	9.0	8.5	6.4	7.5	5.3	5.2
Hawaii	574.0	582.5	578.4	26.7	28.6	24.7	4.6	4.9	4.3
Honolulu	407.3	411.8	409.8	14.7	14.9	13.1	3.6	3.6	3.2
Idaho	528.5	538.5	538.7	30.1	28.5	27.9	5.7	5.3	5.2
Boise City	126.3	130.7	130.8	4.5	4.3	4.0	3.6	3.3	3.1
Illinois¹	6,118.6	6,244.9	6,175.2	399.6	433.0	452.0	6.5	6.9	7.3
Aurora-Elgin	201.6	204.6	202.4	13.3	13.7	14.2	6.6	6.7	7.0
Bloomington-Normal	79.2	80.1	79.2	3.1	3.4	3.3	3.9	4.2	4.1
Champaign-Urbana-Rantoul	93.0	94.2	90.7	4.0	5.5	5.5	4.3	5.8	6.1
Chicago	3,253.5	3,325.2	3,294.5	210.4	226.1	237.8	6.5	6.8	7.2
Davenport-Rock Island-Moline	190.2	192.2	189.7	12.8	10.7	9.9	6.7	5.6	5.2
Decatur	63.7	64.6	63.9	5.3	5.4	6.6	8.3	8.4	10.3
Joliet	234.9	237.5	234.8	15.4	18.6	17.4	6.6	7.0	7.4
Kankakee	53.2	52.1	51.6	3.7	3.9	4.0	7.0	7.5	7.8
Lake County	338.8	343.7	338.6	13.1	14.6	15.1	3.9	4.2	4.5
Peoria	173.3	175.3	172.9	11.0	11.3	11.8	6.3	6.5	8.8
Rockford	160.3	164.4	162.5	12.0	15.5	15.7	7.5	9.4	9.6
Springfield	126.6	122.9	127.0	5.6	6.0	6.4	4.4	4.9	5.0
Indiana	2,880.5	3,032.1	3,020.6	170.1	123.2	113.0	5.9	4.1	3.7
Anderson	58.5	60.2	59.3	4.9	3.7	2.9	8.3	6.1	4.9
Bloomington	59.9	65.2	63.1	2.5	1.8	1.7	4.2	2.8	2.6
Elkhart-Goshen	92.1	98.4	98.8	5.0	3.2	3.1	5.5	3.2	3.1
Evansville	147.5	154.0	153.7	9.0	6.2	5.8	6.1	4.0	3.8
Fort Wayne	201.4	211.9	212.2	11.3	8.0	7.5	5.6	3.6	3.5
Gary-Hammond	265.3	268.6	268.4	20.0	13.7	14.1	7.5	5.1	5.2
Indianapolis	699.5	739.9	737.7	33.0	22.6	22.0	4.7	3.0	3.0
Kokomo	47.7	51.9	49.9	3.0	3.9	1.9	6.4	7.5	3.8
Lafayette-West Lafayette	66.7	71.8	72.7	2.3	1.8	1.8	3.5	2.5	2.5
Muncie	60.4	63.8	63.2	3.7	2.9	2.5	6.1	4.5	3.9
South Bend-Mishawaka	128.1	133.3	133.4	7.6	4.9	4.6	6.0	3.7	3.5
Terre Haute	63.1	64.4	64.1	3.9	3.0	2.9	6.1	4.6	4.6
Iowa	1,559.2	1,617.1	1,597.4	62.6	60.8	48.3	4.0	3.7	3.0
Cedar Rapids	98.9	99.4	100.3	4.1	3.1	3.1	4.1	3.1	3.1
Des Moines	250.2	257.8	254.3	9.2	12.8	7.2	3.7	5.0	2.8
Dubuque	46.3	47.3	47.1	1.7	1.7	1.4	3.7	3.5	3.0
Iowa City	62.9	64.5	65.3	1.1	1.2	1.0	1.8	1.8	1.5
Sioux City	63.5	65.7	65.1	2.2	1.7	1.6	3.5	2.6	2.5
Waterloo-Cedar Falls	74.9	77.4	76.7	3.8	3.3	3.1	4.8	4.2	4.0
Kansas	1,341.9	1,360.5	1,333.6	58.0	83.2	65.8	4.3	4.6	4.9
Lawrence	46.6	46.2	46.9	1.5	1.7	1.8	3.3	3.6	3.8
