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EMPLOYMENT AND EARNINGS

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

In this issue: First quarter 1993 quarterly averages for household survey data





U.S. DEPARTMENT OF LABOR

Robert B. Reich, Secretary

BUREAU OF LABOR STATISTICS

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Calendar of Features

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Employee absences	Jan.
Revised seasonally adjusted series	Jan., Feb.

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¹ The most recent publication was issued in August 1992.

Employment and Earnings

Editors: Gloria Peterson Green, Eugene H. Becker

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Employment and Unemployment Developments, March 1993

Employment and unemployment were little changed in March. The unemployment rate remained at 7.0 percent. Payroll employment—as measured by the employer survey—held steady at 109.2 million. Total employment and the labor force—as measured by the household survey—were also little changed from February levels.

Unemployment

The number of unemployed persons, 8.9 million, was unchanged in March, after seasonal adjustment. The unemployment rate, also unchanged at 7.0 percent, remained 0.7 percentage point below its mid-1992 high of 7.7 percent, but well above its prerecession level of slightly more than 5 percent. (See table A-33.)

Among worker groups, there was some improvement in unemployment for adult women, whose jobless rate fell for the second consecutive month, to 5.7 percent in March. The unemployment rate for adult men edged up slightly, to 6.7 percent. Jobless rates for teenagers (19.5 percent), whites (6.1 percent), blacks (13.5 percent), and Hispanics (11.4 percent) were about unchanged over the month, after seasonal adjustment. Rates for all of these worker groups have receded since peaking in mid-1992. (See tables A-33 and A-34.)

The number of persons employed part time for economic reasons fell by 267,000 in March, to 6.2 million, following a large February increase. The number of such workers, who are often referred to as the “partially unemployed,” has fluctuated between 6.0 and 6.5 million for more than a year and a half. The March figure was about 1.4 million greater than in early 1990, just prior to the onset of the recession. (See table A-35.)

Total employment and the labor force

The total number of persons employed was about unchanged in March at 118.6 million, after seasonal adjustment. Since its most recent low in August 1991, total employment has grown by 2.0 million. The proportion of the population with jobs, 61.4 percent in March, held steady over the month, remaining about 1-1/2 percentage points below prerecession levels. (See table A-33.)

At 127.4 million in March, the civilian labor force was about the same as in February. It has, in fact, shown little net growth since mid-1992. The labor force participation rate was 66.0 percent for the third consecutive month. (See table A-33.)

Discouraged workers

The number of discouraged workers—those who would like to work but are not looking for jobs because they think their search would be in vain—was unchanged at 1.1 million in the first quarter of 1993. It has remained at about this level since the third quarter of 1991. (See table A-53.)

Industry payroll employment

The number of nonfarm payroll jobs was unchanged in March at 109.2 million, seasonally adjusted, following a sharp increase in the previous month. A further increase in services employment was offset by a decline in construction jobs. After showing little growth last summer, payroll employment has increased by 713,000 jobs since September. (See table B-4.)

Construction employment fell by 59,000 in March, after seasonal adjustment, following a large gain in February. Because of poor weather conditions over much of the country in late February and early March, there was a slowdown in the usual seasonal hiring activity. A slight gain in mining employment was due entirely to a return to work of striking coal miners.

The overall number of manufacturing jobs was about unchanged over the month at 18.1 million. While there were some small gains in the nondurable goods sector, employment declined in several durable goods industries, including those producing materials for construction and those dependent on defense purchases. Employment also was down among auto manufacturers and their suppliers.

Services employment rose by 60,000 in March. Continued strong growth in business services, especially in personnel supply, accounted for the bulk of the increase. Health services employment showed a modest gain; growth in this industry has slowed in the first quarter, primarily due to slack hiring in hospitals.

Retail trade employment, which had shown substantial growth in recent months, was unchanged at 19.4 million in March. Several retail trade industries, including eating and drinking establishments, showed modest gains, but these were offset by declines in other industries.

Employment in the remaining private sector industry groups was also about the same in March as in the previous month. Likewise, government employment was unchanged over the month. Over the past year, Federal employment has fallen by 67,000, while local government employment has risen by 195,000.

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls edged down 0.1 hour in March to 34.3 hours, seasonally adjusted. Manufacturing hours fell 0.3 hour, to 41.2 hours. Factory overtime retreated from its all-time high in February, falling 0.4 hour to 3.9 hours. Severe winter storms in the survey reference period undoubtedly affected the March hours figures. (See table C-5.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls decreased by 0.5 percent in March to 121.9 (1982 = 100),

after seasonal adjustment. The index for manufacturing, 102.6, fell by 0.8 percent. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers were up 0.5 percent in March, after seasonal adjustment, and average weekly earnings rose 0.2 percent. Prior to seasonal adjustment, average hourly earnings rose 3 cents to \$10.81, and average weekly earnings were little changed at \$368.62. Over the past year, average hourly earnings grew by 2.6 percent and average weekly earnings by 2.0 percent. (See tables C-1 and C-7.)

Planned Changes for the Current Population Survey (CPS)

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

Work on the redesign began in the late 1980's. The new questionnaire is being tested for an 18-month period, July 1992-December 1993, in a separate national sample survey of about 13,000 households to gauge the effect of both the new questions and the automated data collection procedures on the labor force estimates. Early indications of the potential effects of these changes will not be available until this fall; a comprehensive examination will be published in the February 1994 issue of *Employment and Earnings*.

Scheduled Release Dates

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

<i>Reference month</i>	<i>Release date</i>	<i>Reference month</i>	<i>Release date</i>
April	May 7	July	August 6
May	June 4	August	September 3
June	July 2	September	October 8

**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	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 ¹	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:												
March	192,607	128,133	66.5	118,849	1,585	117,264	3,194	114,070	9,284	7.2	64,474	
April	192,745	128,320	66.6	119,095	1,577	117,518	3,206	114,312	9,225	7.2	64,425	
May	192,881	128,613	66.7	119,154	1,574	117,580	3,186	114,394	9,459	7.4	64,268	
June	193,025	128,868	66.8	119,080	1,570	117,510	3,244	114,266	9,788	7.6	64,157	
July	193,190	128,918	66.7	119,290	1,568	117,722	3,207	114,515	9,628	7.5	64,272	
August	193,356	128,970	66.7	119,346	1,566	117,780	3,218	114,562	9,624	7.5	64,386	
September	193,513	128,840	66.6	119,290	1,566	117,724	3,221	114,503	9,550	7.4	64,673	
October	193,683	128,618	66.4	119,239	1,552	117,687	3,169	114,518	9,379	7.3	65,065	
November	193,847	128,896	66.5	119,595	1,531	118,064	3,209	114,855	9,301	7.2	64,951	
December	194,026	129,108	66.5	119,828	1,517	118,311	3,262	115,049	9,280	7.2	64,918	
1993:												
January	194,159	128,598	66.2	119,586	1,515	118,071	3,191	114,879	9,013	7.0	65,561	
February	194,298	128,839	66.3	119,963	1,512	118,451	3,116	115,335	8,876	6.9	65,459	
March	194,456	128,926	66.3	120,062	1,497	118,565	3,082	115,483	8,864	6.9	65,530	

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	83,979	77.0	57,800	1,529	56,271	2,738	53,534	6,179	9.7	19,073
1983	84,064	84,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484
1984	85,156	85,386	76.8	60,642	1,551	59,091	2,688	56,423	4,744	7.3	19,771
1985	86,025	85,967	76.7	61,447	1,556	59,891	2,535	57,356	4,521	6.9	20,058
1986 ¹	87,349	86,973	76.7	62,443	1,551	60,892	2,511	58,381	4,530	6.8	20,376
1987	88,476	87,784	76.6	63,684	1,577	62,107	2,543	59,564	4,101	6.1	20,692
1988	89,404	88,474	76.6	64,820	1,547	63,273	2,493	60,780	3,655	5.3	20,930
1989	90,283	89,360	76.8	65,835	1,520	64,315	2,513	61,802	3,525	5.1	20,923
1990	91,122	89,705	76.5	65,906	1,472	64,435	2,507	61,928	3,799	5.4	21,417
1991	91,951	89,810	75.9	64,992	1,399	63,593	2,552	61,041	4,817	6.9	22,141
1992	92,945	90,588	75.9	65,209	1,404	63,805	2,534	61,270	5,380	7.6	22,356
Monthly data, seasonally adjusted²											
1992:											
March	92,655	70,324	75.9	64,964	1,417	63,547	2,509	61,038	5,360	7.6	22,331
April	92,733	70,460	76.0	65,194	1,417	63,777	2,514	61,263	5,266	7.5	22,273
May	92,806	70,741	76.2	65,244	1,414	63,830	2,530	61,300	5,497	7.8	22,065
June	92,882	70,827	76.3	65,161	1,410	63,751	2,539	61,212	5,666	8.0	22,055
July	92,971	70,723	76.1	65,238	1,408	63,830	2,545	61,285	5,485	7.8	22,248
August	93,061	70,840	76.1	65,309	1,408	63,901	2,547	61,354	5,531	7.8	22,221
September	93,146	70,860	76.1	65,383	1,407	63,976	2,573	61,403	5,477	7.7	22,286
October	93,238	70,728	75.9	65,318	1,394	63,924	2,550	61,374	5,410	7.6	22,510
November	93,324	70,708	75.8	65,416	1,373	64,043	2,541	61,502	5,292	7.5	22,616
December	93,420	70,754	75.7	65,554	1,360	64,194	2,593	61,601	5,200	7.3	22,666
1993:											
January	93,488	70,473	75.4	65,544	1,358	64,186	2,534	61,651	4,929	7.0	23,015
February	93,563	70,690	75.6	65,693	1,355	64,338	2,521	61,817	4,997	7.1	22,873
March	93,646	70,835	75.6	65,674	1,342	64,332	2,434	61,899	5,160	7.3	22,811
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:											
March	99,951	57,809	57.8	53,885	168	53,717	685	53,032	3,924	6.8	42,142
April	100,012	57,860	57.9	53,901	160	53,741	692	53,049	3,959	6.8	42,152
May	100,075	57,872	57.8	53,910	160	53,750	656	53,094	3,962	6.8	42,203
June	100,142	58,041	58.0	53,919	160	53,759	705	53,054	4,122	7.1	42,101
July	100,220	58,195	58.1	54,052	160	53,892	662	53,230	4,143	7.1	42,025
August	100,295	58,130	58.0	54,037	158	53,879	671	53,208	4,093	7.0	42,165
September	100,367	57,980	57.8	53,907	159	53,748	648	53,100	4,073	7.0	42,387
October	100,445	57,890	57.6	53,921	158	53,763	619	53,144	3,969	6.9	42,555
November	100,523	58,188	57.9	54,179	158	54,021	668	53,353	4,009	6.9	42,335
December	100,606	58,354	58.0	54,274	157	54,117	669	53,448	4,080	7.0	42,252
1993:											
January	100,671	58,125	57.7	54,042	157	53,885	657	53,228	4,083	7.0	42,546
February	100,734	58,149	57.7	54,271	157	54,114	596	53,518	3,879	6.7	42,585
March	100,809	58,091	57.6	54,388	155	54,233	649	53,584	3,704	6.4	42,718

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:								
March	191,022	126,548	66.2	117,264	9,284	7.3	7.8	6.8
April	191,168	126,743	66.3	117,518	9,225	7.3	7.6	6.9
May	191,307	127,039	66.4	117,580	9,459	7.4	7.9	6.9
June	191,455	127,298	66.5	117,510	9,788	7.7	8.2	7.1
July	191,622	127,350	66.5	117,722	9,628	7.6	7.9	7.1
August	191,790	127,404	66.4	117,780	9,624	7.6	8.0	7.1
September	191,947	127,274	66.3	117,724	9,550	7.5	7.9	7.0
October	192,131	127,066	66.1	117,687	9,379	7.4	7.8	6.9
November	192,316	127,365	66.2	118,064	9,301	7.3	7.6	6.9
December	192,509	127,591	66.3	118,311	9,280	7.3	7.5	7.0
1993:								
January	192,644	127,083	66.0	118,071	9,013	7.1	7.1	7.0
February	192,786	127,327	66.0	118,451	8,876	7.0	7.2	6.7
March	192,959	127,429	66.0	118,565	8,864	7.0	7.4	6.4

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	March 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	192,959	126,682	65.7	117,406	9,276	7.3	66,277	24,520	9,525	4,147	28,084
16 to 19 years	13,147	6,186	47.1	4,917	1,269	20.5	6,961	445	6,001	29	486
16 to 17 years	6,649	2,373	35.7	1,769	604	25.4	4,276	98	3,974	5	199
18 to 19 years	6,497	3,812	58.7	3,148	665	17.4	2,685	347	2,027	24	287
20 to 24 years	17,659	13,329	75.5	11,910	1,419	10.6	4,330	1,398	2,160	109	663
25 to 54 years	110,024	91,777	83.4	85,887	5,890	6.4	18,246	11,393	1,305	1,827	3,721
25 to 34 years	41,483	34,603	83.4	31,980	2,623	7.6	6,880	4,457	848	376	1,199
25 to 29 years	19,330	16,068	83.1	14,728	1,340	8.3	3,262	2,060	514	143	545
30 to 34 years	22,152	18,535	83.7	17,252	1,283	6.9	3,618	2,396	334	233	654
35 to 44 years	40,106	34,020	84.8	32,024	1,996	5.9	6,086	3,959	396	632	1,160
35 to 39 years	21,318	17,972	84.3	16,819	1,153	6.4	3,346	2,250	135	321	581
40 to 44 years	18,787	16,048	85.4	15,205	843	5.3	2,740	1,709	141	311	579
45 to 54 years	28,435	23,155	81.4	21,883	1,271	5.5	5,281	2,978	122	818	1,362
45 to 49 years	15,739	13,154	83.6	12,464	691	5.3	2,584	1,465	81	388	650
50 to 54 years	12,696	10,000	78.8	9,420	581	5.8	2,696	1,513	41	430	712
55 to 64 years	21,056	11,981	56.9	11,390	590	4.9	9,076	3,688	38	902	4,448
55 to 59 years	10,729	7,247	67.5	6,890	356	4.9	3,482	1,685	28	455	1,314
60 to 64 years	10,328	4,734	45.8	4,500	234	4.9	5,594	2,003	10	447	3,134
65 years and over	31,073	3,410	11.0	3,302	108	3.2	27,663	7,595	21	1,281	18,766
65 to 69 years	10,060	1,953	19.4	1,900	53	2.7	8,107	2,363	6	298	5,439
70 to 74 years	8,517	951	11.2	922	29	3.0	7,566	2,102	8	234	5,222
75 years and over	12,496	506	4.0	479	26	5.2	11,991	3,129	7	750	8,105
Men											
16 years and over	92,304	69,053	74.8	63,370	5,683	8.2	23,252	705	4,672	2,195	15,678
16 to 19 years	6,640	3,282	49.4	2,549	733	22.3	3,358	30	3,035	13	280
16 to 17 years	3,389	1,272	37.5	929	343	27.0	2,117	12	1,981	3	122
18 to 19 years	3,251	2,010	61.8	1,620	390	19.4	1,241	18	1,054	10	159
20 to 24 years	8,660	7,066	81.6	6,185	881	12.5	1,594	46	1,118	57	373
25 to 54 years	53,956	49,954	92.6	46,357	3,597	7.2	4,002	378	500	1,136	1,988
25 to 34 years	20,486	19,156	93.5	17,586	1,570	8.2	1,330	142	338	240	610
25 to 29 years	9,513	8,861	93.1	8,050	811	9.2	652	74	220	91	267
30 to 34 years	10,973	10,295	93.8	9,536	759	7.4	678	68	118	148	343
35 to 44 years	19,683	18,413	93.5	17,192	1,222	6.6	1,270	127	122	400	620
35 to 39 years	10,471	9,825	93.8	9,123	702	7.1	645	70	62	192	321
40 to 44 years	9,212	8,588	93.2	8,068	520	6.1	624	57	60	208	299
45 to 54 years	13,787	12,384	89.8	11,579	805	6.5	1,402	109	39	496	758
45 to 49 years	7,646	7,001	91.6	6,569	432	6.2	645	46	23	231	344
50 to 54 years	6,141	5,383	87.7	5,011	373	6.9	758	63	16	265	414
55 to 64 years	10,004	6,766	67.6	6,372	394	5.8	3,238	87	15	497	2,640
55 to 59 years	5,128	4,063	79.2	3,815	248	6.1	1,065	46	9	243	767
60 to 64 years	4,876	2,703	55.4	2,557	146	5.4	2,173	41	6	254	1,872
65 years and over	13,044	1,985	15.2	1,907	78	3.9	11,059	163	6	492	10,398
65 to 69 years	4,571	1,100	24.1	1,060	40	3.6	3,471	62	2	162	3,245
70 to 74 years	3,764	558	14.8	538	20	3.5	3,206	47	4	101	3,055
75 years and over	4,709	327	6.9	308	18	5.6	4,382	55	-	229	4,098
Women											
16 years and over	100,654	57,630	57.3	54,036	3,594	6.2	43,025	23,815	4,853	1,952	12,405
16 to 19 years	6,506	2,904	44.6	2,368	536	18.5	3,602	415	2,966	16	205
16 to 17 years	3,260	1,102	33.8	841	261	23.7	2,159	86	1,993	2	77
18 to 19 years	3,246	1,802	55.5	1,527	275	15.3	1,444	329	973	14	128
20 to 24 years	8,999	6,263	69.6	5,725	538	8.6	2,736	1,352	1,043	51	290
25 to 54 years	56,068	41,823	74.6	39,530	2,293	5.5	14,245	11,015	806	691	1,733
25 to 34 years	20,996	15,447	73.6	14,394	1,053	6.8	5,550	4,315	510	137	589
25 to 29 years	9,817	7,207	73.4	6,678	529	7.3	2,610	1,986	294	52	278
30 to 34 years	11,179	8,239	73.7	7,715	524	6.4	2,940	2,328	216	85	311
35 to 44 years	20,423	15,606	76.4	14,832	774	5.0	4,816	3,832	213	232	540
35 to 39 years	10,848	8,147	75.1	7,695	451	5.5	2,701	2,180	132	129	260
40 to 44 years	9,575	7,460	77.9	7,137	323	4.3	2,115	1,652	81	103	280
45 to 54 years	14,848	10,770	73.5	10,304	466	4.3	3,878	2,869	83	322	605
45 to 49 years	8,093	6,153	76.0	5,895	258	4.2	1,940	1,419	58	157	306
50 to 54 years	6,555	4,617	70.4	4,409	208	4.5	1,938	1,450	25	165	299
55 to 64 years	11,052	5,215	47.2	5,018	197	3.8	5,837	3,601	23	405	1,809
55 to 59 years	5,600	3,184	56.8	3,075	109	3.4	2,417	1,639	19	212	547
60 to 64 years	5,452	2,031	37.3	1,943	88	4.3	3,421	1,962	4	193	1,262
65 years and over	18,029	1,425	7.9	1,395	30	2.1	16,605	7,432	15	789	8,369
65 to 69 years	5,489	853	15.5	840	13	1.5	4,636	2,302	4	136	2,195
70 to 74 years	4,753	393	8.3	384	9	2.4	4,360	2,056	5	133	2,167
75 years and over	7,788	179	2.3	171	8	4.6	7,609	3,074	7	520	4,007

**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	March 1993										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
WHITE											
16 years and over	163,543	108,322	66.2	101,269	7,052	6.5	55,222	20,775	7,086	3,139	24,222
16 to 19 years	10,537	5,326	50.5	4,408	917	17.2	5,212	318	4,503	22	369
16 to 17 years	5,318	2,089	39.3	1,604	485	23.2	3,229	74	2,994	5	156
18 to 19 years	5,219	3,236	62.0	2,804	432	13.4	1,983	244	1,510	17	213
20 to 24 years	14,385	11,228	78.1	10,226	1,002	8.9	3,157	1,030	1,593	65	468
25 to 54 years	92,723	78,190	84.3	73,625	4,565	5.8	14,533	9,387	947	1,391	2,808
25 to 34 years	34,432	29,102	84.5	27,107	1,998	6.9	5,330	3,597	604	259	870
25 to 29 years	15,951	13,511	84.7	12,485	1,026	7.6	2,440	1,599	355	113	374
30 to 34 years	18,481	15,591	84.4	14,621	970	6.2	2,890	1,998	249	146	496
35 to 44 years	33,864	28,997	85.6	27,458	1,539	5.3	4,868	3,284	237	489	858
35 to 39 years	17,912	15,235	85.1	14,366	869	5.7	2,678	1,862	132	248	436
40 to 44 years	15,952	13,762	86.3	13,092	670	4.9	2,190	1,421	105	241	423
45 to 54 years	24,426	20,091	82.3	19,061	1,030	5.1	4,335	2,507	105	643	1,079
45 to 49 years	13,565	11,458	84.5	10,892	566	4.9	2,107	1,214	71	304	518
50 to 54 years	10,861	8,633	79.5	8,169	464	5.4	2,228	1,293	34	339	562
55 to 64 years	18,180	10,510	57.8	10,028	482	4.6	7,669	3,176	25	644	3,825
55 to 59 years	9,197	6,336	68.9	6,041	295	4.7	2,861	1,441	19	307	1,093
60 to 64 years	8,983	4,174	46.5	3,987	187	4.5	4,809	1,735	5	337	2,732
65 years and over	27,718	3,068	11.1	2,981	87	2.8	24,651	6,864	18	1,017	16,751
65 to 69 years	8,873	1,754	19.8	1,709	45	2.6	7,119	2,096	6	229	4,788
70 to 74 years	7,553	847	11.2	825	21	2.5	6,706	1,885	8	181	4,632
75 years and over	11,292	466	4.1	446	20	4.3	10,825	2,883	4	607	7,331
Men											
16 years and over	78,868	59,722	75.7	55,352	4,369	7.3	19,146	468	3,470	1,697	13,511
16 to 19 years	5,345	2,815	52.7	2,287	529	18.8	2,530	8	2,299	9	213
16 to 17 years	2,725	1,118	41.0	852	266	23.8	1,608	3	1,507	2	96
18 to 19 years	2,619	1,697	64.8	1,435	262	15.5	922	6	792	6	118
20 to 24 years	7,100	5,959	83.9	5,351	608	10.2	1,141	29	822	33	257
25 to 54 years	46,066	43,157	93.7	40,292	2,864	6.6	2,910	241	332	894	1,442
25 to 34 years	17,190	16,288	94.8	15,039	1,248	7.7	902	93	223	164	423
25 to 29 years	7,941	7,498	94.4	6,859	638	8.5	443	51	146	71	175
30 to 34 years	9,249	8,790	95.0	8,180	610	6.9	459	42	76	93	248
35 to 44 years	16,872	15,967	94.6	15,006	961	6.0	905	80	79	317	429
35 to 39 years	8,955	8,500	94.9	7,960	539	6.3	455	46	36	150	224
40 to 44 years	7,917	7,467	94.3	7,045	422	5.6	450	34	43	167	205
45 to 54 years	12,004	10,902	90.8	10,247	655	6.0	1,102	69	30	413	590
45 to 49 years	6,689	6,182	92.4	5,828	354	5.7	507	25	20	194	268
50 to 54 years	5,316	4,721	88.8	4,419	301	6.4	595	44	11	219	322
55 to 64 years	8,696	5,972	68.7	5,666	306	5.1	2,724	68	12	369	2,276
55 to 59 years	4,435	3,583	80.8	3,387	196	5.5	851	34	7	173	637
60 to 64 years	4,261	2,388	56.0	2,278	110	4.6	1,873	34	5	196	1,639
65 years and over	11,661	1,819	15.6	1,757	63	3.4	9,842	122	6	392	9,323
65 to 69 years	4,062	1,003	24.7	966	37	3.7	3,059	44	2	126	2,887
70 to 74 years	3,341	510	15.3	497	13	2.6	2,831	33	4	82	2,713
75 years and over	4,258	307	7.2	294	13	4.1	3,951	45	-	184	3,722
Women											
16 years and over	84,676	48,600	57.4	45,917	2,683	5.5	36,075	20,307	3,616	1,441	10,711
16 to 19 years	5,193	2,510	48.3	2,122	389	15.5	2,682	310	2,204	13	155
16 to 17 years	2,593	971	37.5	752	219	22.5	1,621	72	1,487	2	60
18 to 19 years	2,600	1,539	59.2	1,369	170	11.0	1,061	238	717	11	95
20 to 24 years	7,285	5,269	72.3	4,875	394	7.5	2,016	1,001	772	32	211
25 to 54 years	46,657	35,033	75.1	33,333	1,700	4.9	11,623	9,146	615	497	1,366
25 to 34 years	17,242	12,815	74.3	12,067	747	5.8	4,428	3,504	382	95	448
25 to 29 years	8,011	6,013	75.1	5,826	388	6.4	1,997	1,548	209	41	200
30 to 34 years	9,232	6,801	73.7	6,441	360	5.3	2,430	1,956	173	53	248
35 to 44 years	16,993	13,030	76.7	12,452	578	4.4	3,963	3,204	158	171	429
35 to 39 years	8,958	6,735	75.2	6,405	330	4.9	2,222	1,817	96	97	212
40 to 44 years	8,035	6,295	78.3	6,047	248	3.9	1,740	1,387	62	74	217
45 to 54 years	12,422	9,189	74.0	8,814	375	4.1	3,233	2,438	75	231	489
45 to 49 years	6,877	5,276	76.7	5,064	212	4.0	1,600	1,189	51	110	250
50 to 54 years	5,545	3,913	70.6	3,749	163	4.2	1,633	1,250	23	121	239
55 to 64 years	9,484	4,539	47.9	4,363	176	3.9	4,945	3,109	13	274	1,549
55 to 59 years	4,762	2,753	57.8	2,654	99	3.6	2,009	1,407	12	134	456
60 to 64 years	4,721	1,786	37.8	1,709	77	4.3	2,936	1,701	1	141	1,093
65 years and over	16,057	1,248	7.8	1,224	24	1.9	14,809	6,742	13	625	7,429
65 to 69 years	4,811	752	15.6	743	8	1.1	4,060	2,052	4	103	1,901
70 to 74 years	4,212	337	8.0	329	8	2.5	3,875	1,852	5	100	1,919
75 years and over	7,034	160	2.3	152	8	4.7	6,874	2,838	4	423	3,609

**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	March 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											
18 years and over	22,217	13,687	61.6	11,810	1,877	13.7	8,530	2,805	1,762	873	3,090
16 to 19 years	2,086	671	32.2	357	313	46.7	1,415	108	1,196	7	105
16 to 17 years	1,065	218	20.5	117	101	46.3	847	20	785	-	42
18 to 19 years	1,021	452	44.3	240	212	46.9	568	87	411	7	63
20 to 24 years	2,488	1,625	65.3	1,253	372	22.9	863	305	367	42	147
25 to 54 years	12,791	10,048	78.6	8,947	1,101	11.0	2,743	1,434	185	364	760
25 to 34 years	5,323	4,178	78.5	3,635	543	13.0	1,145	645	127	99	274
25 to 29 years	2,576	1,965	76.3	1,687	279	14.2	610	357	80	26	147
30 to 34 years	2,747	2,213	80.5	1,848	265	12.0	534	287	48	73	127
35 to 44 years	4,569	3,695	80.9	3,315	380	10.3	874	454	50	118	252
35 to 39 years	2,512	2,053	81.7	1,812	242	11.8	459	246	26	59	128
40 to 44 years	2,057	1,642	79.8	1,504	138	8.4	415	208	23	60	124
45 to 54 years	2,899	2,174	75.0	1,997	177	8.1	724	336	8	147	234
45 to 49 years	1,564	1,210	77.4	1,124	87	7.2	354	173	5	70	106
50 to 54 years	1,334	964	72.3	874	91	9.4	370	163	3	77	128
55 to 64 years	2,192	1,081	49.3	1,008	73	6.8	1,111	383	11	230	487
55 to 59 years	1,149	637	55.4	595	42	6.5	512	183	8	131	190
60 to 64 years	1,043	444	42.6	412	32	7.2	598	201	3	99	297
65 years and over	2,661	262	9.8	245	17	6.6	2,399	575	2	231	1,592
65 to 69 years	946	158	16.7	151	8	4.7	787	205	-	58	525
70 to 74 years	759	77	10.2	70	7	9.5	682	162	-	47	473
75 years and over	957	27	2.8	24	2	(¹)	930	208	3	126	594
Men											
16 years and over	10,021	6,850	68.4	5,748	1,103	16.1	3,170	190	823	426	1,731
16 to 19 years	1,039	381	36.7	198	183	48.1	658	18	576	4	59
16 to 17 years	538	125	23.2	59	66	52.6	414	9	379	-	26
18 to 19 years	500	256	51.2	139	118	45.9	244	9	198	4	33
20 to 24 years	1,153	843	73.1	599	245	29.0	310	12	180	24	93
25 to 54 years	5,758	4,932	85.7	4,330	602	12.2	826	106	66	200	455
25 to 34 years	2,422	2,122	87.6	1,849	272	12.8	300	38	44	63	155
25 to 29 years	1,174	1,031	87.8	880	151	14.6	143	16	29	17	81
30 to 34 years	1,248	1,091	87.4	970	121	11.1	157	22	15	46	74
35 to 44 years	2,054	1,775	86.4	1,552	223	12.6	279	34	19	66	160
35 to 39 years	1,135	990	87.2	851	139	14.0	146	15	11	31	89
40 to 44 years	919	786	85.5	702	84	10.7	133	19	8	35	71
45 to 54 years	1,282	1,035	80.7	928	107	10.3	247	35	3	70	140
45 to 49 years	694	586	84.5	535	51	8.7	108	16	1	31	59
50 to 54 years	588	449	76.3	393	56	12.4	140	18	1	40	81
55 to 64 years	990	576	58.2	515	61	10.7	414	17	1	114	281
55 to 59 years	520	332	63.8	295	37	11.1	188	9	1	64	114
60 to 64 years	470	244	52.0	220	25	10.1	225	8	-	50	167
65 years and over	1,082	119	11.0	107	12	9.8	963	38	-	83	842
65 to 69 years	405	70	17.2	66	3	(¹)	336	16	-	30	290
70 to 74 years	341	38	11.2	32	6	(¹)	302	12	-	15	276
75 years and over	336	11	3.2	9	2	(¹)	325	9	-	39	277
Women											
16 years and over	12,197	6,837	56.1	6,062	774	11.3	5,360	2,615	938	448	1,359
16 to 19 years	1,047	290	27.7	160	130	44.9	758	89	620	3	46
16 to 17 years	527	94	17.8	58	36	38.0	433	12	407	-	15
18 to 19 years	520	196	37.7	102	95	48.2	324	78	213	3	30
20 to 24 years	1,335	782	58.6	655	128	16.3	553	293	188	18	54
25 to 54 years	7,033	5,116	72.7	4,617	499	9.8	1,917	1,329	119	164	305
25 to 34 years	2,901	2,057	70.9	1,786	271	13.2	845	607	83	36	119
25 to 29 years	1,402	935	66.7	807	128	13.7	467	342	50	9	66
30 to 34 years	1,499	1,122	74.8	979	143	12.8	377	266	32	27	53
35 to 44 years	2,515	1,920	76.3	1,763	157	8.2	595	420	31	52	92
35 to 39 years	1,377	1,064	77.3	961	103	9.7	313	231	15	28	39
40 to 44 years	1,138	856	75.2	802	55	6.4	282	189	16	24	53
45 to 54 years	1,616	1,139	70.5	1,069	70	6.2	477	301	5	76	94
45 to 49 years	871	624	71.7	589	35	5.7	247	157	3	39	47
50 to 54 years	746	515	69.1	480	35	6.8	230	144	2	37	47
55 to 64 years	1,202	505	42.0	493	12	2.4	697	366	10	115	205
55 to 59 years	629	305	48.5	300	5	1.6	324	174	7	67	76
60 to 64 years	573	200	34.9	193	7	3.6	373	192	3	48	130
65 years and over	1,579	143	9.1	138	6	3.9	1,436	537	2	147	750
65 to 69 years	540	88	16.4	84	4	4.7	452	189	-	28	235
70 to 74 years	418	39	9.3	38	1	(¹)	379	150	-	32	197
75 years and over	621	16	2.6	16	1	(¹)	605	198	3	87	317

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

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

(Numbers in thousands)

Age and sex	March 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	29,415	18,360	62.4	16,137	181	15,955	2,224	12.1	11,055
16 to 19 years	2,609	860	33.0	509	12	497	351	40.9	1,749
16 to 17 years	1,331	284	21.4	165	3	162	119	41.8	1,047
18 to 19 years	1,278	576	45.1	343	8	335	233	40.4	702
20 to 24 years	3,274	2,101	64.2	1,684	9	1,675	417	19.8	1,173
25 to 54 years	17,300	13,587	78.5	12,261	126	12,135	1,326	9.8	3,713
25 to 34 years	7,050	5,500	78.0	4,873	56	4,817	627	11.4	1,550
25 to 29 years	3,379	2,557	75.7	2,243	26	2,217	315	12.3	822
30 to 34 years	3,671	2,943	80.2	2,630	29	2,601	313	10.6	728
35 to 44 years	6,241	5,023	80.5	4,566	45	4,521	457	9.1	1,218
35 to 39 years	3,406	2,737	80.4	2,453	26	2,427	284	10.4	669
40 to 44 years	2,835	2,286	80.6	2,113	18	2,095	173	7.6	549
45 to 54 years	4,009	3,064	76.4	2,822	26	2,796	241	7.9	945
45 to 49 years	2,174	1,696	78.0	1,571	13	1,559	125	7.4	477
50 to 54 years	1,835	1,367	74.5	1,251	13	1,238	116	8.5	468
55 to 64 years	2,877	1,470	51.1	1,362	21	1,341	108	7.4	1,406
55 to 59 years	1,532	910	59.4	849	12	837	61	6.7	621
60 to 64 years	1,345	560	41.6	513	9	504	47	8.4	785
65 years and over	3,355	342	10.2	321	14	307	21	6.2	3,013
65 to 69 years	1,187	199	16.8	191	3	188	8	3.9	988
70 to 74 years	964	104	10.8	97	11	86	7	7.1	860
75 years and over	1,205	39	3.3	33	-	33	6	(¹)	1,165
Men									
16 years and over	13,436	9,331	69.4	8,018	152	7,865	1,313	14.1	4,105
16 to 19 years	1,296	467	36.0	262	11	252	204	43.8	829
16 to 17 years	664	154	23.2	77	3	74	77	49.9	510
18 to 19 years	632	313	49.5	185	7	178	127	40.7	319
20 to 24 years	1,560	1,107	71.0	834	5	829	273	24.7	453
25 to 54 years	7,890	6,797	86.2	6,064	108	5,956	733	10.8	1,092
25 to 34 years	3,296	2,868	87.0	2,546	52	2,494	322	11.2	428
25 to 29 years	1,573	1,363	86.7	1,190	24	1,167	173	12.7	209
30 to 34 years	1,724	1,505	87.3	1,356	29	1,327	149	9.9	219
35 to 44 years	2,811	2,447	87.0	2,186	35	2,151	261	10.7	364
35 to 39 years	1,516	1,326	87.5	1,163	17	1,146	163	12.3	190
40 to 44 years	1,295	1,121	86.5	1,023	17	1,006	98	8.8	174
45 to 54 years	1,782	1,482	83.2	1,332	21	1,311	150	10.1	300
45 to 49 years	957	819	85.6	741	8	732	79	9.6	138
50 to 54 years	826	663	80.3	591	13	578	72	10.8	163
55 to 64 years	1,308	794	60.7	707	20	687	88	11.0	514
55 to 59 years	694	480	69.2	428	11	417	52	10.8	214
60 to 64 years	615	315	51.2	279	9	270	36	11.4	300
65 years and over	1,383	166	12.0	150	9	141	15	9.3	1,217
65 to 69 years	509	98	19.2	94	3	91	3	3.5	412
70 to 74 years	423	48	11.4	42	6	36	6	(¹)	375
75 years and over	451	20	4.5	14	-	15	6	(¹)	431
Women									
16 years and over	15,979	9,029	56.5	8,119	29	8,090	910	10.1	6,950
16 to 19 years	1,314	394	30.0	246	1	245	147	37.4	920
16 to 17 years	668	131	19.5	88	-	88	42	32.3	537
18 to 19 years	646	263	40.7	158	1	157	105	40.0	383
20 to 24 years	1,714	994	58.0	850	4	846	144	14.5	720
25 to 54 years	9,411	6,790	72.1	6,197	18	6,179	593	8.7	2,621
25 to 34 years	3,754	2,632	70.1	2,326	3	2,323	306	11.6	1,122
25 to 29 years	1,806	1,194	66.1	1,052	2	1,050	141	11.9	612
30 to 34 years	1,948	1,438	73.8	1,274	1	1,273	164	11.4	510
35 to 44 years	3,430	2,576	75.1	2,380	10	2,370	196	7.6	854
35 to 39 years	1,890	1,411	74.7	1,290	9	1,281	122	8.6	479
40 to 44 years	1,540	1,165	75.7	1,090	1	1,089	75	6.4	375
45 to 54 years	2,227	1,581	71.0	1,490	5	1,485	91	5.8	645
45 to 49 years	1,217	877	72.1	831	5	826	46	5.3	340
50 to 54 years	1,010	704	69.7	660	-	659	45	6.3	306
55 to 64 years	1,568	676	43.1	656	1	654	21	3.0	892
55 to 59 years	838	431	51.4	421	1	420	10	2.2	408
60 to 64 years	730	245	33.6	234	-	234	11	4.5	485
65 years and over	1,972	176	8.9	170	5	166	6	3.3	1,796
65 to 69 years	678	101	15.0	97	-	97	4	4.3	576
70 to 74 years	541	56	10.3	55	5	50	1	(¹)	485
75 years and over	754	19	2.5	19	-	19	1	(¹)	734

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	
	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
TOTAL								
Civilian noninstitutional population	191,022	192,959	84,590	85,664	93,256	94,148	13,176	13,147
Civilian labor force	125,797	126,682	65,322	65,771	54,379	54,726	6,095	6,186
Percent of population	65.9	65.7	77.2	76.8	58.3	58.1	46.3	47.1
Employed	116,106	117,406	60,204	60,821	51,100	51,668	4,802	4,917
Agriculture	2,918	2,805	2,177	2,077	597	567	144	160
Nonagricultural industries	113,188	114,601	58,027	58,744	50,503	51,101	4,658	4,757
Unemployed	9,691	9,276	5,118	4,950	3,279	3,058	1,293	1,269
Unemployment rate	7.7	7.3	7.8	7.5	6.0	5.6	21.2	20.5
Not in labor force	65,225	66,277	19,268	19,893	38,876	39,423	7,081	6,961
White								
Civilian noninstitutional population	162,305	163,543	72,815	73,523	78,957	79,483	10,533	10,537
Civilian labor force	107,772	108,322	56,559	56,906	45,931	46,090	5,282	5,326
Percent of population	66.4	66.2	77.7	77.4	58.2	58.0	50.1	50.5
Employed	100,325	101,269	52,572	53,066	43,479	43,795	4,274	4,408
Agriculture	2,733	2,623	2,020	1,935	570	539	143	149
Nonagricultural industries	97,592	98,646	50,552	51,130	42,909	43,256	4,131	4,260
Unemployed	7,447	7,052	3,987	3,841	2,452	2,294	1,009	917
Unemployment rate	6.9	6.5	7.0	6.7	5.3	5.0	19.1	17.2
Not in labor force	54,533	55,222	16,255	16,617	33,026	33,393	5,251	5,212
Black								
Civilian noninstitutional population	21,854	22,217	8,807	8,982	10,971	11,149	2,076	2,086
Civilian labor force	13,586	13,687	6,437	6,469	6,499	6,547	650	671
Percent of population	62.2	61.6	73.1	72.0	59.2	58.7	31.3	32.2
Employed	11,669	11,810	5,475	5,550	5,800	5,903	394	357
Agriculture	122	109	107	90	13	13	1	6
Nonagricultural industries	11,548	11,701	5,368	5,460	5,787	5,889	393	352
Unemployed	1,917	1,877	962	919	699	644	256	313
Unemployment rate	14.1	13.7	14.9	14.2	10.8	9.8	39.4	46.7
Not in labor force	8,268	8,530	2,370	2,513	4,472	4,602	1,426	1,415

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	March 1993									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
TOTAL ENROLLED										
Total, 16 to 24 years	16,023	7,539	47.1	6,560	1,272	5,288	979	182	797	13.0
16 to 19 years	10,449	4,256	40.7	3,500	308	3,192	756	82	673	17.8
20 to 24 years	5,574	3,283	58.9	3,060	964	2,095	224	100	124	6.8
High school	8,244	3,083	37.4	2,413	146	2,267	669	63	607	21.7
College	7,779	4,457	57.3	4,147	1,126	3,021	310	120	190	7.0
Full-time students	6,652	3,467	52.1	3,238	545	2,693	229	64	165	6.6
Part-time students	1,127	989	87.8	909	582	327	81	56	25	8.2
Men, 16 to 24 years	8,088	3,805	47.1	3,248	679	2,569	558	75	482	14.7
16 to 19 years	5,307	2,208	41.6	1,765	152	1,613	443	33	410	20.1
20 to 24 years	2,781	1,598	57.5	1,483	527	955	115	43	72	7.2
High school	4,363	1,735	39.8	1,332	91	1,241	403	29	374	23.2
College	3,725	2,071	55.6	1,916	588	1,328	155	46	109	7.5
Full-time students	3,225	1,619	50.2	1,502	318	1,184	117	23	95	7.2
Part-time students	500	452	90.3	414	270	144	38	24	14	8.3
Women, 16 to 24 years	7,935	3,734	47.1	3,312	593	2,719	422	107	315	11.3
16 to 19 years	5,143	2,048	39.8	1,735	156	1,579	313	50	263	15.3
20 to 24 years	2,793	1,686	60.4	1,577	437	1,140	109	57	52	6.5
High school	3,881	1,348	34.7	1,081	55	1,026	267	33	233	19.8
College	4,054	2,386	58.9	2,231	538	1,693	155	74	82	6.5
Full-time students	3,427	1,848	53.9	1,736	226	1,510	112	41	71	6.1
Part-time students	627	538	85.8	495	312	183	43	32	11	8.0
White										
Total, 16 to 24 years	12,833	6,494	50.6	5,749	1,101	4,649	745	133	612	11.5
16 to 19 years	8,341	3,706	44.4	3,137	275	2,862	569	57	513	15.4
20 to 24 years	4,493	2,788	62.1	2,612	825	1,787	176	77	99	6.3
Men	6,502	3,275	50.4	2,864	600	2,264	411	54	358	12.6
Women	6,331	3,219	50.8	2,885	501	2,384	334	80	254	10.4
High school	6,429	2,641	41.1	2,139	133	2,006	502	45	457	19.0
College	6,404	3,854	60.2	3,610	968	2,642	243	88	155	6.3
Full-time students	5,460	3,007	55.1	2,817	451	2,366	190	54	136	6.3
Part-time students	944	847	89.7	793	517	277	53	34	19	6.3
Black										
Total, 16 to 24 years	2,347	719	30.6	525	114	412	194	37	156	26.9
16 to 19 years	1,670	414	24.8	255	25	231	159	23	136	38.4
20 to 24 years	677	304	44.9	270	89	181	35	14	20	11.3
Men	1,138	365	32.0	245	49	196	119	12	107	32.7
Women	1,209	354	29.3	280	65	215	74	25	49	21.0
High school	1,456	344	23.6	198	11	187	145	13	132	42.2
College	891	375	42.1	327	102	224	48	24	24	12.9
Full-time students	767	280	36.5	252	59	192	28	7	20	10.0
Part-time students	124	96	77.2	75	43	32	21	17	4	21.6
Hispanic origin										
Total, 16 to 24 years	1,365	531	38.9	405	110	295	126	28	98	23.8
16 to 19 years	985	302	30.6	201	30	171	100	18	82	33.2
20 to 24 years	380	229	60.3	203	79	124	26	11	15	11.3
Men	661	290	43.8	221	67	155	68	13	56	23.6
Women	704	241	34.2	183	43	140	58	16	42	24.0
High school	868	251	28.9	153	24	129	98	19	79	39.0
College	496	280	56.3	251	86	166	28	9	19	10.1
Full-time students	395	198	50.0	183	40	143	14	-	15	7.3
Part-time students	102	82	80.8	68	46	22	14	10	3	16.9