Topeka	95.8	98.9	96.5	4.2	4.8	4.4	4.3	4.9	4.5
Wichita	266.9	289.3	263.9	13.0	14.9	16.0	4.9	5.5	8.1
Kentucky	1,785.5	1,809.2	1,796.4	127.1	114.2	113.0	7.1	6.3	6.3
Lexington-Fayette	198.9	205.3	204.4	9.5	8.6	8.9	4.8	4.2	4.4
Louisville	524.9	542.1	535.7	30.7	26.3	24.5	5.8	4.8	4.6
Owensboro	45.9	45.9	45.7	3.7	3.2	3.1	8.0	6.9	6.7
Louisiana	1,930.7	1,902.1	1,879.5	154.9	141.1	141.1	8.0	7.4	7.5
Alexandria	58.3	58.0	57.3	4.3	4.1	3.9	7.4	7.1	6.8
Baton Rouge	283.8	282.2	277.8	16.9	19.5	19.7	6.7	6.9	7.1
Houma-Thibodaux	69.2	68.6	67.6	6.5	4.8	4.9	9.4	7.0	7.3
Lafayette	109.0	105.1	104.4	7.7	5.9	5.8	7.1	5.8	5.5
Lake Charles	84.3	82.6	80.9	7.5	6.1	5.9	8.9	7.3	7.3
Monroe	70.0	68.6	67.6	4.6	4.5	4.3	6.9	6.5	6.4
New Orleans	578.0	564.8	558.2	41.5	40.4	40.8	7.2	7.2	7.3
Shreveport	158.1	157.6	156.2	10.7	10.2	10.2	6.8	6.5	6.5
Maine	678.8	668.1	667.2	37.6	44.0	40.7	5.5	6.6	6.1
Lewiston-Auburn	43.3	43.9	43.3	3.5	4.1	3.6	6.1	9.3	6.2
Portland	136.9	138.4	137.2	5.6	6.2	6.2	4.1	4.5	4.5

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Maryland	2,684.9	2,639.6	2,626.5	173.9	175.1	177.1	6.5	6.6	6.7
Baltimore	1,268.1	1,236.7	1,234.1	95.7	96.2	97.9	7.5	7.8	7.9
Massachusetts¹	3,155.9	3,162.6	3,184.2	252.6	208.2	208.7	8.0	6.6	6.6
Boston	1,541.8	1,549.3	1,559.2	112.4	89.5	91.3	7.3	5.8	5.9
Brockton	96.3	94.7	95.9	9.7	7.7	7.7	10.0	8.1	8.0
Fall River	75.8	75.9	76.1	7.9	8.4	7.3	10.5	11.0	9.5
Fitchburg-Leominster	46.4	46.1	46.4	4.4	3.8	3.7	9.6	8.2	7.9
Lawrence-Haverhill	194.2	192.5	194.3	18.8	16.1	16.8	9.7	8.3	8.6
Lowell	149.3	145.0	146.6	15.0	11.2	11.5	10.0	7.8	7.8
New Bedford	84.6	86.3	86.1	8.9	8.8	7.9	10.6	10.2	9.1
Pittsfield	40.9	42.2	42.6	3.5	2.9	2.9	8.5	6.8	6.8
Springfield	251.8	250.4	252.1	21.4	19.3	19.6	8.5	7.7	7.8
Worcester	221.2	221.4	222.2	18.2	14.4	14.4	8.2	6.5	6.5
Michigan¹	4,704.7	4,789.5	4,769.1	400.5	373.2	301.2	8.5	7.8	6.3
Ann Arbor	161.2	165.2	161.7	8.5	7.4	6.0	5.2	4.5	3.7
Battle Creek	66.0	67.0	67.1	4.8	4.9	3.9	7.3	7.3	5.9
Benton Harbor	80.7	81.6	81.7	7.1	6.4	5.3	8.8	7.9	6.5
Detroit	2,174.8	2,225.3	2,213.3	188.4	184.1	141.1	8.7	8.3	6.4
Flint	188.3	188.0	184.5	25.0	20.8	17.1	13.3	11.1	9.2
Grand Rapids	395.8	404.2	405.7	28.4	23.9	18.7	7.2	5.9	4.6
Jackson	67.3	67.9	67.5	6.8	5.8	4.7	10.1	8.6	7.0
Kalamazoo	122.4	123.4	123.6	6.8	5.8	4.7	5.6	4.7	3.8
Lansing-East Lansing	238.1	241.4	239.5	13.7	12.9	15.6	5.8	5.3	6.5
Muskegon	69.7	68.7	68.7	8.4	7.0	6.1	12.1	10.2	8.8
Saginaw-Bay City-Midland	194.8	196.7	196.6	15.7	14.6	11.8	8.0	7.4	6.0
Minnesota	2,452.2	2,514.2	2,495.9	112.9	108.6	103.6	4.6	4.3	4.2
Duluth	117.4	116.8	116.0	8.5	6.9	6.9	7.3	5.9	5.9
Minneapolis-St. Paul	1,442.1	1,475.7	1,465.3	62.1	58.9	56.1	4.3	4.0	3.8
Rochester	68.0	68.9	68.3	1.9	1.9	1.7	2.8	2.8	2.4
St. Cloud	104.7	109.5	108.2	4.6	4.8	4.8	4.4	4.4	4.4
Mississippi	1,199.3	1,218.3	1,204.7	109.2	77.5	71.8	9.1	6.4	6.0
Jackson	204.6	208.3	206.9	13.1	10.6	9.5	6.4	5.1	4.6
Missouri	2,678.7	2,707.5	2,679.7	155.8	167.5	159.3	5.8	6.2	5.9
Kansas City	875.8	891.0	877.9	44.3	46.1	47.4	5.1	5.2	5.4
St. Louis LMA	1,264.4	1,271.9	1,256.8	76.1	80.7	80.1	6.0	6.3	6.4
Springfield	136.3	137.1	135.9	6.6	6.6	6.2	4.9	4.8	4.6
Montana	415.6	424.1	419.8	26.4	22.9	24.0	6.3	5.4	5.7
Nebraska	866.1	887.0	877.8	25.4	24.0	21.4	2.9	2.7	2.4
Lincoln	133.6	136.9	137.2	3.2	3.1	2.6	2.4	2.2	1.9
Omaha	347.7	357.1	352.1	11.9	11.2	9.8	3.4	3.1	2.8
Nevada	676.1	723.0	713.6	45.8	49.0	44.3	6.8	6.8	6.2
Las Vegas	422.2	456.1	450.5	29.8	32.4	29.4	7.1	7.1	6.5
Reno	142.3	150.7	148.1	8.9	8.7	7.9	6.3	5.8	5.3
New Hampshire	641.4	639.9	648.6	46.4	38.7	38.5	7.2	6.0	5.9
Manchester	85.8	85.2	86.9	6.5	4.9	4.7	7.6	5.8	5.5
Nashua	98.5	100.3	101.0	8.5	7.1	7.7	8.6	7.1	7.6
Portsmouth-Dover-Rochester	140.5	141.9	142.2	7.0	6.5	6.1	5.0	4.6	4.3
New Jersey¹	3,973.4	3,991.7	3,979.3	359.7	290.0	277.7	9.1	7.3	7.0
Atlantic City	194.7	200.0	199.1	17.8	14.9	14.1	9.2	7.4	7.1
Bergen-Passaic	664.8	665.4	667.6	58.5	48.8	46.8	8.8	7.3	7.0
Jersey City	263.8	259.6	259.7	33.6	26.8	25.3	12.7	10.3	9.8
Middlesex-Somerset-Hunterdon	583.9	588.6	586.7	45.7	36.8	35.8	7.8	6.3	6.1
Monmouth-Ocean	495.8	502.1	498.9	41.3	32.2	30.5	8.3	6.4	6.1
Newark	917.8	917.7	913.3	89.7	71.7	68.3	9.8	7.8	7.5
Trenton	171.5	169.8	169.6	12.2	9.6	9.9	7.1	5.7	5.8
Vineland-Millville-Bridgeton	61.0	60.2	59.7	7.8	6.7	6.3	12.9	11.2	10.5
New Mexico	728.1	747.7	741.1	49.0	55.4	53.6	6.7	7.4	7.2
Albuquerque	272.2	279.6	277.7	13.8	14.3	14.9	5.1	5.1	5.4
Las Cruces	61.7	61.2	61.2	4.4	6.5	5.5	7.2	10.6	9.0