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	March 1993									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
TOTAL NOT ENROLLED										
Total, 16 to 24 years	14,782	11,975	81.0	10,267	8,500	1,768	1,708	1,527	181	14.3
16 to 19 years	2,698	1,930	71.5	1,417	981	436	513	431	82	26.6
20 to 24 years	12,085	10,045	83.1	8,850	7,519	1,331	1,195	1,097	98	11.9
Less than a high school diploma	3,567	2,258	63.3	1,633	1,276	357	625	551	74	27.7
High school graduates, no college	6,512	5,396	82.9	4,646	3,790	856	750	682	68	13.9
Less than a bachelors degree	3,366	3,039	90.3	2,782	2,336	446	257	219	38	8.5
College graduates	1,337	1,282	95.9	1,206	1,098	108	76	76	-	5.9
Men, 16 to 24 years	7,212	6,542	90.7	5,486	4,759	727	1,056	1,003	53	16.1
16 to 19 years	1,334	1,074	80.5	784	579	206	290	272	18	27.0
20 to 24 years	5,879	5,468	93.0	4,702	4,180	522	766	731	35	14.0
Less than a high school diploma	1,896	1,543	81.4	1,148	968	181	395	375	20	25.6
High school graduates, no college	3,216	2,979	92.6	2,510	2,170	341	469	447	22	15.7
Less than a bachelors degree	1,549	1,484	95.8	1,333	1,163	170	151	140	11	10.2
College graduates	551	536	97.2	495	459	35	41	41	-	7.7
Women, 16 to 24 years	7,570	5,433	71.8	4,781	3,740	1,040	652	525	128	12.0
16 to 19 years	1,364	856	62.7	633	402	231	223	159	64	26.1
20 to 24 years	6,206	4,577	73.8	4,148	3,338	810	429	366	63	9.4
Less than a high school diploma	1,671	715	42.8	484	308	176	230	176	54	32.2
High school graduates, no college	3,296	2,417	73.3	2,136	1,621	515	281	235	46	11.6
Less than a bachelors degree	1,817	1,555	85.6	1,449	1,173	276	106	79	27	6.8
College graduates	786	746	95.0	711	638	73	35	35	1	4.7
White										
Total, 16 to 24 years	12,089	10,060	83.2	8,886	7,373	1,513	1,174	1,046	128	11.7
16 to 19 years	2,197	1,619	73.7	1,272	886	386	348	286	61	21.5
20 to 24 years	9,892	8,440	85.3	7,614	6,487	1,127	826	759	67	9.8
Men	5,943	5,499	92.5	4,774	4,145	629	725	695	31	13.2
Women	6,146	4,561	74.2	4,112	3,228	884	449	351	98	9.8
Less than a high school diploma	2,862	1,878	65.6	1,417	1,096	321	461	411	49	24.5
High school graduates, no college	5,225	4,453	85.2	3,973	3,235	738	480	428	51	10.8
Less than a bachelors degree	2,777	2,543	91.6	2,375	2,015	360	168	140	28	6.6
College graduates	1,225	1,187	96.9	1,121	1,027	94	66	66	-	5.6
Black										
Total, 16 to 24 years	2,227	1,577	70.8	1,085	870	216	492	445	48	31.2
16 to 19 years	417	256	61.6	102	60	42	154	133	21	60.2
20 to 24 years	1,811	1,321	73.0	983	809	174	338	312	26	25.6
Men	1,053	859	81.6	551	462	89	309	286	23	35.9
Women	1,174	718	61.2	534	407	127	184	159	25	25.6
Less than a high school diploma	586	310	52.9	155	127	29	155	129	26	49.9
High school graduates, no college	1,130	824	72.9	568	462	106	256	242	14	31.0
Less than a bachelors degree	448	383	85.7	310	241	69	73	66	7	19.0
College graduates	64	60	(²)	52	40	12	9	8	-	(²)
Hispanic origin										
Total, 16 to 24 years	2,097	1,520	72.5	1,248	1,022	226	272	238	34	17.9
16 to 19 years	528	347	65.8	239	165	73	109	87	22	31.3
20 to 24 years	1,569	1,173	74.8	1,010	857	153	163	151	12	13.9
Men	1,087	982	90.4	811	692	119	171	157	14	17.4
Women	1,010	538	53.3	437	330	107	101	81	20	18.7
Less than a high school diploma	1,104	717	65.0	571	464	107	146	129	17	20.3
High school graduates, no college	693	548	79.1	457	363	94	91	80	11	16.6
Less than a bachelors degree	256	217	84.7	182	158	23	35	29	6	16.3
College graduates	44	38	(²)	38	36	2	-	-	-	(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							
	Mar. 1992	Mar. 1993	Total		Employed		Unemployed			
			Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Number		Percent of labor force	
							Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,845	7,914	7,083	7,103	6,669	6,690	413	412	5.8	5.8
35 to 49 years	6,338	6,055	5,942	5,661	5,591	5,332	351	330	5.9	5.8
35 to 39 years	999	798	928	747	863	672	65	75	7.0	10.1
40 to 44 years	2,810	2,389	2,640	2,241	2,494	2,102	146	139	5.5	6.2
45 to 49 years	2,529	2,868	2,374	2,673	2,234	2,558	140	115	5.9	4.3
50 years and over	1,507	1,859	1,141	1,441	1,078	1,359	62	83	5.5	5.8
NONVETERANS										
Total, 35 to 49 years	19,043	20,083	17,751	18,662	16,563	17,433	1,188	1,229	6.7	6.6
35 to 39 years	8,619	8,955	8,144	8,430	7,567	7,864	577	566	7.1	6.7
40 to 44 years	6,097	6,637	5,658	6,175	5,282	5,805	375	370	6.6	6.0
45 to 49 years	4,327	4,491	3,950	4,057	3,714	3,764	236	294	6.0	7.2

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	March 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	96,251	94,174	2,077	21,155	16,982	4,173	7,657	1,619
16 to 19 years	1,289	1,231	57	3,628	3,316	312	513	756
16 to 17 years	118	112	6	1,651	1,591	60	96	508
18 to 19 years	1,171	1,119	52	1,977	1,725	252	417	248
20 years and over	94,962	92,943	2,020	17,527	13,666	3,861	7,144	863
20 to 24 years	8,483	8,239	244	3,427	2,695	732	1,197	222
25 years and over	86,479	84,703	1,776	14,100	10,971	3,129	5,948	641
25 to 54 years	75,588	73,991	1,597	10,299	7,669	2,630	5,385	505
55 years and over	10,891	10,712	179	3,801	3,302	499	563	136
Men, 16 years and over	56,128	54,779	1,348	7,242	5,504	1,738	4,977	706
16 to 19 years	730	697	33	1,819	1,647	172	305	428
20 years and over	55,397	54,082	1,315	5,423	3,857	1,566	4,672	278
20 to 24 years	4,708	4,547	161	1,477	1,122	355	774	107
25 years and over	50,689	49,535	1,154	3,946	2,735	1,211	3,899	170
25 to 54 years	44,002	42,979	1,023	2,354	1,321	1,034	3,485	112
55 years and over	6,687	6,556	131	1,592	1,414	178	413	58
Women, 16 years and over	40,123	39,395	729	13,913	11,477	2,435	2,681	913
16 to 19 years	558	534	24	1,810	1,669	141	209	327
20 years and over	39,565	38,860	704	12,103	9,809	2,295	2,472	586
20 to 24 years	3,775	3,692	83	1,950	1,573	377	423	115
25 years and over	35,790	35,168	621	10,154	8,236	1,918	2,049	470
25 to 54 years	31,585	31,012	574	7,945	6,348	1,597	1,900	393
55 years and over	4,204	4,156	48	2,209	1,888	321	149	77
White								
Men, 16 years and over	49,157	48,047	1,110	6,196	4,815	1,381	3,853	516
16 to 19 years	659	634	25	1,628	1,478	150	214	315
20 years and over	48,498	47,412	1,085	4,568	3,337	1,231	3,639	201
20 to 24 years	4,085	3,952	134	1,266	971	295	534	74
25 years and over	44,412	43,460	952	3,302	2,366	937	3,105	128
25 to 54 years	38,423	37,589	834	1,869	1,078	792	2,776	88
55 years and over	5,989	5,871	118	1,433	1,288	145	329	39
Women, 16 years and over	33,556	32,988	568	12,361	10,354	2,007	1,924	759
16 to 19 years	502	479	23	1,620	1,493	127	129	259
20 years and over	33,054	32,509	545	10,741	8,861	1,880	1,794	500
20 to 24 years	3,227	3,157	70	1,648	1,348	300	302	93
25 years and over	29,827	29,353	474	9,093	7,513	1,580	1,493	408
25 to 54 years	26,226	25,796	430	7,107	5,792	1,315	1,362	338
55 years and over	3,601	3,556	45	1,986	1,720	265	131	69
Black								
Men, 16 years and over	5,005	4,797	209	742	450	293	937	166
16 to 19 years	45	36	9	152	133	20	83	100
20 years and over	4,960	4,760	200	590	317	273	854	66
20 to 24 years	466	440	26	133	79	54	215	30
25 years and over	4,494	4,321	174	457	238	219	639	36
25 to 54 years	3,983	3,819	164	347	157	190	578	24
55 years and over	511	501	10	110	81	29	61	12
Women, 16 years and over	4,977	4,844	133	1,085	770	315	655	119
16 to 19 years	40	39	1	120	111	9	73	58
20 years and over	4,938	4,805	132	965	659	306	583	62
20 to 24 years	432	420	13	222	158	64	111	17
25 years and over	4,505	4,386	120	743	501	242	471	45
25 to 54 years	4,046	3,927	120	571	372	199	461	38
55 years and over	459	459	-	172	129	43	10	7

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	March 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	100,827	66.1	93,502	7,325	7.3	51,655	20,102	8,641	2,905	20,007
Husbands	40,282	77.1	38,231	2,051	5.1	11,977	267	200	1,146	10,364
With employed wife	27,114	90.9	25,869	1,245	4.6	2,719	135	108	447	2,028
With unemployed wife	1,245	92.5	1,056	189	15.2	101	4	6	28	63
With wife not in labor force	11,922	56.6	11,306	617	5.2	9,157	127	86	670	8,273
Wives	31,180	59.7	29,833	1,346	4.3	21,079	15,208	450	489	4,933
With employed husband	26,925	70.4	25,869	1,056	3.9	11,306	9,670	321	147	1,168
With unemployed husband	1,435	69.9	1,245	189	13.2	617	480	38	39	59
With husband not in labor force	2,820	23.5	2,719	101	3.6	9,157	5,059	90	303	3,706
Relatives in married-couple families	12,152	60.1	10,520	1,631	13.4	8,080	712	5,493	369	1,508
16 to 19 years	3,886	46.7	3,226	659	17.0	4,440	105	4,050	15	271
20 to 24 years	4,487	72.4	3,991	496	11.0	1,710	170	1,265	38	237
25 years and over	3,779	66.2	3,303	476	12.6	1,930	437	178	316	1,000
Women who maintain families	7,391	62.0	6,731	660	8.9	4,530	2,734	248	336	1,212
Relatives in families maintained by women	5,583	57.1	4,523	1,059	19.0	4,189	811	1,835	381	1,162
16 to 19 years	1,247	42.9	866	381	30.5	1,662	93	1,440	9	120
20 to 24 years	1,456	69.5	1,207	249	17.1	640	145	303	19	172
25 years and over	2,879	60.4	2,450	429	14.9	1,887	573	92	353	870
Men who maintain families	2,457	77.9	2,154	304	12.4	696	56	53	101	486
Relatives in families maintained by men	1,783	61.8	1,510	272	15.3	1,104	314	362	83	346
16 to 19 years	228	43.7	172	56	24.6	294	21	242	2	29
20 to 24 years	462	73.2	390	72	15.5	169	35	89	9	35
25 years and over	1,092	63.0	948	144	13.2	641	258	31	72	282

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	
	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
Total, 16 years and over	5,889	5,683	8.6	8.2	3,802	3,594	6.6	6.2
Married, spouse present	2,335	2,291	5.5	5.3	1,574	1,409	5.0	4.4
Widowed, divorced, or separated	863	820	11.2	10.9	922	797	8.0	7.0
Single (never married)	2,692	2,572	14.5	13.8	1,306	1,388	9.3	9.8
White, 16 years and over	4,602	4,369	7.8	7.3	2,845	2,683	5.9	5.5
Married, spouse present	1,949	1,886	5.2	4.9	1,321	1,171	4.7	4.1
Widowed, divorced, or separated	656	629	10.4	10.0	690	598	7.4	6.5
Single (never married)	1,998	1,854	13.1	12.2	834	914	7.5	8.3
Black, 16 years and over	1,104	1,103	16.3	16.1	813	774	12.0	11.3
Married, spouse present	300	309	9.7	9.7	181	177	7.5	7.5
Widowed, divorced, or separated	184	156	16.1	15.3	216	162	11.5	8.6
Single (never married)	620	637	24.3	24.0	415	435	16.6	16.9
Total, 25 years and over	4,165	4,069	7.1	6.9	2,744	2,520	5.7	5.2
Married, spouse present	2,201	2,165	5.4	5.2	1,401	1,275	4.7	4.2
Widowed, divorced, or separated	830	791	11.1	10.8	868	749	7.8	6.7
Single (never married)	1,134	1,113	11.4	11.3	475	496	6.8	7.0
White, 25 years and over	3,270	3,233	6.5	6.3	2,063	1,900	5.1	4.7
Married, spouse present	1,831	1,797	5.0	4.9	1,174	1,059	4.4	3.9
Widowed, divorced, or separated	624	608	10.2	10.0	647	564	7.2	6.3
Single (never married)	815	828	10.2	10.5	242	278	4.7	5.4
Black, 25 years and over	758	675	13.4	12.0	570	516	10.0	9.0
Married, spouse present	285	276	9.5	9.0	162	164	7.2	7.2
Widowed, divorced, or separated	184	149	16.5	14.9	206	148	11.2	8.1
Single (never married)	288	250	18.9	16.0	203	204	12.8	12.3

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
Total, 16 years and over	9,691	9,276	7.7	7.3	8.6	8.2	6.6	6.2
Managerial and professional specialty	933	1,004	2.9	3.0	3.1	3.1	2.8	2.9
Executive, administrative, and managerial	547	583	3.6	3.6	3.2	3.3	4.0	4.1
Professional specialty	386	421	2.3	2.4	2.8	2.8	1.8	2.1
Technical, sales, and administrative support	2,247	1,999	5.7	5.2	5.2	4.8	6.0	5.4
Technicians and related support	155	167	3.6	4.0	4.0	3.7	3.1	4.3
Sales occupations	973	951	6.6	6.3	5.2	5.0	8.2	7.8
Administrative support, including clerical	1,118	881	5.6	4.6	5.9	5.2	5.5	4.4
Service occupations	1,418	1,360	8.1	7.7	8.6	8.7	7.8	6.9
Private household	57	68	7.0	7.3	(¹)	(¹)	7.0	6.9
Protective service	87	108	3.8	4.6	3.8	4.5	4.2	5.6
Service, except private household and protective	1,274	1,183	8.8	8.2	10.3	10.2	8.0	7.0
Precision production, craft, and repair	1,572	1,377	11.2	9.9	11.5	10.1	8.5	7.1
Mechanics and repairers	315	264	6.8	6.0	6.9	6.0	5.6	4.1
Construction trades	958	818	18.2	15.2	18.3	15.2	15.4	15.6
Other precision production, craft, and repair	299	295	7.2	7.2	6.9	7.4	8.3	6.7
Operators, fabricators, and laborers	2,389	2,245	12.6	11.8	13.0	12.2	11.2	10.8
Machine operators, assemblers, and inspectors	971	934	11.5	11.2	11.6	11.2	11.3	11.2
Transportation and material moving occupations	542	504	10.3	9.4	10.5	9.5	8.2	8.6
Handlers, equipment cleaners, helpers, and laborers	876	808	16.5	15.3	17.5	16.3	12.2	10.6
Construction laborers	241	235	27.5	30.4	26.9	30.7	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	635	572	14.4	12.7	15.2	13.3	11.3	10.1
Farming, forestry, and fishing	288	337	8.9	10.3	8.6	10.0	10.2	12.0
No previous work experience	786	887	-	-	-	-	-	-
16 to 19 years	534	625	-	-	-	-	-	-
20 to 24 years	120	128	-	-	-	-	-	-
25 years and over	131	134	-	-	-	-	-	-

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	
	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
Total, 16 years and over	9,691	9,276	7.7	7.3	8.6	8.2	6.6	6.2
Nonagricultural private wage and salary workers	7,825	7,271	8.3	7.7	9.3	8.7	7.1	6.5
Mining	70	49	9.5	6.9	11.0	7.3	2.5	5.3
Construction	1,331	1,137	22.1	19.6	23.2	20.5	11.5	10.3
Manufacturing	1,659	1,601	7.9	7.8	7.8	7.7	8.0	7.9
Durable goods	985	897	8.1	7.6	8.3	7.9	7.8	6.9
Lumber and wood products	76	56	11.6	8.8	12.4	9.8	5.3	3.1
Furniture and fixtures	61	56	10.7	8.7	10.2	10.0	11.9	6.3
Stone, clay, and glass products	58	56	9.9	10.3	9.7	11.1	10.9	7.1
Primary metal industries	57	85	7.0	10.5	7.4	10.4	4.7	10.7
Fabricated metal products	118	99	9.6	7.8	10.1	8.0	7.4	6.7
Machinery and computing equipment	148	142	6.2	6.3	6.2	6.5	6.0	5.1
Electrical machinery, equipment, and supplies	124	138	5.9	7.4	5.5	6.5	6.6	8.8
Transportation equipment	232	181	9.3	7.5	9.5	7.6	8.7	7.4
Automobiles	112	76	9.1	6.3	9.3	5.9	8.5	7.6
Other transportation equipment	120	105	9.6	8.8	9.7	9.3	9.0	7.1
Professional and photographic equipment	41	34	5.4	4.8	5.4	5.2	5.3	4.1
Other durable goods industries	70	50	13.1	8.5	11.3	8.8	15.3	7.2
Nondurable goods	674	703	7.5	8.0	7.1	7.5	8.2	8.8
Food and kindred products	181	191	9.5	10.2	8.0	9.8	12.3	11.0
Textile mill products	45	47	6.6	7.4	6.6	7.6	6.6	7.1
Apparel and other textile products	124	131	10.9	10.8	15.5	11.9	9.3	10.4
Paper and allied products	30	32	3.8	4.2	3.6	3.3	4.2	7.1
Printing and publishing	126	126	6.7	6.9	6.6	6.5	6.7	7.3
Chemicals and allied products	58	70	4.3	5.6	4.1	5.8	4.9	5.2
Rubber and miscellaneous plastics products	63	80	7.8	9.5	7.9	8.6	7.7	11.0
Other nondurable goods industries	48	26	12.0	7.4	11.4	7.1	13.5	8.7
Transportation and public utilities	438	387	6.5	5.6	6.7	6.1	6.0	4.3
Transportation	328	292	8.5	7.0	8.9	8.0	7.2	4.1
Communications and other public utilities	110	95	3.8	3.5	3.2	2.8	4.9	4.6
Wholesale and retail trade	2,153	2,035	8.9	8.4	8.4	8.4	9.6	8.3
Wholesale trade	301	242	6.5	5.5	5.8	5.0	8.0	6.6
Retail trade	1,853	1,793	9.5	9.0	9.2	9.5	9.8	8.5
Finance, insurance, and real estate	323	329	4.5	4.6	4.7	4.4	4.3	4.6
Service industries	1,849	1,733	6.5	6.0	7.7	6.9	5.8	5.4
Professional services	677	630	3.9	3.6	4.0	3.7	3.9	3.6
Other service industries	1,172	1,103	10.4	9.6	11.0	9.7	9.8	9.4
Agricultural wage and salary workers	229	242	12.8	14.6	13.0	14.6	12.1	14.5
Government, self-employed, and unpaid family workers	852	876	2.9	2.9	3.4	3.5	2.4	2.3
No previous work experience	786	887	-	-	-	-	-	-

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	
	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
NUMBER OF UNEMPLOYED												
Total unemployed	9,691	9,276	5,118	4,950	3,279	3,058	1,293	1,269	7,447	7,052	1,917	1,877
Job losers	5,938	5,437	3,911	3,629	1,748	1,576	280	232	4,665	4,250	1,083	1,002
On layoff	1,592	1,395	1,128	1,029	390	313	74	53	1,380	1,178	182	187
Other job losers	4,347	4,042	2,783	2,600	1,358	1,263	205	179	3,286	3,072	901	815
Job leavers	874	1,013	357	485	390	374	127	154	713	784	136	190
Reentrants	2,167	2,018	764	737	1,008	971	395	310	1,586	1,466	515	471
New entrants	712	808	86	99	134	137	492	572	483	552	184	214
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	61.3	58.6	76.4	73.3	53.3	51.5	21.6	18.3	62.6	60.3	56.5	53.4
On layoff	16.4	15.0	22.0	20.8	11.9	10.2	5.7	4.2	18.5	16.7	9.5	10.0
Other job losers	44.9	43.6	54.4	52.5	41.4	41.3	15.9	14.1	44.1	43.6	47.0	43.4
Job leavers	9.0	10.9	7.0	9.8	11.9	12.2	9.8	12.2	9.6	11.1	7.1	10.1
Reentrants	22.4	21.8	14.9	14.9	30.7	31.8	30.5	24.4	21.3	20.8	26.8	25.1
New entrants	7.3	8.7	1.7	2.0	4.1	4.5	38.0	45.1	6.5	7.8	9.6	11.4
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	4.7	4.3	6.0	5.5	3.2	2.9	4.6	3.8	4.3	3.9	8.0	7.3
Job leavers .....	.7	.8	.5	.7	.7	.7	2.1	2.5	.7	.7	1.0	1.4
Reentrants	1.7	1.6	1.2	1.1	1.9	1.8	6.5	5.0	1.5	1.4	3.8	3.4
New entrants .....	.6	.6	.1	.2	.2	.2	8.1	9.2	.4	.5	1.4	1.6

**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	March 1993						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	9,276	100.0	30.5	31.2	38.2	17.9	20.3
Job losers	5,437	100.0	23.5	31.4	45.1	21.5	23.6
On layoff	1,395	100.0	32.8	34.5	32.7	22.6	10.1
Other job losers	4,042	100.0	20.2	30.4	49.4	21.1	28.3
Job leavers	1,013	100.0	40.0	30.5	29.5	12.0	17.5
Reentrants	2,018	100.0	38.6	32.4	29.0	13.4	15.6
New entrants	808	100.0	46.1	27.9	25.9	12.0	13.9
Men, 20 years and over	4,950	100.0	23.9	32.0	44.2	20.7	23.5
Job losers	3,629	100.0	21.3	32.1	46.7	22.5	24.1
On layoff	1,029	100.0	29.1	35.6	35.3	25.7	9.6
Other job losers	2,600	100.0	18.2	30.7	51.2	21.3	29.9
Job leavers	485	100.0	33.6	29.9	36.5	13.1	23.3
Reentrants	737	100.0	30.7	31.8	37.5	16.6	20.9
New entrants	99	100.0	20.0	39.9	40.1	22.0	18.2
Women, 20 years and over	3,058	100.0	33.8	30.4	35.8	16.1	19.7
Job losers	1,576	100.0	26.3	29.0	44.7	19.7	25.0
On layoff	313	100.0	38.8	33.6	27.5	15.1	12.4
Other job losers	1,263	100.0	23.2	27.9	49.0	20.9	28.1
Job leavers	374	100.0	42.4	29.7	27.9	12.5	15.4
Reentrants	971	100.0	41.0	32.9	26.1	13.0	13.1
New entrants	137	100.0	45.1	31.4	23.5	7.0	16.4
Both sexes, 16 to 19 years	1,269	100.0	48.8	30.3	20.9	11.1	9.8
Job losers	232	100.0	38.5	38.0	23.4	17.5	5.9
On layoff	53	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	179	100.0	29.6	43.5	26.9	21.0	5.9
Job leavers	154	100.0	54.4	34.0	11.6	7.4	4.2
Reentrants	310	100.0	49.7	32.6	17.7	7.3	10.4
New entrants	572	100.0	50.9	25.0	24.1	11.4	12.6

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	
	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
Total, 16 years and over	9,691	9,276	100.0	100.0	8,092	7,657	100.0	100.0
Less than 5 weeks	2,996	2,832	30.9	30.5	2,170	2,012	26.8	26.3
5 to 14 weeks	3,036	2,897	31.3	31.2	2,557	2,431	31.6	31.7
5 to 10 weeks	1,955	1,847	20.2	19.9	1,602	1,516	19.8	19.8
11 to 14 weeks	1,081	1,051	11.2	11.3	955	915	11.8	11.9
15 weeks and over	3,659	3,546	37.8	38.2	3,365	3,214	41.6	42.0
15 to 26 weeks	1,822	1,659	18.8	17.9	1,635	1,473	20.2	19.2
27 weeks and over	1,837	1,888	19.0	20.3	1,730	1,741	21.4	22.7
27 to 51 weeks	830	896	8.6	9.7	765	805	9.4	10.5
52 weeks and over	1,008	992	10.4	10.7	965	936	11.9	12.2
Average (mean) duration, in weeks	18.0	18.5	-	-	19.7	20.2	-	-
Median duration, in weeks	10.2	10.4	-	-	11.6	11.8	-	-

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	
								Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
	March 1993										
Total, 16 years and over	9,276	2,832	2,897	1,659	1,888	18.5	10.4	30.9	30.5	37.8	38.2
16 to 19 years	1,269	619	385	140	125	10.7	4.8	46.5	48.8	19.5	20.9
20 to 24 years	1,419	498	519	216	186	13.6	8.2	34.7	35.1	28.4	28.4
25 to 34 years	2,623	787	886	507	444	16.5	10.0	32.9	30.0	37.0	36.3
35 to 44 years	1,996	471	573	415	537	23.1	13.7	25.4	23.6	44.8	47.7
45 to 54 years	1,271	304	360	229	378	24.4	13.6	22.9	23.9	47.3	47.8
55 to 64 years	590	128	148	131	183	26.8	16.2	17.2	21.8	55.4	53.1
65 years and over	108	27	27	20	35	24.6	15.0	18.5	24.6	57.5	50.8
Men, 16 years and over	5,683	1,519	1,817	1,117	1,231	20.1	11.8	27.3	26.7	41.7	41.3
16 to 19 years	733	338	234	92	69	11.2	5.6	43.4	46.1	20.9	21.9
20 to 24 years	881	268	325	163	125	14.9	9.9	29.9	30.4	32.9	32.7
25 to 34 years	1,570	380	576	333	282	17.9	11.2	28.8	24.2	41.0	39.1
35 to 44 years	1,222	269	350	269	335	24.3	14.3	21.9	22.0	49.3	49.4
45 to 54 years	805	162	225	156	262	26.7	15.7	20.9	20.1	50.7	52.0
55 to 64 years	394	87	86	88	133	28.8	17.8	16.4	22.0	58.3	56.1
65 years and over	78	15	21	17	25	27.1	16.4	(¹)	19.8	(¹)	53.4
Women, 16 years and over	3,594	1,314	1,081	542	657	16.1	8.3	36.4	36.6	31.7	33.4
16 to 19 years	536	281	150	49	56	10.0	4.3	51.2	52.5	17.3	19.5
20 to 24 years	538	230	194	54	61	11.5	5.8	43.2	42.7	20.3	21.3
25 to 34 years	1,053	407	310	174	162	14.4	8.0	38.9	38.6	31.1	31.9
35 to 44 years	774	202	223	147	202	21.3	12.5	30.3	26.0	38.4	45.1
45 to 54 years	466	142	135	73	116	20.5	10.0	26.0	30.5	41.8	40.5
55 to 64 years	197	42	62	43	50	22.7	13.6	19.1	21.3	48.8	47.2
65 years and over	30	11	6	3	11	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	7,052	2,100	2,285	1,316	1,353	18.0	10.3	30.8	29.8	38.1	37.8
Men	4,369	1,087	1,468	919	895	19.8	11.9	26.5	24.9	41.8	41.5
Women	2,683	1,013	816	396	458	15.1	7.9	37.8	37.8	32.2	31.8
Black, 16 years and over	1,877	631	510	294	442	19.6	10.3	31.2	33.6	35.8	39.2
Men	1,103	368	277	170	288	21.2	11.3	29.3	33.4	41.4	41.5
Women	774	263	233	124	154	17.3	8.9	33.8	34.0	28.2	35.8
Men, 16 years and over:											
Married, spouse present	2,291	518	707	506	560	22.3	13.4	22.9	22.6	46.4	46.5
Widowed, divorced, or separated	820	166	257	156	240	23.3	13.9	23.4	20.2	47.7	48.3
Single (never married)	2,572	834	853	454	431	17.0	9.7	32.4	32.4	35.6	34.4
Women, 16 years and over:											
Married, spouse present	1,409	498	398	232	281	17.1	8.8	36.2	35.3	35.3	36.5
Widowed, divorced, or separated	797	262	228	141	166	17.9	10.0	32.4	32.9	33.5	38.5
Single (never married)	1,388	554	455	169	210	14.0	6.8	39.5	39.9	25.9	27.3

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	
	March 1993							Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
OCCUPATION											
Managerial and professional specialty	1,004	245	308	170	281	23.4	12.5	24.8	24.4	48.7	44.9
Technical, sales, and administrative support	1,999	615	594	328	461	19.8	10.8	33.2	30.8	34.9	39.5
Service occupations	1,360	527	412	201	220	15.2	7.8	39.5	38.7	31.0	31.0
Precision production, craft, and repair	1,377	355	469	278	275	19.5	11.5	24.9	25.8	42.7	40.2
Operators, fabricators, and laborers	2,245	581	743	448	473	19.3	11.9	24.5	25.9	41.9	41.0
Farming, forestry, and fishing	337	87	106	108	36	14.8	12.0	34.0	25.8	38.5	42.7
INDUSTRY¹											
Agriculture	242	71	74	82	15	13.7	11.5	34.5	29.3	33.2	40.1
Construction	1,171	278	405	274	215	18.3	12.3	21.9	23.7	44.0	41.8
Manufacturing	1,605	419	475	303	408	21.5	12.4	23.8	26.1	47.5	44.3
Durable goods	901	221	270	169	241	22.5	12.9	22.5	24.5	50.2	45.5
Nondurable goods	704	198	205	134	167	20.2	11.8	25.7	28.1	43.6	42.8
Transportation and public utilities	422	97	130	81	114	23.5	13.4	25.8	23.0	43.2	46.2
Wholesale and retail trade	2,053	646	674	321	412	18.0	9.7	33.8	31.5	31.9	35.7
Finance and service industries	2,324	759	723	378	464	18.1	9.4	33.0	32.7	36.6	36.2
Public administration	195	46	53	41	56	25.2	14.3	37.2	23.6	48.7	49.7
No previous work experience	887	406	256	106	119	12.9	5.6	46.7	45.8	22.4	25.4

¹ Includes wage and salary workers only.

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

Sex, age, and race	March 1993								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	9,276	7,774	23.6	9.5	73.4	43.1	25.5	4.5	1.80
16 to 19 years	1,269	1,198	14.7	3.8	79.5	30.0	19.5	2.3	1.50
20 to 24 years	1,419	1,248	25.0	7.4	75.2	46.2	25.2	2.0	1.81
25 to 34 years	2,623	2,134	27.0	10.0	73.6	46.3	26.5	3.9	1.87
35 to 44 years	1,996	1,608	24.4	11.4	72.0	43.9	26.4	5.5	1.84
45 to 54 years	1,271	1,039	26.0	12.8	69.7	47.5	27.2	7.0	1.90
55 to 64 years	590	451	20.4	13.3	66.6	43.4	30.9	10.2	1.85
65 years and over	108	95	13.4	15.1	66.9	37.3	19.9	8.2	1.61
Men, 16 years and over	5,683	4,547	26.0	9.7	73.9	42.1	27.7	5.1	1.84
16 to 19 years	733	693	15.2	4.3	79.1	29.2	22.1	1.3	1.51
20 to 24 years	881	738	26.5	6.4	76.7	49.2	27.3	1.9	1.88
25 to 34 years	1,570	1,202	31.8	9.9	73.2	44.8	29.2	5.1	1.94
35 to 44 years	928	928	26.8	12.3	73.3	41.9	29.0	5.4	1.89
45 to 54 years	805	623	26.8	11.3	70.9	43.4	28.0	7.7	1.88
55 to 64 years	394	297	24.9	15.4	66.8	43.5	32.8	14.3	1.98
65 years and over	78	65	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,594	3,227	20.1	9.4	72.8	44.6	22.3	3.7	1.73
16 to 19 years	536	506	14.1	3.1	80.0	31.1	15.8	3.5	1.48
20 to 24 years	538	509	22.8	8.8	73.0	41.8	22.0	2.1	1.71
25 to 34 years	1,053	932	20.7	10.0	74.1	48.1	23.0	2.3	1.78
35 to 44 years	774	680	21.0	10.1	70.3	46.6	22.9	5.7	1.77
45 to 54 years	466	415	24.7	15.1	68.0	53.5	25.9	6.0	1.93
55 to 64 years	197	154	11.8	9.3	66.2	43.4	27.3	2.2	1.60
65 years and over	30	30	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	7,052	5,780	22.3	9.3	73.7	44.7	26.2	5.2	1.81
Men	4,369	3,401	24.2	9.8	74.2	43.8	28.1	6.2	1.86
Women	2,683	2,380	19.7	8.5	73.0	45.9	23.6	3.7	1.74
Black, 16 years and over	1,877	1,678	27.3	10.8	73.1	37.3	21.9	2.6	1.73
Men	1,103	963	31.3	9.5	73.6	35.8	25.7	1.8	1.78
Women	774	715	21.9	12.6	72.4	39.5	16.8	3.7	1.67

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	March 1993								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	9,276	7,774	23.6	9.5	73.4	43.1	25.5	4.5	1.80
Job losers ¹	5,437	3,991	28.0	11.6	72.7	47.2	28.8	4.9	1.93
Job leavers	1,013	988	22.6	10.1	73.3	45.5	23.8	2.7	1.78
Reentrants	2,018	1,997	20.2	7.7	73.7	39.9	20.8	5.0	1.67
New entrants	808	798	10.7	3.4	76.5	28.0	22.5	3.6	1.45
Men, 16 years and over	5,683	4,547	26.0	9.7	73.9	42.1	27.7	5.1	1.84
Job losers ¹	3,760	2,659	30.3	11.5	72.5	46.1	30.7	5.6	1.97
Job leavers	560	549	25.0	7.6	72.7	42.6	23.6	3.2	1.75
Reentrants	947	927	20.4	8.1	75.8	36.4	24.0	5.8	1.70
New entrants	415	411	12.2	3.9	80.2	27.9	22.1	2.5	1.49
Women, 16 years and over	3,594	3,227	20.1	9.4	72.8	44.6	22.3	3.7	1.73
Job losers ¹	1,677	1,332	23.5	11.6	73.1	49.3	24.9	3.4	1.86
Job leavers	453	438	19.7	13.2	74.2	49.0	24.0	1.9	1.82
Reentrants	1,071	1,070	20.0	7.3	71.9	42.9	18.1	4.4	1.65
New entrants	393	386	9.2	2.9	72.6	28.1	23.0	4.7	1.40

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	
	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
All industries	116,106	117,406	62,602	63,370	53,504	54,036
16 to 19 years	4,802	4,917	2,398	2,549	2,404	2,368
16 to 17 years	1,704	1,769	826	929	878	841
18 to 19 years	3,098	3,148	1,572	1,620	1,526	1,527
20 to 24 years	11,925	11,910	6,077	6,185	5,848	5,725
25 to 54 years	84,512	85,887	45,708	46,357	38,805	39,530
25 to 34 years	32,303	31,980	17,711	17,586	14,592	14,394
35 to 44 years	31,455	32,024	16,824	17,192	14,631	14,832
45 to 54 years	20,754	21,883	11,173	11,579	9,581	10,304
55 to 64 years	11,329	11,390	6,342	6,372	4,987	5,018
55 to 59 years	6,781	6,890	3,775	3,815	3,006	3,075
60 to 64 years	4,548	4,500	2,567	2,557	1,981	1,943
65 years and over	3,537	3,302	2,077	1,907	1,461	1,395
Agriculture	2,918	2,805	2,289	2,210	629	595
16 to 19 years	144	160	112	133	32	27
16 to 17 years	65	74	52	67	14	7
18 to 19 years	78	86	60	67	18	20
20 to 24 years	284	251	221	197	63	55
25 to 54 years	1,770	1,758	1,376	1,357	395	401
25 to 34 years	716	690	550	557	166	133
35 to 44 years	637	642	500	483	137	159
45 to 54 years	417	426	326	317	91	109
55 to 64 years	410	352	322	291	87	61
55 to 59 years	207	184	165	153	43	31
60 to 64 years	202	168	158	138	45	30
65 years and over	311	283	258	232	53	51
Nonagricultural industries	113,188	114,601	60,313	61,160	52,875	53,441
16 to 19 years	4,658	4,757	2,286	2,416	2,372	2,341
16 to 17 years	1,639	1,695	775	862	864	833
18 to 19 years	3,019	3,061	1,511	1,554	1,508	1,508
20 to 24 years	11,642	11,658	5,856	5,988	5,786	5,670
25 to 54 years	82,742	84,129	44,332	44,999	38,410	39,129
25 to 34 years	31,587	31,290	17,161	17,029	14,426	14,261
35 to 44 years	30,818	31,382	16,323	16,709	14,495	14,674
45 to 54 years	20,337	21,457	10,847	11,262	9,490	10,195
55 to 64 years	10,920	11,038	6,020	6,081	4,899	4,957
55 to 59 years	6,574	6,706	3,611	3,662	2,963	3,044
60 to 64 years	4,346	4,332	2,410	2,419	1,936	1,913
65 years and over	3,227	3,019	1,819	1,675	1,408	1,344

**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	
	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
Total	116,106	117,406	62,602	63,370	60,204	60,821	53,504	54,036	51,100	51,668
Managerial and professional specialty	31,075	32,402	16,377	16,909	16,289	16,843	14,698	15,493	14,593	15,409
Executive, administrative, and managerial	14,843	15,482	8,712	9,037	8,685	9,003	6,131	6,446	6,102	6,418
Officials and administrators, public administration	616	614	367	340	367	340	249	273	249	274
Other executive, administrative, and managerial	10,263	10,503	6,439	6,651	6,413	6,628	3,824	3,852	3,808	3,830
Management-related occupations	3,964	4,366	1,906	2,045	1,905	2,034	2,058	2,320	2,045	2,314
Professional specialty	16,232	16,920	7,665	7,872	7,604	7,841	8,566	9,047	8,491	8,992
Engineers	1,840	1,727	1,670	1,611	1,664	1,609	170	117	169	117
Mathematical and computer scientists	970	1,044	648	709	647	709	322	335	322	335
Natural scientists	433	516	316	347	315	348	117	169	117	169
Health diagnosing occupations	896	936	731	750	731	750	165	186	164	186
Health assessment and treating occupations	2,354	2,470	292	310	287	310	2,062	2,160	2,055	2,157
Teachers, college and university	798	837	494	469	491	466	304	368	304	362
Teachers, except college and university	4,252	4,601	1,042	1,128	1,023	1,116	3,211	3,473	3,181	3,442
Lawyers and judges	791	821	608	635	608	636	183	185	183	185
Other professional specialty occupations	3,897	3,968	1,866	1,913	1,838	1,897	2,032	2,056	1,994	2,039
Technical, sales, and administrative support	36,908	36,441	13,202	13,247	12,707	12,699	23,706	23,194	22,414	21,953
Technicians and related support	4,204	3,982	2,156	1,949	2,128	1,924	2,047	2,033	2,020	2,014
Health technologists and technicians	1,491	1,511	285	301	284	293	1,206	1,210	1,193	1,200
Engineering and science technicians	1,148	1,054	904	821	887	805	244	234	234	224
Technicians, except health, engineering, and science	1,565	1,417	967	826	957	825	598	590	593	591
Sales occupations	13,708	14,106	7,185	7,367	6,880	7,031	6,523	6,740	5,709	5,939
Supervisors and proprietors	3,924	3,950	2,568	2,516	2,559	2,510	1,357	1,433	1,333	1,414
Sales representatives, finance and business services	2,221	2,245	1,334	1,333	1,327	1,325	888	911	881	903
Sales representatives, commodities, except retail	1,563	1,600	1,211	1,227	1,205	1,222	352	373	351	371
Sales workers, retail and personal services	5,914	6,224	2,035	2,246	1,752	1,932	3,879	3,978	3,096	3,208
Sales-related occupations	85	87	38	44	38	42	47	43	47	43
Administrative support, including clerical	18,996	18,353	3,860	3,932	3,699	3,744	15,136	14,421	14,685	14,001
Supervisors	800	641	351	254	350	251	450	387	450	387
Computer equipment operators	634	633	208	257	203	249	426	375	423	370
Secretaries, stenographers, and typists	4,463	4,128	66	65	65	58	4,397	4,063	4,308	3,966
Financial records processing	2,429	2,199	245	220	245	215	2,184	1,978	2,164	1,967
Mail and message distributing	904	974	596	649	578	622	307	325	298	309
Other administrative support, including clerical	9,767	9,779	2,395	2,487	2,258	2,348	7,372	7,292	7,041	7,001
Service occupations	16,084	16,370	6,682	6,657	5,922	5,817	9,402	9,712	8,563	8,822
Private household	761	863	28	47	23	35	733	816	615	708
Protective service	2,200	2,221	1,826	1,848	1,809	1,817	375	374	357	346
Service, except private household and protective	13,122	13,285	4,829	4,762	4,089	3,966	8,294	8,523	7,591	7,768
Food service	5,357	5,587	2,292	2,297	1,715	1,702	3,065	3,291	2,608	2,766
Health service	2,128	2,192	196	244	191	230	1,932	1,947	1,862	1,893
Cleaning and building service	3,028	2,996	1,856	1,752	1,756	1,615	1,172	1,244	1,129	1,195
Personal service	2,610	2,511	485	470	427	419	2,125	2,041	1,992	1,914
Precision production, craft, and repair	12,439	12,520	11,360	11,515	11,180	11,312	1,080	1,005	1,059	992
Mechanics and repairers	4,296	4,158	4,160	4,019	4,067	3,965	136	140	136	139
Construction trades	4,293	4,569	4,219	4,495	4,174	4,391	75	75	67	75
Other precision production, craft, and repair	3,850	3,792	2,981	3,002	2,939	2,955	869	791	856	778
Operators, fabricators, and laborers	16,635	16,735	12,494	12,549	11,738	11,822	4,141	4,186	4,022	4,061
Machine operators, assemblers, and inspectors	7,496	7,398	4,585	4,481	4,468	4,360	2,911	2,917	2,866	2,858
Manufacturing industries	6,179	6,086	3,739	3,679	3,660	3,576	2,440	2,406	2,401	2,361
Durable goods	3,396	3,313	2,368	2,340	2,308	2,276	1,029	974	1,024	952
Nondurable goods	2,783	2,773	1,371	1,340	1,352	1,300	1,411	1,433	1,377	1,408
Nonmanufacturing industries	1,317	1,312	846	802	809	784	471	511	465	498
Transportation and material moving occupations	4,721	4,868	4,306	4,417	4,202	4,349	415	450	409	445
Motor vehicle operators	3,637	3,705	3,270	3,312	3,174	3,256	368	393	362	388
Other transportation and material moving occupations	1,083	1,163	1,036	1,106	1,028	1,092	47	57	48	57
Handlers, equipment cleaners, helpers, and laborers	4,418	4,469	3,603	3,651	3,067	3,113	815	818	747	758
Construction laborers	635	540	624	519	586	501	12	21	12	21
Other handlers, equipment cleaners, helpers, and laborers	3,782	3,930	2,979	3,133	2,482	2,612	803	798	736	737
Farming, forestry, and fishing	2,965	2,938	2,487	2,492	2,369	2,327	478	446	449	430
Farm operators and managers	1,171	1,142	1,004	981	995	979	167	162	167	160
Other farming, forestry, and fishing occupations	1,794	1,796	1,483	1,511	1,374	1,348	311	284	282	270