Santa Fe	76.9	78.8	78.5	2.6	3.1	2.8	3.4	4.0	3.6

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
New York¹	8,611.2	8,641.0	8,548.7	702.4	643.7	645.0	8.2	7.4	7.5
Albany-Schenectady-Troy	441.1	442.5	444.0	23.0	20.5	22.0	5.2	4.6	5.0
Binghamton	119.7	120.6	120.8	7.1	7.5	8.9	6.0	6.2	7.4
Buffalo	462.4	469.1	463.4	30.9	32.7	31.1	6.7	7.0	6.7
Elmira	42.6	42.7	42.9	2.4	2.2	2.3	5.7	5.2	5.4
Glens Falls	58.4	58.2	58.1	4.1	3.5	3.7	7.0	5.9	6.3
Nassau-Suffolk	1,349.1	1,352.8	1,347.7	93.5	82.8	90.1	6.9	6.1	6.7
New York	4,006.8	4,010.3	3,946.0	408.9	355.6	349.7	10.2	8.9	8.9
New York City ¹	3,351.0	3,357.0	3,297.0	371.0	320.0	312.0	11.1	9.5	9.5
Orange County	140.7	142.4	141.7	9.3	9.3	9.9	6.6	6.5	7.0
Poughkeepsie	117.8	115.5	114.9	7.4	10.8	11.3	6.2	9.4	9.8
Rochester	513.1	524.2	514.8	25.1	29.4	25.3	4.9	5.6	4.9
Syracuse	322.1	323.7	321.4	19.1	18.8	19.3	5.9	5.8	6.0
Utica-Rome	138.5	139.9	141.3	8.8	8.1	8.5	6.4	5.8	6.0
North Carolina¹	3,551.7	3,560.6	3,499.4	205.0	173.5	148.8	5.8	4.9	4.3
Asheville	99.1	101.0	98.5	4.6	3.9	3.5	4.6	3.8	3.5
Charlotte-Gastonia-Rock Hill	666.8	672.9	663.3	36.5	31.6	28.2	5.5	4.7	4.2
Greensboro-Winston-Salem-High Point	536.7	543.1	533.2	28.4	22.5	19.6	5.3	4.1	3.7
Raleigh-Durham	456.3	464.8	456.7	18.0	16.8	14.5	3.9	3.6	3.2
North Dakota	319.4	322.3	320.3	14.3	13.0	12.3	4.5	4.0	3.8
Bismarck	47.7	48.2	48.3	1.8	1.7	1.6	3.8	3.4	3.2
Fargo-Moorhead	88.8	91.6	91.0	2.8	2.7	2.5	3.1	3.0	2.7
Grand Forks	34.4	35.3	35.3	1.6	1.4	1.5	4.5	3.9	4.1
Ohio¹	5,634.9	5,608.1	5,589.7	388.8	368.3	282.9	6.9	6.6	5.1
Akron	345.8	348.4	348.3	21.9	20.5	15.5	6.3	5.9	4.4
Canton	203.3	202.4	202.2	14.4	13.5	10.6	7.1	6.7	5.2
Cincinnati	816.5	823.3	826.8	45.8	44.1	38.7	5.6	5.4	4.7
Cleveland	977.8	970.1	965.2	63.3	60.1	46.8	6.5	6.2	4.8
Columbus	781.5	779.3	780.7	40.0	40.9	32.2	5.1	5.3	4.1
Dayton-Springfield	486.1	480.8	480.5	30.2	26.0	19.7	6.2	5.4	4.1
Toledo	318.1	312.6	314.1	24.0	22.2	16.0	7.5	7.1	5.1
Youngstown-Warren	231.9	228.0	226.1	20.2	18.6	14.5	8.7	8.1	6.4
Oklahoma	1,537.7	1,539.7	1,549.9	87.2	94.6	90.1	5.7	6.1	5.8
Enid	26.9	29.0	28.9	1.1	1.2	1.0	4.1	4.3	3.6
Lawton	50.4	50.6	49.9	2.8	3.0	2.9	5.5	5.9	5.9
Oklahoma City	495.8	501.9	502.4	24.1	27.2	25.8	4.9	5.4	5.1
Tulsa	351.9	352.1	351.5	21.1	23.7	22.5	6.0	6.7	6.4
Oregon	1,576.8	1,598.1	1,598.3	112.3	123.9	109.4	7.1	7.8	6.8
Eugene-Springfield	149.9	152.4	153.1	10.5	12.5	11.1	7.0	8.2	7.2
Medford	79.2	79.4	79.8	6.4	7.8	6.8	8.1	9.8	8.5
Portland	723.6	736.7	740.2	46.0	47.3	42.1	6.4	6.4	5.7
Salem	151.6	154.4	156.8	9.5	11.9	10.6	6.3	7.7	6.7
Pennsylvania¹	6,081.6	6,109.6	6,128.6	454.5	447.0	431.7	7.5	7.3	7.0
Allentown-Bethlehem-Easton	347.5	349.8	351.9	28.1	25.4	24.6	8.1	7.3	7.0
Altoona	65.6	66.1	66.1	5.6	4.7	4.5	8.5	7.2	6.9
Beaver County	65.0	65.0	64.8	6.8	7.1	6.8	10.4	10.9	10.5
Erie	143.6	147.3	147.9	10.6	10.8	10.6	7.4	7.3	7.2
Harrisburg-Lebanon-Carlisle	348.2	351.3	354.5	18.4	17.2	16.4	5.3	4.9	4.6
Johnstown	104.1	106.5	107.0	10.8	11.4	11.2	10.4	10.7	10.5
Lancaster	238.1	242.8	242.1	12.2	11.9	10.7	5.1	4.9	4.4
Philadelphia	2,441.7	2,449.6	2,451.3	189.2	178.2	177.4	7.8	7.3	7.2
Pittsburgh	1,044.3	1,049.1	1,056.1	70.8	72.4	69.4	6.8	6.9	6.6
Reading	182.6	183.3	182.6	12.6	11.6	10.7	6.9	6.3	5.9
Scranton-Wilkes-Barre	385.3	387.4	386.7	36.3	34.4	32.5	9.4	8.9	8.4
Sharon	56.1	53.3	52.7	4.6	5.2	4.9	8.1	9.8	9.2
State College	69.1	70.6	70.4	4.0	4.3	4.2	5.8	6.0	6.0
Williamsport	62.9	62.2	62.3	4.5	5.1	4.7	7.2	8.1	7.5
York	234.8	240.4	242.3	15.4	14.0	13.4	6.5	5.8	5.5
Rhode Island	540.5	527.6	528.5	48.2	36.7	35.8	8.9	7.0	6.8
Pawtucket-Woonsocket-Attleboro	171.6	167.8	170.2	15.6	11.9	11.7	9.1	7.1	6.9
Providence	355.1	347.5	347.8	32.5	24.4	23.9	9.2	7.0	6.9
South Carolina	1,798.5	1,840.0	1,833.3	103.1	135.2	126.1	5.7	7.3	6.9
Charleston	249.5	255.2	254.8	13.3	17.0	16.1	5.3	6.7	6.3
Columbia	252.0	259.6	259.7	11.2	14.1	13.1	4.4	5.4	5.0
Greenville-Spartanburg	355.9	364.7	362.8	16.3	20.9	18.6	4.6	5.7	5.1
South Dakota	364.5	376.6	375.6	9.4	9.2	9.1	2.6	2.4	2.4
Rapid City	41.9	43.5	43.7	1.0	1.0	1.2	2.5	2.3	2.8
Sioux Falls	77.7	80.6	80.5	1.4	1.3	1.2	1.8	1.6	1.5

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		
	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P	Aug. 1992	July 1993	Aug. 1993 ^P
Tennessee	2,456.8	2,518.3	2,491.9	153.4	144.5	131.5	6.2	5.7	5.3
Chattanooga	215.3	218.3	217.1	13.9	10.5	10.2	6.5	4.8	4.7
Johnson City-Kingsport-Bristol	228.1	226.6	224.7	12.5	12.8	11.8	5.5	5.7	5.2