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
TOTAL						
Total, 16 years and over (thousands)	116,106	117,406	62,602	63,370	53,504	54,036
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	26.8	27.6	26.2	26.7	27.5	28.7
Executive, administrative, and managerial	12.8	13.2	13.9	14.3	11.5	11.9
Professional specialty	14.0	14.4	12.2	12.4	16.0	16.7
Technical, sales, and administrative support	31.8	31.0	21.1	20.9	44.3	42.9
Technicians and related support	3.6	3.4	3.4	3.1	3.8	3.8
Sales occupations	11.8	12.0	11.5	11.6	12.2	12.5
Administrative support, including clerical	16.4	15.6	6.2	6.2	28.3	26.7
Service occupations	13.9	13.9	10.7	10.5	17.6	18.0
Private household .....	.7	.7	-	.1	1.4	1.5
Protective service	1.9	1.9	2.9	2.9	.7	.7
Service, except private household and protective	11.3	11.3	7.7	7.5	15.5	15.8
Precision production, craft, and repair	10.7	10.7	18.1	18.2	2.0	1.9
Operators, fabricators, and laborers	14.3	14.3	20.0	19.8	7.7	7.7
Machine operators, assemblers, and inspectors	6.5	6.3	7.3	7.1	5.4	5.4
Transportation and material moving occupations	4.1	4.1	6.9	7.0	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.8	3.8	5.8	5.8	1.5	1.5
Farming, forestry, and fishing	2.6	2.5	4.0	3.9	.9	.8
White						
Total, 16 years and over (thousands)	100,325	101,269	54,701	55,352	45,624	45,917
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	27.9	28.6	27.2	27.8	28.7	29.6
Executive, administrative, and managerial	13.5	13.8	14.6	15.0	12.1	12.3
Professional specialty	14.4	14.8	12.6	12.7	16.6	17.3
Technical, sales, and administrative support	32.2	31.4	21.4	21.0	45.1	43.9
Technicians and related support	3.6	3.4	3.4	3.1	3.9	3.8
Sales occupations	12.4	12.6	12.1	12.2	12.7	13.1
Administrative support, including clerical	16.2	15.4	5.9	5.7	28.5	27.1
Service occupations	12.6	12.7	9.6	9.4	16.1	16.6
Private household .....	.6	.6	-	.1	1.3	1.3
Protective service	1.7	1.8	2.7	2.8	.6	.6
Service, except private household and protective	10.2	10.3	6.9	6.6	14.2	14.7
Precision production, craft, and repair	11.1	11.1	18.7	18.9	2.0	1.8
Operators, fabricators, and laborers	13.6	13.6	18.9	18.9	7.2	7.2
Machine operators, assemblers, and inspectors	6.0	5.9	7.0	6.8	4.9	4.9
Transportation and material moving occupations	3.9	3.9	6.5	6.5	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.6	3.7	5.4	5.5	1.5	1.5
Farming, forestry, and fishing	2.7	2.6	4.1	4.1	1.0	.9
Black						
Total, 16 years and over (thousands)	11,669	11,810	5,687	5,748	5,982	6,062
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	16.3	18.1	14.3	14.8	18.1	21.3
Executive, administrative, and managerial	7.2	8.1	7.7	7.5	6.6	8.7
Professional specialty	9.1	10.0	6.6	7.3	11.5	12.6
Technical, sales, and administrative support	28.9	28.5	17.6	19.3	39.8	37.1
Technicians and related support	3.0	3.2	3.1	2.8	3.0	3.5
Sales occupations	7.1	7.6	5.8	6.9	8.2	8.3
Administrative support, including clerical	18.9	17.7	8.7	9.6	28.5	25.3
Service occupations	24.3	23.7	19.2	19.4	29.1	27.8
Private household	1.2	1.4	-	-	2.3	2.7
Protective service	3.3	3.1	4.9	4.8	1.7	1.5
Service, except private household and protective	19.9	19.2	14.3	14.6	25.2	23.6
Precision production, craft, and repair	8.1	7.8	14.7	13.6	1.8	2.3
Operators, fabricators, and laborers	21.0	20.5	31.5	30.1	11.1	11.4
Machine operators, assemblers, and inspectors	9.4	8.9	10.4	9.3	8.4	8.5
Transportation and material moving occupations	6.1	6.1	11.5	11.4	.9	1.0
Handlers, equipment cleaners, helpers, and laborers	5.6	5.5	9.6	9.3	1.7	1.9
Farming, forestry, and fishing	1.4	1.5	2.7	2.8	.2	.2

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

(In thousands)

Age and sex	March 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	105,666	1,064	18,684	85,918	8,700	235	1,413	1,275	117
16 to 19 years	4,700	156	217	4,327	49	8	116	12	32
16 to 17 years	1,674	77	52	1,545	17	4	51	7	16
18 to 19 years	3,026	79	164	2,782	32	4	65	4	17
20 to 24 years	11,402	116	1,174	10,111	232	25	200	41	10
25 to 34 years	29,453	177	4,361	24,915	1,799	38	449	232	9
35 to 44 years	28,669	186	5,735	22,748	2,661	52	339	278	24
45 to 54 years	19,292	168	4,679	14,445	2,097	67	161	245	21
55 to 64 years	9,741	187	2,063	7,491	1,270	26	95	249	8
55 to 59 years	5,937	101	1,266	4,570	760	9	54	129	2
60 to 64 years	3,805	85	798	2,922	510	17	42	120	6
65 years and over	2,409	75	454	1,880	593	17	52	218	13
Men, 16 years and over	55,403	132	8,426	46,844	5,709	48	1,091	1,068	50
16 to 19 years	2,387	43	109	2,236	20	9	94	10	29
16 to 17 years	850	22	38	791	7	4	47	7	13
18 to 19 years	1,537	21	71	1,445	12	4	47	3	17
20 to 24 years	5,825	18	507	5,300	150	14	149	41	6
25 to 34 years	15,853	15	2,108	13,729	1,171	5	361	194	2
35 to 44 years	14,947	15	2,454	12,478	1,756	6	254	227	2
45 to 54 years	9,911	17	2,049	7,845	1,344	6	114	195	9
55 to 64 years	5,226	12	975	4,240	852	3	79	212	-
55 to 59 years	3,172	8	585	2,579	488	2	41	112	-
60 to 64 years	2,054	3	390	1,661	364	1	38	100	-
65 years and over	1,253	14	224	1,016	418	4	40	189	2
Women, 16 years and over	50,263	932	10,257	39,075	2,991	187	322	207	66
16 to 19 years	2,312	113	108	2,091	29	-	23	2	3
16 to 17 years	824	55	15	754	10	-	4	-	3
18 to 19 years	1,489	58	93	1,337	19	-	18	2	-
20 to 24 years	5,577	98	667	4,811	82	11	51	-	4
25 to 34 years	13,600	161	2,253	11,185	628	33	88	38	7
35 to 44 years	13,722	171	3,281	10,270	905	46	86	51	22
45 to 54 years	9,381	151	2,630	6,600	753	61	47	50	12
55 to 64 years	4,515	175	1,088	3,252	419	23	16	37	8
55 to 59 years	2,764	93	681	1,991	272	7	12	16	2
60 to 64 years	1,751	82	407	1,261	146	16	4	21	6
65 years and over	1,156	61	230	865	175	13	11	28	11

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	March 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	2,805	89	77	38	25	104	-	24	40	9	33	11	2,355
Mining	677	94	68	34	2	72	-	10	245	24	98	29	-
Construction	6,590	978	152	38	84	348	-	28	3,801	73	456	619	15
Manufacturing	19,441	2,579	1,743	672	769	2,102	-	303	3,483	6,086	666	956	81
Durable goods	11,191	1,491	1,072	455	290	1,145	-	163	2,397	3,313	359	437	68
Nondurable goods	8,251	1,089	671	218	479	957	-	139	1,086	2,773	307	520	13
Transportation and public utilities	8,538	968	534	330	243	2,330	-	279	1,268	128	2,008	440	11
Wholesale and retail trade	24,381	2,182	425	190	10,152	2,312	-	4,629	1,282	261	990	1,896	62
Wholesale trade	4,504	520	80	52	1,792	803	-	41	255	92	462	371	36
Retail trade	19,877	1,662	346	138	8,360	1,509	-	4,588	1,027	169	528	1,525	26
Finance, insurance, and real estate	7,795	2,067	259	144	1,885	2,882	-	288	179	17	8	19	46
Services	41,600	5,274	12,864	2,273	919	6,898	863	8,376	2,011	748	559	454	361
Private households	1,081	5	7	6	-	10	863	105	2	-	9	22	51
Other service industries	40,520	5,269	12,857	2,267	918	6,888	-	8,271	2,009	748	549	432	310
Professional services	28,528	3,399	11,571	1,940	161	5,198	-	5,142	419	181	320	109	86
Public administration	5,578	1,250	796	263	29	1,304	-	1,570	211	51	51	45	7

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					
	Mar. 1992	Mar. 1993	Total		Wage and salary workers ¹			
			Mar. 1992	Mar. 1993	Paid absences		Unpaid absences	
					Mar. 1992	Mar. 1993	Mar. 1992	Mar. 1993
Total, 16 years and over	4,575	4,906	4,424	4,730	1,939	1,943	1,807	2,139
Vacation	1,807	1,946	1,780	1,917	1,124	1,144	457	571
Illness	1,293	1,481	1,250	1,424	531	552	603	723
Bad weather	136	321	103	268	(²)	(²)	(²)	(²)
Industrial dispute	14	3	13	3	(²)	(²)	(²)	(²)
All other reasons	1,325	1,155	1,279	1,118	285	247	747	846
Men, 16 years and over	2,308	2,542	2,181	2,393	954	970	782	1,012
Vacation	915	1,016	895	992	583	609	191	258
Illness	679	728	643	689	279	264	293	355
All other reasons ³	714	799	643	714	91	97	297	398
Women, 16 years and over	2,267	2,364	2,243	2,337	985	973	1,026	1,126
Vacation	892	929	885	925	539	536	266	311
Illness	614	753	607	734	251	288	310	368
All other reasons ³	761	681	750	678	194	150	450	447

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	March 1993					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	112,500	2,629	109,871	100.0	100.0	100.0
1 to 34 hours	27,588	856	26,731	24.5	32.6	24.3
1 to 4 hours	819	26	793	.7	1.0	.7
5 to 14 hours	4,820	196	4,624	4.3	7.5	4.2
15 to 29 hours	13,929	431	13,498	12.4	16.4	12.3
30 to 34 hours	8,019	202	7,817	7.1	7.7	7.1
35 hours and over	84,912	1,772	83,140	75.5	67.5	75.7
35 to 39 hours	7,363	130	7,233	6.5	4.9	6.6
40 hours	43,547	546	43,001	38.7	20.8	39.1
41 hours and over	34,002	1,097	32,906	30.2	41.8	29.9
41 to 48 hours	11,678	204	11,474	10.4	7.8	10.4
49 to 59 hours	12,921	334	12,587	11.5	12.7	11.5
60 hours and over	9,403	558	8,845	8.4	21.2	8.1
Average hours, total at work	39.2	41.5	39.2	-	-	-
Average hours, workers on full-time schedules	43.8	48.8	43.7	-	-	-

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

(Numbers in thousands)

Reason for working less than 35 hours	March 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	27,588	7,832	19,756	26,731	7,521	19,210
Economic reasons	6,250	2,077	4,173	6,043	1,981	4,062
Slack work	3,246	1,810	1,436	3,095	1,717	1,378
Material shortages or repairs to plant and equipment	64	64	-	64	64	-
New job started during week	157	157	-	154	154	-
Job terminated during week	46	46	-	46	46	-
Could find only part-time work	2,738	-	2,738	2,684	-	2,684
Other reasons	21,338	5,755	15,583	20,689	5,540	15,149
Does not want, or unavailable for, full-time work	12,918	-	12,918	12,598	-	12,598
Vacation	1,275	1,275	-	1,255	1,255	-
Illness	1,893	1,702	191	1,856	1,676	180
Bad weather	1,110	1,110	-	998	998	-
Industrial dispute	-	-	-	-	-	-
Legal or religious holiday	49	49	-	49	49	-
Full time for this job	1,697	-	1,697	1,651	-	1,651
All other reasons	2,396	1,620	776	2,281	1,561	720
Average hours:						
Economic reasons	22.2	24.4	21.1	22.2	24.5	21.1
Other reasons	21.1	25.8	19.3	21.1	25.9	19.4
Worked 30 to 34 hours:						
Economic reasons	1,909	939	970	1,853	914	939
Other reasons	6,110	2,973	3,137	5,965	2,886	3,079

**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	March 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	109,871	6,043	15,149	88,680	55,774	11,474	21,432	39.2	43.7
Wage and salary workers	101,513	5,173	13,695	82,645	52,990	10,893	18,763	39.1	43.4
Mining	608	10	11	586	297	105	184	45.5	46.5
Construction	4,910	411	275	4,224	2,849	439	936	39.9	43.0
Manufacturing	18,395	475	571	17,348	10,748	2,866	3,735	42.3	43.5
Durable goods	10,598	184	261	10,153	6,151	1,720	2,282	42.9	43.8
Nondurable goods	7,797	291	311	7,195	4,597	1,145	1,453	41.4	43.0
Transportation and public utilities	7,779	238	436	7,105	4,330	918	1,857	42.4	44.4
Wholesale and retail trade	21,621	1,742	4,900	14,979	8,998	2,200	3,782	36.7	43.9
Finance, insurance, and real estate	6,880	155	653	6,072	4,057	752	1,263	40.3	42.9
Service industries	35,944	2,059	6,589	27,296	18,090	3,074	6,132	37.6	43.2
Private households	1,006	203	409	394	260	33	101	27.5	46.5
All other industries	34,938	1,856	6,180	26,902	17,830	3,041	6,031	37.9	43.1
Public administration	5,376	82	259	5,034	3,620	540	875	41.1	42.5
Self-employed workers	8,124	854	1,352	5,917	2,716	574	2,626	39.8	47.5
Unpaid family workers	235	16	102	118	68	6	43	34.1	46.0

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	March 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	109,871	6,043	15,149	88,680	55,774	32,906	39.2	43.7
16 to 19 years	4,570	353	3,064	1,152	917	236	21.8	39.0
16 to 17 years	1,625	55	1,471	99	89	10	15.2	33.6
18 to 19 years	2,945	298	1,593	1,054	828	226	25.4	39.5
20 years and over	105,302	5,690	12,085	87,527	54,857	32,670	39.9	43.8
20 to 24 years	11,240	944	2,455	7,840	5,554	2,287	35.5	42.0
25 years and over	94,062	4,745	9,629	79,687	49,304	30,383	40.5	43.9
25 to 44 years	60,347	3,136	5,298	51,913	31,643	20,270	40.9	44.0
45 to 64 years	30,922	1,477	2,970	26,475	16,727	9,748	40.7	43.9
65 years and over	2,794	133	1,362	1,299	935	364	28.5	41.7
Men, 16 years and over	58,767	2,917	4,679	51,171	28,580	22,592	42.0	45.2
16 to 19 years	2,319	192	1,487	640	499	141	22.6	39.4
16 to 17 years	829	29	740	60	54	7	15.4	(¹)
18 to 19 years	1,489	163	747	580	446	134	26.7	40.1
20 years and over	56,448	2,725	3,192	50,531	28,080	22,451	42.8	45.3
20 to 24 years	5,801	484	1,016	4,301	2,818	1,483	37.3	43.0
25 years and over	50,647	2,241	2,176	46,230	25,262	20,968	43.4	45.5
25 to 44 years	32,619	1,564	855	30,200	16,122	14,078	43.9	45.7
45 to 64 years	16,488	635	628	15,225	8,580	6,645	43.6	45.4
65 years and over	1,540	43	693	805	560	245	29.9	41.7
Women, 16 years and over	51,104	3,126	10,470	37,509	27,194	10,314	36.0	41.6
16 to 19 years	2,251	161	1,577	513	418	95	20.9	38.5
16 to 17 years	795	26	731	39	35	3	15.0	(¹)
18 to 19 years	1,455	135	846	474	382	92	24.2	38.8
20 years and over	48,853	2,965	8,892	36,996	26,777	10,219	36.7	41.7
20 to 24 years	5,439	461	1,439	3,539	2,736	804	33.5	40.7
25 years and over	43,415	2,504	7,453	33,457	24,041	9,416	37.0	41.8
25 to 44 years	27,727	1,573	4,442	21,712	15,519	6,193	37.3	41.7
45 to 64 years	14,434	841	2,342	11,251	8,147	3,104	37.3	41.9
65 years and over	1,253	90	669	494	375	119	26.8	41.7
RACE								
White, 16 years and over	94,560	4,867	13,518	76,176	46,464	29,712	39.3	43.9
Men	51,207	2,327	4,065	44,815	24,222	20,592	42.3	45.4
Women	43,354	2,540	9,453	31,361	22,242	9,119	35.8	41.8
Black, 16 years and over	11,213	945	1,096	9,173	7,038	2,134	38.0	41.8
Men	5,418	496	397	4,525	3,204	1,320	39.7	43.4
Women	5,795	449	698	4,648	3,834	814	36.5	40.4
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	37,669	1,358	1,432	34,879	18,499	16,380	43.9	45.8
Widowed, divorced, or separated	6,203	446	310	5,446	3,088	2,358	42.2	45.2
Single (never married)	14,895	1,112	2,937	10,846	6,992	3,854	36.8	43.4
Women, 16 years and over:								
Married, spouse present	28,835	1,482	6,103	21,250	15,586	5,664	36.1	41.5
Widowed, divorced, or separated	10,075	769	1,142	8,165	5,728	2,436	38.2	42.1
Single (never married)	12,195	875	3,225	8,094	5,880	2,214	33.8	41.6

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	March 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 ¹	109,774	6,017	15,152	88,606	55,635	11,496	21,475	39.2	43.7
Managerial and professional specialty	31,098	755	2,985	27,357	14,687	3,541	9,129	42.3	45.3
Executive, administrative, and managerial	14,885	262	846	13,778	6,905	1,726	5,147	44.4	46.3
Professional specialty	16,212	493	2,140	13,579	7,782	1,815	3,982	40.4	44.4
Technical, sales, and administrative support	35,052	1,554	6,136	27,362	18,374	3,385	5,603	37.9	42.9
Technicians and related support	3,853	77	479	3,297	2,271	489	538	39.4	42.5
Sales occupations	13,543	821	2,708	10,014	5,158	1,288	3,568	39.2	45.9
Administrative support, including clerical	17,656	656	2,950	14,051	10,945	1,608	1,498	36.6	40.9
Service occupations	15,636	1,732	4,212	9,692	6,962	1,054	1,676	33.7	42.4
Private household	818	167	347	304	208	21	75	26.2	44.4
Protective service	2,127	47	174	1,906	1,130	313	463	42.1	44.9
Service, except private household and protective	12,691	1,518	3,692	7,481	5,624	719	1,138	32.8	41.7
Precision production, craft, and repair	11,957	843	398	10,717	6,781	1,579	2,356	41.2	43.5
Operators, fabricators, and laborers	16,032	1,133	1,420	13,478	8,830	1,937	2,711	39.7	43.2
Machine operators, assemblers, and inspectors	7,133	393	260	6,481	4,559	949	972	40.4	42.1
Transportation and material moving occupations	4,586	282	360	3,944	2,099	539	1,306	42.8	46.3
Handlers, equipment cleaners, helpers, and laborers	4,312	459	800	3,053	2,172	449	433	35.4	41.7
Men, 16 years and over ¹	58,525	2,882	4,635	51,009	28,382	7,016	15,610	42.0	45.3
Managerial and professional specialty	16,293	345	784	15,164	6,977	1,823	6,365	45.3	47.2
Executive, administrative, and managerial	8,671	159	269	8,244	3,463	937	3,844	46.8	48.1
Professional specialty	7,622	186	515	6,920	3,514	886	2,521	43.6	46.1
Technical, sales, and administrative support	12,785	403	1,333	11,050	5,715	1,627	3,708	42.3	45.9
Technicians and related support	1,893	20	120	1,753	1,087	273	393	42.1	44.0
Sales occupations	7,127	243	772	6,112	2,524	839	2,749	44.1	48.2
Administrative support, including clerical	3,764	140	440	3,184	2,104	515	565	39.0	42.7
Service occupations	6,407	543	1,225	4,639	3,155	562	922	36.8	43.5
Private household	44	7	15	22	16	-	6	(²)	(²)
Protective service	1,771	33	97	1,642	953	266	424	43.4	45.4
Service, except private household and protective	4,591	504	1,113	2,974	2,186	296	492	34.3	42.4
Precision production, craft, and repair	11,000	799	322	9,878	6,185	1,474	2,219	41.3	43.6
Operators, fabricators, and laborers	12,040	792	971	10,277	6,350	1,530	2,397	40.7	44.1
Machine operators, assemblers, and inspectors	4,359	196	98	4,065	2,686	640	739	41.6	43.0
Transportation and material moving occupations	4,164	232	247	3,684	1,918	504	1,262	43.7	46.6
Handlers, equipment cleaners, helpers, and laborers	3,517	364	625	2,528	1,746	386	396	35.9	42.1
Women, 16 years and over ¹	51,249	3,134	10,517	37,597	27,252	4,480	5,864	36.0	41.6
Managerial and professional specialty	14,805	410	2,201	12,193	7,710	1,719	2,764	39.0	43.0
Executive, administrative, and managerial	6,214	103	577	5,534	3,442	789	1,303	41.2	43.6
Professional specialty	8,591	307	1,624	6,659	4,269	930	1,461	37.5	42.6
Technical, sales, and administrative support	22,267	1,151	4,804	16,313	12,659	1,758	1,896	35.4	40.8
Technicians and related support	1,959	56	358	1,545	1,184	217	144	36.8	40.8
Sales occupations	6,416	579	1,936	3,901	2,634	449	818	33.6	42.3
Administrative support, including clerical	13,892	516	2,509	10,867	8,841	1,092	933	35.9	40.3
Service occupations	9,228	1,188	2,988	5,053	3,807	491	754	31.6	41.5
Private household	773	160	332	282	192	21	68	25.9	44.5
Protective service	355	15	77	264	177	47	39	35.5	41.8
Service, except private household and protective	8,100	1,014	2,579	4,507	3,438	423	647	32.0	41.3
Precision production, craft, and repair	957	44	75	838	596	106	137	39.6	42.1
Operators, fabricators, and laborers	3,991	341	449	3,201	2,480	407	314	37.0	40.6
Machine operators, assemblers, and inspectors	2,774	197	162	2,415	1,873	309	233	38.4	40.6
Transportation and material moving occupations	422	50	113	260	181	34	44	34.6	42.4
Handlers, equipment cleaners, helpers, and laborers	795	94	175	526	426	63	37	33.3	39.8

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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TOTAL													
Noninstitutional population ¹	192,607	192,745	192,881	193,025	193,190	193,356	193,513	193,683	193,847	194,026	194,159	194,298	194,456
Labor force ¹	128,133	128,320	128,613	128,868	128,918	128,970	128,840	128,618	128,896	129,108	128,598	128,839	128,926
Percent of population ²	66.5	66.6	66.7	66.8	66.7	66.7	66.6	66.4	66.5	66.5	66.2	66.3	66.3
Total employed ¹	118,849	119,095	119,154	119,080	119,290	119,346	119,290	119,239	119,595	119,828	119,586	119,963	120,062
Employment-population ratio ³	61.7	61.8	61.8	61.7	61.7	61.7	61.6	61.6	61.7	61.8	61.6	61.7	61.7
Resident Armed Forces	1,585	1,577	1,574	1,570	1,568	1,566	1,566	1,552	1,531	1,517	1,515	1,512	1,497
Civilian employed	117,264	117,518	117,580	117,510	117,722	117,780	117,724	117,687	118,064	118,311	118,071	118,451	118,565
Agriculture	3,194	3,206	3,186	3,244	3,207	3,218	3,221	3,169	3,209	3,262	3,191	3,116	3,082
Nonagricultural industries	114,070	114,312	114,394	114,266	114,515	114,562	114,503	114,518	114,855	115,049	114,879	115,335	115,483
Unemployed	9,284	9,225	9,459	9,788	9,628	9,624	9,550	9,379	9,301	9,280	9,013	8,876	8,864
Unemployment rate ⁴	7.2	7.2	7.4	7.6	7.5	7.5	7.4	7.3	7.2	7.2	7.0	6.9	6.9
Not in labor force	64,474	64,425	64,268	64,157	64,272	64,386	64,673	65,065	64,951	64,918	65,561	65,459	65,530
Men													
Noninstitutional population ¹	92,655	92,733	92,806	92,882	92,971	93,061	93,146	93,238	93,324	93,420	93,488	93,563	93,646
Labor force ¹	70,324	70,460	70,741	70,827	70,723	70,840	70,860	70,728	70,708	70,754	70,473	70,690	70,835
Percent of population ²	75.9	76.0	76.2	76.3	76.1	76.1	76.1	75.9	75.8	75.7	75.4	75.6	75.6
Total employed ¹	64,964	65,194	65,244	65,161	65,238	65,309	65,383	65,318	65,416	65,554	65,544	65,693	65,674
Employment-population ratio ³	70.1	70.3	70.3	70.2	70.2	70.2	70.2	70.1	70.1	70.2	70.1	70.2	70.1
Resident Armed Forces	1,417	1,417	1,414	1,410	1,408	1,408	1,407	1,394	1,373	1,360	1,358	1,355	1,342
Civilian employed	63,547	63,777	63,830	63,751	63,830	63,901	63,976	63,924	64,043	64,194	64,186	64,338	64,332
Unemployed	5,360	5,266	5,497	5,666	5,485	5,531	5,477	5,410	5,292	5,200	4,929	4,997	5,160
Unemployment rate ⁴	7.6	7.5	7.8	8.0	7.8	7.8	7.7	7.6	7.5	7.3	7.0	7.1	7.3
Not in labor force	22,331	22,273	22,065	22,055	22,248	22,221	22,286	22,510	22,616	22,666	23,015	22,873	22,811
Women													
Noninstitutional population ¹	99,951	100,012	100,075	100,142	100,220	100,295	100,367	100,445	100,523	100,606	100,671	100,734	100,809
Labor force ¹	57,809	57,860	57,872	58,041	58,195	58,130	57,980	57,890	58,188	58,354	58,125	58,149	58,091
Percent of population ²	57.8	57.9	57.8	58.0	58.1	58.0	57.8	57.6	57.9	58.0	57.7	57.7	57.6
Total employed ¹	53,885	53,901	53,910	53,919	54,052	54,037	53,907	53,921	54,179	54,274	54,042	54,271	54,388
Employment-population ratio ³	53.9	53.9	53.9	53.8	53.9	53.9	53.7	53.7	53.9	53.9	53.7	53.9	54.0
Resident Armed Forces	168	160	160	160	160	158	159	158	158	157	157	157	155
Civilian employed	53,717	53,741	53,750	53,759	53,892	53,879	53,748	53,763	54,021	54,117	53,885	54,114	54,233
Unemployed	3,924	3,959	3,962	4,122	4,143	4,093	4,073	3,969	4,009	4,080	4,083	3,879	3,704
Unemployment rate ⁴	6.8	6.8	6.8	7.1	7.1	7.0	7.0	6.9	6.9	7.0	7.0	6.7	6.4
Not in labor force	42,142	42,152	42,203	42,101	42,025	42,165	42,387	42,555	42,335	42,252	42,546	42,585	42,718

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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
TOTAL															
Civilian noninstitutional population ¹	191,022	191,168	191,307	191,455	191,622	191,790	191,947	192,131	192,316	192,509	192,644	192,786	192,959		
Civilian labor force	126,548	126,743	127,039	127,298	127,350	127,404	127,274	127,066	127,365	127,591	127,083	127,327	127,429		
Percent of population	66.2	66.3	66.4	66.5	66.5	66.4	66.3	66.1	66.2	66.3	66.0	66.0	66.0		
Employed	117,264	117,518	117,580	117,510	117,722	117,780	117,724	117,687	118,064	118,311	118,071	118,451	118,565		
Employment-population ratio ²	61.4	61.5	61.5	61.4	61.4	61.4	61.3	61.3	61.4	61.5	61.3	61.4	61.4		
Unemployed	9,284	9,225	9,459	9,788	9,628	9,624	9,550	9,379	9,301	9,280	9,013	8,876	8,864		
Unemployment rate	7.3	7.3	7.4	7.7	7.6	7.6	7.5	7.4	7.3	7.3	7.1	7.0	7.0		
Men, 16 years and over															
Civilian noninstitutional population ¹	91,238	91,316	91,392	91,472	91,563	91,653	91,739	91,844	91,951	92,060	92,130	92,208	92,304		
Civilian labor force	68,907	69,043	69,327	69,417	69,315	69,432	69,453	69,334	69,335	69,394	69,115	69,335	69,493		
Percent of population	75.5	75.6	75.9	75.9	75.7	75.8	75.7	75.5	75.4	75.4	75.0	75.2	75.3		
Employed	63,547	63,777	63,830	63,751	63,830	63,901	63,976	63,924	64,043	64,194	64,186	64,338	64,332		
Employment-population ratio ²	69.6	69.8	69.8	69.7	69.7	69.7	69.7	69.6	69.6	69.7	69.7	69.8	69.7		
Agriculture	2,509	2,514	2,530	2,539	2,545	2,547	2,573	2,550	2,541	2,593	2,534	2,521	2,434		
Nonagricultural industries	61,038	61,263	61,300	61,212	61,285	61,354	61,403	61,374	61,502	61,601	61,651	61,817	61,899		
Unemployed	5,360	5,266	5,497	5,666	5,485	5,531	5,477	5,410	5,292	5,200	4,929	4,997	5,160		
Unemployment rate	7.8	7.6	7.9	8.2	7.9	8.0	7.9	7.8	7.6	7.5	7.1	7.2	7.4		
Not in labor force	22,331	22,273	22,065	22,055	22,248	22,221	22,286	22,510	22,616	22,666	23,015	22,873	22,811		
Men, 20 years and over															
Civilian noninstitutional population ¹	84,590	84,671	84,755	84,842	84,944	85,010	85,075	85,159	85,259	85,369	85,445	85,554	85,664		
Civilian labor force	65,436	65,572	65,844	65,813	65,782	65,857	65,805	65,811	65,740	65,785	65,624	65,734	65,901		
Percent of population	77.4	77.4	77.7	77.6	77.4	77.5	77.3	77.3	77.1	77.1	76.8	76.8	76.9		
Employed	60,843	61,033	61,087	61,027	61,070	61,104	61,125	61,088	61,206	61,326	61,423	61,479	61,466		
Employment-population ratio ²	71.9	72.1	72.1	71.9	71.9	71.9	71.8	71.7	71.8	71.8	71.9	71.9	71.8		
Agriculture	2,353	2,351	2,366	2,366	2,359	2,363	2,382	2,378	2,326	2,371	2,340	2,299	2,248		
Nonagricultural industries	58,490	58,682	58,721	58,661	58,711	58,741	58,743	58,710	58,880	58,955	59,083	59,180	59,218		
Unemployed	4,593	4,539	4,757	4,786	4,712	4,753	4,680	4,723	4,534	4,459	4,201	4,255	4,435		
Unemployment rate	7.0	6.9	7.2	7.3	7.2	7.2	7.1	7.2	6.9	6.8	6.4	6.5	6.7		
Not in labor force	19,154	19,099	18,911	19,029	19,162	19,153	19,270	19,348	19,519	19,584	19,821	19,820	19,763		
Women, 16 years and over															
Civilian noninstitutional population ¹	99,783	99,852	99,915	99,982	100,060	100,137	100,208	100,287	100,365	100,449	100,514	100,577	100,654		
Civilian labor force	57,641	57,700	57,712	57,881	58,035	57,972	57,821	57,732	58,030	58,197	57,968	57,992	57,936		
Percent of population	57.8	57.8	57.8	57.9	58.0	57.9	57.7	57.6	57.8	57.9	57.7	57.7	57.6		
Employed	53,717	53,741	53,750	53,759	53,892	53,879	53,748	53,763	54,021	54,117	53,885	54,114	54,233		
Employment-population ratio ²	53.8	53.8	53.8	53.8	53.9	53.8	53.6	53.6	53.8	53.9	53.6	53.8	53.9		
Agriculture	685	692	656	705	662	671	648	619	668	669	657	596	649		
Nonagricultural industries	53,032	53,049	53,094	53,054	53,230	53,208	53,100	53,144	53,353	53,448	53,228	53,518	53,584		
Unemployed	3,924	3,959	3,962	4,122	4,143	4,093	4,073	3,969	4,009	4,080	4,083	3,879	3,704		
Unemployment rate	6.8	6.9	6.9	7.1	7.1	7.1	7.0	6.9	6.9	7.0	7.0	6.7	6.4		
Not in labor force	42,142	42,152	42,203	42,101	42,025	42,165	42,387	42,555	42,335	42,252	42,546	42,585	42,718		
Women, 20 years and over															
Civilian noninstitutional population ¹	93,256	93,320	93,416	93,479	93,562	93,635	93,703	93,771	93,849	93,960	94,007	94,088	94,148		
Civilian labor force	54,458	54,534	54,468	54,682	54,834	54,773	54,611	54,578	54,832	55,010	54,733	54,742	54,779		
Percent of population	58.4	58.4	58.3	58.5	58.6	58.5	58.3	58.2	58.4	58.5	58.2	58.2	58.2		
Employed	51,114	51,136	51,104	51,233	51,307	51,247	51,141	51,182	51,435	51,494	51,246	51,466	51,668		
Employment-population ratio ²	54.8	54.8	54.7	54.8	54.8	54.7	54.6	54.6	54.8	54.8	54.5	54.7	54.9		
Agriculture	650	648	619	665	617	619	594	584	616	613	608	551	618		
Nonagricultural industries	50,464	50,488	50,485	50,568	50,690	50,628	50,547	50,598	50,819	50,881	50,638	50,915	51,050		
Unemployed	3,344	3,398	3,364	3,449	3,527	3,526	3,470	3,396	3,397	3,516	3,486	3,276	3,111		
Unemployment rate	6.1	6.2	6.2	6.3	6.4	6.4	6.4	6.2	6.2	6.4	6.4	6.0	5.7		
Not in labor force	38,798	38,786	38,948	38,797	38,728	38,862	39,092	39,193	39,017	38,950	39,274	39,346	39,369		
Both sexes, 16 to 19 years															
Civilian noninstitutional population ¹	13,176	13,177	13,136	13,134	13,116	13,145	13,169	13,200	13,208	13,181	13,191	13,143	13,147		
Civilian labor force	6,654	6,637	6,727	6,803	6,734	6,774	6,858	6,677	6,793	6,796	6,726	6,851	6,749		
Percent of population	50.5	50.4	51.2	51.8	51.3	51.5	52.1	50.6	51.4	51.6	51.0	52.1	51.3		
Employed	5,307	5,349	5,389	5,250	5,345	5,429	5,458	5,417	5,423	5,491	5,401	5,506	5,431		
Employment-population ratio ²	40.3	40.6	41.0	40.0	40.8	41.3	41.4	41.0	41.1	41.7	40.9	41.9	41.3		
Agriculture	191	207	201	213	231	236	245	207	267	278	243	266	216		
Nonagricultural industries	5,116	5,142	5,188	5,037	5,114	5,193	5,213	5,210	5,156	5,213	5,158	5,240	5,215		
Unemployed	1,347	1,288	1,338	1,553	1,389	1,345	1,400	1,260	1,370	1,305	1,325	1,345	1,318		
Unemployment rate	20.2	19.4	19.9	22.8	20.6	19.9	20.4	18.9	20.2	19.2	19.7	19.6	19.5		
Not in labor force	6,522	6,540	6,409	6,331	6,382	6,371	6,311	6,523	6,415	6,385	6,465	6,292	6,398		

¹ The population figures are not adjusted for seasonal variation.

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

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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
WHITE															
Civilian noninstitutional population ¹	162,305	162,398	162,483	162,575	162,682	162,791	162,891	163,013	163,132	163,259	163,343	163,429	163,543		
Civilian labor force	108,405	108,412	108,551	108,671	108,783	108,707	108,606	108,483	108,723	108,946	108,729	108,754	108,998		
Percent of population	66.8	66.8	66.8	66.8	66.9	66.8	66.7	66.5	66.6	66.7	66.6	66.5	66.6		
Employed	101,340	101,479	101,530	101,307	101,558	101,524	101,412	101,458	101,816	102,043	101,987	102,109	102,339		
Employment-population ratio ²	62.4	62.5	62.5	62.3	62.4	62.4	62.3	62.2	62.4	62.5	62.4	62.5	62.6		
Unemployed	7,065	6,933	7,021	7,364	7,225	7,183	7,194	7,025	6,907	6,903	6,742	6,645	6,659		
Unemployment rate	6.5	6.4	6.5	6.8	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.1		
Men, 20 years and over															
Civilian labor force	56,678	56,779	56,944	56,921	56,927	56,926	56,902	56,910	56,858	56,937	56,895	56,942	57,070		
Percent of population	77.8	77.9	78.1	78.0	77.9	77.9	77.8	77.7	77.6	77.6	77.5	77.5	77.6		
Employed	53,127	53,244	53,290	53,221	53,310	53,300	53,279	53,305	53,369	53,543	53,615	53,649	53,656		
Employment-population ratio ²	73.0	73.1	73.1	72.9	73.0	72.9	72.8	72.8	73.0	73.0	73.0	73.0	73.0		
Unemployed	3,551	3,535	3,654	3,700	3,617	3,626	3,623	3,605	3,489	3,394	3,280	3,293	3,414		
Unemployment rate	6.3	6.2	6.4	6.5	6.4	6.4	6.4	6.3	6.1	6.0	5.8	5.8	6.0		
Women, 20 years and over															
Civilian labor force	45,984	45,948	45,864	46,028	46,162	46,055	45,888	45,905	46,095	46,240	46,096	46,002	46,142		
Percent of population	58.2	58.2	58.0	58.2	58.3	58.2	57.9	57.9	58.1	58.3	58.1	57.9	58.1		
Employed	43,510	43,486	43,458	43,504	43,557	43,468	43,326	43,365	43,661	43,667	43,583	43,626	43,839		
Employment-population ratio ²	55.1	55.0	55.0	55.0	55.0	54.9	54.7	54.7	55.0	55.0	54.9	54.9	55.2		
Unemployed	2,474	2,462	2,406	2,524	2,605	2,587	2,562	2,540	2,434	2,573	2,513	2,377	2,303		
Unemployment rate	5.4	5.4	5.2	5.5	5.6	5.6	5.6	5.5	5.3	5.6	5.5	5.2	5.0		
Both sexes, 16 to 19 years															
Civilian labor force	5,743	5,685	5,743	5,722	5,694	5,726	5,816	5,668	5,770	5,769	5,738	5,810	5,786		
Percent of population	54.5	54.1	54.7	54.6	54.4	54.6	55.4	54.0	54.9	54.9	54.5	55.2	54.9		
Employed	4,703	4,749	4,782	4,582	4,691	4,756	4,807	4,788	4,786	4,833	4,789	4,834	4,844		
Employment-population ratio ²	44.7	45.2	45.6	43.7	44.9	45.4	45.8	45.6	45.5	46.0	45.5	45.9	46.0		
Unemployed	1,040	936	961	1,140	1,003	970	1,009	880	984	936	949	976	942		
Unemployment rate	18.1	16.5	16.7	19.9	17.6	16.9	17.3	15.5	17.1	16.2	16.5	16.8	16.3		
Men	20.0	17.8	18.4	21.2	18.8	18.5	18.7	15.9	17.7	17.2	18.1	17.9	16.5		
Women	16.0	15.0	14.9	18.4	16.3	15.2	15.8	15.1	16.4	15.1	14.9	15.6	16.0		
BLACK															
Civilian noninstitutional population ¹	21,854	21,882	21,909	21,937	21,966	21,997	22,027	22,061	22,096	22,131	22,157	22,184	22,217		
Civilian labor force	13,729	13,756	13,869	14,001	13,995	14,106	13,981	13,948	13,894	13,935	13,822	14,018	13,834		
Percent of population	62.8	62.9	63.3	63.8	63.7	64.1	63.5	63.2	62.9	63.0	62.4	63.2	62.3		
Employed	11,814	11,857	11,858	11,971	11,979	12,098	12,033	11,984	11,948	11,960	11,853	12,186	11,962		
Employment-population ratio ²	54.1	54.2	54.1	54.6	54.5	55.0	54.6	54.3	54.1	54.0	53.5	54.9	53.8		
Unemployed	1,915	1,899	2,011	2,030	2,016	2,008	1,948	1,964	1,946	1,975	1,969	1,832	1,871		
Unemployment rate	13.9	13.8	14.5	14.5	14.4	14.2	13.9	14.1	14.0	14.2	14.2	13.1	13.5		
Men, 20 years and over															
Civilian labor force	6,450	6,424	6,487	6,512	6,481	6,534	6,495	6,499	6,481	6,450	6,486	6,534	6,491		
Percent of population	73.2	72.8	73.4	73.6	73.1	73.6	73.1	73.0	72.6	72.1	72.4	72.9	72.3		
Employed	5,557	5,601	5,595	5,626	5,602	5,634	5,620	5,611	5,640	5,589	5,645	5,754	5,640		
Employment-population ratio ²	63.1	63.5	63.3	63.6	63.2	63.5	63.2	63.0	63.2	62.5	63.1	64.2	62.8		
Unemployed	893	823	892	886	879	900	875	888	841	861	841	781	851		
Unemployment rate	13.8	12.8	13.8	13.6	13.6	13.8	13.5	13.7	13.0	13.3	13.0	11.9	13.1		
Women, 20 years and over															
Civilian labor force	6,540	6,581	6,599	6,694	6,716	6,757	6,675	6,682	6,639	6,687	6,536	6,683	6,584		
Percent of population	59.6	59.9	60.0	60.8	60.9	61.2	60.3	60.3	59.9	60.2	58.8	60.0	59.1		
Employed	5,794	5,802	5,813	5,876	5,902	5,954	5,944	5,930	5,854	5,889	5,717	5,936	5,897		
Employment-population ratio ²	52.8	52.8	52.8	53.3	53.5	53.9	53.7	53.5	52.8	53.0	51.4	53.3	52.9		
Unemployed	746	779	786	818	814	803	731	752	785	798	819	747	687		
Unemployment rate	11.4	11.8	11.9	12.2	12.1	11.9	11.0	11.3	11.8	11.9	12.5	11.2	10.4		

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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	739	751	783	795	798	815	811	767	774	798	800	800	758
Percent of population	35.6	36.2	37.8	38.4	38.6	39.3	39.1	36.9	37.2	38.3	38.4	38.4	36.3
Employed	463	454	450	469	475	510	469	443	454	482	490	496	425
Employment-population ratio ²	22.3	21.9	21.7	22.7	23.0	24.6	22.6	21.3	21.8	23.2	23.5	23.8	20.4
Unemployed	276	297	333	326	323	305	342	324	320	316	310	304	333
Unemployment rate	37.3	39.5	42.5	41.0	40.5	37.4	42.2	42.2	41.3	39.6	38.7	38.0	43.9
Men	38.3	43.2	43.0	45.1	42.3	42.7	44.3	44.2	44.8	42.2	39.0	37.4	45.4
Women	36.1	35.7	42.1	36.4	38.4	31.8	39.8	39.8	37.5	36.5	38.5	38.6	42.0
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	15,106	15,145	15,184	15,224	15,263	15,303	15,342	15,382	15,421	15,461	15,500	15,540	15,585
Civilian labor force	10,116	10,032	10,092	10,126	10,150	10,116	10,213	10,210	10,211	10,351	10,225	10,280	10,343
Percent of population	67.0	66.2	66.5	66.5	66.5	66.1	66.6	66.4	66.2	66.9	66.0	66.1	66.4
Employed	8,973	8,987	8,951	8,927	8,955	8,969	9,028	9,011	8,990	9,145	9,043	9,108	9,166
Employment-population ratio ²	59.4	59.3	59.0	58.6	58.7	58.6	58.8	58.6	58.3	59.1	58.3	58.6	58.8
Unemployed	1,143	1,045	1,141	1,199	1,195	1,147	1,185	1,199	1,221	1,206	1,182	1,171	1,177
Unemployment rate	11.3	10.4	11.3	11.8	11.8	11.3	11.6	11.7	12.0	11.7	11.6	11.4	11.4

¹ The population figures are not adjusted for seasonal variation.