Knoxville	306.7	315.0	311.9	16.6	14.9	14.7	5.4	4.7	4.7
Memphis	476.3	487.3	482.2	27.7	24.4	23.5	5.8	5.0	4.9
Nashville	543.3	559.3	557.7	26.7	22.9	21.7	4.9	4.1	3.9
Texas¹	8,764.7	8,982.9	8,943.7	586.8	643.8	594.8	6.7	7.2	6.7
Ablene	51.1	52.7	52.3	3.0	3.6	3.3	6.0	8.9	6.4
Amarillo	98.3	100.8	100.2	4.6	5.3	4.6	4.7	5.2	4.6
Austin	485.0	484.2	484.1	20.5	22.5	21.7	4.4	4.7	4.5
Beaumont-Port Arthur	176.1	183.9	182.0	14.2	19.7	18.0	8.1	10.7	9.9
Brazoria	91.4	92.6	92.1	8.5	8.3	7.6	7.2	9.0	8.2
Brownsville-Harlingen	112.8	115.5	114.9	12.0	13.1	11.6	10.6	11.4	10.1
Bryan-College Station	63.9	66.8	66.3	2.3	2.5	2.3	3.8	3.8	3.4
Corpus Christi	176.5	172.9	174.1	15.3	14.8	13.9	8.6	8.6	8.0
Dallas	1,473.5	1,507.4	1,501.2	91.2	93.3	86.5	6.2	6.2	5.8
El Paso	261.3	270.5	267.6	24.8	27.3	24.5	9.4	10.1	9.1
Fort Worth-Arlington	752.5	766.0	767.1	45.9	51.3	46.0	6.1	6.7	6.0
Galveston-Texas City	119.9	125.7	124.9	9.6	10.3	9.8	8.0	8.2	7.8
Houston	1,784.6	1,815.7	1,802.4	118.5	136.0	126.6	6.6	7.5	7.0
Killeen-Temple	102.8	106.8	108.2	7.0	7.9	7.2	6.8	7.2	6.6
Laredo	58.0	61.7	60.8	4.7	6.0	5.3	8.1	9.8	8.6
Longview-Marshall	82.1	82.6	82.1	7.0	7.4	6.8	8.5	9.0	8.3
Lubbock	116.2	117.9	117.6	7.0	7.0	6.3	6.0	6.0	5.4
McAllen-Edinburg-Mission	157.5	165.2	164.8	24.3	26.9	24.9	15.4	16.3	15.1
Midland	49.8	49.4	49.3	3.5	3.5	3.2	7.1	7.1	6.6
Odessa	53.7	53.8	53.7	5.2	5.1	4.7	9.7	9.5	8.7
San Angelo	45.4	46.8	46.8	2.4	2.8	2.8	5.2	5.9	6.0
San Antonio	628.7	653.2	651.8	37.1	39.3	38.8	5.9	6.0	6.0
Sherman-Denison	46.3	47.7	47.0	2.9	3.8	3.0	6.3	7.9	6.3
Texarkana	57.4	59.3	59.0	4.2	4.5	4.4	7.3	7.6	7.4
Tyler	76.9	78.6	77.6	5.0	5.7	5.2	6.5	7.3	6.7
Victoria	40.1	41.4	40.9	2.2	2.3	2.0	5.5	5.7	5.0
Waco	93.5	95.5	94.9	6.0	6.0	5.4	6.4	6.3	5.7
Wichita Falls	54.6	55.4	54.8	3.6	3.7	3.2	6.6	8.6	5.9
Utah	817.0	861.5	859.4	42.3	32.7	29.8	5.2	3.8	3.5
Provo-Orem	119.6	125.3	126.4	5.4	4.6	4.1	4.5	3.7	3.2
Salt Lake City-Ogden	526.6	557.6	555.3	26.8	20.1	18.5	5.1	3.6	3.3
Vermont	327.0	328.3	329.5	18.7	17.0	14.0	5.7	5.2	4.2
Burlington	81.1	81.6	81.3	3.4	3.3	2.8	4.2	4.1	3.4
Virginia	3,371.0	3,399.6	3,357.0	201.8	186.0	171.9	6.0	5.5	5.1
Charlottesville	71.6	73.8	71.8	3.2	2.9	2.5	4.4	3.9	3.5