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

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(In thousands)

Category	1992										1993		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CHARACTERISTIC													
Total	117,264	117,518	117,580	117,510	117,722	117,780	117,724	117,687	118,064	118,311	118,071	118,451	118,565
Married men, spouse present	40,163	40,317	40,408	40,345	40,252	40,318	40,292	40,324	40,487	40,639	40,607	40,903	40,902
Married women, spouse present	30,096	30,052	30,160	30,303	30,269	30,212	30,108	30,030	30,244	30,403	30,298	30,515	30,669
Women who maintain families	6,552	6,549	6,565	6,579	6,565	6,641	6,639	6,626	6,585	6,548	6,555	6,615	6,792
OCCUPATION													
Managerial and professional specialty	30,927	31,071	30,997	31,011	30,995	31,198	31,174	31,289	31,529	31,485	31,874	31,907	32,272
Technical, sales, and administrative support	36,817	36,837	37,090	36,890	36,988	36,867	36,700	36,538	36,804	36,799	36,363	36,767	36,332
Service occupations	16,164	16,044	16,123	16,062	16,017	16,007	16,274	16,076	15,999	16,226	16,414	16,461	16,436
Precision production, craft, and repair	12,761	13,063	13,110	13,074	13,275	13,255	13,318	13,328	13,203	13,271	12,937	12,841	12,867
Operators, fabricators, and laborers	17,060	16,885	16,942	17,053	16,993	16,962	16,829	16,907	17,030	16,959	17,132	17,341	17,175
Farming, forestry, and fishing	3,410	3,405	3,369	3,409	3,452	3,489	3,509	3,547	3,507	3,525	3,403	3,319	3,385
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,730	1,747	1,682	1,701	1,712	1,698	1,694	1,656	1,685	1,735	1,661	1,614	1,568
Self-employed workers	1,371	1,366	1,400	1,396	1,392	1,417	1,397	1,405	1,370	1,397	1,404	1,363	1,377
Unpaid family workers	96	100	101	128	111	103	108	118	163	106	145	136	130
Nonagricultural industries:													
Wage and salary workers	105,154	105,494	105,634	105,365	105,619	105,697	105,643	105,863	105,913	105,978	105,883	106,163	106,447
Government	17,817	17,699	17,934	18,184	18,275	18,378	18,505	18,371	18,216	18,065	18,481	18,507	18,536
Private industries	87,337	87,795	87,700	87,181	87,344	87,319	87,138	87,492	87,697	87,913	87,402	87,655	87,911
Private households	1,071	1,102	1,085	1,139	1,232	1,116	1,158	1,102	1,109	1,091	1,061	1,071	1,143
Other industries	86,266	86,693	86,615	86,042	86,112	86,203	85,980	86,390	86,588	86,822	86,341	86,584	86,769
Self-employed workers	8,663	8,491	8,586	8,595	8,663	8,642	8,662	8,558	8,700	8,668	8,793	9,065	8,832
Unpaid family workers	240	247	245	253	250	242	217	189	220	221	250	226	206
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	6,436	6,343	6,486	6,100	6,342	6,352	6,362	6,434	6,493	6,349	6,113	6,461	6,194
Slack work	3,216	3,115	3,314	3,289	3,283	3,254	3,171	3,160	3,161	3,206	2,994	3,150	3,039
Could only find part-time work	2,912	2,865	2,863	2,592	2,740	2,849	2,879	2,988	3,060	2,865	2,887	2,991	2,855
Voluntary part time	14,501	14,853	14,589	15,223	14,945	15,082	14,805	14,726	14,834	14,895	14,788	14,698	14,799
Nonagricultural industries:													
Part time for economic reasons	6,142	6,030	6,181	5,921	6,069	6,099	6,096	6,151	6,230	6,063	5,887	6,242	5,965
Slack work	3,005	2,852	3,107	3,138	3,123	3,121	3,001	2,993	2,984	3,024	2,800	2,990	2,887
Could only find part-time work	2,853	2,782	2,783	2,519	2,659	2,756	2,826	2,905	2,998	2,793	2,849	2,931	2,781
Voluntary part time	14,008	14,432	14,135	14,819	14,491	14,721	14,358	14,324	14,413	14,476	14,364	14,282	14,319

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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over	117,264	117,518	117,580	117,510	117,722	117,780	117,724	117,687	118,064	118,311	118,071	118,451	118,565
16 to 24 years	17,513	17,537	17,535	17,390	17,552	17,609	17,603	17,488	17,606	17,690	17,547	17,659	17,622
16 to 19 years	5,307	5,349	5,389	5,250	5,345	5,429	5,458	5,417	5,423	5,491	5,401	5,506	5,431
16 to 17 years	1,990	2,040	2,032	1,999	2,035	2,112	2,083	2,024	2,028	2,093	2,074	2,146	2,059
18 to 19 years	3,329	3,310	3,344	3,216	3,296	3,319	3,384	3,401	3,384	3,379	3,335	3,381	3,375
20 to 24 years	12,206	12,188	12,146	12,140	12,207	12,180	12,145	12,071	12,183	12,199	12,146	12,152	12,191
25 years and over	99,775	99,920	100,059	100,096	100,202	100,197	100,128	100,206	100,419	100,603	100,481	100,904	100,941
25 to 54 years	84,941	85,160	85,291	85,440	85,526	85,557	85,539	85,588	85,726	85,942	85,956	86,041	86,338
55 years and over	14,818	14,776	14,678	14,700	14,685	14,651	14,607	14,598	14,729	14,643	14,599	14,872	14,642
Men, 16 years and over	63,547	63,777	63,830	63,751	63,830	63,901	63,976	63,924	64,043	64,194	64,186	64,338	64,332
16 to 24 years	8,986	9,070	9,054	9,059	9,116	9,210	9,278	9,236	9,241	9,275	9,165	9,295	9,262
16 to 19 years	2,704	2,744	2,743	2,724	2,760	2,797	2,851	2,836	2,837	2,868	2,763	2,859	2,867
16 to 17 years	1,008	1,053	1,020	1,013	1,034	1,066	1,111	1,068	1,064	1,099	1,048	1,105	1,116
18 to 19 years	1,711	1,700	1,713	1,678	1,717	1,710	1,755	1,773	1,769	1,757	1,728	1,755	1,758
20 to 24 years	6,282	6,326	6,311	6,335	6,356	6,413	6,427	6,400	6,404	6,407	6,402	6,436	6,396
25 years and over	54,545	54,674	54,781	54,677	54,732	54,693	54,694	54,690	54,808	54,918	55,002	55,114	55,031
25 to 54 years	46,136	46,252	46,335	46,365	46,478	46,430	46,455	46,478	46,495	46,624	46,775	46,733	46,803
55 years and over	8,408	8,413	8,415	8,302	8,273	8,269	8,243	8,214	8,328	8,270	8,305	8,404	8,269
Women, 16 years and over	53,717	53,741	53,750	53,759	53,892	53,879	53,748	53,763	54,021	54,117	53,885	54,114	54,233
16 to 24 years	8,527	8,467	8,481	8,331	8,436	8,399	8,325	8,252	8,365	8,415	8,382	8,364	8,360
16 to 19 years	2,603	2,605	2,646	2,526	2,585	2,632	2,607	2,581	2,586	2,623	2,638	2,647	2,564
16 to 17 years	982	987	1,012	986	1,001	1,046	972	956	964	994	1,026	1,041	943
18 to 19 years	1,618	1,610	1,631	1,538	1,579	1,609	1,629	1,628	1,615	1,622	1,607	1,626	1,617
20 to 24 years	5,924	5,862	5,835	5,805	5,851	5,767	5,718	5,671	5,779	5,792	5,744	5,717	5,796
25 years and over	45,230	45,246	45,278	45,419	45,470	45,504	45,434	45,516	45,611	45,685	45,479	45,790	45,910
25 to 54 years	38,805	38,908	38,956	39,075	39,048	39,127	39,084	39,110	39,231	39,318	39,181	39,308	39,535
55 years and over	6,410	6,363	6,263	6,398	6,412	6,382	6,364	6,384	6,401	6,373	6,294	6,469	6,372

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

(In thousands)

Sex and age	1992										1993		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over	9,284	9,225	9,459	9,788	9,628	9,624	9,550	9,379	9,301	9,280	9,013	8,876	8,864
16 to 24 years	2,856	2,797	2,925	3,086	2,985	2,928	2,961	2,753	2,884	2,854	2,846	2,872	2,767
16 to 19 years	1,347	1,288	1,338	1,553	1,389	1,345	1,400	1,260	1,370	1,305	1,325	1,345	1,318
16 to 17 years	600	593	627	717	628	579	650	575	634	585	654	580	662
18 to 19 years	757	697	731	833	760	751	757	689	737	733	644	757	663
20 to 24 years	1,509	1,509	1,587	1,533	1,596	1,583	1,561	1,493	1,514	1,549	1,521	1,527	1,449
25 years and over	6,385	6,416	6,506	6,753	6,631	6,679	6,607	6,622	6,428	6,432	6,203	5,998	6,058
25 to 54 years	5,688	5,667	5,744	5,894	5,840	5,889	5,849	5,863	5,719	5,756	5,518	5,343	5,407
55 years and over	682	721	745	812	820	803	769	760	723	699	684	663	637
Men, 16 years and over	5,360	5,266	5,497	5,666	5,485	5,531	5,477	5,410	5,292	5,200	4,929	4,997	5,160
16 to 24 years	1,664	1,608	1,667	1,743	1,670	1,655	1,647	1,549	1,645	1,601	1,581	1,574	1,553
16 to 19 years	767	727	740	880	773	778	797	687	758	741	728	742	725
16 to 17 years	344	330	350	404	342	331	360	311	356	320	369	330	355
18 to 19 years	433	396	406	476	429	437	436	383	402	419	347	410	377
20 to 24 years	897	881	927	863	897	877	850	862	887	860	853	832	828
25 years and over	3,665	3,669	3,794	3,936	3,807	3,862	3,829	3,855	3,656	3,604	3,399	3,429	3,572
25 to 54 years	3,201	3,196	3,337	3,378	3,328	3,388	3,374	3,390	3,246	3,173	3,011	3,039	3,133
55 years and over	439	453	463	509	489	479	466	474	437	440	399	394	414
Women, 16 years and over	3,924	3,959	3,962	4,122	4,143	4,093	4,073	3,969	4,009	4,080	4,083	3,879	3,704
16 to 24 years	1,192	1,189	1,258	1,343	1,315	1,273	1,314	1,204	1,239	1,253	1,266	1,299	1,214
16 to 19 years	580	561	598	673	616	567	603	573	612	564	597	603	593
16 to 17 years	256	263	277	313	286	248	290	264	278	265	285	250	307
18 to 19 years	324	301	325	357	331	314	321	306	335	314	297	347	286
20 to 24 years	612	628	660	670	699	706	711	631	627	689	669	696	621
25 years and over	2,720	2,747	2,712	2,817	2,824	2,817	2,778	2,767	2,772	2,828	2,804	2,569	2,485
25 to 54 years	2,487	2,471	2,407	2,516	2,512	2,501	2,475	2,473	2,473	2,583	2,507	2,304	2,274
55 years and over	243	268	282	303	331	324	303	286	286	259	285	269	222

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

(Civilian workers)

Sex and age	1992										1993		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over	7.3	7.3	7.4	7.7	7.6	7.6	7.5	7.4	7.3	7.3	7.1	7.0	7.0
16 to 24 years	14.0	13.8	14.3	15.1	14.5	14.3	14.4	13.6	14.1	13.9	14.0	14.0	13.6
16 to 19 years	20.2	19.4	19.9	22.8	20.6	19.9	20.4	18.9	20.2	19.2	19.7	19.6	19.5
16 to 17 years	23.2	22.5	23.6	26.4	23.6	21.5	23.8	22.1	23.8	21.8	24.0	21.3	24.3
18 to 19 years	18.5	17.4	17.9	20.6	18.7	18.5	18.3	16.8	17.9	17.8	16.2	18.3	16.4
20 to 24 years	11.0	11.0	11.6	11.2	11.6	11.5	11.4	11.0	11.1	11.3	11.1	11.2	10.6
25 years and over	6.0	6.0	6.1	6.3	6.2	6.2	6.2	6.2	6.0	6.0	5.8	5.6	5.7
25 to 54 years	6.3	6.2	6.3	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.0	5.8	5.9
55 years and over	4.4	4.7	4.8	5.2	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2
Men, 16 years and over	7.8	7.6	7.9	8.2	7.9	8.0	7.9	7.8	7.6	7.5	7.1	7.2	7.4
16 to 24 years	15.6	15.1	15.5	16.1	15.5	15.2	15.1	14.4	15.1	14.7	14.7	14.5	14.4
16 to 19 years	22.1	20.9	21.2	24.4	21.9	21.8	21.8	19.5	21.1	20.5	20.9	20.6	20.2
16 to 17 years	25.4	23.9	25.5	28.5	24.9	23.7	24.5	22.6	25.1	22.6	26.0	23.0	24.1
18 to 19 years	20.2	18.9	19.2	22.1	20.0	20.4	19.9	17.8	18.5	19.3	16.7	18.9	17.7
20 to 24 years	12.5	12.2	12.8	12.0	12.4	12.0	11.7	11.9	12.2	11.8	11.8	11.4	11.5
25 years and over	6.3	6.3	6.5	6.7	6.5	6.6	6.5	6.6	6.3	6.2	5.8	5.9	6.1
25 to 54 years	6.5	6.5	6.7	6.8	6.7	6.8	6.8	6.8	6.5	6.4	6.0	6.1	6.3
55 years and over	5.0	5.1	5.2	5.8	5.6	5.5	5.4	5.5	5.0	5.1	4.6	4.5	4.8
Women, 16 years and over	6.8	6.9	6.9	7.1	7.1	7.1	7.0	6.9	6.9	7.0	7.0	6.7	6.4
16 to 24 years	12.3	12.3	12.9	13.9	13.5	13.2	13.6	12.7	12.9	13.0	13.1	13.4	12.7
16 to 19 years	18.2	17.7	18.4	21.0	19.2	17.7	18.8	18.2	19.1	17.7	18.5	18.6	18.8
16 to 17 years	20.7	21.0	21.5	24.1	22.2	19.2	23.0	21.6	22.4	21.0	21.7	19.4	24.6
18 to 19 years	16.7	15.8	16.6	18.8	17.3	16.3	16.5	15.8	17.2	16.2	15.6	17.6	15.0
20 to 24 years	9.4	9.7	10.2	10.3	10.7	10.9	11.1	10.0	9.8	10.6	10.4	10.8	9.7
25 years and over	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.7	5.7	5.8	5.8	5.3	5.1
25 to 54 years	6.0	6.0	5.8	6.0	6.0	6.0	6.0	5.9	5.9	6.2	6.0	5.5	5.4
55 years and over	3.7	4.0	4.3	4.5	4.9	4.8	4.5	4.3	4.3	3.9	4.3	4.0	3.4

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1992										1993		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CHARACTERISTIC													
Total (all civilian workers)	7.3	7.3	7.4	7.7	7.6	7.6	7.5	7.4	7.3	7.3	7.1	7.0	7.0
Men, 20 years and over	7.0	6.9	7.2	7.3	7.2	7.2	7.1	7.2	6.9	6.8	6.4	6.5	6.7
Women, 20 years and over	6.1	6.2	6.2	6.3	6.4	6.4	6.4	6.2	6.2	6.4	6.4	6.0	5.7
Both sexes, 16 to 19 years	20.2	19.4	19.9	22.8	20.6	19.9	20.4	18.9	20.2	19.2	19.7	19.6	19.5
White	6.5	6.4	6.5	6.8	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.1
Black and other	12.3	12.4	12.9	13.1	13.0	12.9	12.6	12.5	12.6	12.8	12.9	12.0	12.0
Black	13.9	13.8	14.5	14.5	14.4	14.2	13.9	14.1	14.0	14.2	14.2	13.1	13.5
Hispanic origin	11.3	10.4	11.3	11.8	11.8	11.3	11.6	11.7	12.0	11.7	11.6	11.4	11.4
Married men, spouse present	4.9	4.8	5.0	5.1	5.2	5.3	5.2	5.1	4.9	4.8	4.5	4.5	4.7
Married women, spouse present	4.9	5.0	5.0	5.2	5.2	5.0	5.0	5.1	5.0	5.0	4.9	4.4	4.3
Women who maintain families	9.9	10.0	9.9	10.1	10.3	10.3	9.1	9.3	10.4	10.3	10.6	10.2	9.0
Full-time workers	7.0	7.0	7.1	7.4	7.3	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.6
Part-time workers	9.0	8.9	9.3	9.3	9.2	9.1	9.5	9.2	9.2	9.7	9.3	9.1	8.9
Unemployed 15 weeks and over ¹	2.5	2.4	2.6	2.7	2.8	2.8	2.8	2.8	2.7	2.8	2.6	2.5	2.4
Labor force time lost ²	8.3	8.2	8.3	8.4	8.4	8.4	8.3	8.3	8.3	8.1	7.9	7.9	7.9
OCCUPATION³													
Managerial and professional specialty	3.1	3.1	3.2	3.1	3.1	3.2	3.2	3.2	3.1	3.2	3.3	3.5	3.1
Technical, sales, and administrative support	5.7	5.6	5.7	6.0	6.0	6.0	5.9	6.0	5.7	5.8	5.5	5.2	5.1
Precision production, craft, and repair	9.6	8.7	8.7	9.0	8.6	8.6	8.6	8.6	8.6	8.8	7.9	7.8	8.4
Operators, fabricators, and laborers	11.0	11.0	11.2	11.3	11.4	11.1	11.1	11.0	10.6	10.0	9.8	9.9	10.3
Farming, forestry, and fishing	7.1	7.2	8.0	8.2	8.5	7.9	8.9	7.9	8.8	8.7	8.5	9.0	8.3
INDUSTRY													
Nonagricultural private wage and salary workers	7.7	7.6	7.7	7.9	7.8	7.9	7.8	7.8	7.5	7.5	7.3	7.2	7.2
Goods-producing industries	9.5	9.6	9.7	10.1	10.1	10.0	10.1	9.9	9.3	9.0	8.8	8.6	9.0
Mining	7.7	7.3	8.5	9.0	9.9	10.6	7.2	8.3	5.3	5.5	7.8	7.1	5.5
Construction	17.3	16.6	16.9	17.4	17.0	17.0	17.4	16.1	14.5	15.7	14.3	13.7	15.3
Manufacturing	7.4	7.6	7.7	8.1	8.2	8.0	8.1	8.2	8.0	7.2	7.3	7.2	7.3
Durable goods	7.5	7.6	7.8	8.1	8.4	8.3	8.4	8.9	8.5	7.5	7.3	6.9	7.0
Nondurable goods	7.2	7.6	7.6	8.1	8.0	7.4	7.7	7.3	7.3	6.9	7.2	7.5	7.6
Service-producing industries	6.9	6.7	6.9	7.0	6.9	7.1	6.9	7.0	6.7	6.9	6.7	6.6	6.4
Transportation and public utilities	5.7	4.7	5.1	5.5	5.7	5.4	5.7	5.8	6.1	5.6	4.9	4.6	4.9
Wholesale and retail trade	8.5	8.3	8.4	8.6	8.5	9.0	8.5	8.1	7.9	8.0	7.9	7.8	7.9
Finance and service industries	6.1	6.0	6.2	6.1	6.0	6.1	6.0	6.4	6.1	6.5	6.3	6.1	5.7
Government workers	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.0	3.8	3.6	3.6	3.6	3.6
Agricultural wage and salary workers	10.5	10.9	13.3	12.8	13.8	11.4	14.3	12.5	13.5	12.2	11.6	13.1	12.1

¹ Unemployment as a percent of the civilian labor force.

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

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

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

(Numbers in thousands)

Weeks of unemployment	1992										1993		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
DURATION													
Less than 5 weeks	3,291	3,269	3,362	3,512	3,373	3,289	3,281	3,192	3,120	3,042	3,272	3,232	3,102
5 to 14 weeks	2,698	2,706	2,663	2,783	2,776	2,846	2,847	2,666	2,835	2,688	2,481	2,487	2,566
15 weeks and over	3,185	3,072	3,349	3,432	3,547	3,547	3,522	3,564	3,446	3,605	3,317	3,143	3,073
15 to 26 weeks	1,417	1,303	1,405	1,363	1,459	1,502	1,427	1,475	1,438	1,540	1,407	1,236	1,259
27 weeks and over	1,768	1,769	1,944	2,069	2,088	2,045	2,095	2,089	2,008	2,065	1,910	1,907	1,814
Average (mean) duration, in weeks	17.0	17.2	17.9	18.2	18.3	18.3	18.5	19.2	18.4	19.2	18.7	18.3	17.5
Median duration, in weeks	8.1	8.6	8.8	8.7	8.6	8.9	9.3	9.3	9.4	9.4	8.5	8.2	8.3
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	35.9	36.1	35.9	36.1	34.8	34.0	34.0	33.9	33.2	32.6	36.1	36.5	35.5
5 to 14 weeks	29.4	29.9	28.4	28.6	28.6	29.4	29.5	28.3	30.2	28.8	27.4	28.1	29.4
15 weeks and over	34.7	34.0	35.7	35.3	36.6	36.6	36.5	37.8	36.7	38.6	36.6	35.5	35.2
15 to 26 weeks	15.4	14.4	15.0	14.0	15.0	15.5	14.8	15.7	15.3	16.5	15.5	13.9	14.4
27 weeks and over	19.3	19.6	20.7	21.3	21.5	21.1	21.7	22.2	21.4	22.1	21.1	21.5	20.7

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

(Numbers in thousands)

Reasons for unemployment	1992										1993		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
NUMBER OF UNEMPLOYED													
Job losers	5,269	5,219	5,430	5,535	5,462	5,414	5,438	5,492	5,207	5,138	4,847	4,648	4,812
On layoff	1,235	1,227	1,211	1,312	1,296	1,255	1,335	1,265	1,195	1,204	1,029	1,049	1,076
Other job losers	4,034	3,992	4,219	4,223	4,166	4,159	4,103	4,227	4,012	3,934	3,818	3,599	3,735
Job leavers	947	1,009	992	1,017	1,003	1,009	963	913	977	972	821	1,046	1,096
Reentrants	2,203	2,137	2,194	2,266	2,273	2,246	2,274	2,206	2,194	2,237	2,346	2,299	2,047
New entrants	832	853	863	999	958	941	944	784	930	930	960	887	930
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	57.0	56.6	57.3	56.4	56.3	56.3	56.5	58.5	55.9	55.4	54.0	52.3	54.2
On layoff	13.3	13.3	12.8	13.4	13.4	13.1	13.9	13.5	12.8	13.0	11.5	11.8	12.1
Other job losers	43.6	43.3	44.5	43.0	43.0	43.3	42.7	45.0	43.1	42.4	42.5	40.5	42.0
Job leavers	10.2	10.9	10.5	10.4	10.3	10.5	10.0	9.7	10.5	10.5	9.1	11.8	12.3
Reentrants	23.8	23.2	23.1	23.1	23.4	23.4	23.6	23.5	23.6	24.1	26.1	25.9	23.0
New entrants	9.0	9.3	9.1	10.2	9.9	9.8	9.8	8.3	10.0	10.0	10.7	10.0	10.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.2	4.1	4.3	4.3	4.3	4.2	4.3	4.3	4.1	4.0	3.8	3.7	3.8
Job leavers .....	.7	.8	.8	.8	.8	.8	.8	.7	.8	.8	.6	.8	.9
Reentrants	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.6
New entrants .....	.7	.7	.7	.8	.8	.7	.7	.6	.7	.7	.8	.7	.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status and sex	1990				1991				1992				1993
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
TOTAL													
Noninstitutional population ¹	189,093	189,466	189,889	190,297	190,671	190,996	191,593	192,056	192,478	192,884	193,353	193,852	194,304
Labor force ¹	126,325	126,413	126,410	126,639	126,551	126,863	126,834	127,279	127,843	128,600	128,909	128,874	128,788
Percent of population ²	66.8	66.7	66.6	66.5	66.4	66.4	66.2	66.3	66.4	66.7	66.7	66.5	66.3
Total employed ¹	119,768	119,848	119,461	119,144	118,421	118,430	118,395	118,496	118,677	119,110	119,309	119,554	119,870
Employment-population ratio ³	63.3	63.3	62.9	62.6	62.1	62.0	61.8	61.7	61.7	61.8	61.7	61.7	61.7
Resident Armed Forces	1,681	1,642	1,623	1,601	1,559	1,473	1,615	1,608	1,590	1,574	1,567	1,533	1,508
Civilian employed	118,087	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362
Agriculture	3,165	3,236	3,137	3,211	3,175	3,244	3,262	3,226	3,184	3,212	3,215	3,213	3,130
Nonagricultural industries	114,922	114,970	114,701	114,332	113,687	113,713	113,519	113,662	113,903	114,324	114,527	114,807	115,232
Unemployed	6,557	6,566	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320	8,917
Unemployment rate ⁴	5.2	5.2	5.5	5.9	6.4	6.6	6.7	6.9	7.2	7.4	7.4	7.2	6.9
Not in labor force	62,767	63,053	63,479	63,658	64,120	64,133	64,759	64,778	64,634	64,283	64,443	64,978	65,516
Men													
Noninstitutional population ¹	90,823	91,014	91,226	91,425	91,609	91,737	92,103	92,355	92,585	92,807	93,059	93,328	93,566
Labor force ¹	69,668	69,674	69,626	69,915	69,710	69,758	69,872	69,931	70,160	70,676	70,808	70,730	70,666
Percent of population ²	76.7	76.6	76.3	76.5	76.1	76.0	75.9	75.7	75.8	76.2	76.1	75.8	75.5
Total employed ¹	66,105	66,061	65,773	65,684	65,078	64,922	64,970	64,966	64,874	65,200	65,310	65,429	65,637
Employment-population ratio ³	72.8	72.6	72.1	71.8	71.0	70.8	70.5	70.3	70.1	70.3	70.2	70.1	70.2
Resident Armed Forces	1,509	1,479	1,459	1,440	1,402	1,319	1,441	1,434	1,419	1,414	1,408	1,376	1,352
Civilian employed	64,596	64,582	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054	64,285
Unemployed	3,563	3,613	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301	5,029
Unemployment rate ⁴	5.1	5.2	5.5	6.1	6.6	6.9	7.0	7.1	7.5	7.7	7.8	7.5	7.1
Not in labor force	21,155	21,341	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598	22,900
Women													
Noninstitutional population ¹	98,270	98,452	98,663	98,872	99,062	99,259	99,490	99,701	99,893	100,077	100,294	100,525	100,738
Labor force ¹	56,658	56,740	56,783	56,723	56,842	57,105	56,962	57,348	57,683	57,924	58,102	58,144	58,122
Percent of population ²	57.7	57.6	57.6	57.4	57.4	57.5	57.3	57.5	57.7	57.9	57.9	57.8	57.7
Total employed ¹	53,664	53,787	53,687	53,459	53,343	53,508	53,425	53,590	53,803	53,910	53,999	54,125	54,233
Employment-population ratio ³	54.6	54.6	54.4	54.1	53.8	53.9	53.7	53.7	53.9	53.9	53.8	53.8	53.8
Resident Armed Forces	173	163	163	160	157	154	174	173	170	160	159	158	156
Civilian employed	53,491	53,624	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967	54,077
Unemployed	2,993	2,953	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019	3,889
Unemployment rate ⁴	5.3	5.2	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9	6.7
Not in labor force	41,612	41,712	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381	42,616

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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
TOTAL													
Civilian noninstitutional population ¹	187,411	187,824	188,266	188,696	189,112	189,523	189,978	190,449	190,888	191,310	191,786	192,319	192,796
Civilian labor force	124,644	124,771	124,787	125,038	124,992	125,390	125,219	125,671	126,254	127,027	127,343	127,341	127,280
Percent of population	66.5	66.4	66.3	66.3	66.1	66.2	65.9	66.0	66.1	66.4	66.4	66.2	66.0
Employed	118,087	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362
Employment-population ratio ²	63.0	62.9	62.6	62.3	61.8	61.7	61.5	61.4	61.3	61.4	61.4	61.4	61.4
Unemployed	6,557	6,566	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320	8,917
Unemployment rate	5.3	5.3	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0
Men, 16 years and over													
Civilian noninstitutional population ¹	89,314	89,536	89,767	89,985	90,207	90,418	90,662	90,921	91,165	91,393	91,652	91,952	92,214
Civilian labor force	68,159	68,195	68,167	68,475	68,308	68,438	68,432	68,497	68,741	69,262	69,400	69,354	69,314
Percent of population	76.3	76.2	75.9	76.1	75.7	75.7	75.5	75.3	75.4	75.8	75.7	75.4	75.2
Employed	64,596	64,582	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054	64,285
Employment-population ratio ²	72.3	72.1	71.6	71.4	70.6	70.3	70.1	69.9	69.6	69.8	69.7	69.7	69.7
Agriculture	2,503	2,521	2,473	2,536	2,503	2,577	2,573	2,530	2,484	2,528	2,555	2,561	2,496
Nonagricultural industries	62,093	62,060	61,841	61,708	61,173	61,025	60,957	61,002	60,971	61,258	61,347	61,492	61,789
Unemployed	3,563	3,613	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301	5,029
Unemployment rate	5.2	5.3	5.7	6.2	6.8	7.1	7.2	7.2	7.7	7.9	7.9	7.6	7.3
Not in labor force	21,155	21,341	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598	22,900
Men, 20 years and over													
Civilian noninstitutional population ¹	82,264	82,581	82,864	83,105	83,376	83,650	83,943	84,254	84,535	84,756	85,010	85,262	85,554
Civilian labor force	64,156	64,265	64,404	64,699	64,601	64,823	64,907	65,004	65,239	65,743	65,815	65,779	65,753
Percent of population	78.0	77.8	77.7	77.9	77.5	77.5	77.3	77.2	77.2	77.6	77.4	77.1	76.9
Employed	61,201	61,259	61,183	61,138	60,668	60,718	60,704	60,746	60,704	61,049	61,100	61,207	61,456
Employment-population ratio ²	74.4	74.2	73.8	73.6	72.8	72.6	72.3	72.1	71.8	72.0	71.9	71.8	71.8
Agriculture	2,281	2,335	2,267	2,325	2,305	2,371	2,380	2,366	2,329	2,361	2,368	2,358	2,295
Nonagricultural industries	58,920	58,923	58,915	58,813	58,363	58,346	58,325	58,380	58,376	58,688	58,732	58,848	59,160
Unemployed	2,954	3,006	3,222	3,561	3,932	4,105	4,203	4,258	4,535	4,694	4,715	4,572	4,297
Unemployment rate	4.6	4.7	5.0	5.5	6.1	6.3	6.5	6.6	7.0	7.1	7.2	7.0	6.5
Not in labor force	18,108	18,316	18,460	18,406	18,775	18,827	19,036	19,250	19,296	19,013	19,195	19,483	19,801
Women, 16 years and over													
Civilian noninstitutional population ¹	98,097	98,289	98,499	98,711	98,905	99,106	99,316	99,528	99,723	99,917	100,135	100,367	100,582
Civilian labor force	56,485	56,577	56,620	56,563	56,685	56,952	56,788	57,174	57,513	57,764	57,943	57,986	57,966
Percent of population	57.6	57.6	57.5	57.3	57.3	57.5	57.2	57.4	57.7	57.8	57.9	57.8	57.6
Employed	53,491	53,624	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967	54,077
Employment-population ratio ²	54.5	54.6	54.3	54.0	53.8	53.8	53.6	53.6	53.8	53.8	53.8	53.8	53.8
Agriculture	662	715	665	675	671	666	689	696	700	684	660	652	634
Nonagricultural industries	52,830	52,909	52,860	52,624	52,515	52,688	52,562	52,660	52,932	53,066	53,179	53,315	53,443
Unemployed	2,993	2,953	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019	3,889
Unemployment rate	5.3	5.2	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9	6.7
Not in labor force	41,612	41,712	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381	42,616
Women, 20 years and over													
Civilian noninstitutional population ¹	91,162	91,413	91,678	91,954	92,203	92,453	92,724	92,955	93,196	93,405	93,633	93,860	94,081
Civilian labor force	52,781	52,987	53,139	53,160	53,245	53,578	53,593	53,870	54,280	54,561	54,739	54,807	54,751
Percent of population	57.9	58.0	58.0	57.8	57.7	58.0	57.8	58.0	58.2	58.4	58.5	58.4	58.2
Employed	50,312	50,541	50,554	50,433	50,337	50,545	50,622	50,654	50,976	51,158	51,232	51,370	51,460
Employment-population ratio ²	55.2	55.3	55.1	54.8	54.6	54.7	54.6	54.5	54.7	54.8	54.7	54.7	54.7
Agriculture	616	663	622	635	638	625	649	662	656	644	610	604	593
Nonagricultural industries	49,697	49,878	49,932	49,798	49,699	49,921	49,973	49,992	50,320	50,514	50,622	50,766	50,868
Unemployed	2,469	2,446	2,586	2,727	2,909	3,032	2,971	3,216	3,304	3,404	3,508	3,436	3,291
Unemployment rate	4.7	4.6	4.9	5.1	5.5	5.7	5.5	6.0	6.1	6.2	6.4	6.3	6.0
Not in labor force	38,381	38,426	38,539	38,794	38,958	38,875	39,131	39,085	38,916	38,844	38,894	39,053	39,330
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,985	13,830	13,724	13,637	13,532	13,420	13,312	13,239	13,157	13,149	13,144	13,196	13,160
Civilian labor force	7,707	7,520	7,243	7,179	7,146	6,989	6,720	6,797	6,734	6,722	6,789	6,755	6,776
Percent of population	55.1	54.4	52.8	52.6	52.8	52.1	50.5	51.3	51.2	51.1	51.7	51.2	51.5
Employed	6,574	6,406	6,102	5,973	5,857	5,694	5,454	5,488	5,407	5,329	5,411	5,444	5,446
Employment-population ratio ²	47.0	46.3	44.5	43.8	43.3	42.4	41.0	41.5	41.1	40.5	41.2	41.3	41.4
Agriculture	268	238	248	252	232	248	233	198	200	207	237	251	242
Nonagricultural industries	6,306	6,168	5,854	5,721	5,625	5,446	5,221	5,291	5,207	5,122	5,173	5,193	5,204
Unemployed	1,134	1,114	1,141	1,206	1,289	1,296	1,266	1,309	1,327	1,393	1,378	1,312	1,329
Unemployment rate	14.7	14.8	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4	19.6
Not in labor force	6,278	6,310	6,481	6,458	6,386	6,431	6,592	6,442	6,423	6,427	6,355	6,441	6,385

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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
WHITE													
Civilian noninstitutional population ¹	160,007	160,269	160,553	160,830	161,095	161,357	161,646	161,947	162,223	162,486	162,788	163,135	163,438
Civilian labor force	107,063	107,145	107,275	107,273	107,306	107,593	107,393	107,717	108,156	108,545	108,699	108,717	108,827
Percent of population	66.9	66.9	66.8	66.7	66.6	66.7	66.4	66.5	66.7	66.8	66.8	66.6	66.6
Employed	102,188	102,240	102,177	101,744	101,085	101,146	100,911	101,012	101,199	101,439	101,498	101,772	102,145
Employment-population ratio ²	63.9	63.8	63.6	63.3	62.7	62.7	62.4	62.4	62.4	62.4	62.3	62.4	62.5
Unemployed	4,875	4,905	5,098	5,529	6,222	6,447	6,482	6,705	6,957	7,106	7,201	6,945	6,682
Unemployment rate	4.6	4.6	4.8	5.2	5.8	6.0	6.0	6.2	6.4	6.5	6.6	6.4	6.1
Men, 20 years and over													
Civilian labor force	55,895	55,857	55,981	56,166	56,090	56,251	56,309	56,341	56,553	56,881	56,918	56,902	56,969
Percent of population	78.5	78.2	78.2	78.2	77.9	77.9	77.8	77.6	77.7	78.0	77.8	77.6	77.5
Employed	53,650	53,562	53,598	53,486	52,986	53,053	52,980	52,991	53,015	53,252	53,296	53,406	53,640
Employment-population ratio ²	75.4	75.0	74.9	74.5	73.6	73.5	73.2	73.0	72.9	73.0	72.9	72.9	73.0
Unemployed	2,245	2,296	2,384	2,680	3,104	3,198	3,329	3,350	3,538	3,630	3,622	3,496	3,329
Unemployment rate	4.0	4.1	4.3	4.8	5.5	5.7	5.9	5.9	6.3	6.4	6.4	6.1	5.8
Women, 20 years and over													
Civilian labor force	44,566	44,826	45,027	44,941	45,065	45,319	45,280	45,492	45,824	45,947	46,035	46,080	46,080
Percent of population	57.4	57.7	57.8	57.5	57.6	57.8	57.6	57.7	58.1	58.1	58.1	58.1	58.0
Employed	42,796	43,044	43,174	42,972	42,910	43,068	43,080	43,136	43,401	43,483	43,450	43,564	43,683
Employment-population ratio ²	55.2	55.4	55.4	55.0	54.8	54.9	54.8	54.8	55.0	55.0	54.9	54.9	55.0
Unemployed	1,770	1,782	1,853	1,969	2,156	2,251	2,200	2,356	2,424	2,464	2,585	2,516	2,398
Unemployment rate	4.0	4.0	4.1	4.4	4.8	5.0	4.9	5.2	5.3	5.4	5.6	5.5	5.2
Both sexes, 16 to 19 years													
Civilian labor force	6,602	6,462	6,266	6,166	6,151	6,023	5,804	5,884	5,779	5,717	5,745	5,736	5,778
Percent of population	58.6	58.0	56.8	56.4	56.8	56.2	54.5	55.5	54.8	54.5	54.8	54.6	54.9
Employed	5,742	5,635	5,405	5,287	5,189	5,026	4,851	4,885	4,783	4,704	4,751	4,802	4,822
Employment-population ratio ²	51.0	50.6	49.0	48.3	48.0	46.9	45.6	46.1	45.4	44.8	45.4	45.7	45.8
Unemployed	860	827	861	879	962	997	953	999	995	1,012	994	933	956
Unemployment rate	13.0	12.8	13.7	14.3	15.6	16.6	16.4	17.0	17.2	17.7	17.3	16.3	16.5
Men	13.3	13.3	14.8	15.5	16.8	18.1	17.4	17.8	18.8	19.2	18.7	16.9	17.5
Women	12.7	12.2	12.5	12.9	14.4	14.9	15.3	16.1	15.5	16.1	15.7	15.5	15.5
BLACK													
Civilian noninstitutional population ¹	21,187	21,259	21,339	21,416	21,493	21,568	21,656	21,744	21,828	21,909	21,997	22,096	22,186
Civilian labor force	13,525	13,511	13,412	13,535	13,536	13,547	13,542	13,545	13,729	13,875	14,027	13,926	13,891
Percent of population	63.8	63.6	62.9	63.2	63.0	62.8	62.5	62.3	62.9	63.3	63.8	63.0	62.6
Employed	12,046	12,105	11,837	11,876	11,898	11,854	11,887	11,813	11,831	11,895	12,037	11,964	12,000
Employment-population ratio ²	56.9	56.9	55.5	55.5	55.4	55.0	54.9	54.3	54.2	54.3	54.7	54.1	54.1
Unemployed	1,479	1,406	1,575	1,659	1,637	1,693	1,655	1,732	1,898	1,980	1,991	1,962	1,891
Unemployment rate	10.9	10.4	11.7	12.3	12.1	12.5	12.2	12.8	13.8	14.3	14.2	14.1	13.6
Men, 20 years and over													
Civilian labor force	6,213	6,251	6,295	6,349	6,372	6,341	6,364	6,377	6,433	6,474	6,503	6,477	6,504
Percent of population	73.6	73.7	73.8	74.2	74.0	73.4	73.2	72.9	73.2	73.3	73.3	72.6	72.5
Employed	5,590	5,666	5,601	5,619	5,660	5,579	5,635	5,650	5,567	5,607	5,619	5,613	5,680
Employment-population ratio ²	66.3	66.8	65.7	65.7	65.7	64.6	64.8	64.6	63.3	63.5	63.3	62.9	63.3
Unemployed	623	585	694	729	713	762	729	727	866	867	885	863	824
Unemployment rate	10.0	9.4	11.0	11.5	11.2	12.0	11.4	11.4	13.5	13.4	13.6	13.3	12.7
Women, 20 years and over													
Civilian labor force	6,435	6,423	6,326	6,364	6,378	6,455	6,456	6,446	6,512	6,625	6,716	6,669	6,601
Percent of population	60.8	60.5	59.3	59.4	59.2	59.7	59.4	59.1	59.4	60.2	60.8	60.1	59.3
Employed	5,825	5,848	5,700	5,720	5,740	5,783	5,798	5,708	5,769	5,830	5,933	5,891	5,850
Employment-population ratio ²	55.1	55.0	53.4	53.4	53.3	53.5	53.4	52.3	52.7	53.0	53.7	53.1	52.5
Unemployed	610	575	625	644	639	672	658	738	742	794	783	778	751
Unemployment rate	9.5	8.9	9.9	10.1	10.0	10.4	10.2	11.4	11.4	12.0	11.7	11.7	11.4

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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	876	837	792	822	785	751	722	722	784	776	808	780	786
Percent of population	40.4	38.9	37.0	38.4	37.2	35.5	34.5	34.7	37.7	37.5	39.0	37.5	37.7
Employed	631	591	536	536	499	492	453	455	494	458	485	460	470
Employment-population ratio ²	29.1	27.5	25.1	25.1	23.6	23.3	21.7	21.8	23.8	22.1	23.4	22.1	22.6
Unemployed	246	246	255	286	286	259	269	267	290	319	323	320	316
Unemployment rate	28.0	29.4	32.3	34.8	36.4	34.5	37.2	37.0	37.0	41.0	40.0	41.0	40.2
Men	29.5	30.7	33.8	34.7	36.5	35.9	37.0	36.7	37.7	43.8	43.1	43.7	40.6
Women	26.5	28.0	30.5	34.8	36.4	32.9	37.4	37.3	36.1	38.1	36.6	37.9	39.6
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	14,119	14,238	14,356	14,474	14,593	14,711	14,829	14,948	15,066	15,184	15,303	15,421	15,542
Civilian labor force	9,494	9,604	9,644	9,575	9,636	9,708	9,818	9,902	10,030	10,083	10,160	10,257	10,282
Percent of population	67.2	67.5	67.2	66.2	66.0	66.0	66.2	66.2	66.6	66.4	66.4	66.5	66.2
Employed	8,776	8,871	8,866	8,720	8,722	8,782	8,824	8,873	8,899	8,955	8,984	9,049	9,106
Employment-population ratio ²	62.2	62.3	61.8	60.2	59.8	59.7	59.5	59.4	59.1	59.0	58.7	58.7	58.6
Unemployed	717	734	778	855	913	926	994	1,028	1,131	1,128	1,176	1,209	1,177
Unemployment rate	7.6	7.6	8.1	8.9	9.5	9.5	10.1	10.4	11.3	11.2	11.6	11.8	11.4

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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
EMPLOYED													
Full-time workers	98,221	98,270	97,936	97,630	96,810	96,634	96,505	96,363	96,640	97,108	97,042	97,281	97,741
Men, 16 years and over	58,155	58,058	57,906	57,800	57,203	56,993	56,792	56,748	56,699	57,022	56,836	57,027	57,371
Men, 20 years and over	56,739	56,689	56,610	56,512	55,993	55,906	55,806	55,698	55,607	56,025	55,874	55,996	56,291
Women, 16 years and over	39,973	40,203	40,046	39,844	39,648	39,635	39,600	39,687	40,044	40,065	40,104	40,313	40,463
Women, 20 years and over	38,954	39,178	39,083	38,947	38,819	38,791	38,877	38,942	39,304	39,363	39,397	39,578	39,761
Both sexes, 16 to 19 years	2,528	2,403	2,243	2,171	1,999	1,937	1,821	1,723	1,720	1,771	1,707	1,689	
Part-time workers	19,993	19,908	19,873	19,893	20,051	20,315	20,402	20,439	20,386	20,439	20,826	20,645	20,569
Men, 16 years and over	6,454	6,500	6,411	6,436	6,499	6,602	6,733	6,786	6,797	6,760	7,049	7,019	6,949
Men, 20 years and over	4,498	4,561	4,563	4,611	4,689	4,823	4,914	5,023	5,088	5,040	5,255	5,187	5,156
Women, 16 years and over	13,516	13,418	13,482	13,452	13,539	13,715	13,666	13,660	13,588	13,680	13,751	13,638	13,624
Women, 20 years and over	11,374	11,353	11,462	11,483	11,532	11,748	11,743	11,700	11,691	11,794	11,824	11,778	11,745
Both sexes, 16 to 19 years	4,121	3,994	3,849	3,798	3,830	3,743	3,745	3,715	3,607	3,605	3,747	3,679	3,669
UNEMPLOYED													
Looking for full-time work	5,237	5,244	5,601	6,163	6,683	6,890	6,983	7,244	7,585	7,827	7,960	7,643	7,289
Men, 16 years and over	2,990	3,087	3,317	3,683	4,104	4,191	4,249	4,321	4,785	4,774	4,708	4,543	4,473
Men, 20 years and over	2,728	2,764	2,980	3,340	3,694	3,841	3,929	3,986	4,265	4,413	4,430	4,283	4,030
Women, 16 years and over	2,164	2,164	2,297	2,479	2,649	2,686	2,689	2,859	2,963	3,033	3,193	2,999	2,933
Women, 20 years and over	1,941	1,943	2,069	2,233	2,361	2,449	2,419	2,637	2,721	2,759	2,901	2,788	2,674
Both sexes, 16 to 19 years	567	536	551	590	628	600	635	620	600	655	629	572	584
Looking for part-time work	1,309	1,312	1,384	1,328	1,444	1,518	1,485	1,541	1,577	1,626	1,674	1,683	1,627
Men, 16 years and over	493	522	568	556	590	615	607	614	656	661	708	699	659
Men, 20 years and over	227	241	249	221	241	255	278	272	273	265	291	288	272
Women, 16 years and over	824	785	809	773	853	894	878	929	930	953	969	979	974
Women, 20 years and over	529	497	526	494	553	570	560	581	587	627	618	655	621
Both sexes, 16 to 19 years	553	574	608	613	650	693	647	687	716	735	765	739	733

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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
CHARACTERISTIC													
Total	118,087	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362
Married men, spouse present	41,124	40,770	40,689	40,722	40,456	40,392	40,486	40,351	40,071	40,357	40,287	40,483	40,804
Married women, spouse present	29,798	29,846	29,782	29,763	29,660	29,728	29,857	29,849	29,952	30,172	30,196	30,226	30,494
Women who maintain families	6,314	6,399	6,358	6,357	6,420	6,422	6,494	6,493	6,563	6,564	6,615	6,586	6,654
OCCUPATION													
Managerial and professional specialty	30,635	30,508	30,793	30,691	30,857	30,915	30,974	31,295	31,019	31,026	31,122	31,434	32,018
Technical, sales, and administrative support	36,980	36,857	36,428	36,488	36,200	36,154	36,024	36,006	36,750	36,939	36,852	36,714	36,487
Service occupations	15,505	15,784	15,874	15,861	15,841	15,944	16,062	16,086	16,108	16,076	16,099	16,100	16,437
Precision production, craft, and repair	13,782	13,712	13,607	13,460	13,359	13,224	13,042	13,022	12,863	13,082	13,283	13,267	12,882
Operators, fabricators, and laborers	17,851	17,822	17,747	17,649	17,209	17,161	17,243	17,057	16,967	16,960	16,928	16,965	17,216
Farming, forestry, and fishing	3,369	3,437	3,411	3,394	3,438	3,494	3,469	3,420	3,420	3,394	3,483	3,526	3,369
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,644	1,668	1,697	1,697	1,614	1,692	1,696	1,670	1,676	1,710	1,701	1,692	1,614
Self-employed workers	1,399	1,464	1,339	1,404	1,419	1,440	1,457	1,452	1,415	1,387	1,402	1,391	1,381
Unpaid family workers	111	109	103	106	146	110	114	112	103	110	107	129	137
Nonagricultural industries:													
Wage and salary workers	106,022	105,935	105,730	105,213	104,651	104,478	104,451	104,516	105,092	105,498	105,653	105,918	106,164
Government	17,728	17,908	17,660	17,648	17,840	17,968	17,866	17,918	17,801	17,939	18,386	18,217	18,508
Private industries	88,295	88,027	88,070	87,565	86,811	86,509	86,585	86,598	87,291	87,559	87,267	87,701	87,656
Private households	1,036	1,004	1,007	1,013	980	971	1,034	981	1,075	1,109	1,169	1,101	1,091
Other industries	87,259	87,022	87,063	86,552	85,831	85,538	85,551	85,617	86,216	86,450	86,098	86,600	86,565
Self-employed workers	8,732	8,757	8,732	8,816	8,859	8,989	8,883	8,859	8,618	8,557	8,656	8,642	8,897
Unpaid family workers	274	247	248	242	232	227	214	229	232	248	236	210	227
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	4,834	4,917	5,202	5,486	5,786	5,952	6,142	6,349	6,465	6,310	6,352	6,425	6,256
Slack work	2,339	2,437	2,589	2,832	3,107	3,201	3,200	3,320	3,225	3,239	3,236	3,176	3,061
Could only find part-time work	2,151	2,154	2,235	2,330	2,331	2,460	2,627	2,720	2,935	2,773	2,823	2,971	2,911
Voluntary part time	15,342	15,335	15,186	15,045	14,985	15,179	15,009	14,898	14,558	14,888	14,944	14,818	14,761
Nonagricultural industries:													
Part time for economic reasons	4,608	4,701	4,945	5,213	5,504	5,701	5,836	6,072	6,190	6,044	6,088	6,148	6,031
Slack work	2,185	2,266	2,410	2,652	2,908	3,012	3,013	3,139	3,034	3,032	3,082	3,000	2,892
Could only find part-time work	2,094	2,097	2,173	2,261	2,264	2,378	2,536	2,648	2,861	2,695	2,747	2,899	2,854
Voluntary part time	14,882	14,837	14,776	14,637	14,575	14,732	14,567	14,434	14,107	14,462	14,523	14,404	14,321

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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over	118,087	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021	118,362
16 to 24 years	19,260	19,089	18,702	18,481	18,245	17,916	17,622	17,648	17,544	17,487	17,588	17,595	17,609
16 to 19 years	6,574	6,406	6,102	5,973	5,857	5,694	5,454	5,488	5,407	5,329	5,411	5,444	5,446
16 to 17 years	2,488	2,384	2,234	2,208	2,226	2,142	2,045	2,088	2,051	2,024	2,077	2,048	2,083
18 to 19 years	4,096	4,013	3,864	3,759	3,649	3,542	3,416	3,405	3,385	3,290	3,333	3,388	3,364
20 to 24 years	12,687	12,683	12,600	12,509	12,388	12,222	12,168	12,160	12,137	12,158	12,177	12,151	12,163
25 years and over	98,847	99,081	99,165	99,040	98,644	99,013	99,189	99,220	99,564	100,025	100,176	100,409	100,775
25 to 54 years	83,965	84,189	84,240	84,157	83,949	84,323	84,528	84,647	84,800	85,297	85,541	85,752	86,112
55 years and over	14,876	14,886	14,945	14,869	14,691	14,682	14,682	14,562	14,761	14,718	14,648	14,657	14,704
Men, 16 years and over	64,596	64,582	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054	64,285
16 to 24 years	10,065	9,989	9,739	9,651	9,491	9,305	9,226	9,166	9,045	9,061	9,201	9,251	9,241
16 to 19 years	3,395	3,323	3,131	3,106	3,008	2,885	2,825	2,786	2,750	2,737	2,803	2,847	2,830
16 to 17 years	1,286	1,232	1,147	1,160	1,156	1,101	1,055	1,055	1,033	1,029	1,070	1,077	1,090
18 to 19 years	2,113	2,080	1,983	1,943	1,863	1,776	1,772	1,736	1,743	1,697	1,727	1,766	1,747
20 to 24 years	6,670	6,666	6,608	6,545	6,484	6,420	6,401	6,380	6,295	6,324	6,399	6,404	6,411
25 years and over	54,542	54,567	54,582	54,595	54,197	54,280	54,311	54,368	54,415	54,711	54,706	54,805	55,049
25 to 54 years	46,064	46,091	46,041	46,070	45,872	45,920	46,030	46,084	46,045	46,317	46,454	46,532	46,770
55 years and over	8,496	8,456	8,550	8,513	8,342	8,343	8,294	8,275	8,384	8,377	8,262	8,271	8,326
Women, 16 years and over	53,491	53,624	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967	54,077
16 to 24 years	9,196	9,100	8,963	8,831	8,753	8,611	8,396	8,482	8,499	8,426	8,387	8,344	8,369
16 to 19 years	3,179	3,083	2,971	2,867	2,849	2,809	2,629	2,702	2,657	2,592	2,608	2,587	2,617
16 to 17 years	1,201	1,152	1,087	1,048	1,070	1,040	990	1,033	1,018	995	1,006	971	1,003
18 to 19 years	1,982	1,933	1,881	1,816	1,786	1,766	1,643	1,669	1,642	1,593	1,606	1,622	1,617
20 to 24 years	6,017	6,017	5,992	5,964	5,904	5,802	5,767	5,780	5,842	5,834	5,779	5,747	5,752
25 years and over	44,305	44,514	44,583	44,445	44,447	44,733	44,878	44,853	45,149	45,314	45,469	45,604	45,726
25 to 54 years	37,901	38,098	38,199	38,087	38,076	38,403	38,498	38,563	38,755	38,980	39,086	39,220	39,342
55 years and over	6,380	6,430	6,395	6,356	6,349	6,339	6,389	6,287	6,377	6,341	6,386	6,386	6,378

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

(In thousands)

Sex and age	1990				1991				1992				1993
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over	6,557	6,566	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320	8,917
16 to 24 years	2,311	2,319	2,371	2,483	2,684	2,760	2,758	2,872	2,859	2,936	2,958	2,830	2,829
16 to 19 years	1,134	1,114	1,141	1,206	1,289	1,296	1,266	1,309	1,327	1,393	1,378	1,312	1,329
16 to 17 years	497	515	487	520	537	547	565	592	586	646	619	598	632
18 to 19 years	628	609	655	685	743	757	700	722	732	754	756	720	688
20 to 24 years	1,178	1,205	1,230	1,277	1,395	1,465	1,492	1,564	1,532	1,543	1,580	1,519	1,499
25 years and over	4,247	4,253	4,574	5,005	5,444	5,677	5,674	5,912	6,303	6,558	6,639	6,494	6,086
25 to 54 years	3,734	3,775	4,070	4,483	4,866	5,044	5,086	5,309	5,625	5,768	5,859	5,779	5,423
55 years and over	517	458	501	542	579	609	597	621	677	759	797	727	661
Men, 16 years and over	3,563	3,613	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301	5,029
16 to 24 years	1,246	1,275	1,283	1,385	1,516	1,565	1,584	1,577	1,651	1,673	1,657	1,598	1,569
16 to 19 years	609	607	631	670	699	730	700	707	751	782	783	729	732
16 to 17 years	252	274	269	286	306	291	304	303	326	361	344	329	351
18 to 19 years	356	338	362	379	392	444	393	404	423	426	434	401	378
20 to 24 years	637	668	652	715	817	834	885	870	900	890	875	870	837
25 years and over	2,324	2,341	2,561	2,843	3,122	3,271	3,307	3,389	3,644	3,800	3,833	3,705	3,467
25 to 54 years	2,014	2,042	2,235	2,510	2,756	2,870	2,923	3,033	3,211	3,304	3,363	3,270	3,061
55 years and over	311	283	321	353	365	382	386	377	431	475	478	450	402
Women, 16 years and over	2,993	2,953	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019	3,889
16 to 24 years	1,065	1,044	1,088	1,098	1,168	1,196	1,173	1,295	1,208	1,263	1,301	1,232	1,260
16 to 19 years	525	507	510	536	590	565	566	602	576	611	595	583	598
16 to 17 years	245	242	218	232	231	256	261	289	260	284	275	269	281
18 to 19 years	272	271	293	306	351	313	307	318	309	328	322	318	310
20 to 24 years	541	537	579	562	578	630	607	693	632	653	705	649	662
25 years and over	1,923	1,913	2,013	2,162	2,322	2,406	2,367	2,522	2,659	2,759	2,806	2,789	2,619
25 to 54 years	1,720	1,733	1,835	1,973	2,111	2,174	2,162	2,276	2,415	2,465	2,496	2,510	2,362
55 years and over	206	175	180	189	214	226	211	244	246	284	319	277	259

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Civilian workers)

Sex and age	1990				1991				1992				1993
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over	5.3	5.3	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0
16 to 24 years	10.7	10.8	11.3	11.8	12.8	13.4	13.5	14.0	14.0	14.4	14.4	13.9	13.8
16 to 19 years	14.7	14.8	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4	19.6
16 to 17 years	16.7	17.8	17.9	19.1	19.4	20.4	21.6	22.1	22.2	24.2	23.0	22.6	23.2
18 to 19 years	13.3	13.2	14.5	15.4	16.9	17.6	17.0	17.5	17.8	18.6	18.5	17.5	17.0
20 to 24 years	8.5	8.7	8.9	9.3	10.1	10.7	10.9	11.4	11.2	11.3	11.5	11.1	11.0
25 years and over	4.1	4.1	4.4	4.8	5.2	5.4	5.4	5.6	6.0	6.2	6.2	6.1	5.7
25 to 54 years	4.3	4.3	4.6	5.1	5.5	5.6	5.7	5.9	6.2	6.3	6.4	6.3	5.9
55 years and over	3.4	3.0	3.2	3.5	3.8	4.0	3.9	4.1	4.4	4.9	5.2	4.7	4.3
Men, 16 years and over	5.2	5.3	5.7	6.2	6.8	7.1	7.2	7.2	7.7	7.9	7.9	7.6	7.3
16 to 24 years	11.0	11.3	11.6	12.6	13.8	14.4	14.7	14.7	15.4	15.6	15.3	14.7	14.5
16 to 19 years	15.2	15.4	16.8	17.7	18.9	20.2	19.9	20.2	21.4	22.2	21.8	20.4	20.5
16 to 17 years	16.4	18.2	19.0	19.9	21.0	20.9	22.4	22.3	24.0	26.0	24.3	23.4	24.4
18 to 19 years	14.4	14.0	15.4	16.3	17.4	20.0	18.1	18.9	19.5	20.1	20.1	18.5	17.8
20 to 24 years	8.7	9.1	9.0	9.8	11.2	11.5	12.1	12.0	12.5	12.3	12.0	12.0	11.6
25 years and over	4.1	4.1	4.5	5.0	5.4	5.7	5.7	5.9	6.3	6.5	6.5	6.3	5.9
25 to 54 years	4.2	4.2	4.6	5.2	5.7	5.9	6.0	6.2	6.5	6.7	6.8	6.6	6.1
55 years and over	3.5	3.2	3.6	4.0	4.2	4.4	4.4	4.4	4.9	5.4	5.5	5.2	4.6
Women, 16 years and over	5.3	5.2	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9	6.7
16 to 24 years	10.4	10.3	10.8	11.1	11.8	12.2	12.3	13.2	12.4	13.0	13.4	12.9	13.1
16 to 19 years	14.2	14.1	14.6	15.8	17.2	16.8	17.7	18.2	17.8	19.1	18.6	18.3	18.6
16 to 17 years	16.9	17.3	16.7	18.1	17.8	19.8	20.8	21.9	20.3	22.2	21.4	21.7	21.9
18 to 19 years	12.1	12.3	13.5	14.4	16.4	15.0	15.8	16.0	15.9	17.1	16.7	16.4	16.1
20 to 24 years	8.2	8.2	8.8	8.6	8.9	9.8	9.5	10.7	9.8	10.1	10.9	10.1	10.3
25 years and over	4.2	4.1	4.3	4.6	5.0	5.1	5.0	5.3	5.6	5.7	5.8	5.8	5.4
25 to 54 years	4.3	4.4	4.6	4.9	5.3	5.4	5.3	5.6	5.9	5.9	6.0	6.0	5.7
55 years and over	3.1	2.6	2.7	2.9	3.3	3.4	3.2	3.7	3.7	4.3	4.8	4.2	3.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-50. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1990				1991				1992				1993
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
CHARACTERISTIC													
Total (all civilian workers)	5.3	5.3	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0
Men, 20 years and over	4.6	4.7	5.0	5.5	6.1	6.3	6.5	6.6	7.0	7.1	7.2	7.0	6.5
Women, 20 years and over	4.7	4.6	4.9	5.1	5.5	5.7	5.5	6.0	6.1	6.2	6.4	6.3	6.0
Both sexes, 16 to 19 years	14.7	14.8	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4	19.6
White	4.6	4.6	4.8	5.2	5.8	6.0	6.0	6.2	6.4	6.5	6.6	6.4	6.1
Black and other	9.7	9.3	10.6	11.0	10.9	11.1	11.0	11.5	12.4	12.8	12.8	12.7	12.3
Black	10.9	10.4	11.7	12.3	12.1	12.5	12.2	12.8	13.8	14.3	14.2	14.1	13.6
Hispanic origin	7.6	7.6	8.1	8.9	9.5	9.5	10.1	10.4	11.3	11.2	11.6	11.8	11.4
Married men, spouse present	3.2	3.2	3.4	3.8	4.3	4.4	4.4	4.5	4.9	5.0	5.3	4.9	4.6
Married women, spouse present	3.7	3.6	3.8	4.1	4.3	4.5	4.5	4.7	4.8	5.1	5.1	5.0	4.5
Women who maintain families	7.9	7.7	8.5	8.7	9.1	9.3	8.9	9.3	9.5	10.0	9.9	10.0	9.9
Full-time workers	4.9	4.9	5.2	5.7	6.2	6.4	6.5	6.7	7.0	7.2	7.3	7.0	6.7
Part-time workers	7.2	7.3	7.7	7.5	8.0	8.4	8.3	8.6	9.0	9.1	9.2	9.4	9.1
Unemployed 15 weeks and over ¹	1.1	1.1	1.3	1.4	1.6	1.8	1.9	2.2	2.5	2.6	2.8	2.8	2.5
Labor force time lost ²	5.9	6.0	6.3	6.8	7.4	7.5	7.7	7.9	8.2	8.3	8.4	8.2	7.9
OCCUPATION³													
Managerial and professional specialty	1.9	2.0	2.2	2.3	2.6	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.3
Technical, sales, and administrative support	4.0	3.9	4.3	4.6	4.9	5.2	5.0	5.4	5.6	5.8	6.0	5.9	5.3
Precision production, craft, and repair	5.2	5.3	6.1	7.0	7.4	7.8	8.3	8.4	9.3	8.8	8.6	8.7	8.0
Operators, fabricators, and laborers	8.3	8.3	8.3	9.6	10.6	10.7	10.3	10.4	11.1	11.2	11.2	10.5	10.0
Farming, forestry, and fishing	6.0	6.3	6.5	6.2	7.9	7.2	7.5	7.9	7.7	7.8	8.4	8.5	8.6
INDUSTRY													
Nonagricultural private wage and salary workers	5.4	5.4	5.7	6.2	6.8	7.0	7.0	7.3	7.6	7.7	7.9	7.6	7.2
Goods-producing industries	6.5	6.5	6.9	7.9	8.7	9.1	9.0	9.2	9.5	9.8	10.1	9.4	8.8
Mining	5.4	4.2	4.2	5.2	6.5	7.8	8.7	8.6	7.7	8.3	9.2	6.4	6.8
Construction	9.4	10.5	11.3	13.6	14.5	15.0	15.9	16.4	17.1	16.9	17.1	15.4	14.4
Manufacturing	5.7	5.3	5.8	6.4	7.2	7.5	7.0	7.2	7.4	7.8	8.1	7.8	7.2
Durable goods	5.5	5.3	5.9	6.5	7.7	7.9	7.2	7.1	7.5	7.8	8.4	8.3	7.1
Nondurable goods	6.0	5.4	5.6	6.1	6.5	6.8	6.8	7.2	7.3	7.8	7.7	7.2	7.5
Service-producing industries	4.9	5.0	5.2	5.5	5.9	6.2	6.2	6.5	6.8	6.9	7.0	6.9	6.6
Transportation and public utilities	3.7	3.6	4.0	4.2	4.9	5.4	5.1	5.7	5.5	5.1	5.6	5.9	4.8
Wholesale and retail trade	6.1	6.2	6.3	6.9	7.4	7.5	7.7	7.8	8.3	8.4	8.7	8.0	7.9
Finance and service industries	4.3	4.4	4.7	4.8	5.1	5.4	5.4	5.7	6.0	6.1	6.0	6.3	6.0
Government workers	2.4	2.5	2.8	2.8	3.2	3.1	3.2	3.5	3.7	3.5	3.4	3.5	3.6
Agricultural wage and salary workers	9.6	9.6	9.5	10.1	12.4	11.2	11.2	11.7	11.2	12.3	13.2	12.8	12.3

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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
DURATION													
Less than 5 weeks	3,140	3,105	3,164	3,284	3,444	3,427	3,332	3,325	3,243	3,381	3,314	3,118	3,202
5 to 14 weeks	2,042	2,136	2,221	2,441	2,692	2,767	2,701	2,747	2,760	2,717	2,823	2,730	2,511
15 weeks and over	1,384	1,374	1,565	1,747	1,994	2,254	2,400	2,739	3,135	3,284	3,539	3,538	3,177
15 to 26 weeks	744	731	839	962	1,088	1,218	1,257	1,396	1,441	1,357	1,463	1,484	1,301
27 weeks and over	640	643	726	785	906	1,036	1,144	1,343	1,694	1,927	2,076	2,054	1,877
Average (mean) duration, in weeks	11.9	11.8	12.3	12.4	12.7	13.4	14.1	15.0	16.7	17.8	18.4	18.9	18.1
Median duration, in weeks	5.1	5.1	5.5	5.9	6.2	6.7	7.2	7.7	8.1	8.7	8.9	9.4	8.3
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	47.8	46.9	45.5	44.0	42.4	40.6	39.5	37.7	35.5	36.0	34.3	33.2	36.0
5 to 14 weeks	31.1	32.3	32.0	32.7	33.1	32.8	32.0	31.2	30.2	29.0	29.2	29.1	28.2
15 weeks and over	21.1	20.8	22.5	23.4	24.5	26.7	28.5	31.1	34.3	35.0	36.6	37.7	35.7
15 to 26 weeks	11.3	11.1	12.1	12.9	13.4	14.4	14.9	15.8	15.8	14.5	15.1	15.8	14.6
27 weeks and over	9.7	9.7	10.5	10.5	11.1	12.3	13.6	15.2	18.5	20.5	21.5	21.9	21.1

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

(Numbers in thousands)

Reasons for unemployment	1990				1991				1992				1993
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
NUMBER OF UNEMPLOYED													
Job losers	3,079	3,110	3,359	3,811	4,385	4,567	4,692	4,864	5,126	5,395	5,438	5,279	4,769
On layoff	968	949	1,022	1,151	1,332	1,330	1,191	1,233	1,236	1,250	1,295	1,221	1,051
Other job losers	2,111	2,160	2,337	2,661	3,053	3,237	3,501	3,631	3,890	4,145	4,143	4,058	3,717
Job leavers	1,029	1,041	985	1,006	1,007	1,016	934	966	948	1,006	992	954	988
Reentrants	1,805	1,816	1,918	2,000	2,030	2,127	2,054	2,140	2,229	2,199	2,264	2,212	2,231
New entrants	674	611	652	676	693	742	767	809	827	905	948	881	926
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	46.7	47.3	48.6	50.9	54.0	54.0	55.5	55.4	56.1	56.8	56.4	56.6	53.5
On layoff	14.7	14.4	14.8	15.4	16.4	15.7	14.1	14.0	13.5	13.2	13.4	13.1	11.8
Other job losers	32.0	32.8	33.8	35.5	37.6	38.3	41.4	41.4	42.6	43.6	43.0	43.5	41.7
Job leavers	15.6	15.8	14.2	13.4	12.4	12.0	11.1	11.0	10.4	10.6	10.3	10.2	11.1
Reentrants	27.4	27.6	27.7	26.7	25.0	25.2	24.3	24.4	24.4	23.1	23.5	23.7	25.0
New entrants	10.2	9.3	9.4	9.0	8.5	8.8	9.1	9.2	9.1	9.5	9.8	9.4	10.4
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.5	2.5	2.7	3.0	3.5	3.6	3.7	3.9	4.1	4.2	4.3	4.1	3.7
Job leavers .....	.8	.8	.8	.8	.8	.8	.7	.8	.8	.8	.8	.7	.8
Reentrants	1.4	1.5	1.5	1.6	1.6	1.7	1.6	1.7	1.8	1.7	1.8	1.7	1.8
New entrants .....	.5	.5	.5	.5	.6	.6	.6	.6	.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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
TOTAL													
Total not in labor force	62,767	63,053	63,479	63,658	64,120	64,133	64,759	64,778	64,634	64,283	64,443	64,978	65,516
Do not want a job now	57,345	57,537	58,201	58,022	58,385	58,739	58,939	58,832	58,399	58,156	58,227	58,956	59,115
Current activity:													
Going to school	6,409	6,608	6,895	6,727	6,627	6,842	6,963	6,788	6,821	6,641	6,594	6,836	6,756
Ill, disabled	4,703	5,030	5,073	5,066	4,972	4,894	5,006	5,093	5,060	4,973	5,193	5,177	5,396
Keeping house	24,032	23,424	23,518	23,486	23,295	23,430	23,176	22,767	22,176	22,077	21,459	21,108	21,345
Retired	18,183	18,411	18,538	18,581	19,041	19,098	19,405	19,579	19,734	19,947	20,395	20,893	20,843
Other activity	4,017	4,063	4,178	4,163	4,451	4,475	4,388	4,605	4,609	4,519	4,586	4,942	4,775
Want a job now	5,433	5,622	5,320	5,551	5,651	5,564	5,807	5,966	6,068	6,291	6,147	6,209	6,378
Reason not looking:													
School attendance	1,404	1,425	1,388	1,424	1,424	1,358	1,517	1,434	1,493	1,763	1,494	1,620	1,499
Ill health, disability	910	939	859	944	1,012	903	999	1,005	1,041	1,036	1,094	1,171	1,119
Home responsibilities	1,166	1,283	1,245	1,136	1,180	1,170	1,178	1,301	1,325	1,259	1,176	1,187	1,352
Think cannot get a job	777	863	818	967	982	952	1,050	1,112	1,077	1,118	1,126	1,084	1,134
Job-market factors	504	525	519	606	650	684	695	743	814	773	819	702	799
Personal factors	272	338	298	361	332	269	355	369	263	345	307	383	335
Other reasons ¹	1,177	1,111	1,011	1,080	1,053	1,181	1,063	1,113	1,133	1,115	1,257	1,147	1,273
Men													
Total not in labor force	21,155	21,341	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598	22,900
Do not want a job now	19,210	19,345	19,723	19,496	19,669	20,006	20,175	20,248	20,041	19,794	20,066	20,447	20,397
Want a job now	2,006	2,028	1,925	1,947	2,131	2,018	2,162	2,207	2,187	2,354	2,290	2,242	2,391
Reason not looking:													
School attendance	730	691	707	651	753	640	729	754	713	862	686	728	729
Ill health, disability	452	499	422	455	545	437	498	508	516	496	545	527	580
Think cannot get a job	335	353	385	399	406	416	467	451	475	527	523	489	539
Other reasons ¹	489	484	412	442	427	526	469	493	483	469	536	499	543
Women													
Total not in labor force	41,612	41,712	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381	42,616
Do not want a job now	38,135	38,192	38,478	38,526	38,716	38,733	38,763	38,584	38,358	38,363	38,161	38,509	38,718
Want a job now	3,428	3,594	3,395	3,604	3,520	3,546	3,645	3,759	3,881	3,937	3,857	3,967	3,987
Reason not looking:													
School attendance	674	734	681	774	671	718	789	680	779	901	808	892	770
Ill health, disability	458	440	437	489	467	466	502	497	525	540	550	644	539
Home responsibilities	1,166	1,283	1,245	1,136	1,180	1,170	1,178	1,301	1,325	1,259	1,176	1,187	1,352
Think cannot get a job	442	510	433	567	576	537	583	661	602	591	603	595	595
Other reasons ¹	688	627	599	638	626	656	594	621	650	646	720	648	730
White													
Total not in labor force	52,944	53,124	53,278	53,557	53,789	53,764	54,253	54,230	54,067	53,941	54,089	54,418	54,611
Do not want a job now	49,127	49,073	49,304	49,594	49,649	49,989	50,057	49,964	49,543	49,484	49,551	49,946	50,000
Want a job now	3,954	4,010	3,882	3,907	4,108	3,854	4,254	4,309	4,413	4,486	4,572	4,553	4,610
Reason not looking:													
School attendance	952	967	978	906	997	917	1,093	1,012	1,077	1,174	1,054	1,185	1,021
Ill health, disability	660	681	652	724	726	636	766	759	722	792	825	899	779
Home responsibilities	840	937	917	822	881	840	873	913	968	910	895	869	975
Think cannot get a job	563	613	562	616	667	617	720	747	733	751	808	693	797
Other reasons ¹	938	812	773	838	837	844	801	879	913	859	991	907	1,039
Black													
Total not in labor force	7,662	7,748	7,927	7,881	7,957	8,021	8,114	8,199	8,099	8,034	7,970	8,170	8,295
Do not want a job now	6,393	6,479	6,662	6,421	6,693	6,639	6,761	6,791	6,671	6,582	6,566	6,730	6,887
Want a job now	1,298	1,308	1,235	1,402	1,288	1,435	1,366	1,343	1,467	1,483	1,371	1,375	1,459
Reason not looking:													
School attendance	374	382	330	427	336	365	397	333	351	456	389	349	367
Ill health, disability	211	229	185	195	212	251	219	227	262	220	246	248	266
Home responsibilities	290	280	327	277	276	275	257	314	322	296	252	263	332
Think cannot get a job	199	189	213	277	269	303	282	269	337	317	284	308	302
Other reasons ¹	224	227	181	227	195	241	211	199	194	194	220	207	192

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason and sex	Total		Age							
	1992	1993	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			1992	1993	1992	1993	1992	1993	1992	1993
TOTAL										
Total not in labor force	65,470	66,389	7,022	6,993	4,399	4,299	21,260	21,832	32,790	33,265
Do not want a job now	59,211	59,847	5,797	5,803	3,622	3,417	17,670	18,101	32,122	32,526
Current activity:										
Going to school	8,451	8,384	5,265	5,262	2,153	2,028	1,026	1,081	7	14
Ill, disabled	4,964	5,286	36	36	129	116	2,713	2,994	2,086	2,140
Keeping house	22,046	21,188	282	309	983	952	10,649	10,432	10,132	9,494
Retired	19,641	20,749	--	--	--	--	400	466	19,241	20,282
Other activity	4,108	4,240	214	196	357	321	2,882	3,128	655	595
Want a job now	6,260	6,542	1,225	1,191	777	882	3,590	3,731	668	739
Reason for not looking:										
School attendance	1,687	1,682	1,033	1,002	276	284	370	395	7	1
Ill health, disability	1,025	1,099	8	14	40	58	802	826	175	201
Home responsibility	1,306	1,336	57	67	215	231	997	989	36	49
Think cannot get a job	1,144	1,198	51	53	141	166	738	763	214	216
Job-market factors	873	855	29	29	125	141	620	585	98	99
Personal factors	271	343	22	24	16	24	117	178	116	117
Other reasons ¹	1,099	1,227	75	55	105	143	683	758	237	271
Men										
Total not in labor force	22,881	23,414	3,452	3,434	1,662	1,585	4,825	5,164	12,943	13,230
Do not want a job now	20,659	21,008	2,857	2,837	1,369	1,267	3,808	3,961	12,625	12,944
Current activity:										
Going to school	4,191	4,158	2,718	2,719	1,080	1,025	388	413	5	1
Ill, disabled	2,560	2,600	21	9	57	40	1,536	1,597	946	953
Keeping house	429	443	7	15	36	31	200	206	186	191
Retired	11,318	11,776	--	--	--	--	246	335	11,072	11,441
Other activity	2,162	2,032	111	93	196	171	1,438	1,410	417	357
Want a job now	2,223	2,406	594	598	293	319	1,017	1,203	318	286
Reason for not looking:										
School attendance	793	806	525	529	150	137	111	139	7	--
Ill health, disability	468	524	1	5	21	32	365	420	80	66
Think cannot get a job	500	560	28	27	81	82	288	336	104	115
Other reasons ¹	462	517	41	36	42	67	253	308	126	106
Women										
Total not in labor force	42,589	42,975	3,570	3,559	2,737	2,713	16,435	16,668	19,847	20,035
Do not want a job now	38,552	38,839	2,940	2,966	2,253	2,150	13,863	14,140	19,497	19,582
Current activity:										
Going to school	4,261	4,227	2,547	2,543	1,074	1,003	637	668	2	13
Ill, disabled	2,404	2,686	15	26	71	76	1,177	1,397	1,140	1,187
Keeping house	21,617	20,746	274	294	947	922	10,449	10,226	9,947	9,303
Retired	8,323	8,972	--	--	--	--	154	131	8,169	8,841
Other activity	1,947	2,208	103	103	161	150	1,445	1,718	238	238
Want a job now	4,037	4,136	630	593	484	563	2,572	2,528	351	453
Reason for not looking:										
School attendance	894	876	508	472	127	146	259	256	--	1
Ill health, disability	558	575	7	9	19	25	437	406	94	136
Home responsibility	1,305	1,336	57	67	215	231	997	989	36	49
Think cannot get a job	644	638	24	26	60	84	450	427	110	101
Other reasons	637	711	34	19	63	77	430	450	110	165

¹ Includes small number of men not looking for work because of "home responsibilities."
NOTE: Detail in tables A-54 and A-55 may not add to not-in-labor-

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason, race, and Hispanic origin	Total		Age						Sex			
	1992	1993	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
WHITE												
Total not in labor force	54,779	55,378	8,520	8,424	17,128	17,462	29,131	29,493	18,952	19,293	35,826	36,086
Do not want a job now	50,204	50,667	7,092	7,021	14,546	14,744	28,566	28,903	17,301	17,533	32,902	33,135
Current activity:												
Going to school	6,449	6,304	5,676	5,555	769	739	4	10	3,182	3,131	3,267	3,173
Ill, disabled	3,867	3,958	120	104	2,102	2,239	1,645	1,615	2,032	1,979	1,835	1,978
Keeping house	19,062	18,412	938	1,013	9,034	8,855	9,089	8,544	283	301	18,778	18,111
Retired	17,574	18,620	--	--	337	412	17,237	18,207	10,160	10,579	7,414	8,041
Other activity	3,253	3,374	358	349	2,304	2,499	591	526	1,644	1,542	1,609	1,832
Want a job now	4,547	4,743	1,390	1,415	2,602	2,728	555	599	1,659	1,774	2,888	2,969
Reason for not looking:												
School attendance	1,217	1,162	952	904	258	257	7	1	594	541	623	621
Ill health, disability	741	802	31	51	569	612	141	140	352	397	389	405
Home responsibility	956	966	167	188	761	730	29	49	--	--	956	966
Think cannot get a job	761	822	116	137	474	529	171	157	318	410	443	413
Other reasons ¹	872	990	125	136	540	601	207	252	395	426	477	564
BLACK												
Total not in labor force	8,273	8,481	2,253	2,224	3,099	3,261	2,922	2,996	3,058	3,180	5,216	5,301
Do not want a job now	6,799	7,019	1,732	1,671	2,236	2,466	2,832	2,882	2,575	2,700	4,225	4,319
Current activity:												
Going to school	1,357	1,491	1,242	1,298	115	194	--	--	650	703	707	788
Ill, disabled	948	1,158	44	39	512	658	392	461	457	539	491	619
Keeping house	2,188	1,996	279	190	1,094	1,063	815	744	120	109	2,068	1,887
Retired	1,610	1,660	--	--	45	46	1,564	1,614	911	932	698	727
Other activity	696	715	166	144	470	506	60	64	436	418	260	297
Want a job now	1,474	1,462	521	553	863	795	90	114	483	480	991	982
Reason for not looking:												
School attendance	391	411	303	300	87	112	--	--	164	188	227	223
Ill health, disability	250	249	12	20	210	178	28	51	99	100	150	150
Home responsibility	312	319	94	103	214	216	5	--	--	--	312	319
Think cannot get a job	339	303	65	75	234	184	40	44	162	118	177	185
Other reasons ¹	182	179	47	55	117	106	18	18	58	73	124	106
HISPANIC ORIGIN												
Total not in labor force	5,124	5,341	1,374	1,412	2,407	2,456	1,343	1,473	1,531	1,561	3,593	3,781
Do not want a job now	4,405	4,645	1,134	1,134	1,941	2,058	1,331	1,452	1,245	1,266	3,160	3,379
Current activity:												
Going to school	814	786	734	730	80	57	--	--	387	381	427	405
Ill, disabled	427	469	26	10	271	299	130	160	225	234	201	235
Keeping house	2,175	2,222	310	306	1,327	1,461	538	455	35	37	2,141	2,185
Retired	655	832	--	--	17	18	638	814	399	484	256	349
Other activity	334	334	64	89	247	223	24	22	199	130	135	204
Want a job now	793	739	260	239	478	459	54	41	320	261	472	479
Reason for not looking:												
School attendance	191	156	144	125	45	31	2	--	80	71	111	85
Ill health, disability	104	103	3	5	96	83	6	15	62	51	42	52
Home responsibility	202	221	38	48	156	168	7	4	--	--	202	221
Think cannot get a job	164	131	49	28	89	86	26	17	88	65	77	65
Other reasons ¹	131	129	26	32	93	91	13	5	91	74	41	55

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	1st 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	125	2	--	28	94	107	10	6
Lacks education or training	114	11	12	85	6	72	26	22
Other personal handicap	105	11	12	65	17	83	19	2
Job-market factors:								
Could not find work	491	15	109	321	46	307	150	75
Thinks no job available	363	14	32	264	52	254	97	26
Men								
Personal factors:								
Employers think too young or old	52	--	--	13	38	46	4	4
Lacks education or training	35	1	3	27	4	25	1	7
Other personal handicap	71	11	6	40	13	59	11	--
Job-market factors:								
Could not find work	263	13	64	157	29	176	74	38
Thinks no job available	140	2	9	99	30	105	28	16
Women								
Personal factors:								
Employers think too young or old	73	2	--	15	56	61	6	1
Lacks education or training	79	9	9	58	2	47	25	15
Other personal handicap	35	--	6	24	4	24	8	2
Job-market factors:								
Could not find work	228	2	45	164	17	131	77	37
Thinks no job available	224	13	23	166	22	150	69	10

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Work-seeking intentions, work history, and sex	Total		Age						Race			
	| 1992	| 1993	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			| 1992	| 1993	| 1992	| 1993	| 1992	| 1993	| 1992	| 1993	| 1992	| 1993
TOTAL												
Do not intend to seek work	54,946	55,728	6,036	5,999	16,805	17,184	32,105	32,545	46,668	47,243	6,321	6,562
Intend to seek work in the next 12 months	10,524	10,661	5,385	5,293	4,455	4,649	685	719	8,083	8,167	1,952	1,919
Never worked	1,913	1,940	1,674	1,703	225	232	13	5	1,317	1,332	478	479
Last worked over 5 years ago	1,136	1,226	52	52	888	969	196	205	819	868	295	279
Last worked 1 to 5 years ago	2,515	2,631	752	715	1,561	1,685	201	231	1,845	1,954	568	558
Worked during the previous 12 months	4,960	4,865	2,906	2,823	1,779	1,763	275	279	4,102	4,014	611	603
Men												
Do not intend to seek work	18,740	19,201	2,543	2,469	3,586	3,844	12,612	12,888	15,713	16,023	2,371	2,513
Intend to seek work in the next 12 months	4,141	4,213	2,571	2,550	1,239	1,320	331	342	3,248	3,284	687	667
Never worked	894	821	837	782	52	39	5	--	645	586	200	170
Last worked over 5 years ago	246	263	13	13	134	183	99	66	173	154	72	86
Last worked 1 to 5 years ago	784	831	244	246	453	471	87	114	566	634	175	151
Worked during the previous 12 months	2,218	2,297	1,478	1,509	600	627	140	161	1,863	1,910	240	261
Women												
Do not intend to seek work	36,206	36,527	3,493	3,530	13,219	13,340	19,493	19,657	30,955	31,220	3,950	4,049
Intend to seek work in the next 12 months	6,383	6,449	2,813	2,742	3,215	3,329	354	378	4,835	4,884	1,265	1,252
Never worked	1,019	1,119	838	921	173	193	8	5	671	746	278	309
Last worked over 5 years ago	891	963	39	39	754	785	97	139	645	714	223	193
Last worked 1 to 5 years ago	1,732	1,799	509	469	1,109	1,214	114	117	1,279	1,320	393	407
Worked during the previous 12 months	2,742	2,567	1,428	1,313	1,180	1,137	135	117	2,239	2,104	371	342

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-58. Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL								
Civilian noninstitutional population	190,888	192,796	162,223	163,438	21,828	22,186	15,066	15,542
Civilian labor force	125,418	126,407	107,444	108,060	13,555	13,705	9,942	10,200
Percent of population	65.7	65.6	66.2	66.1	62.1	61.8	66.0	65.6
Employed	115,484	116,755	99,795	100,718	11,633	11,794	8,756	8,961
Agriculture	2,809	2,746	2,635	2,571	119	116	366	427
Nonagricultural industries	112,675	114,008	97,159	98,147	11,514	11,678	8,390	8,534
Unemployed	9,934	9,652	7,649	7,342	1,922	1,911	1,187	1,240
Unemployment rate	7.9	7.6	7.1	6.8	14.2	13.9	11.9	12.2
Not in labor force	65,470	66,389	54,779	55,378	8,273	8,481	5,124	5,341
Men, 16 years and over								
Civilian noninstitutional population	91,165	92,214	78,100	78,806	9,824	10,005	7,479	7,721
Civilian labor force	68,284	68,800	59,147	59,514	6,766	6,824	5,948	6,160
Percent of population	74.9	74.6	75.7	75.5	68.9	68.2	79.5	79.8
Employed	62,217	63,028	54,385	55,036	5,675	5,766	5,177	5,390
Agriculture	2,193	2,188	2,044	2,042	105	100	324	390
Nonagricultural industries	60,025	60,840	52,341	52,993	5,569	5,667	4,852	4,999
Unemployed	6,067	5,772	4,763	4,478	1,092	1,058	771	770
Unemployment rate	8.9	8.4	8.1	7.5	16.1	15.5	13.0	12.5
Not in labor force	22,881	23,414	18,952	19,293	3,058	3,180	1,531	1,561
Men, 20 years and over								
Civilian noninstitutional population	84,535	85,554	72,762	73,466	8,794	8,967	6,730	6,955
Civilian labor force	65,105	65,575	56,406	56,757	6,390	6,450	5,570	5,787
Percent of population	77.0	76.6	77.5	77.3	72.7	71.9	82.8	83.2
Employed	59,785	60,531	52,218	52,818	5,449	5,555	4,925	5,135
Agriculture	2,093	2,061	1,948	1,923	102	94	313	366
Nonagricultural industries	57,692	58,470	50,270	50,894	5,347	5,461	4,611	4,769
Unemployed	5,320	5,044	4,188	3,939	941	896	646	651
Unemployment rate	8.2	7.7	7.4	6.9	14.7	13.9	11.6	11.3
Not in labor force	19,430	19,979	16,356	16,709	2,404	2,516	1,160	1,169
Women, 16 years and over								
Civilian noninstitutional population	99,723	100,582	84,123	84,632	12,004	12,181	7,587	7,821
Civilian labor force	57,134	57,607	48,297	48,546	6,789	6,880	3,995	4,040
Percent of population	57.3	57.3	57.4	57.4	56.6	56.5	52.6	51.7
Employed	53,267	53,726	45,410	45,682	5,959	6,028	3,579	3,571
Agriculture	616	558	591	529	14	16	42	37
Nonagricultural industries	52,651	53,168	44,819	45,154	5,945	6,011	3,538	3,534
Unemployed	3,867	3,880	2,887	2,864	830	852	415	470
Unemployment rate	6.8	6.7	6.0	5.9	12.2	12.4	10.4	11.6
Not in labor force	42,589	42,975	35,826	36,086	5,216	5,301	3,593	3,781
Women, 20 years and over								
Civilian noninstitutional population	93,196	94,081	78,913	79,443	10,957	11,135	6,862	7,075
Civilian labor force	54,178	54,665	45,758	46,021	6,474	6,558	3,727	3,786
Percent of population	58.1	58.1	58.0	57.9	59.1	58.9	54.3	53.5
Employed	50,834	51,330	43,269	43,552	5,755	5,832	3,376	3,386
Agriculture	585	530	561	502	14	15	40	34
Nonagricultural industries	50,249	50,800	42,708	43,049	5,741	5,817	3,336	3,352
Unemployed	3,343	3,335	2,490	2,469	719	726	352	401
Unemployment rate	6.2	6.1	5.4	5.4	11.1	11.1	9.4	10.6
Not in labor force	39,019	39,416	33,155	33,421	4,484	4,576	3,135	3,289
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,157	13,160	10,547	10,530	2,077	2,084	1,474	1,511
Civilian labor force	6,136	6,167	5,280	5,282	691	696	645	628
Percent of population	46.6	46.9	50.1	50.2	33.3	33.4	43.7	41.5
Employed	4,865	4,894	4,308	4,349	429	407	455	440
Agriculture	130	155	127	145	3	8	12	27
Nonagricultural industries	4,735	4,738	4,181	4,204	426	400	443	412
Unemployed	1,271	1,273	972	934	262	289	189	188
Unemployment rate	20.7	20.6	18.4	17.7	37.9	41.5	29.4	30.0
Not in labor force	7,022	6,993	5,268	5,248	1,386	1,389	829	883