Danville	54.9	53.9	53.4	4.6	4.5	3.4	8.4	8.4	6.3
Lynchburg	78.2	78.4	78.5	4.6	3.7	3.5	5.8	4.7	4.4
Norfolk-Virginia Beach-Newport News	670.4	677.0	667.6	44.3	42.3	39.3	6.6	6.3	5.9
Richmond-Petersburg	478.2	483.4	477.5	29.0	24.3	23.0	6.1	5.0	4.8
Roanoke	130.8	132.6	130.9	6.6	6.6	6.0	5.1	5.0	4.6
Washington	2,620.1	2,651.6	2,618.5	181.8	216.8	201.8	6.9	8.2	7.7
Seattle	1,148.8	1,162.4	1,148.0	69.0	82.2	77.9	6.0	7.1	6.8
West Virginia	764.8	781.4	775.6	83.0	76.8	74.2	10.8	9.8	9.6
Charleston	119.4	121.2	121.7	10.5	9.2	9.3	8.8	7.6	7.7
Huntington-Ashland	131.9	130.7	131.3	13.2	11.4	12.0	10.0	8.7	9.1
Parkersburg-Marietta	75.9	74.7	74.8	6.8	5.8	5.2	8.9	7.8	7.0
Wheeling	71.7	72.0	71.8	5.4	5.6	5.1	7.5	7.8	7.1
Wisconsin	2,710.6	2,748.3	2,721.1	128.5	120.1	113.2	4.7	4.4	4.2
Appleton-Oshkosh-Neenah	186.2	190.4	189.6	7.0	7.2	7.5	3.8	3.8	4.0
Eau Claire	73.2	75.4	73.8	3.8	3.5	3.3	5.2	4.7	4.5
Green Bay	120.8	123.2	122.2	5.1	4.7	4.4	4.2	3.8	3.6
Janesville-Beloit	75.1	76.5	75.1	4.6	5.1	4.8	6.1	6.7	6.4
Kenosha	58.4	59.7	58.8	3.6	4.0	3.1	6.2	8.7	5.2
La Crosse	56.8	57.6	56.2	2.6	2.5	2.2	4.5	4.4	3.9
Madison	245.5	251.7	248.9	6.4	5.0	4.8	2.6	2.0	1.9
Milwaukee	782.7	796.9	790.9	38.2	34.5	32.6	4.6	4.3	4.1
Racine	91.8	92.0	91.2	7.0	5.8	5.2	7.6	6.3	5.7
Sheboygan	61.3	61.2	60.1	2.9	2.3	2.0	4.7	3.7	3.3
Wausau	67.9	68.0	67.4	3.7	2.9	2.7	5.5	4.2	4.1
Wyoming	242.7	246.8	241.4	11.2	13.5	12.5	4.6	5.5	5.2
Casper	29.1	30.3	29.5	2.0	2.4	2.1	6.8	7.9	7.2

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 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
Nondurable 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	-0.00015503	2488.36
Men ¹	-0.00028833	2300.61
Women	-0.00025830	2111.70
Both sexes, 16 to 19 years	-0.00149802	2039.69
White ¹	-0.00017494	2488.36
Men	-0.00032295	2300.61
Women	-0.00029346	2111.70
Both sexes, 16 to 19 years	-0.00177579	2039.69
Black	-0.00113103	2613.14
Men	-0.00273973	2458.39
Women	-0.00164107	2181.67
Both sexes, 16 to 19 years:	-0.01144754	2390.62
Hispanic origin	-0.00199918	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	-0.00021749	2155.45
Black	-0.00121753	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	-0.00015749	2464.91
Black	-0.00191460	2621.89