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	
	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL								
Civilian noninstitutional population	15,066	15,542	9,166	9,478	1,633	1,614	897	972
Civilian labor force	9,942	10,200	6,099	6,305	932	932	550	574
Percent of population	66.0	65.6	66.5	66.5	57.0	57.7	61.3	59.1
Employed	8,756	8,961	5,378	5,547	797	785	492	528
Agriculture	366	427	332	366	4	11	5	6
Nonagricultural industries	8,390	8,534	5,046	5,180	793	774	487	522
Unemployed	1,187	1,240	721	758	134	147	58	46
Unemployment rate	11.9	12.2	11.8	12.0	14.4	15.7	10.5	8.1
Not in labor force	5,124	5,341	3,067	3,173	701	682	347	398
Men, 16 years and over								
Civilian noninstitutional population	7,479	7,721	4,692	4,848	740	724	433	465
Civilian labor force	5,948	6,160	3,775	3,951	527	510	316	333
Percent of population	79.5	79.8	80.5	81.5	71.2	70.5	72.8	71.7
Employed	5,177	5,390	3,294	3,470	437	422	284	305
Agriculture	324	390	292	333	4	10	5	6
Nonagricultural industries	4,852	4,999	3,001	3,138	433	412	279	299
Unemployed	771	770	481	480	90	88	32	29
Unemployment rate	13.0	12.5	12.7	12.2	17.1	17.3	10.1	8.6
Not in labor force	1,531	1,561	917	897	213	214	118	132
Men, 20 years and over								
Civilian noninstitutional population	6,730	8,955	4,192	4,344	663	626	400	435
Civilian labor force	5,570	5,787	3,495	3,888	504	468	302	314
Percent of population	82.8	83.2	83.4	84.9	76.0	74.8	75.5	72.3
Employed	4,925	5,135	3,107	3,281	421	402	275	291
Agriculture	313	366	284	311	4	10	5	6
Nonagricultural industries	4,611	4,769	2,824	2,970	416	392	270	286
Unemployed	646	651	388	407	83	66	27	22
Unemployment rate	11.6	11.3	11.1	11.0	16.5	14.2	9.0	7.2
Not in labor force	1,160	1,169	697	656	159	158	98	121
Women, 16 years and over								
Civilian noninstitutional population	7,587	7,821	4,474	4,631	893	890	464	507
Civilian labor force	3,995	4,040	2,325	2,354	404	422	234	241
Percent of population	52.6	51.7	52.0	50.8	45.3	47.4	50.5	47.5
Employed	3,579	3,571	2,084	2,076	360	363	208	223
Agriculture	42	37	40	34	—	1	1	—
Nonagricultural industries	3,536	3,534	2,045	2,043	360	362	208	223
Unemployed	415	470	240	278	44	59	26	18
Unemployment rate	10.4	11.6	10.3	11.8	11.0	13.9	11.0	7.4
Not in labor force	3,593	3,781	2,150	2,276	488	468	230	266
Women, 20 years and over								
Civilian noninstitutional population	6,862	7,075	3,985	4,125	799	801	439	477
Civilian labor force	3,727	3,786	2,133	2,168	385	402	223	231
Percent of population	54.3	53.5	53.5	52.6	48.2	50.2	50.7	48.4
Employed	3,376	3,386	1,940	1,938	346	350	199	216
Agriculture	40	34	38	32	—	1	1	—
Nonagricultural industries	3,336	3,352	1,901	1,907	346	349	198	216
Unemployed	352	401	193	230	39	52	24	14
Unemployment rate	9.4	10.6	9.1	10.6	10.2	12.9	10.8	6.3
Not in labor force	3,135	3,289	1,852	1,957	414	399	216	246
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,474	1,511	990	1,010	171	187	58	60
Civilian labor force	645	628	471	449	43	61	25	29
Percent of population	43.7	41.5	47.6	44.5	24.9	33.0	(²)	48.7
Employed	455	440	331	327	30	33	19	20
Agriculture	12	27	10	24	—	—	—	—
Nonagricultural industries	443	412	321	304	30	33	19	20
Unemployed	189	188	140	122	12	28	6	9
Unemployment rate	29.4	30.0	29.7	27.1	(²)	46.0	(²)	(²)
Not in labor force	829	883	518	561	129	125	33	31

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	
	1992	1993	1992	1993	1992	1993	1992	1993
CHARACTERISTIC								
Total (all civilian workers)	115,484	116,755	99,795	100,718	11,633	11,794	8,756	8,961
Men	62,217	63,028	54,385	55,036	5,675	5,766	5,177	5,390
Women	53,267	53,726	45,410	45,682	5,959	6,028	3,579	3,571
OCCUPATION								
Managerial and professional specialty	31,115	32,110	28,026	28,780	1,915	2,089	1,224	1,200
Executive, administrative, and managerial	14,803	15,204	13,505	13,776	832	932	647	617
Professional specialty	16,312	16,906	14,521	15,003	1,083	1,157	576	583
Technical, sales, and administrative support	36,612	36,365	31,982	31,693	3,361	3,370	2,250	2,343
Technicians and related support	4,171	4,064	3,572	3,478	377	411	188	206
Sales occupations	13,575	13,844	12,234	12,453	864	923	786	838
Administrative support, including clerical	18,866	18,457	16,176	15,762	2,121	2,036	1,277	1,299
Service occupations	15,937	16,261	12,474	12,778	2,805	2,790	1,797	1,766
Private household	775	837	595	646	149	155	143	162
Protective service	2,140	2,200	1,685	1,773	394	377	149	156
Service, except private household and protective	13,021	13,224	10,194	10,359	2,262	2,258	1,506	1,448
Precision production, craft, and repair	12,550	12,559	11,253	11,266	943	939	1,111	1,149
Mechanics and repairers	4,312	4,211	3,862	3,797	349	319	327	332
Construction trades	4,366	4,508	3,989	4,143	291	286	388	443
Other precision production, craft, and repair	3,872	3,841	3,402	3,326	303	334	396	373
Operators, fabricators, and laborers	16,398	16,631	13,433	13,614	2,436	2,435	1,952	2,000
Machine operators, assemblers, and inspectors	7,351	7,349	5,966	5,971	1,075	1,027	967	1,031
Transportation and material moving occupations	4,720	4,811	3,905	3,970	716	713	399	388
Handlers, equipment cleaners, helpers, and laborers	4,327	4,471	3,562	3,673	645	696	587	581
Construction laborers	569	570	487	469	70	86	98	106
Other handlers, equipment cleaners, helpers, and laborers	3,758	3,901	3,075	3,203	576	610	488	482
Farming, forestry, and fishing	2,871	2,828	2,626	2,588	173	170	421	502
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,429	1,371	1,307	1,233	92	98	306	366
Self-employed workers	1,300	1,269	1,252	1,232	27	18	59	61
Unpaid family workers	79	106	77	106	1	-	-	-
Nonagricultural industries:								
Wage and salary workers	104,020	105,090	89,241	90,029	11,103	11,226	7,929	8,060
Government	17,918	18,613	14,585	15,096	2,682	2,779	1,073	1,091
Private industries	86,102	86,477	74,657	74,932	8,421	8,447	6,856	6,969
Private households	993	1,008	744	776	212	189	177	199
Other industries	85,109	85,469	73,913	74,156	8,209	8,257	6,679	6,771
Self-employed workers	8,425	8,695	7,710	7,925	408	444	447	460
Unpaid family workers	230	224	208	193	3	7	14	13
FULL- AND PART-TIME STATUS¹								
Full-time schedules	92,460	93,706	79,690	80,616	9,520	9,649	7,023	7,221
Part time for economic reasons	6,648	6,448	5,472	5,257	941	951	806	782
Part time for noneconomic reasons	16,376	16,601	14,632	14,845	1,173	1,194	927	957

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	
	1992	1993	1992	1993	1992	1993	1992	1993
CHARACTERISTIC								
Total (all civilian workers)	8,756	8,961	5,378	5,547	797	785	492	528
Men	5,177	5,390	3,294	3,470	437	422	284	305
Women	3,579	3,571	2,084	2,076	360	363	208	223
OCCUPATION								
Managerial and professional specialty	1,224	1,200	614	614	143	135	121	111
Executive, administrative, and managerial	647	617	325	300	82	67	77	67
Professional specialty	576	583	288	314	62	68	44	43
Technical, sales, and administrative support	2,250	2,343	1,270	1,391	257	249	163	167
Technicians and related support	188	206	102	117	17	20	17	11
Sales occupations	786	838	451	506	78	75	65	60
Administrative support, including clerical	1,277	1,299	717	768	162	154	82	97
Service occupations	1,797	1,766	1,069	1,029	160	172	62	78
Private household	143	162	73	82	2	4	-	3
Protective service	149	156	72	81	39	31	10	6
Service, except private household and protective	1,506	1,448	923	866	119	136	52	69
Precision production, craft, and repair	1,111	1,149	706	770	97	79	56	59
Mechanics and repairers	327	332	200	210	35	31	18	19
Construction trades	388	443	260	310	29	17	19	24
Other precision production, craft, and repair	396	373	245	250	33	31	19	16
Operators, fabricators, and laborers	1,952	2,000	1,350	1,315	134	142	82	102
Machine operators, assemblers, and inspectors	967	1,031	661	659	75	72	32	41
Transportation and material moving occupations	399	381	268	242	32	32	24	39
Handlers, equipment cleaners, helpers, and laborers	587	588	420	414	27	38	27	21
Construction laborers	98	106	72	77	4	3	5	3
Other handlers, equipment cleaners, helpers, and laborers	488	482	348	338	23	35	22	19
Farming, forestry, and fishing	421	502	370	428	7	9	9	11
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	306	366	285	329	4	9	3	1
Self-employed workers	59	61	46	37	-	1	2	4
Unpaid family workers	-	-	-	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	7,929	8,060	4,796	4,924	766	750	444	474
Government	1,073	1,091	645	675	145	146	54	42
Private industries	6,856	6,969	4,151	4,249	621	603	389	432
Private households	177	199	98	109	2	7	-	3
Other industries	6,679	6,771	4,053	4,140	619	596	389	429
Self-employed workers	447	460	242	248	25	24	42	47
Unpaid family workers	14	13	8	8	2	1	2	1
FULL- AND PART-TIME STATUS²								
Full-time schedules	7,023	7,221	4,262	4,431	672	661	405	437
Part time for economic reasons	806	782	527	514	50	44	30	37
Part time for noneconomic reasons	927	957	589	601	76	80	57	54

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	
	1992	1993	1992	1993	1992	1993	1992	1993
Total, 16 years and over	115,484	116,755	99,795	100,718	11,633	11,794	8,756	8,961
16 to 19 years	4,865	4,894	4,308	4,349	429	407	455	440
16 to 17 years	1,745	1,791	1,581	1,618	115	132	130	116
18 to 19 years	3,120	3,103	2,727	2,731	314	275	326	324
20 to 24 years	11,783	11,803	10,142	10,120	1,243	1,256	1,258	1,250
25 years and over	98,836	100,058	85,345	86,249	9,962	10,131	7,043	7,271
25 to 54 years	84,201	85,478	72,425	73,376	8,659	8,859	6,305	6,602
55 years and over	14,635	14,580	12,920	12,874	1,302	1,272	737	669
Men, 16 years and over	62,217	63,028	54,385	55,036	5,675	5,766	5,177	5,390
16 to 19 years	2,432	2,497	2,167	2,218	225	212	252	255
16 to 17 years	848	906	773	819	63	69	73	65
18 to 19 years	1,584	1,591	1,394	1,399	162	143	179	190
20 to 24 years	6,030	6,136	5,199	5,291	592	611	735	765
25 years and over	53,755	54,395	47,019	47,527	4,858	4,944	4,190	4,370
25 to 54 years	45,459	46,157	39,640	40,159	4,174	4,304	3,748	3,986
55 years and over	8,296	8,238	7,379	7,368	684	640	442	384
Women, 16 years and over	53,267	53,726	45,410	45,682	5,959	6,028	3,579	3,571
16 to 19 years	2,433	2,396	2,141	2,131	204	196	203	185
16 to 17 years	896	884	808	798	51	63	56	51
18 to 19 years	1,536	1,512	1,334	1,332	152	132	147	134
20 to 24 years	5,753	5,667	4,943	4,830	651	645	523	485
25 years and over	45,081	45,663	38,326	38,722	5,104	5,187	2,853	2,901
25 to 54 years	38,742	39,321	32,785	33,217	4,486	4,555	2,558	2,616
55 years and over	6,339	6,341	5,541	5,505	618	632	295	285

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	
	1992	1993	1992	1993	1992	1993	1992	1993
Total, 16 years and over	7.9	7.6	7.1	6.8	14.2	13.9	11.9	12.2
16 to 19 years	20.7	20.6	18.4	17.7	37.9	41.5	29.4	30.0
16 to 17 years	23.0	24.0	20.8	21.7	44.0	42.4	37.5	41.7
18 to 19 years	19.4	18.6	16.9	15.1	35.3	41.0	25.5	24.6
20 to 24 years	12.1	11.8	10.6	9.9	22.4	24.0	13.6	15.2
25 years and over	6.7	6.4	6.0	5.8	11.5	10.8	10.2	10.2
25 to 54 years	7.0	6.6	6.3	6.0	12.4	11.4	10.5	10.6
55 years and over	4.9	4.8	4.6	4.5	5.4	6.6	7.9	6.7
Men, 16 years and over	8.9	8.4	8.1	7.5	16.1	15.5	13.0	12.5
16 to 19 years	23.5	22.6	21.0	19.6	40.1	43.4	33.2	31.9
16 to 17 years	26.1	26.4	23.9	23.3	44.4	47.7	44.5	41.5
18 to 19 years	22.0	20.2	19.2	17.2	38.2	41.1	27.1	27.8
20 to 24 years	14.5	13.5	12.9	11.5	26.9	27.2	16.3	15.4
25 years and over	7.4	7.0	6.8	6.4	13.0	11.9	10.7	10.5
25 to 54 years	7.7	7.3	7.0	6.7	14.0	12.3	10.9	10.8
55 years and over	5.6	5.3	5.3	4.8	6.2	8.9	9.2	6.7
Women, 16 years and over	6.8	6.7	6.0	5.9	12.2	12.4	10.4	11.6
16 to 19 years	17.7	18.5	15.6	15.6	35.3	39.2	23.9	27.2
16 to 17 years	19.8	21.3	17.6	19.9	43.5	35.1	25.1	41.9
18 to 19 years	16.5	16.8	14.4	12.8	32.0	41.0	23.5	19.3
20 to 24 years	9.3	9.8	8.0	8.1	17.9	20.7	9.6	14.7
25 years and over	5.8	5.6	5.1	5.0	10.2	9.7	9.4	9.8
25 to 54 years	6.1	5.9	5.3	5.2	10.9	10.4	9.8	10.2
55 years and over	3.9	4.1	3.6	4.1	4.6	4.1	5.8	6.7

**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	
	1992	1993	1992	1993	1992	1993	1992	1993
DURATION								
Total, 16 years and over	9,934	9,652	7,649	7,342	1,922	1,911	1,187	1,240
Less than 5 weeks	3,235	3,199	2,506	2,460	618	600	431	445
5 to 14 weeks	3,227	2,933	2,496	2,289	607	533	364	366
15 weeks and over	3,472	3,520	2,648	2,594	697	778	392	430
15 to 26 weeks	1,697	1,552	1,316	1,193	324	309	206	215
27 weeks and over	1,775	1,968	1,332	1,400	373	469	186	215
Average (mean) duration, in weeks	17.0	18.4	16.6	17.8	18.3	20.3	15.6	16.5
Median duration, in weeks	9.1	9.3	9.0	9.1	9.5	10.5	8.3	8.7
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	32.6	33.1	32.8	33.5	32.1	31.4	36.3	35.9
5 to 14 weeks	32.5	30.4	32.6	31.2	31.6	27.9	30.7	29.5
15 weeks and over	35.0	36.5	34.6	35.3	36.3	40.7	33.0	34.6
15 to 26 weeks	17.1	16.1	17.2	16.3	16.9	16.2	17.4	17.3
27 weeks and over	17.9	20.4	17.4	19.1	19.4	24.5	15.7	17.3

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.

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	1992	1993	1992	1993	1992	1993	1992	1993
NUMBER OF UNEMPLOYED								
Total, 16 years and over	9,934	9,652	7,649	7,342	1,922	1,911	1,187	1,240
Job losers	6,050	5,640	4,785	4,434	1,070	997	759	746
On layoff	1,706	1,454	1,477	1,253	196	168	142	131
Other job losers	4,344	4,186	3,308	3,181	874	830	617	614
Job leavers	942	972	746	763	164	171	96	120
Reentrants	2,225	2,228	1,640	1,612	501	516	232	255
New entrants	717	812	477	533	187	226	100	119
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	60.9	58.4	62.6	60.4	55.7	52.2	63.9	60.1
On layoff	17.2	15.1	19.3	17.1	10.2	8.8	12.0	10.6
Other job losers	43.7	43.4	43.2	43.3	45.5	43.4	52.0	49.5
Job leavers	9.5	10.1	9.8	10.4	8.6	9.0	8.1	9.7
Reentrants	22.4	23.1	21.4	22.0	26.1	27.0	19.5	20.6
New entrants	7.2	8.4	6.2	7.3	9.7	11.8	8.4	9.6
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	4.8	4.5	4.5	4.1	7.9	7.3	7.6	7.3
Job leavers .....	.8	.8	.7	.7	1.2	1.2	1.0	1.2
Reentrants	1.8	1.8	1.5	1.5	3.7	3.8	2.3	2.5
New entrants .....	.6	.6	.4	.5	1.4	1.6	1.0	1.2

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

A-66. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	1992	1993	Total		Employed		Unemployed			
			1992	1993	1992	1993	Number		Percent of labor force	
							1992	1993	1992	1993
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,838	7,906	7,054	7,064	6,592	6,630	463	434	6.6	6.1
35 to 49 years	6,356	6,079	5,927	5,662	5,519	5,300	408	362	6.9	6.4
35 to 39 years	1,017	813	939	754	860	669	79	85	8.3	11.2
40 to 44 years	2,845	2,421	2,651	2,255	2,469	2,107	183	149	6.9	6.6
45 to 49 years	2,493	2,845	2,337	2,653	2,190	2,524	147	128	6.3	4.8
50 years and over	1,482	1,827	1,127	1,402	1,072	1,329	55	73	4.9	5.2
NONVETERANS										
Total, 35 to 49 years	18,991	19,977	17,707	18,555	16,482	17,357	1,225	1,198	6.9	6.5
35 to 39 years	8,610	8,916	8,116	8,374	7,522	7,805	594	569	7.3	6.8
40 to 44 years	6,049	6,576	5,629	6,103	5,252	5,750	376	354	6.7	5.8
45 to 49 years	4,332	4,485	3,962	4,078	3,707	3,802	255	275	6.4	6.8

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; published data

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

A-67. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin

(Numbers in thousands)

Employment status and age	Veterans						Nonveterans					
	White		Black		Hispanic origin		White		Black		Hispanic origin	
	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
Total, 35 to 49 years												
Civilian noninstitutional population	5,662	5,435	590	540	278	239	16,260	17,091	1,886	2,021	1,717	1,934
Civilian labor force	5,304	5,084	532	483	253	221	15,329	16,070	1,609	1,712	1,547	1,748
Employed	4,971	4,780	467	438	232	198	14,371	15,131	1,387	1,507	1,376	1,555
Unemployed	333	304	65	45	21	24	958	939	222	205	171	193
Unemployment rate	6.3	6.0	12.2	9.4	8.3	10.7	6.2	5.8	13.8	12.0	11.0	11.0
35 to 39 years												
Civilian noninstitutional population	863	675	141	123	53	37	7,423	7,683	842	886	779	902
Civilian labor force	803	629	124	111	47	35	7,076	7,290	722	774	708	833
Employed	734	560	116	97	42	30	6,614	6,844	607	669	625	743
Unemployed	69	68	8	14	5	5	462	446	115	105	83	91
Unemployment rate	8.5	10.8	6.2	12.5	(¹)	(¹)	6.5	6.1	16.0	13.5	11.7	10.9
40 to 44 years												
Civilian noninstitutional population	2,539	2,170	267	214	136	101	5,172	5,585	586	671	558	566
Civilian labor force	2,377	2,036	240	188	122	89	4,867	5,259	502	557	512	505
Employed	2,237	1,911	201	167	110	82	4,562	4,988	449	493	451	455
Unemployed	140	124	39	22	12	7	305	271	53	64	61	51
Unemployment rate	5.9	6.1	16.3	11.6	10.0	8.1	6.3	5.2	10.6	11.5	11.9	10.0
45 to 49 years												
Civilian noninstitutional population	2,261	2,590	182	202	89	101	3,665	3,823	459	463	380	466
Civilian labor force	2,124	2,420	168	184	84	97	3,386	3,521	384	381	327	409
Employed	2,000	2,308	150	174	80	86	3,195	3,299	331	345	300	357
Unemployed	124	112	18	10	4	11	191	223	53	36	26	52
Unemployment rate	5.8	4.6	10.8	5.3	4.6	11.7	5.6	6.3	13.8	9.5	8.1	12.6

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Type of family, race, and Hispanic origin	1992					1993				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	Percent of families:		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	66,372	6,956	30.4	69.6	60.6	67,095	6,732	31.4	68.6	59.8
With children under 18 years of age	32,149	3,797	34.9	65.1	56.6	32,526	3,734	35.2	64.8	56.5
Married-couple families	51,402	4,887	21.7	78.3	69.0	52,036	4,653	20.9	79.1	70.0
With children under 18 years of age	23,720	2,759	22.0	78.0	68.3	23,932	2,622	20.0	80.0	70.5
Families maintained by women	11,788	1,577	52.5	47.5	38.8	11,876	1,574	57.0	43.0	34.9
With children under 18 years of age	7,060	862	68.1	31.9	26.1	7,178	903	71.0	29.0	23.3
Families maintained by men	3,181	491	46.2	53.8	47.3	3,183	505	48.4	51.6	43.9
With children under 18 years of age	1,369	176	74.4	25.6	23.3	1,415	209	71.6	28.4	24.0
White										
Total families	56,584	5,425	27.8	72.2	63.2	57,010	5,184	28.6	71.4	62.3
With children under 18 years of age	26,568	2,961	31.5	68.5	59.7	26,805	2,861	31.3	68.7	59.5
Married-couple families	46,303	4,178	21.7	78.3	69.0	46,701	3,868	20.6	79.4	70.1
With children under 18 years of age	20,989	2,357	22.2	77.8	68.1	21,098	2,166	20.0	80.0	70.0
Families maintained by women	7,802	878	49.7	50.3	41.1	7,855	954	53.6	46.4	37.5
With children under 18 years of age	4,482	464	65.8	34.2	27.7	4,568	538	65.8	34.2	26.8
Families maintained by men	2,478	370	45.9	54.1	48.9	2,454	362	48.6	51.4	43.9
With children under 18 years of age	1,097	140	72.9	27.1	24.3	1,139	156	68.6	31.4	26.9
Black										
Total families	7,604	1,286	40.9	59.1	50.7	7,747	1,264	43.4	56.6	49.2
With children under 18 years of age	4,344	712	49.0	51.0	44.4	4,396	710	51.8	48.2	43.2
Married-couple families	3,450	544	21.3	78.7	69.3	3,552	575	23.1	76.9	68.5
With children under 18 years of age	1,767	310	20.0	80.0	70.0	1,789	333	21.0	79.0	72.1
Families maintained by women	3,594	643	56.6	43.4	36.2	3,620	572	62.8	37.2	30.9
With children under 18 years of age	2,361	372	70.4	29.6	25.0	2,377	336	78.6	21.4	18.2
Families maintained by men	559	98	45.9	54.1	42.9	575	117	48.7	51.3	43.6
With children under 18 years of age	216	31	(¹)	(¹)	(¹)	230	42	(¹)	(¹)	(¹)
Hispanic origin										
Total families	5,099	846	34.0	66.0	57.0	5,236	869	32.6	67.4	59.7
With children under 18 years of age	3,304	554	40.3	59.7	51.3	3,311	582	35.1	64.9	57.0
Married-couple families	3,421	565	28.3	71.7	61.9	3,569	593	25.1	74.9	66.4
With children under 18 years of age	2,253	402	31.1	68.9	59.0	2,307	438	26.9	73.1	64.6
Families maintained by women	1,262	193	50.3	49.7	40.9	1,241	193	51.3	48.7	42.0
With children under 18 years of age	868	120	65.8	34.2	29.2	822	116	60.7	39.3	34.2
Families maintained by men	415	89	36.0	64.0	59.6	426	83	43.4	56.6	51.8
With children under 18 years of age	184	32	(¹)	(¹)	(¹)	182	29	(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	I 1992				I 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	7,796	32.1	67.9	58.9	7,571	33.3	66.7	58.2
Husbands	2,219	35.0	65.0	51.3	2,070	34.6	65.4	51.6
With children under 18 years of age	1,360	39.1	60.9	46.5	1,245	37.1	62.9	47.5
Wives	1,469	22.3	77.7	71.9	1,420	19.0	81.0	75.5
With children under 18 years of age	881	21.9	78.1	72.6	838	16.6	83.4	78.2
Relatives in married-couple families	1,798	12.5	87.5	81.0	1,748	14.1	85.9	79.9
Women who maintain families	687	83.5	16.5	9.5	728	85.9	14.1	9.0
With children under 18 years of age	566	91.8	8.2	4.1	594	94.0	6.0	2.9
Relatives in families maintained by women	1,074	31.7	68.3	58.3	1,042	36.0	64.0	54.0
Men who maintain families	253	72.0	28.0	23.8	280	69.7	30.3	23.2
With children under 18 years of age	140	92.8	7.2	6.8	155	90.4	9.6	6.0
Relatives in families maintained by men	296	26.2	73.8	64.8	283	32.2	67.8	60.9
White								
Total unemployed in families ¹	5,987	29.7	70.3	61.5	5,726	30.8	69.2	60.4
Husbands	1,907	34.9	65.1	51.1	1,743	34.4	65.6	51.1
With children under 18 years of age	1,156	39.2	60.8	45.8	1,033	37.3	62.7	45.9
Wives	1,258	21.3	78.7	73.1	1,175	18.2	81.8	76.9
With children under 18 years of age	756	21.0	79.0	73.9	688	16.0	84.0	79.7
Relatives in married-couple families	1,464	12.5	87.5	81.8	1,373	13.7	86.3	80.8
Women who maintain families	375	78.8	21.2	12.0	417	82.8	17.2	10.7
With children under 18 years of age	304	89.4	10.6	5.2	329	92.4	7.6	3.7
Relatives in families maintained by women	571	30.4	69.6	60.3	623	34.5	65.5	55.0
Men who maintain families	198	70.6	29.4	24.8	197	69.9	30.1	21.7
With children under 18 years of age	111	92.0	8.0	7.5	113	88.3	11.7	8.0
Relatives in families maintained by men	215	25.3	74.7	69.7	199	33.1	66.9	62.0
Black								
Total unemployed in families ¹	1,515	41.3	58.7	50.1	1,519	43.4	56.6	49.2
Husbands	236	35.4	64.6	53.7	227	36.1	63.9	52.8
With children under 18 years of age	156	36.5	63.5	52.9	144	38.6	61.4	52.7
Wives	156	28.0	72.0	63.4	183	26.1	73.9	67.2
With children under 18 years of age	98	28.0	72.0	63.1	116	22.2	77.8	70.0
Relatives in married-couple families	274	12.7	87.3	77.2	300	16.6	83.4	76.6
Women who maintain families	285	91.2	8.8	6.4	284	91.3	8.7	5.0
With children under 18 years of age	244	95.3	4.7	3.0	244	96.1	3.9	1.8
Relatives in families maintained by women	459	33.3	66.7	56.9	393	38.8	61.2	52.9
Men who maintain families	41	(²)	(²)	(²)	68	70.4	29.6	27.0
With children under 18 years of age	24	(²)	(²)	(²)	33	(²)	(²)	(²)
Relatives in families maintained by men	64	31.9	68.1	53.2	63	31.5	68.5	54.5
Hispanic origin								
Total unemployed in families ¹	973	35.7	64.3	55.3	1,023	34.6	65.4	57.6
Husbands	277	48.6	51.4	38.9	278	44.5	55.5	43.8
With children under 18 years of age	213	52.8	47.2	34.0	225	45.5	54.5	42.6
Wives	170	24.7	75.3	64.4	189	20.3	79.7	73.4
With children under 18 years of age	119	25.1	74.9	64.9	134	23.2	76.8	71.9
Relatives in married-couple families	209	12.6	87.4	82.8	236	11.4	88.6	83.1
Women who maintain families	81	78.6	21.4	15.2	86	73.1	26.9	21.8
With children under 18 years of age	68	87.0	13.0	9.1	64	84.2	15.8	13.0
Relatives in families maintained by women	133	31.1	68.9	57.1	130	37.1	62.9	52.5
Men who maintain families	44	(²)	(²)	(²)	50	(²)	(²)	(²)
With children under 18 years of age	24	(²)	(²)	(²)	19	(²)	(²)	(²)
Relatives in families maintained by men	61	19.1	80.9	74.0	54	(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	1992				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	91,862	23.6	76.4	65.7	92,811	23.6	76.4	65.6
Husbands	37,610	27.9	72.1	54.5	37,997	27.9	72.1	54.5
With children under 18 years of age	21,221	29.9	70.1	49.4	21,461	30.5	69.5	48.9
Wives	28,963	10.8	89.2	84.5	29,516	10.9	89.1	84.5
With children under 18 years of age	15,335	7.2	92.8	89.3	15,513	7.5	92.5	89.1
Relatives in married-couple families	10,615	7.7	92.3	88.0	10,439	8.4	91.6	87.2
Women who maintain families	6,556	67.3	32.7	21.8	6,645	66.9	33.1	21.8
With children under 18 years of age	4,212	85.4	14.6	6.6	4,344	83.8	16.2	7.6
Relatives in families maintained by women	4,355	27.3	72.7	63.5	4,533	25.2	74.8	65.6
Men who maintain families	2,220	59.5	40.5	30.8	2,178	60.4	39.6	29.0
With children under 18 years of age	1,092	84.8	15.2	8.7	1,113	84.7	15.3	8.2
Relatives in families maintained by men	1,541	19.7	80.3	74.1	1,504	21.8	78.2	70.6
White								
Total employed in families ¹	79,826	22.8	77.2	66.1	80,444	22.7	77.3	66.1
Husbands	33,942	28.3	71.7	53.5	34,246	28.1	71.9	53.6
With children under 18 years of age	18,925	30.6	69.4	47.6	19,113	30.9	69.1	47.4
Wives	25,870	10.6	89.4	84.7	26,367	10.6	89.4	84.9
With children under 18 years of age	13,491	6.9	93.1	89.6	13,667	6.9	93.1	89.8
Relatives in married-couple families	9,302	7.6	92.4	88.2	9,081	8.2	91.8	87.5
Women who maintain families	4,552	65.3	34.7	23.0	4,578	64.4	35.6	22.8
With children under 18 years of age	2,888	84.6	15.4	6.3	2,969	82.4	17.6	7.4
Relatives in families maintained by women	3,191	27.5	72.5	63.3	3,305	26.1	73.9	65.0
Men who maintain families	1,774	59.8	40.2	30.4	1,748	61.8	38.2	26.9
With children under 18 years of age	896	84.0	16.0	8.7	926	84.8	15.2	7.4
Relatives in families maintained by men	1,194	18.7	81.3	75.0	1,118	20.6	79.4	72.1
Black								
Total employed in families ¹	8,717	32.0	68.0	60.3	8,830	33.0	67.0	59.5
Husbands	2,385	22.1	77.9	67.1	2,418	24.4	75.6	65.9
With children under 18 years of age	1,466	21.3	78.7	68.0	1,469	24.0	76.0	65.5
Wives	2,064	14.8	85.2	81.0	2,051	15.8	84.2	79.8
With children under 18 years of age	1,221	11.0	89.0	85.8	1,186	12.4	87.6	83.4
Relatives in married-couple families	882	9.6	90.4	84.9	892	10.4	89.6	84.4
Women who maintain families	1,788	73.3	26.7	18.4	1,835	74.6	25.4	18.0
With children under 18 years of age	1,209	87.1	12.9	7.0	1,253	87.5	12.5	8.0
Relatives in families maintained by women	1,014	27.4	72.6	64.1	1,053	24.3	75.7	65.6
Men who maintain families	347	61.0	39.0	29.8	319	59.9	40.1	32.7
With children under 18 years of age	155	89.1	10.9	8.5	154	84.0	16.0	11.9
Relatives in families maintained by men	236	30.3	69.7	64.7	262	33.5	66.5	57.4
Hispanic origin								
Total employed in families ¹	7,067	26.6	73.4	64.9	7,102	28.2	71.8	62.6
Husbands	2,622	35.1	64.9	52.1	2,732	36.7	63.3	50.6
With children under 18 years of age	1,872	38.3	61.7	48.4	1,923	39.5	60.5	47.5
Wives	1,691	11.0	89.0	84.0	1,734	12.3	87.7	82.2
With children under 18 years of age	1,130	9.9	90.1	85.9	1,185	11.2	88.8	84.0
Relatives in married-couple families	1,115	8.4	91.6	88.2	1,033	9.0	91.0	85.9
Women who maintain families	582	64.7	35.3	26.9	599	64.2	35.8	24.1
With children under 18 years of age	405	79.4	20.6	14.0	396	80.0	20.0	12.0
Relatives in families maintained by women	505	25.5	74.5	65.2	473	24.8	75.2	66.7
Men who maintain families	302	51.4	48.6	41.3	303	54.5	45.5	35.8
With children under 18 years of age	137	79.5	20.5	14.6	145	81.4	18.6	12.3
Relatives in families maintained by men	250	8.1	91.9	83.9	227	12.5	87.5	81.5

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

¹ Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

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

¹ Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is

either self-employed or in the Armed Forces.

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

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	1992	1993	1992	1993
SEX AND AGE				
Total, 16 years and over	82,466	82,929	\$447	\$460
Men, 16 years and over	46,485	46,691	507	513
16 to 24 years	4,856	4,950	291	289
25 years and over	41,629	41,741	541	552
Women, 16 years and over	35,981	36,239	381	395
16 to 24 years	4,091	3,940	273	283
25 years and over	31,891	32,299	399	413
FAMILY RELATIONSHIP				
Husbands	30,223	30,459	576	586
Wives	19,237	19,516	391	408
Women who maintain families	5,156	5,080	377	377
Men who maintain families	1,701	1,568	454	466
Other persons in families:				
Men	5,443	5,484	309	315
Women	3,802	3,716	293	301
All other men ¹	9,117	9,180	467	469
All other women ¹	7,787	7,927	406	417
RACE, HISPANIC ORIGIN, AND SEX				
White	70,382	70,546	464	476
Men	40,320	40,434	520	529
Women	30,062	30,112	389	401
Black	9,312	9,394	362	374
Men	4,633	4,658	390	396
Women	4,679	4,736	332	349
Hispanic origin	6,717	6,811	323	324
Men	4,153	4,271	353	345
Women	2,564	2,540	295	304

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	
	1 1992	1 1993	1 1992	1 1993
SEX AND AGE				
Total, 16 years and over	19,497	19,899	\$127	\$130
Men, 16 years and over	6,401	6,604	118	121
16 to 24 years	3,305	3,381	98	100
25 years and over	3,096	3,224	154	158
Women, 16 years and over	13,095	13,294	133	135
16 to 24 years	3,955	4,001	96	97
25 years and over	9,140	9,293	154	156
FAMILY RELATIONSHIP				
Husbands	1,760	1,900	160	168
Wives	6,717	6,832	160	160
Women who maintain families	1,063	1,106	140	145
Men who maintain families	187	183	123	174
Other persons in families:				
Men	3,162	3,280	99	99
Women	3,342	3,364	92	92
All other men ¹	1,292	1,242	137	147
All other women ¹	1,974	1,992	130	139
RACE, HISPANIC ORIGIN, AND SEX				
White	16,942	17,249	128	130
Men	5,407	5,516	118	120
Women	11,535	11,733	134	135
Black	1,841	1,855	122	123
Men	715	756	120	124
Women	1,127	1,099	123	123
Hispanic origin	1,441	1,432	126	128
Men	641	599	132	123
Women	800	833	122	131

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY DATA**

A-75. Median weekly earnings of full-time wage and salary workers by occupation and sex

Occupation and sex	Number of workers (in thousands)		Median weekly earnings	
	1992	1993	1992	1993
TOTAL				
Managerial and professional specialty	23,323	23,993	\$646	\$666
Executive, administrative, and managerial	11,372	11,609	644	659
Professional specialty	11,952	12,384	648	673
Technical, sales, and administrative support	25,636	25,026	407	416
Technicians and related support	3,528	3,360	508	537
Sales occupations	7,650	7,460	435	450
Administrative support, including clerical	14,458	14,207	380	390
Service occupations	9,003	9,182	283	293
Private household	273	266	151	182
Protective service	1,807	1,966	484	502
Service, except private household and protective	6,923	6,950	260	268
Precision production, craft, and repair	10,067	9,956	495	501
Mechanics and repairers	3,654	3,599	498	517
Construction trades	2,988	2,966	498	488
Other precision production, craft, and repair	3,426	3,391	488	491
Operators, fabricators, and laborers	13,216	13,541	352	359
Machine operators, assemblers, and inspectors	6,481	6,771	341	340
Transportation and material moving occupations	3,658	3,617	414	444
Handlers, equipment cleaners, helpers, and laborers	3,077	3,153	308	308
Farming, forestry, and fishing	1,220	1,231	269	261
Men				
Managerial and professional specialty	12,124	12,352	770	784
Executive, administrative, and managerial	6,485	6,520	779	785
Professional specialty	5,639	5,832	760	782
Technical, sales, and administrative support	9,674	9,318	516	527
Technicians and related support	1,942	1,794	588	627
Sales occupations	4,516	4,337	522	529
Administrative support, including clerical	3,216	3,186	476	489
Service occupations	4,423	4,666	336	350
Private household	6	15	(¹)	(¹)
Protective service	1,580	1,664	491	511
Service, except private household and protective	2,837	2,987	283	285
Precision production, craft, and repair	9,287	9,125	507	513
Mechanics and repairers	3,526	3,469	498	516
Construction trades	2,962	2,944	499	489
Other precision production, craft, and repair	2,798	2,712	535	537
Operators, fabricators, and laborers	9,920	10,145	391	395
Machine operators, assemblers, and inspectors	3,974	4,125	410	398
Transportation and material moving occupations	3,419	3,376	418	454
Handlers, equipment cleaners, helpers, and laborers	2,527	2,644	314	314
Farming, forestry, and fishing	1,057	1,085	275	267
Women				
Managerial and professional specialty	11,199	11,642	556	580
Executive, administrative, and managerial	4,886	5,089	518	543
Professional specialty	6,313	6,552	582	596
Technical, sales, and administrative support	15,963	15,708	366	375
Technicians and related support	1,586	1,566	449	466
Sales occupations	3,134	3,122	318	335
Administrative support, including clerical	11,242	11,020	363	373
Service occupations	4,580	4,516	244	258
Private household	267	251	149	180
Protective service	227	302	399	413
Service, except private household and protective	4,086	3,963	245	258
Precision production, craft, and repair	780	831	323	323
Mechanics and repairers	128	130	496	544
Construction trades	25	22	(¹)	(¹)
Other precision production, craft, and repair	627	678	310	308
Operators, fabricators, and laborers	3,296	3,396	273	289
Machine operators, assemblers, and inspectors	2,507	2,647	268	284
Transportation and material moving occupations	239	240	332	378
Handlers, equipment cleaners, helpers, and laborers	550	509	275	289
Farming, forestry, and fishing	164	146	240	230

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Total United States		Metropolitan areas					
	1992	1993	Total		Central cities		Suburbs	
			1992	1993	1992	1993	1992	1993
TOTAL								
Civilian noninstitutional population	190,888	192,796	148,774	149,843	57,734	58,164	91,040	91,678
Civilian labor force	125,418	126,407	99,186	99,460	37,308	37,315	61,879	62,145
Percent of population	65.7	65.6	66.7	66.4	64.6	64.2	68.0	67.8
Employed	115,484	116,755	91,432	91,905	33,872	33,958	57,560	57,947
Unemployed	9,934	9,652	7,754	7,555	3,436	3,357	4,318	4,198
Unemployment rate	7.9	7.6	7.8	7.6	9.2	9.0	7.0	6.8
Not in labor force	65,470	66,389	49,588	50,363	20,427	20,849	29,161	29,534
Men, 20 years and over								
Civilian noninstitutional population	84,535	85,554	65,791	66,478	25,072	25,376	40,719	41,101
Civilian labor force	65,105	65,575	51,423	51,640	19,170	19,149	32,253	32,491
Percent of population	77.0	76.6	78.2	77.7	76.5	75.5	79.2	79.0
Employed	59,785	60,531	47,278	47,662	17,330	17,386	29,948	30,276
Unemployed	5,320	5,044	4,145	3,978	1,840	1,763	2,305	2,215
Unemployment rate	8.2	7.7	8.1	7.7	9.6	9.2	7.1	6.8
Not in labor force	19,430	19,979	14,368	14,838	5,903	6,227	8,466	8,611
Women, 20 years and over								
Civilian noninstitutional population	93,196	94,081	72,944	73,418	28,780	28,962	44,164	44,457
Civilian labor force	54,178	54,665	43,078	43,194	16,461	16,467	26,616	26,727
Percent of population	58.1	58.1	59.1	58.8	57.2	56.9	60.3	60.1
Employed	50,834	51,330	40,432	40,591	15,275	15,320	25,157	25,270
Unemployed	3,343	3,335	2,646	2,603	1,186	1,147	1,460	1,457
Unemployment rate	6.2	6.1	6.1	6.0	7.2	7.0	5.5	5.5
Not in labor force	39,019	39,416	29,866	30,224	12,319	12,495	17,547	17,729
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,157	13,160	10,039	9,947	3,882	3,826	6,157	6,120
Civilian labor force	6,136	6,167	4,686	4,626	1,677	1,699	3,009	2,927
Percent of population	46.6	46.9	46.7	46.5	43.2	44.4	48.9	47.8
Employed	4,865	4,894	3,722	3,652	1,267	1,251	2,456	2,401
Unemployed	1,271	1,273	963	974	410	448	553	526
Unemployment rate	20.7	20.6	20.6	21.1	24.5	26.4	18.4	18.0
Not in labor force	7,022	6,993	5,354	5,321	2,205	2,127	3,148	3,194
White								
Civilian noninstitutional population	162,223	163,438	124,337	124,793	42,690	42,666	81,647	82,128
Civilian labor force	107,444	108,060	83,601	83,590	28,134	27,982	55,488	55,607
Percent of population	66.2	66.1	67.2	67.0	65.9	65.6	67.9	67.7
Employed	99,795	100,718	77,825	78,015	25,993	25,904	51,832	52,111
Unemployed	7,649	7,342	5,776	5,574	2,140	2,078	3,636	3,496
Unemployment rate	7.1	6.8	6.9	6.7	7.6	7.4	6.6	6.3
Not in labor force	54,779	55,378	40,736	41,204	14,557	14,683	26,179	26,521
Black								
Civilian noninstitutional population	21,828	22,186	18,443	18,762	12,136	12,452	6,307	6,310
Civilian labor force	13,555	13,705	11,659	11,745	7,307	7,382	4,352	4,364
Percent of population	62.1	61.8	63.2	62.6	60.2	59.3	69.0	69.2
Employed	11,633	11,794	9,973	10,111	6,169	6,282	3,804	3,829
Unemployed	1,922	1,911	1,886	1,835	1,138	1,100	548	535
Unemployment rate	14.2	13.9	14.5	13.9	15.6	14.9	12.6	12.3
Not in labor force	8,273	8,481	6,784	7,017	4,829	5,070	1,955	1,947
Hispanic origin								
Civilian noninstitutional population	15,066	15,542	13,999	14,372	7,935	8,055	6,064	6,317
Civilian labor force	9,942	10,200	9,268	9,457	5,068	5,084	4,200	4,373
Percent of population	66.0	65.6	66.2	65.8	63.9	63.1	69.3	69.2
Employed	8,756	8,961	8,154	8,306	4,452	4,430	3,702	3,876
Unemployed	1,186	1,240	1,114	1,151	616	654	498	497
Unemployment rate	11.9	12.2	12.0	12.2	12.2	12.9	11.9	11.4
Not in labor force	5,124	5,341	4,731	4,915	2,867	2,971	1,864	1,945

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Nonmetropolitan areas		Urban areas		Rural areas	
	1992	1993	1992	1993	1992	1993
	TOTAL					
Civilian noninstitutional population	42,114	42,953	138,804	140,006	52,084	52,790
Civilian labor force	26,232	26,947	91,534	91,958	33,884	34,449
Percent of population	62.3	62.7	65.9	65.7	65.1	65.3
Employed	24,052	24,850	84,141	84,677	31,343	32,078
Unemployed	2,179	2,097	7,392	7,281	2,542	2,372
Unemployment rate	8.3	7.8	8.1	7.9	7.5	6.9
Not in labor force	15,882	16,006	47,271	48,048	18,199	18,341
Men, 20 years and over						
Civilian noninstitutional population	18,743	19,077	60,661	61,451	23,874	24,104
Civilian labor force	13,682	13,935	46,913	47,205	18,192	18,370
Percent of population	73.0	73.0	77.3	76.8	76.2	76.2
Employed	12,507	12,869	43,034	43,412	16,751	17,119
Unemployed	1,175	1,066	3,879	3,793	1,440	1,251
Unemployment rate	8.6	7.7	8.3	8.0	7.9	6.8
Not in labor force	5,062	5,141	13,748	14,246	5,682	5,734
Women, 20 years and over						
Civilian noninstitutional population	20,253	20,663	68,768	69,327	24,428	24,754
Civilian labor force	11,100	11,471	40,222	40,431	13,955	14,234
Percent of population	54.8	55.5	58.5	58.3	57.1	57.5
Employed	10,403	10,739	37,648	37,870	13,186	13,460
Unemployed	697	732	2,575	2,561	769	774
Unemployment rate	6.3	6.4	6.4	6.3	5.5	5.4
Not in labor force	9,153	9,192	28,546	28,897	10,473	10,520
Both sexes, 16 to 19 years						
Civilian noninstitutional population	3,118	3,214	9,375	9,228	3,782	3,932
Civilian labor force	1,450	1,541	4,398	4,322	1,737	1,845
Percent of population	46.5	47.9	46.9	46.8	45.9	46.9
Employed	1,143	1,242	3,460	3,396	1,405	1,498
Unemployed	307	299	938	926	332	347
Unemployment rate	21.2	19.4	21.3	21.4	19.1	18.8
Not in labor force	1,668	1,673	4,977	4,906	2,045	2,087
White						
Civilian noninstitutional population	37,886	38,645	114,032	114,551	48,191	48,887
Civilian labor force	23,843	24,470	75,860	75,926	31,584	32,134
Percent of population	62.9	63.3	66.5	66.3	65.5	65.7
Employed	21,969	22,703	70,491	70,710	29,304	30,008
Unemployed	1,874	1,768	5,369	5,216	2,280	2,126
Unemployment rate	7.9	7.2	7.1	6.9	7.2	6.6
Not in labor force	14,043	14,174	38,172	38,625	16,607	16,753
Black						
Civilian noninstitutional population	3,386	3,424	18,805	19,247	3,023	2,939
Civilian labor force	1,896	1,959	11,766	11,966	1,789	1,738
Percent of population	56.0	57.2	62.6	62.2	59.2	59.1
Employed	1,660	1,684	10,040	10,246	1,594	1,548
Unemployed	236	276	1,726	1,720	196	191
Unemployment rate	12.4	14.1	14.7	14.4	10.9	11.0
Not in labor force	1,490	1,465	7,040	7,281	1,234	1,201
Hispanic origin						
Civilian noninstitutional population	1,067	1,170	13,743	14,127	1,323	1,414
Civilian labor force	674	744	9,074	9,229	868	971
Percent of population	63.2	63.6	66.0	65.3	65.6	68.7
Employed	602	654	7,989	8,104	767	856
Unemployed	72	89	1,086	1,125	101	115
Unemployment rate	10.7	12.0	12.0	12.2	11.6	11.8
Not in labor force	393	426	4,669	4,898	455	443

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, race, and Hispanic origin	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL												
Civilian noninstitutional population	26,747	26,797	164,141	165,999	17,079	17,121	131,695	132,722	9,668	9,676	32,446	33,277
Civilian labor force	15,059	15,028	110,359	111,379	9,548	9,444	89,639	90,016	5,511	5,584	20,721	21,363
Percent of population	56.3	56.1	67.2	67.1	55.9	55.2	68.1	67.8	57.0	57.7	63.9	64.2
Employed	13,178	13,138	102,306	103,617	8,175	8,074	83,257	83,831	5,004	5,064	19,049	19,786
Unemployed	1,880	1,890	8,054	7,762	1,373	1,370	6,381	6,185	507	520	1,672	1,577
Unemployment rate	12.5	12.6	7.3	7.0	14.4	14.5	7.1	6.9	9.2	9.3	8.1	7.4
Men, 20 years and over	12.7	12.3	7.5	7.1	14.7	14.3	7.3	7.0	9.4	9.0	8.4	7.3
Women, 20 years and over	9.9	10.4	5.7	5.5	11.5	11.9	5.6	5.4	7.0	7.9	6.1	6.0
Both sexes, 16 to 19 years	32.0	31.4	19.1	19.0	36.3	36.5	18.8	19.1	24.7	22.8	20.4	18.6
Men	33.4	34.4	22.0	20.6	38.0	41.3	22.0	21.2	25.6	23.1	21.7	18.6
Women	30.3	27.5	16.1	17.2	34.3	30.5	15.3	16.8	23.5	22.3	19.0	18.6
Not in labor force	11,688	11,770	53,782	54,620	7,531	7,677	42,057	42,706	4,157	4,093	11,725	11,914
White												
Civilian noninstitutional population	16,415	16,389	145,808	147,049	9,065	9,094	115,272	115,699	7,350	7,295	30,536	31,350
Civilian labor force	9,564	9,536	97,880	98,524	5,267	5,235	78,334	78,355	4,297	4,302	19,546	20,169
Percent of population	58.3	58.2	67.1	67.0	58.1	57.6	68.0	67.7	58.5	59.0	64.0	64.3
Employed	8,626	8,586	91,169	92,132	4,674	4,625	73,151	73,390	3,952	3,960	18,018	18,742
Unemployed	938	951	6,711	6,391	593	609	5,183	4,965	345	341	1,528	1,426
Unemployment rate	9.8	10.0	6.9	6.5	11.3	11.6	6.6	6.3	8.0	7.9	7.8	7.1
Men, 20 years and over	10.1	10.0	7.1	6.6	11.7	11.6	6.9	6.5	8.3	8.0	8.1	7.0
Women, 20 years and over	7.4	8.2	5.3	5.1	8.7	9.6	5.1	5.0	5.9	6.6	5.8	5.7
Both sexes, 16 to 19 years	24.9	22.4	17.7	17.2	27.2	27.3	17.2	16.9	22.2	16.8	19.4	17.9
Men	27.5	26.4	20.3	18.7	31.0	34.5	20.2	18.8	23.4	16.5	20.5	18.3
Women	21.9	16.7	15.0	15.5	22.8	16.2	14.0	14.8	20.9	17.2	18.4	17.5
Not in labor force	6,851	6,853	47,927	48,525	3,798	3,860	36,938	37,344	3,053	2,993	10,990	11,181
Black												
Civilian noninstitutional population	9,289	9,313	12,539	12,873	7,262	7,247	11,181	11,515	2,027	2,066	1,359	1,358
Civilian labor force	4,945	4,889	8,610	8,816	3,881	3,769	7,779	7,976	1,064	1,120	831	840
Percent of population	53.2	52.5	68.7	68.5	53.4	52.0	69.6	69.3	52.5	54.2	61.2	61.8
Employed	4,075	4,021	7,558	7,773	3,144	3,061	6,829	7,050	931	960	729	723
Unemployed	870	867	1,052	1,043	736	708	950	927	134	159	102	117
Unemployment rate	17.6	17.7	12.2	11.8	19.0	18.8	12.2	11.6	12.6	14.2	12.3	13.9
Men, 20 years and over	18.5	17.6	12.6	11.9	20.2	19.0	12.7	11.7	12.3	12.9	11.6	13.3
Women, 20 years and over	13.8	14.2	9.6	9.4	14.7	14.8	9.5	9.1	10.5	12.0	10.2	12.2
Both sexes, 16 to 19 years	45.4	47.3	33.7	37.3	47.6	48.1	32.8	37.7	(¹)	44.3	(¹)	(¹)
Men	43.2	50.2	38.0	38.8	45.5	51.4	37.0	40.4	(¹)	(¹)	(¹)	(¹)
Women	48.8	44.2	29.1	35.3	50.5	44.8	28.5	34.2	(¹)	(¹)	(¹)	(¹)
Not in labor force	4,344	4,424	3,929	4,057	3,381	3,478	3,402	3,539	963	946	527	518
Hispanic origin												
Civilian noninstitutional population	4,435	4,564	10,631	10,978	4,056	4,181	9,943	10,190	379	382	689	787
Civilian labor force	2,484	2,600	7,458	7,600	2,269	2,366	6,999	7,090	215	234	459	510
Percent of population	56.0	57.0	70.2	69.2	55.9	56.6	70.4	69.6	56.7	61.2	66.7	64.7
Employed	2,149	2,193	6,607	6,768	1,957	1,996	6,197	6,310	192	197	410	458
Unemployed	335	407	851	833	312	370	802	781	23	37	49	52
Unemployment rate	13.5	15.7	11.4	11.0	13.8	15.6	11.5	11.0	10.8	16.0	10.7	10.2
Men, 20 years and over	13.0	14.5	11.1	10.1	13.1	14.3	11.0	10.2	12.0	17.4	11.7	8.7
Women, 20 years and over	11.3	14.3	8.9	9.4	11.6	14.4	9.0	9.3	7.8	13.8	7.2	10.3
Both sexes, 16 to 19 years	29.0	31.5	29.5	29.3	29.9	32.8	30.3	29.9	(¹)	(¹)	(¹)	(¹)
Men	33.5	39.4	33.1	28.7	34.5	40.1	34.7	29.5	(¹)	(¹)	(¹)	(¹)
Women	21.7	19.4	24.6	30.3	22.1	20.6	24.1	30.6	(¹)	(¹)	(¹)	(¹)
Not in labor force	1,951	1,963	3,173	3,378	1,787	1,815	2,944	3,100	164	148	229	278

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	4,061	2,298	6,077	1,675	4,697	2,254	(¹)	(¹)	
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,166	2,478	6,477	1,728	5,025	1,892	(¹)	(¹)	
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,612	6,659	1,800	5,181	1,863	(¹)	(¹)	
1949	43,754	37,897	17,565	930	2,194	14,441	26,189	4,001	2,610	6,654	1,828	5,239	1,908	(¹)	(¹)	
1950	45,197	39,170	18,506	901	2,364	15,241	26,691	4,034	2,643	6,743	1,888	5,356	1,928	(¹)	(¹)	
1951	47,819	41,430	19,959	929	2,637	16,393	27,860	4,226	2,735	7,007	1,956	5,547	2,302	(¹)	(¹)	
1952	48,793	42,185	20,198	898	2,668	16,632	28,595	4,248	2,821	7,184	2,035	5,699	2,420	(¹)	(¹)	
1953	50,202	43,556	21,074	866	2,659	17,549	29,128	4,290	2,862	7,385	2,111	5,835	2,305	(¹)	(¹)	
1954	48,990	42,238	19,751	791	2,646	16,314	29,239	4,084	2,875	7,360	2,200	5,969	2,188	(¹)	(¹)	
1955	50,641	43,727	20,513	792	2,839	16,882	30,128	4,141	2,934	7,601	2,298	6,240	2,187	1,168	3,558	
1956	52,369	45,091	21,104	822	3,039	17,243	31,266	4,244	3,027	7,831	2,389	6,497	2,209	1,250	3,819	
1957	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	53,258	45,186	20,411	732	3,004	16,675	32,857	4,011	3,092	8,035	2,549	7,087	2,233	1,484	4,366	
1960	54,189	45,836	20,434	712	2,926	16,796	33,755	4,004	3,153	8,238	2,628	7,378	2,270	1,536	4,547	
1961	53,999	45,404	19,857	672	2,859	16,326	34,142	3,903	3,142	8,195	2,688	7,619	2,279	1,607	4,708	
1962	55,549	46,660	20,451	650	2,948	16,853	35,098	3,906	3,207	8,359	2,754	7,982	2,340	1,668	4,881	
1963	56,653	47,429	20,640	635	3,010	16,995	36,013	3,903	3,258	8,520	2,830	8,277	2,358	1,747	5,121	
1964	58,283	48,686	21,005	634	3,097	17,274	37,278	3,951	3,347	8,812	2,911	8,660	2,348	1,856	5,392	
1965	60,765	50,689	21,926	632	3,232	18,062	38,839	4,036	3,477	9,239	2,977	9,036	2,378	1,996	5,700	
1966	63,901	53,116	23,158	627	3,317	19,214	40,743	4,158	3,608	9,637	3,058	9,498	2,564	2,141	6,080	
1967	65,803	54,413	23,308	613	3,248	19,447	42,495	4,268	3,700	9,906	3,185	10,045	2,719	2,302	6,371	
1968	67,897	56,058	23,737	606	3,350	19,781	44,160	4,318	3,791	10,308	3,337	10,567	2,737	2,442	6,660	
1969	70,384	58,189	24,361	619	3,575	20,167	46,023	4,442	3,919	10,785	3,512	11,169	2,758	2,533	6,904	
1970	70,880	58,325	23,578	623	3,588	19,367	47,302	4,515	4,006	11,034	3,645	11,548	2,731	2,664	7,158	
1971	71,214	58,331	22,935	609	3,704	18,623	48,278	4,476	4,014	11,338	3,772	11,797	2,696	2,747	7,437	
1972	73,675	60,341	23,668	628	3,889	19,151	50,007	4,541	4,127	11,822	3,908	12,276	2,684	2,859	7,790	
1973	76,790	63,058	24,893	642	4,097	20,154	51,897	4,656	4,291	12,315	4,046	12,857	2,663	2,923	8,146	
1974	78,265	64,095	24,794	697	4,020	20,077	53,471	4,725	4,447	12,539	4,148	13,441	2,724	3,039	8,407	
1975	76,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,430	12,630	4,165	13,892	2,748	3,179	8,758	
1976	79,382	64,511	23,352	779	3,576	18,997	56,030	4,582	4,562	13,193	4,271	14,551	2,733	3,273	8,865	
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,723	13,792	4,467	15,302	2,727	3,377	9,023	
1978	86,897	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	91,156	75,126	25,497	1,139	4,188	20,170	65,659	5,165	5,376	15,172	5,298	18,619	2,772	3,640	9,619	
1982	89,566	73,729	23,813	1,128	3,905	18,781	65,753	5,082	5,296	15,161	5,341	19,036	2,739	3,640	9,458	
1983	90,200	74,330	23,334	952	3,948	18,434	66,866	4,954	5,286	15,595	5,468	19,694	2,774	3,662	9,434	
1984	94,496	78,472	24,727	966	4,383	19,378	69,769	5,159	5,574	16,526	5,689	20,797	2,807	3,734	9,482	
1985	97,519	81,125	24,859	927	4,673	19,260	72,660	5,238	5,736	17,336	5,955	21,999	2,875	3,832	9,687	
1986	99,525	82,832	24,558	777	4,816	18,965	74,967	5,255	5,774	17,909	6,283	23,053	2,899	3,893	9,901	
1987	102,200	85,190	24,708	717	4,967	19,024	77,492	5,372	5,865	18,462	6,547	24,235	2,943	3,967	10,100	
1988	105,536	88,150	25,173	713	5,110	19,350	80,363	5,527	6,055	19,077	6,649	25,669	2,971	4,076	10,339	
1989	108,329	90,550	25,322	693	5,187	19,442	83,007	5,644	6,221	19,549	6,695	27,120	2,988	4,182	10,609	
1990	109,782	91,478	24,960	710	5,133	19,117	84,822	5,808	6,200	19,677	6,729	28,103	3,085	4,305	10,914	
1991	108,310	89,930	23,830	691	4,685	18,455	84,480	5,772	6,069	19,259	6,678	28,323	2,966	4,346	11,067	
1992	108,437	89,858	23,420	635	4,595	18,190	85,017	5,742	5,983	19,138	6,672	28,903	2,969	4,371	11,239	
Monthly data, seasonally adjusted																
1992:																
March	108,200	89,693	23,532	651	4,603	18,278	84,668	5,754	5,997	19,092	6,675	28,643	2,989	4,345	11,173	
April	108,377	89,835	23,530	646	4,605	18,279	84,847	5,746	5,993	19,177	6,682	28,707	2,986	4,360	11,196	
May	108,496	89,950	23,548	641	4,632	18,275	84,948	5,745	5,993	19,150	6,681	28,833	2,984	4,367	11,195	
June	108,423	89,885	23,470	634	4,600	18,236	84,953	5,745	5,988	19,156	6,672	28,854	2,972	4,357	11,209	
July	108,594	89,988	23,459	633	4,584	18,242	85,135	5,742	5,972	19,184	6,660	28,971	2,957	4,388	11,261	
August	108,485	89,803	23,362	626	4,591	18,145	85,123	5,729	5,964	19,106	6,661	28,981	2,959	4,383	11,340	
September	108,497	89,847	23,296	620	4,574	18,102	85,201	5,738	5,957	19,122	6,669	29,065	2,967	4,401	11,282	
October	108,571	89,948	23,270	623	4,601	18,046	85,301	5,731	5,969	19,146	6,680	29,152	2,942	4,390	11,291	
November	108,646	89,961	23,280	622	4,590	18,068	85,366	5,732	5,976	19,116	6,669	29,188	2,940	4,384	11,361	
December	108,752	90,067	23,263	619	4,582	18,062	85,489	5,742	5,970	19,162	6,677	29,253	2,971	4,389	11,325	
1993:																
January	108,865	90,201	23,267	616	4,559	18,092	85,598	5,763	5,995	19,227	6,682	29,267	2,943	4,394	11,327	
February ^p	109,232	90,546	23,368	604	4,652	18,112	85,884	5,765	6,004	19,363	6,680	29,366	2,938	4,395	11,353	
March ^p	109,210	90,536	23,303	607	4,593	18,103	85,907	5,772	6,006	19,356	6,673	29,426	2,916	4,395	11,363	