Hispanic origin	-0.00098631	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	-.000008144	1304.38
Low correlation characteristics ¹	-.000014170	2126.02
Men:		
Most characteristics	-.000019884	1599.03
High correlation characteristics	-.000014794	1249.33
Low correlation characteristics	-.000051372	2221.13
Women:		
Most characteristics	-.000018554	1410.58
Low correlation characteristics	-.000052252	2245.76
Both sexes, 16 to 19 years	-.000162663	2097.34
Black:		
Most characteristics	-.000089327	1787.47
Low correlation characteristics	-.001740338	5422.14
Men:		
Most characteristics	-.000212603	1912.52
Low correlation characteristics	-.002613218	4889.94
Women:		
Most characteristics	-.000140597	1539.24
Low correlation characteristics	-.002078353	4483.53
Both sexes, 16 to 19 years	-.001139392	2538.37
Hispanic origin:		
Total	-.000152279	2098.10
Civilian labor force and not in labor force	-.000099676	1459.85
Low correlation characteristics	-.002541911	6518.78
Men, civilian labor force and not in labor force	-.000238849	1749.13
Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years	-.000384132	2694.10
Women, 16 years and over and 20 years and over	-.000330113	1972.12
Agricultural employment:		
Total or white:		
Total	-.000346999	3199.19
Men	-.000592136	3295.42
Women or both sexes, 16 to 19 years .....	.000113873	1975.66
Black:		
Total or women	-.000110444	2382.12
Men or both sexes, 16 to 19 years	-.017331654	4929.50
Hispanic origin:		
Total or women .....	.002782195	3509.38
Men or both sexes, 16 to 19 years .....	.002777539	3001.45
Self-employed	-.000215510	1743.43
Unemployment: ²		
Total or white:		
Total, men, women	-.000082123	3494.11
Both sexes, 16 to 19 years and low correlation characteristics	-.000062800	4269.23
Black:		
Total, men, women, and both sexes, 16 to 19 years	-.000373894	3630.26
High correlation characteristics .....	.000043481	2571.23
Hispanic origin:		
Total, men, women	-.000244978	3822.03
Both sexes, 16 to 19 years and low correlation characteristics	-.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	215,743	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*.

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