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1991) and all seasonally adjusted data (beginning January 1988) 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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Total		106,866	107,359	107,352	107,904	108,320	-	-	-	-	-
Total private		88,108	88,477	88,730	88,932	89,263	71,067	71,437	71,853	72,053	72,340
Mining		639	639	606	591	597	449	450	428	415	420
Metal mining	10	54.3	54.2	52.0	52.0	-	42.6	42.5	41.1	41.3	-
Iron ores	101	8.7	8.7	8.2	8.3	-	6.6	6.6	6.3	6.5	-
Copper ores	102	16.5	16.3	16.3	16.3	-	13.6	13.4	13.4	13.5	-
Coal mining	12	126.8	126.4	116.4	108.6	-	102.9	102.6	93.8	86.7	-
Bituminous coal and lignite mining	122	117.8	117.4	107.7	100.4	-	95.5	95.2	86.6	79.9	-
Oil and gas extraction	13	364.0	360.7	345.0	336.0	334.8	234.8	232.3	225.3	217.7	-
Crude petroleum and natural gas	131	184.8	184.7	168.4	165.1	-	93.8	93.8	83.8	82.1	-
Oil and gas field services	138	174.2	171.1	171.8	166.2	-	137.6	135.0	137.8	132.0	-
Nonmetallic minerals, except fuels	14	94.0	97.6	92.8	93.9	-	68.4	72.1	67.9	69.4	-
Crushed and broken stone	142	33.8	35.3	33.3	34.1	-	24.9	26.5	24.9	25.8	-
Sand and gravel	144	27.6	29.3	27.7	27.9	-	-	-	-	-	-
Chemical and fertilizer minerals	147	16.0	16.0	15.6	15.5	-	-	-	-	-	-
Construction		4,129	4,226	4,181	4,187	4,221	3,062	3,152	3,120	3,129	3,160
General building contractors	15	1,043.0	1,043.8	1,027.2	1,022.3	1,018.5	719.2	718.5	707.8	701.9	-
Residential building construction	152	516.3	518.7	519.1	516.8	-	342.6	344.3	344.2	340.6	-
Operative builders	153	29.3	29.6	29.0	28.9	-	11.4	11.8	12.7	12.5	-
Nonresidential building construction	154	497.4	495.5	479.1	476.6	-	365.2	362.4	350.9	348.8	-
Heavy construction, except building	16	596.7	633.0	581.4	597.7	-	474.9	509.4	464.4	481.4	-
Highway and street construction	161	148.7	164.2	142.8	151.9	-	112.1	126.2	106.1	115.1	-
Heavy construction, except highway	162	448.0	468.8	438.6	445.8	-	362.8	383.2	358.3	366.3	-
Special trade contractors	17	2,489.6	2,548.7	2,572.2	2,566.5	-	1,868.2	1,924.2	1,948.2	1,945.7	-
Plumbing, heating, and air conditioning	171	581.8	587.5	599.2	590.9	-	415.0	421.1	429.7	423.0	-
Painting and paper hanging	172	131.8	136.3	141.9	141.0	-	104.1	108.5	113.5	113.1	-
Electrical work	173	494.2	495.1	504.3	498.7	-	374.5	375.1	384.5	379.3	-
Masonry, stonework, and plastering	174	359.6	368.1	381.9	377.5	-	298.8	307.2	319.2	315.2	-
Carpentry and floor work	175	158.3	162.8	161.8	157.3	-	113.1	117.6	118.0	114.2	-
Roofing, siding, and sheet metal work	176	164.4	168.0	171.0	177.0	-	124.0	127.6	130.6	135.9	-
Manufacturing		18,117	18,122	17,939	17,936	17,939	12,242	12,263	12,185	12,194	12,211
Durable goods		10,340	10,348	10,185	10,176	10,180	6,822	6,843	6,782	6,784	6,798
Lumber and wood products	24	663.9	668.9	679.1	682.7	685.3	541.6	545.9	556.2	559.9	562.2
Logging	241	73.9	72.3	72.3	74.6	-	60.3	58.3	59.0	61.1	-
Sawmills and planing mills	242	180.4	181.3	177.1	177.3	-	156.1	156.9	153.1	153.4	-
Sawmills and planing mills, general	2421	145.3	146.1	141.8	142.1	-	125.4	126.2	122.4	122.7	-
Hardwood dimension and flooring mills	2426	32.6	32.6	33.1	32.9	-	28.6	28.6	28.9	28.7	-
Millwork, plywood, and structural members	243	233.8	236.3	244.6	244.6	-	185.1	187.6	194.9	195.5	-
Millwork	2431	98.9	100.5	103.1	102.7	-	76.4	77.9	79.7	79.9	-
Wood kitchen cabinets	2434	63.6	63.7	67.8	68.1	-	49.5	49.8	53.5	53.9	-
Hardwood veneer and plywood	2435	22.7	22.7	23.4	23.3	-	19.3	19.3	20.1	19.9	-
Softwood veneer and plywood	2436	27.0	27.2	27.0	27.2	-	24.1	24.3	24.3	24.5	-
Wood containers	244	42.4	42.9	41.9	42.3	-	35.4	36.1	35.4	35.6	-
Wood buildings and mobile homes	245	53.0	54.8	61.7	61.3	-	39.5	40.9	47.7	47.2	-
Mobile homes	2451	37.9	39.3	45.5	45.3	-	30.4	31.5	37.6	37.3	-
Miscellaneous wood products	249	80.4	81.3	81.5	82.6	-	65.2	66.1	66.1	67.1	-
Furniture and fixtures	25	461.2	463.4	462.3	462.7	463.2	362.7	365.2	365.1	365.5	365.9
Household furniture	251	266.4	268.7	266.9	267.2	-	221.0	223.3	222.8	223.1	-
Wood household furniture	2511	117.2	118.1	117.9	118.1	-	100.1	101.1	101.2	101.4	-
Upholstered household furniture	2512	87.3	87.8	88.1	88.1	-	72.3	72.7	73.4	73.6	-
Metal household furniture	2514	22.0	22.2	19.9	20.0	-	17.6	17.8	16.1	16.1	-
Mattresses and bedsprings	2515	27.3	27.9	28.2	28.6	-	20.7	21.2	21.5	21.9	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Durable goods—Continued											
Furniture and fixtures—Continued											
Office furniture	252	58.6	57.7	58.8	58.5	-	43.5	42.8	43.5	43.2	-
Public building and related furniture	253	31.7	32.1	32.1	32.1	-	25.0	25.4	25.4	25.4	-
Partitions and fixtures	254	71.0	71.4	72.0	72.4	-	51.1	51.6	51.9	52.4	-
Miscellaneous furniture and fixtures	259	33.5	33.5	32.5	32.5	-	22.1	22.1	21.5	21.4	-
Stone, clay, and glass products	32	497.4	504.4	498.0	504.1	506.2	380.9	388.3	381.5	387.5	389.6
Flat glass	321	16.2	16.4	16.1	15.6	-	12.6	12.9	12.5	12.2	-
Glass and glassware, pressed or blown	322	81.9	82.4	81.4	83.3	-	70.2	70.6	68.2	70.2	-
Glass containers	3221	37.7	37.4	36.8	37.0	-	34.1	33.7	32.9	33.2	-
Pressed and blown glass, nec	3229	44.2	45.0	44.6	46.3	-	36.1	36.9	35.3	37.0	-
Products of purchased glass	323	54.9	54.7	57.0	57.0	-	41.3	41.3	43.5	43.3	-
Cement, hydraulic	324	17.9	18.0	17.3	17.5	-	13.7	13.8	13.2	13.4	-
Structural clay products	325	31.3	31.7	32.2	32.4	-	23.7	24.3	24.7	24.9	-
Pottery and related products	326	37.0	37.1	37.0	37.0	-	29.0	29.0	28.9	29.0	-
Concrete, gypsum, and plaster products	327	171.5	176.9	171.0	174.0	-	126.6	132.1	126.8	129.9	-
Concrete block and brick	3271	15.2	15.8	15.6	15.6	-	9.5	9.9	9.8	9.7	-
Concrete products, nec	3272	59.7	60.9	57.8	58.7	-	43.9	44.9	42.4	43.4	-
Ready-mixed concrete	3273	80.2	83.8	81.1	83.1	-	60.6	64.5	61.5	63.7	-
Misc. nonmetallic mineral products	329	74.5	74.8	74.6	75.4	-	55.1	55.4	55.6	56.1	-
Abrasive products	3291	20.5	20.5	20.7	20.8	-	15.1	15.1	15.2	15.1	-
Asbestos products	3292	4.5	4.6	4.5	4.6	-	3.5	3.6	3.6	3.7	-
Mineral wool	3296	21.8	21.9	21.1	21.6	-	-	-	-	-	-
Primary metal industries	33	706.8	706.6	692.4	690.4	689.9	532.9	532.1	526.2	524.6	525.4
Blast furnaces and basic steel products	331	256.9	256.1	244.6	243.7	242.9	193.6	192.7	185.9	185.0	184.5
Blast furnaces and steel mills	3312	193.7	192.8	182.3	180.5	-	146.4	145.7	139.2	137.7	-
Steel pipe and tubes	3317	24.1	24.1	23.5	24.1	-	17.8	17.6	17.5	17.8	-
Iron and steel foundries	332	121.6	121.0	120.9	120.7	-	97.0	96.2	96.6	96.4	-
Gray and ductile iron foundries	3321	74.9	74.2	75.3	75.4	-	60.9	60.2	60.5	60.6	-
Malleable iron foundries	3322	7.5	7.5	7.3	7.2	-	5.9	5.9	6.0	5.9	-
Steel foundries, nec	3325	24.0	24.1	24.7	24.6	-	18.5	18.5	19.4	19.3	-
Primary nonferrous metals	333	42.6	42.4	42.9	42.6	-	32.5	32.3	32.6	32.2	-
Primary aluminum	3334	24.1	24.1	25.0	24.8	-	19.5	19.4	19.8	19.5	-
Nonferrous rolling and drawing	335	164.4	165.1	164.3	164.0	-	117.4	118.2	119.5	119.1	-
Copper rolling and drawing	3351	23.1	23.4	23.0	23.2	-	17.5	17.7	17.5	17.6	-
Aluminum sheet, plate, and foil	3353	27.3	27.2	26.1	25.9	-	18.3	18.2	17.5	17.4	-
Nonferrous wire drawing and insulating	3357	68.6	69.0	69.6	69.2	-	49.1	49.5	51.1	50.6	-
Nonferrous foundries (castings)	336	78.3	78.8	77.1	77.1	-	61.3	61.5	60.9	61.3	-
Aluminum foundries	3365	22.1	22.3	22.1	22.1	-	17.3	17.4	17.4	17.6	-
Fabricated metal products	34	1,329.7	1,329.6	1,322.0	1,321.5	1,321.4	972.0	973.1	972.2	971.1	971.5
Metal cans and shipping containers	341	46.4	46.6	44.0	44.5	-	39.8	40.2	37.8	38.4	-
Metal cans	3411	37.5	37.8	35.4	35.9	-	32.7	33.1	30.9	31.5	-
Cutlery, handtools, and hardware	342	121.7	121.7	122.1	122.2	-	90.2	90.0	90.7	90.6	-
Hand and edge tools, and blades and handsaws	3423,5	41.6	41.6	41.1	41.1	-	30.8	30.7	30.5	30.6	-
Hardware, nec	3429	68.5	68.5	69.7	69.6	-	51.5	51.3	52.4	52.2	-
Plumbing and heating, except electric	343	56.3	56.3	57.7	57.7	-	39.7	39.4	41.4	41.5	-
Plumbing fixture fittings and trim	3432	26.2	26.5	26.8	27.1	-	19.6	19.9	20.2	20.6	-
Heating equipment, except electric	3433	17.4	17.0	18.2	17.7	-	11.0	10.4	11.8	11.3	-
Fabricated structural metal products	344	392.5	391.7	387.9	387.2	-	274.0	274.1	273.4	272.4	-
Fabricated structural metal	3441	70.5	70.0	65.8	66.0	-	50.1	50.1	47.0	47.3	-
Metal doors, sash, and trim	3442	67.1	68.3	70.0	70.2	-	47.1	48.4	50.3	50.2	-
Fabricated plate work (boiler shops)	3443	103.7	101.8	99.6	99.2	-	69.6	68.0	67.3	66.9	-
Sheet metal work	3444	92.2	92.6	92.0	91.9	-	68.8	69.1	68.8	68.3	-
Architectural metal work	3446	25.6	25.5	24.5	24.4	-	17.4	17.3	17.0	17.0	-
Screw machine products, bolts, etc	345	88.5	88.6	87.9	87.7	-	67.1	67.3	67.3	67.0	-
Screw machine products	3451	43.2	43.6	44.1	44.2	-	35.0	35.4	35.9	35.8	-
Bolts, nuts, rivets, and washers	3452	45.3	45.0	43.8	43.5	-	32.1	31.9	31.4	31.2	-
Metal forgings and stampings	346	210.7	211.9	215.4	215.0	-	165.8	167.6	171.7	171.2	-
Iron and steel forgings	3462	30.0	29.6	29.2	29.3	-	22.6	22.3	22.1	22.3	-
Automotive stampings	3465	94.1	96.1	99.3	98.7	-	78.5	80.5	84.2	83.3	-
Metal stampings, nec	3469	76.0	75.8	76.5	76.8	-	57.1	57.1	57.8	58.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Metal services, nec	347	115.0	115.1	114.3	114.6	-	88.9	88.9	88.0	88.2	-
Plating and polishing	3471	71.0	70.8	71.0	71.3	-	54.8	54.6	54.5	54.7	-
Metal coating and allied services	3479	44.0	44.3	43.3	43.3	-	34.1	34.3	33.5	33.5	-
Ordnance and accessories, nec	348	67.9	67.7	62.8	62.4	-	41.0	40.5	36.2	35.8	-
Ammunition, except for small arms, nec	3483	41.5	41.3	37.6	37.2	-	22.5	22.0	19.0	18.8	-
Miscellaneous fabricated metal products	349	230.7	230.0	229.9	230.2	-	165.5	165.1	165.7	166.0	-
Valves and pipe fittings, nec	3494	28.1	28.0	27.1	27.2	-	19.7	19.6	19.7	19.8	-
Misc. fabricated wire products	3496	50.8	50.8	51.7	51.7	-	38.3	38.3	39.0	39.0	-
Industrial machinery and equipment	35	1,953.1	1,951.8	1,934.2	1,934.9	1,937.3	1,164.9	1,166.5	1,167.1	1,168.0	1,173.0
Engines and turbines	351	90.4	90.8	93.7	93.4	-	57.5	57.6	58.8	58.6	-
Turbines and turbine generator sets	3511	28.2	28.2	28.6	28.5	-	16.8	16.8	16.9	16.8	-
Internal combustion engines, nec	3519	62.2	62.6	65.1	64.9	-	40.7	40.8	41.9	41.8	-
Farm and garden machinery	352	100.9	100.7	99.2	102.1	-	73.7	73.4	71.3	74.0	-
Farm machinery and equipment	3523	71.7	71.9	70.6	72.6	-	50.8	50.9	48.8	50.7	-
Construction and related machinery	353	199.4	198.7	206.0	207.0	-	117.2	117.5	123.0	124.1	-
Construction machinery	3531	69.3	69.8	79.4	80.5	-	39.8	40.8	47.1	48.3	-
Mining machinery	3532	15.9	15.9	15.5	15.2	-	9.3	9.4	9.2	8.9	-
Oil and gas field machinery	3533	39.7	38.8	35.3	35.2	-	24.6	24.1	21.8	22.1	-
Conveyors and conveying equipment	3535	31.4	31.4	32.3	32.4	-	17.1	17.0	18.0	18.0	-
Industrial trucks and tractors	3537	24.9	24.9	25.5	25.7	-	16.2	16.3	17.0	16.9	-
Metalworking machinery	354	306.3	306.0	310.2	309.7	-	215.7	215.4	218.8	217.8	-
Machine tools, metal cutting types	3541	38.7	38.4	36.8	36.3	-	23.9	23.7	22.2	21.8	-
Machine tools, metal forming types	3542	16.5	16.3	16.3	16.2	-	9.8	9.7	10.2	10.1	-
Special dies, tools, jigs, and fixtures	3544	140.2	140.9	145.1	145.3	-	106.8	107.4	110.9	110.8	-
Machine tool accessories	3545	50.7	50.8	51.2	51.1	-	35.6	35.6	35.7	35.6	-
Power driven handtools	3546	21.3	21.1	21.6	21.6	-	14.5	14.3	14.7	14.7	-
Special industry machinery	355	144.6	144.4	143.0	142.2	-	82.2	82.1	82.3	81.8	-
Textile machinery	3552	16.8	16.8	17.3	17.2	-	11.2	11.1	11.4	11.5	-
Printing trades machinery	3555	22.3	22.0	20.0	19.9	-	11.0	11.0	11.0	10.8	-
Food products machinery	3556	22.0	22.0	22.6	22.4	-	12.8	12.8	13.2	13.3	-
General industrial machinery	356	234.3	234.0	230.7	231.0	-	148.7	148.7	146.8	146.9	-
Pumps and pumping equipment	3561	31.2	31.2	30.6	30.6	-	17.6	17.6	17.1	17.0	-
Ball and roller bearings	3562	38.9	38.9	37.0	37.0	-	30.8	30.9	29.7	29.6	-
Air and gas compressors	3563	24.6	24.7	24.5	24.7	-	13.7	13.8	13.6	13.7	-
Blowers and fans	3564	31.1	31.2	31.2	31.3	-	21.0	21.2	21.0	21.1	-
Speed changers, drives, and gears	3566	14.1	14.0	14.1	14.2	-	9.9	9.8	9.9	10.0	-
Power transmission equipment, nec	3568	18.7	18.7	18.9	19.0	-	12.3	12.3	12.5	12.5	-
Computer and office equipment	357	401.4	400.3	380.8	378.2	-	130.8	131.1	128.0	126.2	-
Electronic computers	3571	247.4	246.0	225.2	223.0	-	63.0	62.8	57.8	56.4	-
Computer terminals, calculators, and office machines, nec	3575,8,9	59.4	59.4	57.7	57.4	-	25.1	26.0	26.1	25.9	-
Refrigeration and service machinery	358	170.0	172.0	170.6	171.2	-	118.0	120.0	118.9	119.3	-
Refrigeration and heating equipment	3585	116.9	118.5	116.1	116.7	-	84.6	86.5	85.0	85.3	-
Misc. industrial and commercial machinery	359	305.8	304.9	300.0	300.1	-	221.1	220.7	219.2	219.3	-
Carburetors, pistons, rings, valves	3592	22.1	22.4	22.0	21.8	-	17.9	18.1	17.7	17.4	-
Scales, balances, and industrial machinery, nec	3596,9	239.1	238.2	234.6	235.3	-	177.7	177.2	176.2	177.0	-
Electronic and other electrical equipment	36	1,557.2	1,550.2	1,538.3	1,536.4	1,537.9	982.8	981.9	978.8	978.7	983.2
Electric distribution equipment	361	87.7	87.3	86.3	85.6	-	60.1	59.9	59.5	59.1	-
Transformers, except electronic	3612	45.1	45.2	44.6	44.1	-	31.5	31.7	31.5	31.2	-
Switchgear and switchboard apparatus	3613	42.6	42.1	41.7	41.5	-	28.6	28.2	28.0	27.9	-
Electrical industrial apparatus	362	158.6	158.4	156.1	156.3	-	111.3	111.5	109.4	109.5	-
Motors and generators	3621	78.2	78.3	77.9	78.1	-	60.2	60.4	60.3	60.4	-
Relays and industrial controls	3625	62.0	61.8	59.6	59.6	-	38.3	38.3	36.1	36.0	-
Household appliances	363	118.0	119.2	119.4	120.3	-	94.2	95.0	94.4	95.4	-
Household refrigerators and freezers	3632	27.5	28.3	27.0	27.3	-	22.2	23.0	22.9	23.1	-
Household laundry equipment	3633	20.4	20.4	20.0	19.8	-	15.6	15.4	15.0	15.0	-
Electric housewares and fans	3634	28.7	28.9	29.7	29.8	-	22.2	22.4	22.6	22.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
		Durable goods—Continued									
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment	364	173.4	173.0	173.5	173.2	-	125.0	124.9	124.9	124.8	-
Electric lamps	3641	20.9	21.0	21.0	20.7	-	17.6	17.7	17.2	16.8	-
Current-carrying wiring devices	3643	67.1	66.5	65.7	65.9	-	44.6	44.2	43.6	43.8	-
Noncurrent-carrying wiring devices	3644	16.2	15.9	16.3	16.4	-	11.5	11.3	11.8	11.8	-
Residential lighting fixtures	3645	20.4	20.6	20.6	21.0	-	15.5	15.6	15.5	15.9	-
Household audio and video equipment	365	83.4	82.9	84.6	82.9	-	55.7	55.4	56.0	54.7	-
Household audio and video equipment	3651	61.0	60.5	59.4	57.8	-	39.3	38.9	37.7	36.2	-
Communications equipment	366	242.3	239.3	235.8	235.0	-	122.6	121.1	121.0	121.5	-
Telephone and telegraph apparatus	3661	114.6	113.0	112.2	111.8	-	62.3	61.6	62.7	63.1	-
Electronic components and accessories	367	538.0	534.9	528.6	529.5	-	306.7	306.6	307.9	308.4	-
Electron tubes	3671	27.0	26.9	24.6	24.3	-	18.1	18.0	16.4	16.3	-
Semiconductors and related devices	3674	225.4	223.5	219.9	220.4	-	90.0	90.9	92.5	92.3	-
Electronic components, nec	3679	131.0	130.5	126.0	126.1	-	84.8	84.5	81.7	81.8	-
Misc. electrical equipment and supplies	369	155.8	155.2	154.0	153.6	-	107.2	107.5	105.7	105.3	-
Storage batteries	3691	27.8	27.7	28.0	27.6	-	21.2	21.2	21.5	21.0	-
Engine electrical equipment	3694	64.6	64.7	62.6	62.6	-	49.0	49.3	47.5	47.6	-
Transportation equipment	37	1,852.2	1,855.8	1,783.4	1,766.9	1,760.4	1,153.1	1,158.1	1,130.9	1,120.8	1,117.8
Motor vehicles and equipment	371	798.0	807.9	826.8	820.0	822.0	608.8	616.6	635.1	630.2	631.6
Motor vehicles and car bodies	3711	316.7	323.3	330.0	325.1	-	230.8	235.6	240.0	236.8	-
Truck and bus bodies	3713	33.3	34.5	34.8	34.8	-	25.8	26.9	27.4	27.5	-
Motor vehicle parts and accessories	3714	404.8	406.0	414.4	412.3	-	319.0	320.2	330.3	328.4	-
Truck trailers	3715	25.4	25.6	28.3	28.2	-	19.6	19.9	22.4	22.1	-
Aircraft and parts	372	642.3	637.9	580.9	576.1	-	308.2	305.2	273.2	269.5	-
Aircraft	3721	347.9	346.3	318.7	317.0	-	147.1	146.2	131.5	130.0	-
Aircraft engines and engine parts	3724	133.5	131.6	119.1	118.3	-	67.8	66.3	59.8	58.7	-
Aircraft parts and equipment, nec	3728	160.9	160.0	143.1	140.8	-	93.3	92.7	81.9	80.8	-
Ship and boat building and repairing	373	174.1	173.5	163.4	162.1	-	134.3	134.0	127.0	126.0	-
Ship building and repairing	3731	128.7	127.4	117.5	115.1	-	97.6	96.6	89.8	87.5	-
Boat building and repairing	3732	45.4	46.1	45.9	47.0	-	36.7	37.4	37.2	38.5	-
Railroad equipment	374	28.7	29.2	28.5	28.3	-	20.6	21.1	21.4	21.3	-
Guided missiles, space vehicles, and parts	376	152.8	150.2	126.1	122.3	-	43.0	42.2	35.1	34.3	-
Guided missiles and space vehicles	3761	109.4	107.4	90.6	87.0	-	28.9	28.5	23.3	22.6	-
Miscellaneous transportation equipment	379	40.6	41.5	41.6	42.0	-	26.5	27.4	27.1	27.5	-
Travel trailers and campers	3792	16.4	17.0	18.3	18.3	-	13.1	13.7	14.9	14.8	-
Instruments and related products	38	957.0	954.2	918.6	916.2	914.1	469.9	468.3	448.7	449.1	448.6
Search and navigation equipment	381	249.0	247.6	221.4	220.4	-	78.7	78.1	69.8	69.8	-
Measuring and controlling devices	382	296.8	295.1	284.8	283.3	-	159.2	158.2	147.6	147.4	-
Environmental controls	3822	45.2	44.8	44.4	44.2	-	30.9	30.8	29.8	29.8	-
Process control instruments	3823	60.1	59.8	55.9	55.6	-	30.1	29.8	26.7	26.5	-
Instruments to measure electricity	3825	81.3	81.1	78.3	78.0	-	40.3	40.2	37.6	37.7	-
Medical instruments and supplies	384	265.5	265.7	268.8	269.2	-	153.7	153.8	157.2	157.6	-
Surgical and medical instruments	3841	113.1	112.4	114.8	115.1	-	66.6	66.4	69.6	70.0	-
Surgical appliances and supplies	3842	94.5	94.7	96.3	96.3	-	61.6	61.6	61.8	61.9	-
Ophthalmic goods	385	40.9	40.8	39.7	40.0	-	27.9	27.7	26.7	27.2	-
Photographic equipment and supplies	386	95.5	95.7	95.5	95.0	-	42.9	42.9	40.7	40.5	-
Watches, clocks, watchcases, and parts	387	9.3	9.3	8.4	8.3	-	7.5	7.6	6.7	6.6	-
Miscellaneous manufacturing industries	39	361.7	363.4	356.6	360.1	363.8	261.0	263.5	255.0	258.5	261.1
Jewelry, silverware, and plated ware	391	49.6	50.1	51.1	51.4	-	35.1	35.9	36.3	36.5	-
Jewelry, precious metal	3911	36.0	36.2	37.2	37.5	-	25.3	25.8	26.3	26.5	-
Musical instruments	393	12.1	12.2	12.2	12.3	-	9.9	10.0	9.9	10.0	-
Toys and sporting goods	394	105.9	106.3	103.1	105.5	-	77.9	78.4	74.3	76.9	-
Dolls, games, toys, and children's vehicles	3942,4	44.3	44.1	41.6	43.1	-	31.9	31.9	29.2	30.7	-
Sporting and athletic goods, nec	3949	61.6	62.2	61.5	62.4	-	46.0	46.5	45.1	46.2	-
Pens, pencils, office, and art supplies	395	33.0	33.0	31.4	31.5	-	22.7	22.8	20.7	20.6	-
Costume jewelry and notions	396	29.1	29.0	26.9	27.0	-	20.9	21.1	19.8	20.1	-
Costume jewelry	3961	17.4	17.2	15.3	15.3	-	12.1	12.2	11.1	11.3	-
Miscellaneous manufactures	399	132.0	132.8	131.9	132.4	-	94.5	95.3	94.0	94.4	-
Signs and advertising specialties	3993	53.5	54.1	54.3	54.3	-	36.5	37.3	36.9	36.7	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Nondurable goods		7,777	7,774	7,754	7,760	7,759	5,420	5,420	5,403	5,410	5,413
Food and kindred products	20	1,618.1	1,613.8	1,625.4	1,620.8	1,615.2	1,163.4	1,159.2	1,175.8	1,172.0	1,167.2
Meat products	201	427.0	427.9	439.9	441.3	-	362.9	363.6	373.5	375.1	-
Meat packing plants	2011	139.3	140.1	142.0	142.0	-	117.4	118.1	118.7	118.8	-
Sausages and other prepared meats	2013	84.0	84.2	86.4	86.8	-	63.2	63.3	65.1	65.7	-
Poultry slaughtering and processing	2015	203.7	203.6	211.5	212.5	-	182.3	182.2	189.7	190.6	-
Dairy products	202	151.9	152.7	151.2	150.6	-	93.6	94.8	94.8	94.6	-
Cheese, natural and processed	2022	40.4	40.9	40.9	40.3	-	31.3	31.8	32.6	31.9	-
Fluid milk	2026	71.5	71.0	69.5	69.3	-	35.9	36.0	35.9	35.9	-
Preserved fruits and vegetables	203	218.8	217.8	216.1	216.7	-	179.9	178.6	176.4	177.4	-
Canned specialties	2032	21.2	21.3	22.7	22.7	-	17.3	17.3	18.9	18.9	-
Canned fruits and vegetables	2033	68.2	66.7	64.3	64.1	-	55.4	53.9	51.0	51.1	-
Frozen fruits and vegetables	2037	44.4	44.1	41.9	43.3	-	38.6	38.3	35.8	37.2	-
Grain mill products	204	128.3	127.0	126.8	126.5	-	90.2	89.0	90.0	89.9	-
Flour and other grain mill products	2041	20.9	20.9	21.0	20.8	-	13.8	13.8	14.0	13.8	-
Prepared feeds, nec	2048	46.3	46.0	46.2	45.9	-	29.5	29.3	30.1	29.8	-
Bakery products	205	209.0	208.6	210.1	208.8	-	131.9	131.8	134.2	132.9	-
Bread, cake, and related products	2051	151.4	151.5	151.7	150.9	-	87.7	88.2	89.5	88.6	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	57.6	57.1	58.4	57.9	-	44.2	43.6	44.7	44.3	-
Sugar and confectionery products	206	99.4	96.0	100.6	96.6	-	77.4	73.9	78.1	74.5	-
Raw cane sugar	2061	7.3	7.0	8.0	7.9	-	5.8	5.4	6.3	6.1	-
Cane sugar refining	2062	5.3	5.3	4.7	4.6	-	3.8	3.8	3.2	3.2	-
Beet sugar	2063	9.3	8.0	9.7	8.0	-	8.1	6.7	8.4	7.0	-
Candy and other confectionery products	2064	47.5	46.5	47.6	46.1	-	38.3	37.2	38.2	36.7	-
Fats and oils	207	30.8	30.6	31.0	31.1	-	21.4	21.1	21.1	21.2	-
Beverages	208	176.2	176.6	173.5	173.7	-	74.4	75.1	76.0	75.6	-
Malt beverages	2082	38.4	38.8	36.7	36.5	-	22.5	23.0	21.8	21.8	-
Bottled and canned soft drinks	2086	95.8	95.8	96.4	96.7	-	32.7	32.8	35.1	34.7	-
Misc. food and kindred products	209	176.7	176.6	176.2	175.5	-	131.7	131.3	131.7	130.8	-
Tobacco products	21	50.7	48.1	52.3	49.7	46.4	38.5	35.8	40.1	37.6	34.4
Cigarettes	211	34.3	34.1	33.3	33.2	-	25.9	25.7	25.2	25.1	-
Textile mill products	22	675.6	676.3	673.1	673.4	671.3	578.8	580.0	573.8	573.6	571.7
Broadwoven fabric mills, cotton	221	86.7	86.4	85.5	85.4	-	77.2	76.9	75.9	75.7	-
Broadwoven fabric mills, synthetics	222	73.1	73.5	73.7	73.7	-	63.7	64.1	62.6	62.5	-
Broadwoven fabric mills, wool	223	17.6	17.6	17.5	17.6	-	14.6	14.7	14.5	14.6	-
Narrow fabric mills	224	24.0	24.1	24.4	24.5	-	20.3	20.3	20.6	20.6	-
Knitting mills	225	198.6	199.7	196.2	196.4	-	173.2	174.7	170.4	170.5	-
Women's hosiery, except socks	2251	30.8	30.8	30.1	29.9	-	27.6	27.6	26.9	26.7	-
Hosiery, nec	2252	38.0	38.0	36.8	37.1	-	34.1	34.2	33.1	33.4	-
Knit outerwear mills	2253	54.3	54.8	55.2	55.1	-	47.9	48.7	48.1	47.9	-
Knit underwear mills	2254	27.6	27.7	27.6	27.6	-	23.7	23.9	23.8	23.9	-
Weft knit fabric mills	2257	26.7	27.1	26.0	25.9	-	22.7	23.0	21.9	21.9	-
Textile finishing, except wool	226	66.3	66.0	65.7	65.3	-	54.5	54.3	53.8	53.4	-
Finishing plants, cotton	2261	27.2	27.0	26.5	25.9	-	22.3	22.2	22.0	21.4	-
Finishing plants, synthetics	2262	26.3	26.2	26.4	26.6	-	21.4	21.2	21.1	21.3	-
Carpets and rugs	227	58.0	57.9	60.0	60.2	-	46.6	46.4	48.7	48.7	-
Yarn and thread mills	228	100.9	101.0	100.7	100.8	-	90.1	90.2	89.7	90.0	-
Yarn spinning mills	2281	79.8	79.8	79.7	79.9	-	71.6	71.6	71.6	71.9	-
Throwing and winding mills	2282	14.1	14.2	14.1	14.0	-	12.3	12.3	12.1	12.1	-
Miscellaneous textile goods	229	50.4	50.1	49.4	49.5	-	38.6	38.4	37.6	37.6	-
Apparel and other textile products	23	1,020.7	1,021.1	994.5	1,001.6	1,003.0	854.8	854.9	831.6	838.4	840.7
Men's and boys' suits and coats	231	46.6	45.7	44.1	43.7	-	39.0	38.3	36.8	36.2	-
Men's and boys' furnishings	232	280.8	281.3	281.6	281.7	-	240.9	240.8	242.2	242.4	-
Men's and boys' shirts	2321	63.4	63.6	63.7	63.7	-	54.6	54.4	54.5	54.5	-
Men's and boys' trousers and slacks	2325	87.5	87.4	87.8	87.5	-	76.0	75.9	76.6	76.2	-
Men's and boys' work clothing	2326	44.3	43.8	43.4	43.5	-	38.4	37.9	37.8	37.9	-
Women's and misses' outerwear	233	320.9	323.5	304.0	307.6	-	268.5	271.4	253.5	257.1	-
Women's and misses' blouses and shirts	2331	37.1	37.1	34.4	34.6	-	30.7	30.6	27.8	28.0	-
Women's, juniors', and misses' dresses	2335	63.5	64.5	54.4	55.6	-	51.8	52.9	43.4	44.5	-
Women's and misses' suits and coats	2337	28.5	29.4	25.9	27.0	-	23.4	24.5	21.2	22.5	-
Women's and misses' outerwear, nec	2339	191.8	192.5	189.3	190.4	-	162.6	163.4	161.1	162.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	57.6	56.5	52.5	52.5	-	47.4	46.6	43.1	43.2	-
Women's and children's underwear	2341	46.6	45.6	41.9	41.5	-	39.7	38.9	35.6	35.2	-
Brassieres, girdles, and allied garments	2342	11.0	10.9	10.6	11.0	-	7.7	7.7	7.5	8.0	-
Girls' and children's outerwear	236	54.7	52.5	50.2	50.0	-	46.6	44.6	42.7	42.6	-
Girls' and children's dresses and blouses	2361	22.9	21.5	20.6	20.4	-	20.1	18.7	17.8	17.7	-
Misc. apparel and accessories	238	43.1	43.7	41.8	43.2	-	35.1	35.4	33.9	35.1	-
Misc. fabricated textile products	239	200.0	200.8	202.5	204.7	-	163.2	163.5	164.8	166.8	-
Curtains and draperies	2391	22.1	22.1	20.4	20.4	-	18.3	18.3	16.6	16.4	-
House furnishings, nec	2392	52.4	52.3	52.6	53.0	-	43.7	43.8	44.4	44.8	-
Automotive and apparel trimmings	2396	53.2	53.8	55.7	57.3	-	43.4	43.6	45.0	46.6	-
Paper and allied products	26	681.8	682.6	681.8	681.0	680.5	512.2	512.8	513.2	512.9	513.0
Paper mills	262	179.4	179.3	177.4	176.1	-	136.2	136.1	134.6	133.8	-
Paperboard mills	263	48.9	49.1	48.6	48.6	-	37.8	38.0	37.4	37.4	-
Paperboard containers and boxes	265	206.2	205.9	209.1	208.5	-	160.3	160.2	163.3	162.9	-
Corrugated and solid fiber boxes	2653	118.4	118.3	120.1	119.9	-	88.9	88.7	90.5	90.5	-
Sanitary food containers	2656	14.7	14.9	15.1	15.2	-	12.8	13.0	13.3	13.4	-
Folding paperboard boxes	2657	48.7	48.5	48.9	48.8	-	39.5	39.4	39.4	39.4	-
Misc. converted paper products	267	233.3	234.3	233.0	234.0	-	166.9	167.6	167.3	168.1	-
Paper, coated and laminated, nec	2672	44.7	44.9	44.6	44.8	-	21.5	21.4	21.5	21.3	-
Bags: plastics, laminated, and coated	2673	34.1	34.0	34.1	34.3	-	25.3	25.4	25.5	25.6	-
Envelopes	2677	25.0	25.2	25.2	25.3	-	19.3	19.4	19.3	19.5	-
Printing and publishing	27	1,518.0	1,519.1	1,516.9	1,518.2	1,518.8	839.2	841.7	839.1	839.5	840.8
Newspapers	271	451.9	450.4	451.4	451.9	-	157.6	157.1	156.5	156.6	-
Periodicals	272	123.5	123.8	124.0	124.6	-	43.7	43.2	42.8	43.4	-
Books	273	120.8	122.0	119.7	120.6	-	67.9	69.0	66.9	66.7	-
Book publishing	2731	84.9	85.7	83.5	84.4	-	38.3	38.9	37.0	37.0	-
Book printing	2732	35.9	36.3	36.2	36.2	-	29.6	30.1	29.9	29.7	-
Miscellaneous publishing	274	82.0	82.2	84.6	84.6	-	40.8	41.0	41.2	41.1	-
Commercial printing	275	536.3	538.4	535.9	536.3	-	386.7	388.7	388.3	388.6	-
Commercial printing, lithographic	2752	355.7	356.4	355.6	355.0	-	255.7	256.2	257.4	256.9	-
Commercial printing, nec	2759	162.4	163.7	162.1	163.2	-	116.5	117.8	116.1	117.0	-
Manifold business forms	276	48.8	48.3	47.9	47.7	-	33.5	33.2	33.5	33.3	-
Blankbooks and bookbinding	278	68.1	67.8	66.5	65.9	-	51.3	51.5	50.5	50.0	-
Printing trade services	279	60.4	60.3	61.1	61.3	-	43.9	43.8	44.6	44.7	-
Chemicals and allied products	28	1,069.8	1,067.8	1,062.5	1,062.5	1,065.0	567.4	566.8	557.0	558.5	561.5
Industrial inorganic chemicals	281	125.0	124.5	124.2	123.8	-	58.2	57.4	54.3	54.1	-
Industrial inorganic chemicals, nec	2819	79.5	79.1	79.5	79.3	-	38.4	37.7	36.6	36.5	-
Plastics materials and synthetics	282	174.8	173.7	169.6	169.5	-	105.5	105.1	101.9	102.2	-
Plastics materials and resins	2821	84.7	84.7	83.6	83.8	-	50.4	50.8	51.3	51.6	-
Organic fibers, noncellulosic	2824	61.7	60.6	57.6	57.3	-	37.1	36.3	31.3	31.3	-
Drugs	283	248.3	248.5	253.6	254.4	-	109.0	110.2	112.9	113.3	-
Pharmaceutical preparations	2834	206.7	207.0	211.6	212.3	-	92.6	93.9	96.5	96.6	-
Soap, cleaners, and toilet goods	284	156.4	155.9	156.7	157.1	-	94.9	95.1	94.4	95.1	-
Soap and other detergents	2841	43.6	43.5	44.2	44.2	-	27.4	27.4	27.0	27.1	-
Polishing, sanitation, and finishing preparations	2842,3	43.5	43.5	43.8	43.8	-	23.8	23.8	24.5	24.7	-
Toilet preparations	2844	69.3	68.9	68.7	69.1	-	43.7	43.9	42.9	43.3	-
Paints and allied products	285	56.2	56.3	56.3	56.4	-	28.9	29.0	29.3	29.5	-
Industrial organic chemicals	286	154.6	154.1	152.1	151.4	-	78.2	77.3	76.1	76.2	-
Cyclic crudes and intermediates	2865	27.0	27.1	26.7	26.7	-	15.7	15.7	15.4	15.5	-
Industrial organic chemicals, nec	2869	123.0	122.4	121.0	120.3	-	59.2	58.3	57.5	57.5	-
Agricultural chemicals	287	57.0	57.6	55.0	55.8	-	34.5	35.1	31.9	32.5	-
Miscellaneous chemical products	289	97.5	97.2	95.0	94.1	-	58.2	57.6	56.2	55.6	-
Petroleum and coal products	29	153.4	153.4	147.5	148.1	148.5	99.2	99.3	95.9	96.4	96.6
Petroleum refining	291	118.0	117.7	112.5	112.0	-	76.5	75.6	72.7	72.4	-
Asphalt paving and roofing materials	295	23.3	23.7	23.7	24.7	-	16.3	17.3	17.2	18.0	-
Rubber and misc. plastics products	30	867.6	870.1	881.0	884.2	889.5	667.2	670.1	680.8	684.0	689.6
Tires and inner tubes	301	81.9	81.5	84.6	84.6	-	61.0	60.7	64.4	64.5	-
Rubber and plastics footwear	302	11.4	11.3	9.9	10.1	-	9.2	9.1	8.5	8.6	-
Hose, belting, gaskets, and packing	305	57.7	57.9	58.8	58.9	-	42.2	42.4	43.7	43.6	-
Rubber and plastics hose and belting	3052	23.5	23.5	23.4	23.4	-	17.8	17.9	18.0	17.9	-
Fabricated rubber products, nec	306	100.0	99.5	99.3	99.1	-	74.6	74.2	74.4	74.4	-
Miscellaneous plastics products, nec	308	616.6	619.9	628.4	631.5	-	480.2	483.7	489.8	492.9	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Nondurable goods—Continued											
Leather and leather products	31	121.7	121.8	118.6	120.3	120.5	98.9	98.9	95.2	96.6	97.0
Leather tanning and finishing	311	15.4	15.6	15.4	15.4	-	12.7	12.9	12.6	12.6	-
Footwear, except rubber	314	65.8	65.5	63.9	64.6	-	55.0	54.8	52.8	53.4	-
Men's footwear, except athletic	3143	29.4	29.6	29.8	29.5	-	23.6	23.7	23.4	23.2	-
Women's footwear, except athletic	3144	23.9	23.5	22.4	23.0	-	20.6	20.3	19.3	19.7	-
Luggage	316	10.1	10.1	9.7	9.8	-	7.1	7.1	7.0	7.1	-
Handbags and personal leather goods	317	13.1	13.5	12.2	13.0	-	9.7	10.0	8.6	9.4	-
Transportation and public utilities		5,678	5,688	5,700	5,692	5,708	4,724	4,733	4,764	4,758	4,770
Transportation		3,458	3,471	3,500	3,494	3,509	-	-	-	-	-
Railroad transportation	40	251.6	256.4	252.8	253.3	-	-	-	-	-	-
Class I railroads ²	4011	220.9	220.2	216.4	216.8	-	-	-	-	-	-
Local and interurban passenger transit	41	365.0	367.5	374.7	375.3	-	335.1	337.6	344.0	345.0	-
Local and suburban transportation	411	156.3	156.5	157.8	157.7	-	142.5	142.6	143.4	143.5	-
Taxicabs	412	30.8	30.8	29.1	29.1	-	-	-	-	-	-
Intercity and rural bus transportation	413	23.9	23.3	23.3	23.2	-	21.2	20.7	20.6	20.6	-
School buses	415	127.3	128.5	138.2	138.3	-	-	-	-	-	-
Trucking and warehousing	42	1,570.9	1,575.6	1,600.6	1,592.6	-	1,362.3	1,367.2	1,394.0	1,385.2	-
Trucking and courier services, except air	421	1,448.8	1,454.6	1,477.9	1,471.4	-	1,260.9	1,266.6	1,291.4	1,284.4	-
Public warehousing and storage	422	118.3	117.1	119.3	117.9	-	98.0	97.2	99.5	97.9	-
Water transportation	44	186.0	184.4	173.6	172.7	-	-	-	-	-	-
Water transportation of freight, nec	444	14.4	14.8	13.8	13.7	-	-	-	-	-	-
Water transportation services	449	122.7	119.8	112.4	111.4	-	109.5	106.6	99.7	98.1	-
Transportation by air	45	720.9	723.3	732.9	734.5	-	-	-	-	-	-
Air transportation, scheduled	451	594.3	596.2	602.3	603.4	-	-	-	-	-	-
Airports, flying fields, and services	458	99.4	99.4	102.4	102.8	-	-	-	-	-	-
Pipelines, except natural gas	46	19.1	18.9	18.0	17.8	-	14.3	14.1	13.7	13.5	-
Transportation services	47	344.5	344.6	347.1	347.7	-	272.2	272.1	272.2	272.8	-
Passenger transportation arrangement	472	185.6	186.4	187.2	188.8	-	145.8	146.4	146.0	147.6	-
Travel agencies	4724	147.8	148.1	148.1	149.5	-	115.8	116.2	114.6	115.7	-
Freight transportation arrangement	473	129.3	128.9	129.6	128.9	-	102.0	101.6	101.4	100.6	-
Communications and public utilities		2,220	2,217	2,200	2,198	2,199	-	-	-	-	-
Communications	48	1,262.9	1,259.3	1,251.8	1,251.3	-	967.3	964.7	968.1	967.8	-
Telephone communications	481	872.9	869.5	863.9	863.2	-	648.2	645.8	648.3	647.9	-
Radio and television broadcasting	483	226.1	225.4	224.4	224.2	-	187.9	187.2	187.5	187.6	-
Radio broadcasting stations	4832	114.7	114.4	112.9	112.7	-	-	-	-	-	-
Television broadcasting stations	4833	111.4	111.0	111.5	111.5	-	-	-	-	-	-
Cable and other pay television services	484	129.9	130.3	130.0	130.5	-	109.9	110.4	110.4	110.8	-
Electric, gas, and sanitary services	49	957.4	957.3	947.9	946.3	-	752.6	752.6	743.5	743.8	-
Electric services	491	444.4	444.7	434.6	434.6	-	343.0	343.4	337.1	338.2	-
Gas production and distribution	492	163.2	162.9	159.6	158.7	-	126.9	126.8	123.9	123.1	-
Combination utility services	493	193.7	193.7	192.2	191.4	-	151.2	150.8	146.4	146.2	-
Sanitary services	495	125.2	124.5	130.4	130.3	-	107.4	106.9	111.6	111.8	-
Wholesale trade		5,941	5,949	5,941	5,941	5,958	4,750	4,762	4,779	4,780	4,794
Durable goods	50	3,434	3,436	3,410	3,410	3,418	2,715	2,718	2,712	2,713	-
Motor vehicles, parts, and supplies	501	435.9	435.7	434.8	435.4	-	349.4	349.6	349.0	350.2	-
Automobiles and other motor vehicles	5012	110.5	110.1	109.3	109.3	-	-	-	-	-	-
Motor vehicle supplies and new parts	5013	258.7	258.5	258.2	258.4	-	-	-	-	-	-
Furniture and home furnishings	502	137.3	137.2	140.0	139.3	-	108.3	108.3	111.0	110.5	-
Furniture	5021	61.9	61.6	62.5	62.3	-	-	-	-	-	-
Home furnishings	5023	75.4	75.6	77.5	77.0	-	-	-	-	-	-
Lumber and other construction materials	503	204.3	205.0	211.1	212.0	-	162.8	163.3	170.8	171.3	-
Lumber, plywood, and millwork	5031	108.0	108.2	111.4	111.8	-	-	-	-	-	-
Construction materials, nec	5039	37.4	37.1	38.5	38.3	-	-	-	-	-	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Wholesale trade—Continued											
Durable goods—Continued											
Professional and commercial equipment	504	760.4	760.5	730.2	727.5	-	611.9	613.1	588.8	586.1	-
Computers, peripherals and software	5045	293.4	293.5	264.8	261.8	-	-	-	-	-	-
Medical and hospital equipment	5047	140.1	140.2	146.0	146.4	-	114.4	114.6	120.4	120.5	-
Metals and minerals, except petroleum	505	129.5	130.1	129.5	129.6	-	101.6	102.2	102.9	103.2	-
Electrical goods	506	466.3	465.5	470.6	470.4	-	354.3	354.0	365.0	364.7	-
Electrical apparatus and equipment	5063	194.3	193.8	196.9	197.5	-	-	-	-	-	-
Electrical appliances, television and radio sets	5064	52.9	52.7	54.1	52.7	-	-	-	-	-	-
Electronic parts and equipment	5065	219.1	219.0	219.6	220.2	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	263.6	263.9	263.6	263.8	-	209.1	209.2	210.5	210.3	-
Hardware	5072	90.2	90.2	90.0	90.0	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	108.9	109.1	108.5	108.5	-	-	-	-	-	-
Machinery, equipment, and supplies	508	752.7	753.5	744.5	746.1	-	592.0	592.6	585.2	587.5	-
Construction and mining machinery	5082	72.8	72.5	72.1	71.9	-	-	-	-	-	-
Farm and garden machinery	5083	111.4	112.8	110.3	111.0	-	-	-	-	-	-
Industrial machinery and equipment	5084	306.8	305.4	302.5	303.2	-	-	-	-	-	-
Industrial supplies	5085	142.8	143.0	141.9	142.1	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	284.1	285.0	285.7	285.7	-	225.9	226.1	228.3	228.9	-
Scrap and waste materials	5093	103.4	103.4	102.5	102.8	-	-	-	-	-	-
Nondurable goods	51	2,507	2,513	2,531	2,531	2,540	2,035	2,044	2,067	2,067	-
Paper and paper products	511	241.9	241.5	244.9	242.3	-	195.1	194.9	198.1	196.4	-
Drugs, proprietaries, and sundries	512	186.7	187.1	192.6	193.7	-	155.8	155.7	160.3	161.1	-
Apparel, piece goods, and notions	513	196.1	196.0	199.1	199.8	-	152.8	152.9	157.4	158.2	-
Groceries and related products	514	831.6	831.2	846.1	844.7	-	693.9	694.8	710.0	708.6	-
Groceries, general line	5141	267.7	267.6	270.4	269.4	-	-	-	-	-	-
Meats and meat products	5147	60.9	61.1	62.5	62.1	-	-	-	-	-	-
Fresh fruits and vegetables	5148	90.9	90.4	90.8	91.8	-	-	-	-	-	-
Farm-product raw materials	515	113.0	113.4	113.6	112.3	-	92.3	93.0	92.3	91.3	-
Chemicals and allied products	516	129.4	128.1	124.9	124.9	-	95.5	95.0	94.5	94.4	-
Petroleum and petroleum products	517	184.6	184.9	181.0	180.7	-	147.7	147.8	145.5	144.8	-
Petroleum bulk stations and terminals	5171	78.2	78.4	76.6	76.4	-	-	-	-	-	-
Petroleum products, nec	5172	106.4	106.5	104.4	104.3	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	145.5	146.3	148.6	148.2	-	117.6	118.2	121.2	120.9	-
Beer and ale	5181	93.7	94.4	96.4	96.4	-	-	-	-	-	-
Wine and distilled beverages	5182	51.8	51.9	52.2	51.8	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	478.0	484.7	480.5	484.1	-	384.7	391.3	387.5	391.5	-
Farm supplies	5191	150.6	155.8	151.4	152.9	-	-	-	-	-	-
Retail trade	52	18,662	18,691	18,939	18,860	18,930	16,372	16,405	16,656	16,575	16,617
Building materials and garden supplies	52	708.2	726.3	725.8	727.4	-	577.5	594.7	594.5	595.3	-
Lumber and other building materials	521	399.5	405.9	413.9	413.7	-	332.2	338.1	346.0	345.8	-
Hardware stores	525	153.0	154.3	156.9	156.6	-	124.7	126.0	128.2	127.3	-
Retail nurseries and garden stores	526	64.8	75.1	63.5	65.0	-	50.6	60.6	49.2	50.8	-
General merchandise stores	53	2,281.0	2,249.8	2,281.9	2,199.5	2,181.7	2,125.9	2,096.8	2,133.5	2,053.5	-
Department stores	531	1,918.2	1,886.8	1,911.0	1,839.9	-	1,804.1	1,774.6	1,803.3	1,734.4	-
Variety stores	533	155.2	155.8	162.1	157.5	-	139.2	139.6	146.0	141.6	-
Miscellaneous general merchandise stores	539	207.6	207.2	208.8	202.1	-	182.6	182.6	184.2	177.5	-
Food stores	54	3,145.2	3,137.7	3,163.6	3,153.0	3,147.5	2,868.7	2,861.6	2,886.3	2,875.1	-
Grocery stores	541	2,812.2	2,804.2	2,813.8	2,801.0	-	2,580.3	2,573.4	2,583.1	2,569.9	-
Meat and fish markets	542	50.3	50.6	52.4	52.0	-	-	-	-	-	-
Dairy products stores	545	20.6	21.0	20.2	18.6	-	-	-	-	-	-
Retail bakeries	546	163.5	164.3	171.6	174.1	-	145.9	146.7	152.8	155.2	-
Automotive dealers and service stations	55	1,966.5	1,977.7	2,014.5	2,018.1	2,032.0	1,628.6	1,639.4	1,670.8	1,674.0	-
New and used car dealers	551	881.3	884.8	921.3	926.2	-	729.0	732.6	765.5	769.7	-
Auto and home supply stores	553	330.8	332.9	339.7	339.2	-	260.4	262.7	268.2	267.5	-
Gasoline service stations	554	609.6	610.7	606.2	603.5	-	525.5	526.2	521.4	519.1	-
Automotive dealers, nec	559	8.7	8.7	8.4	8.4	-	7.2	7.3	7.0	7.0	-
Apparel and accessory stores	56	1,106.1	1,104.2	1,134.9	1,098.9	-	904.9	905.6	941.6	906.4	-
Men's and boys' clothing stores	561	88.9	87.5	87.5	86.0	-	72.6	71.5	71.2	69.2	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Retail trade—Continued											
Apparel and accessory stores—Continued											
Women's clothing stores	562	366.3	366.0	377.8	365.4	-	298.8	299.3	310.9	298.9	-
Family clothing stores	565	286.8	285.8	306.6	291.2	-	245.0	245.2	265.9	251.3	-
Shoe stores	566	203.7	205.2	203.3	201.8	-	156.0	158.0	160.9	159.0	-
Furniture and home furnishings stores	57	795.1	792.6	814.0	807.8	-	643.3	641.7	663.1	656.6	-
Furniture and home furnishings stores	571	435.3	435.9	449.4	448.9	-	351.0	352.0	364.9	364.3	-
Furniture stores	5712	264.4	264.6	273.2	273.6	-	-	-	-	-	-
Household appliance stores	572	71.0	70.3	67.3	66.4	-	57.6	57.1	55.0	54.2	-
Radio, television, and computer stores	573	288.8	286.4	297.3	292.5	-	234.7	232.6	243.2	238.1	-
Radio, television, and electronic stores	5731	119.8	118.0	120.7	118.6	-	98.8	97.4	99.7	97.5	-
Record and prerecorded tape stores	5735	64.3	63.6	69.4	66.5	-	52.5	51.8	57.2	54.0	-
Eating and drinking places	58	6,212.9	6,289.5	6,329.8	6,397.9	6,508.9	5,594.4	5,669.8	5,713.0	5,774.7	-
Miscellaneous retail establishments	59	2,447.3	2,413.1	2,474.9	2,457.6	-	2,028.7	1,995.3	2,053.3	2,039.6	-
Drug stores and proprietary stores	591	611.8	610.8	617.6	613.1	-	507.5	506.9	512.7	510.0	-
Liquor stores	592	115.2	115.4	117.8	115.8	-	-	-	-	-	-
Used merchandise stores	593	73.4	73.4	74.8	74.9	-	61.4	61.7	62.4	62.9	-
Miscellaneous shopping goods stores	594	855.0	846.9	894.7	866.8	-	704.5	696.4	741.3	714.6	-
Sporting goods and bicycle shops	5941	152.3	152.0	165.1	160.0	-	-	-	-	-	-
Book stores	5942	99.5	95.9	103.9	98.4	-	-	-	-	-	-
Stationery stores	5943	76.9	76.3	77.5	77.9	-	-	-	-	-	-
Jewelry stores	5944	135.4	133.1	144.0	139.2	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	179.4	180.3	184.0	178.4	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	65.9	65.1	63.6	62.6	-	-	-	-	-	-
Nonstore retailers	596	258.0	255.7	251.9	244.1	-	221.1	218.6	216.5	209.3	-
Catalog and mail-order houses	5961	139.2	136.4	141.2	132.6	-	-	-	-	-	-
Merchandising machine operators	5962	72.4	72.4	69.0	69.5	-	-	-	-	-	-
Fuel dealers	598	104.4	102.7	104.4	104.0	-	86.9	85.3	86.7	86.4	-
Retail stores, nec	599	429.5	408.2	413.7	438.9	-	354.3	333.5	338.8	363.3	-
Finance, insurance, and real estate²		6,616	6,634	6,625	6,623	6,631	4,764	4,781	4,793	4,790	4,803
Finance		3,209	3,218	3,251	3,250	3,253	-	-	-	-	-
Depository institutions	60	2,160.8	2,164.2	2,173.2	2,169.4	-	1,559.3	1,562.6	1,573.2	1,569.9	-
Commercial banks	602	1,516.9	1,518.9	1,514.9	1,511.5	-	1,075.5	1,077.8	1,077.4	1,074.2	-
State commercial banks	6022	639.7	640.4	645.9	645.1	-	-	-	-	-	-
Savings institutions	603	390.4	391.0	398.5	397.9	-	-	-	-	-	-
Federal savings institutions	6035	205.0	205.4	206.9	206.4	-	-	-	-	-	-
Savings institutions, except federal	6036	185.4	185.6	191.6	191.5	-	-	-	-	-	-
Credit unions	606	137.6	138.0	143.7	144.1	-	109.1	109.5	114.0	114.2	-
Nondepository institutions	61	391.6	393.6	398.4	398.0	-	290.4	293.3	300.3	299.5	-
Personal credit institutions	614	129.7	129.1	126.8	126.7	-	97.4	96.7	95.0	95.2	-
Business credit institutions	615	86.1	85.9	83.7	84.5	-	-	-	-	-	-
Mortgage bankers and brokers	616	163.3	166.2	174.9	173.8	-	-	-	-	-	-
Security and commodity brokers	62	426.8	428.9	446.5	447.7	-	-	-	-	-	-
Security brokers and dealers	621	321.7	323.6	340.5	341.5	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges	622,3	21.6	21.3	20.7	20.9	-	-	-	-	-	-
Security and commodity services	628	83.5	84.0	85.3	85.3	-	53.8	54.4	54.5	54.7	-
Holding and other investment offices	67	229.6	231.1	232.8	235.2	-	-	-	-	-	-
Holding offices	671	108.5	108.2	107.6	107.2	-	-	-	-	-	-
Insurance	63,64	2,151	2,149	2,116	2,115	2,116	-	-	-	-	-
Insurance carriers	63	1,487.8	1,486.2	1,462.1	1,461.1	-	999.9	998.5	1,000.3	999.5	-
Life insurance	631	560.6	560.5	541.3	540.7	-	335.5	336.1	336.0	335.0	-
Medical service and health insurance	632	260.9	260.2	262.7	262.7	-	212.4	211.0	215.3	215.3	-
Fire, marine, and casualty insurance	633	552.6	551.3	541.3	541.4	-	360.5	359.4	353.6	354.4	-
Title insurance	636	57.8	58.1	60.0	59.4	-	-	-	-	-	-
Insurance agents, brokers, and service	64	663.4	662.4	653.7	653.4	-	-	-	-	-	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a
Finance, insurance, and real estate—Continued											
Real estate	65	1,256	1,267	1,258	1,258	1,262	-	-	-	-	-
Real estate operators and lessors	651	543.6	550.4	552.6	549.7	-	-	-	-	-	
Real estate agents and managers	653	558.3	561.3	553.8	556.5	-	-	-	-	-	
Subdividers and developers	655	122.9	124.1	118.3	118.8	-	-	-	-	-	
Services		28,326	28,528	28,799	29,102	29,279	24,704	24,891	25,128	25,412	25,565
Agricultural services	07	404.9	434.9	403.8	409.9	-	328.8	356.7	327.8	333.6	-
Hotels and other lodging places	70	1,513.3	1,530.3	1,521.6	1,533.1	-	-	-	-	-	-
Hotels and motels	701	1,475.7	1,491.3	1,485.9	1,496.1	-	1,297.9	1,312.3	1,306.0	1,316.5	-
Personal services	72	1,157.1	1,156.6	1,140.9	1,156.1	-	-	-	-	-	-
Laundry, cleaning, and garment services	721	407.9	410.7	413.1	412.0	-	358.8	361.0	364.1	363.3	-
Photographic studios, portrait	722	67.8	66.9	75.8	73.8	-	-	-	-	-	-
Beauty shops	723	385.8	386.5	385.1	386.9	-	346.0	346.4	343.9	345.9	-
Funeral service and crematories	726	84.1	84.0	85.3	86.0	-	-	-	-	-	-
Miscellaneous personal services	729	191.9	187.0	163.1	178.8	-	177.9	172.1	145.9	161.9	-
Business services	73	5,031.1	5,096.2	5,336.0	5,357.2	5,415.9	4,412.8	4,476.3	4,719.6	4,739.0	-
Advertising	731	228.2	229.8	231.6	232.3	-	161.1	162.5	166.1	167.2	-
Advertising agencies	7311	157.7	158.5	157.8	158.3	-	-	-	-	-	-
Credit reporting and collection	732	107.2	107.3	110.6	110.3	-	-	-	-	-	-
Mailing, reproduction, and stenographic services	733	235.6	234.5	248.6	249.5	-	-	-	-	-	-
Photocopying and duplicating services	7334	47.4	47.7	49.7	50.1	-	38.7	38.9	40.9	41.1	-
Services to buildings	734	773.3	776.6	777.3	774.9	-	692.9	695.7	698.2	695.0	-
Miscellaneous equipment rental and leasing	735	190.1	191.9	197.4	196.3	-	150.3	151.7	157.8	156.2	-
Heavy construction equipment rental	7353	38.4	38.7	40.1	40.1	-	31.5	31.7	33.5	33.5	-
Personnel supply services	736	1,471.8	1,529.4	1,683.9	1,699.1	-	-	-	-	-	-
Employment agencies	7361	209.5	215.7	225.5	228.5	-	-	-	-	-	-
Help supply services	7363	1,262.3	1,313.7	1,458.4	1,470.6	-	1,217.1	1,268.5	1,409.9	1,422.0	-
Computer and data processing services	737	808.3	810.9	836.1	839.2	-	645.2	647.5	677.0	680.8	-
Computer programming services	7371	155.7	155.7	163.0	164.1	-	125.1	125.1	133.8	135.6	-
Prepackaged software	7372	130.5	131.5	139.3	139.8	-	-	-	-	-	-
Computer integrated systems design	7373	103.6	104.1	108.4	109.0	-	80.4	80.3	82.4	83.4	-
Data processing and preparation	7374	197.2	198.4	201.3	203.0	-	-	-	-	-	-
Information retrieval services	7375	46.8	46.9	48.9	49.1	-	37.1	37.2	39.3	39.5	-
Computer maintenance and repair	7378	41.2	40.9	40.4	40.3	-	35.0	34.8	34.3	34.3	-
Miscellaneous business services	738	1,216.6	1,215.8	1,250.5	1,255.6	-	1,072.6	1,072.0	1,104.3	1,108.3	-
Detective and armored car services	7381	466.2	467.2	484.4	484.1	-	435.8	436.0	452.6	451.9	-
Security systems services	7382	38.1	37.8	38.4	38.2	-	32.2	32.0	32.9	32.7	-
Photofinishing laboratories	7384	73.9	72.9	72.6	71.3	-	-	-	-	-	-
Auto repair, services, and parking	75	866.9	872.5	878.9	888.6	-	710.0	714.3	720.0	731.1	-
Automotive rentals, without drivers	751	157.5	158.4	164.2	164.9	-	-	-	-	-	-
Automobile parking	752	60.2	60.4	59.9	59.8	-	53.9	54.0	53.3	53.2	-
Automotive repair shops	753	487.5	488.2	492.3	492.9	-	393.1	393.1	397.2	399.2	-
Miscellaneous repair services	76	327.8	328.5	325.1	324.5	-	265.4	266.2	265.0	264.1	-
Electrical repair shops	762	109.3	109.2	108.4	108.5	-	-	-	-	-	-
Motion pictures	78	389.1	393.6	407.0	405.3	-	317.3	320.8	335.3	333.3	-
Motion picture production and services	781	143.4	149.0	166.9	167.8	-	111.5	116.8	132.7	133.9	-
Motion picture theaters	783	102.2	102.0	99.2	96.9	-	-	-	-	-	-
Amusement and recreation services	79	1,010.2	1,028.3	983.7	1,016.3	-	880.7	897.4	849.3	877.4	-
Bowling centers	793	95.4	96.0	95.4	96.2	-	85.8	86.2	85.8	86.5	-
Misc. amusement and recreation services	799	683.4	702.8	658.7	683.0	-	594.9	612.2	569.5	593.0	-
Physical fitness facilities	7991	121.2	121.0	117.7	120.9	-	107.5	107.5	105.2	107.8	-
Membership sports and recreation clubs	7997	226.1	239.9	228.3	233.9	-	193.7	206.6	194.1	199.6	-
Health services	80	8,355.9	8,379.0	8,572.0	8,597.1	8,614.7	7,429.1	7,450.6	7,613.5	7,633.3	-
Offices and clinics of medical doctors	801	1,421.0	1,422.0	1,459.4	1,464.2	-	1,168.1	1,168.6	1,194.6	1,196.1	-
Offices and clinics of dentists	802	532.3	533.1	540.6	540.7	-	466.3	466.9	473.6	473.1	-
Offices and clinics of other health practitioners	804	306.7	308.7	312.2	314.3	-	251.4	253.5	254.2	257.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Services—Continued											
Health services—Continued											
Nursing and personal care facilities	805	1,536.1	1,539.3	1,576.6	1,584.0	-	1,386.3	1,389.7	1,423.1	1,430.8	-
Skilled nursing care facilities	8051	1,100.5	1,102.4	1,128.2	1,133.8	-	-	-	-	-	
Intermediate care facilities	8052	215.7	216.5	222.4	223.1	-	194.2	195.0	200.2	201.0	
Nursing and personal care, nec	8059	219.9	220.4	226.0	227.1	-	-	-	-	-	
Hospitals	806	3,724.2	3,733.2	3,784.2	3,787.3	-	3,418.5	3,427.2	3,473.2	3,474.3	
General medical and surgical hospitals	8062	3,424.9	3,433.6	3,482.0	3,484.0	-	-	-	-	-	
Psychiatric hospitals	8063	101.5	101.4	98.3	99.0	-	-	-	-	-	
Specialty hospitals, excluding psychiatric	8069	197.8	198.2	203.9	204.3	-	-	-	-	-	
Medical and dental laboratories	807	175.7	176.5	180.4	181.5	-	-	-	-	-	
Home health care services	808	367.0	371.5	408.2	412.3	-	339.9	344.0	377.2	380.6	
Legal services	81	901.8	901.4	903.2	903.8	-	731.4	729.9	728.1	728.7	
Educational services	82	1,818.0	1,819.3	1,708.5	1,832.9	-	-	-	-	-	
Elementary and secondary schools	821	504.7	504.2	508.4	514.8	-	-	-	-	-	
Colleges and universities	822	1,114.3	1,114.9	1,006.0	1,117.1	-	-	-	-	-	
Vocational schools	824	81.4	81.5	76.3	78.4	-	-	-	-	-	
Social services	83	1,909.1	1,925.1	1,998.6	2,017.9	-	-	-	-	-	
Individual and family services	832	513.7	517.0	538.0	543.3	-	-	-	-	-	
Job training and related services	833	248.2	250.6	259.2	262.5	-	-	-	-	-	
Child day care services	835	443.0	449.5	473.0	478.0	-	392.4	399.0	418.4	423.4	
Residential care	836	520.2	522.3	545.9	548.6	-	-	-	-	-	
Museums and botanical and zoological gardens	84	62.6	64.2	65.2	65.2	-	-	-	-	-	
Membership organizations	86	1,987.3	1,992.7	1,972.3	1,989.3	-	-	-	-	-	
Business associations	861	98.2	98.2	97.2	98.1	-	-	-	-	-	
Professional organizations	862	53.8	54.1	54.5	54.8	-	38.7	38.8	38.8	39.0	
Labor organizations	863	129.3	129.9	114.7	117.4	-	-	-	-	-	
Civic and social associations	864	411.4	414.6	409.6	421.6	-	-	-	-	-	
Engineering and management services	87	2,426.0	2,440.0	2,416.3	2,438.9	-	1,846.2	1,858.1	1,837.1	1,853.6	
Engineering and architectural services	871	726.0	727.3	731.4	730.0	-	593.3	594.6	596.7	595.5	
Engineering services	8711	568.7	569.3	575.1	574.1	-	469.7	470.4	472.9	472.5	
Architectural services	8712	115.0	115.1	112.8	113.1	-	89.3	89.4	87.9	88.0	
Surveying services	8713	42.3	42.9	43.5	42.8	-	34.3	34.8	35.9	35.0	
Accounting, auditing, and bookkeeping	872	536.9	542.6	510.8	527.2	-	400.3	404.7	371.4	385.4	
Research and testing services	873	554.3	555.0	554.3	558.4	-	407.3	407.6	412.7	414.9	
Commercial physical research	8731	243.6	243.9	240.7	240.3	-	-	-	-	-	
Noncommercial research organizations	8733	140.6	141.6	140.0	143.6	-	-	-	-	-	
Management and public relations	874	608.8	615.1	619.8	623.3	-	445.3	451.2	456.3	457.8	
Public relations services	8743	29.1	29.4	28.0	28.0	-	20.7	21.0	19.9	19.8	
Services, nec	89	37.3	37.6	38.4	38.4	-	28.9	29.1	30.1	30.0	
Government		18,758	18,882	18,622	18,972	19,057	-	-	-	-	
Federal Government ⁴		2,966	2,974	2,922	2,923	2,907	-	-	-	-	
Executive, by agency ⁴		2,901.0	2,908.4	2,856.0	-	-	-	-	-	-	
Department of Defense		920.0	921.6	897.0	-	-	-	-	-	-	
Postal Service ⁵		799.6	798.7	779.3	-	-	-	-	-	-	
Other executive agencies		1,181.4	1,188.1	1,179.7	-	-	-	-	-	-	
Legislative		38.6	38.8	38.2	-	-	-	-	-	-	
Judicial		26.3	26.6	27.8	-	-	-	-	-	-	
Federal Government, by industry:											
Manufacturing activities		103.9	103.6	99.1	98.4	-	-	-	-	-	
Ship building and repairing	3731	59.6	59.3	56.5	56.2	-	-	-	-	-	
Transportation and public utilities, except Postal											
Service		29.5	29.4	28.9	28.7	-	-	-	-	-	
Services		394.3	395.4	394.6	394.8	-	-	-	-	-	
Hospitals	806	237.5	237.8	239.7	240.2	-	-	-	-	-	

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Government—Continued											
State government		4,446	4,467	4,350	4,492	4,514	-	-	-	-	-
Hospitals	806	412.6	411.5	410.5	409.2	-	-	-	-	-	
Education	82	1,891.5	1,907.5	1,774.7	1,910.2	-	-	-	-	-	
General administration, including executive, legislative, and judicial functions		1,660.3	1,665.8	1,681.7	1,687.2	-	-	-	-	-	
Local government		11,346	11,441	11,350	11,557	11,636	-	-	-	-	
Transportation and public utilities		439.2	439.4	437.4	436.9	-	-	-	-	-	
Hospitals	806	676.3	679.0	702.5	703.4	-	-	-	-	-	
Education	82	6,450.8	6,511.9	6,401.6	6,595.1	-	-	-	-	-	
General administration, including executive, legislative, and judicial functions		3,428.6	3,458.3	3,448.1	3,456.7	-	-	-	-	-	

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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	Dec. 1991	Jan. 1992	Nov. 1992	Dec. 1992	Jan. 1993
Total	52,770	51,698	53,085	53,181	52,176
Total private	42,633	41,735	42,677	42,850	42,030
Goods-producing	6,691	6,604	6,595	6,560	6,494
Mining	95	94	90	89	88
Construction	527	514	527	520	511
Manufacturing	6,069	5,996	5,978	5,951	5,895
Durable goods	2,807	2,776	2,738	2,730	2,714
Lumber and wood products	109	108	113	113	112
Furniture and fixtures	145	143	142	142	141
Stone, clay, and glass products	105	104	105	104	102
Primary metal industries	96	94	92	93	92
Fabricated metal products	299	295	294	295	291
Industrial machinery and equipment	429	429	423	424	424
Electronic and other electrical equipment	671	665	653	651	649
Transportation equipment	385	376	364	364	362
Instruments and related products	400	397	383	380	378
Miscellaneous manufacturing	169	165	169	165	162
Nondurable goods	3,262	3,220	3,240	3,221	3,181
Food and kindred products	536	522	542	530	516
Tobacco products	18	18	16	18	18
Textile mill products	328	325	325	323	321
Apparel and other textile products	808	796	789	782	772
Paper and allied products	167	165	168	168	165
Printing and publishing	677	672	673	676	672
Chemicals and allied products	329	328	333	333	331
Petroleum and coal products	26	26	24	24	24
Rubber and misc. plastics products	303	300	300	300	298
Leather and leather products	71	69	69	67	66
Service-producing	46,079	45,094	46,490	46,621	45,682
Transportation and public utilities	1,703	1,678	1,703	1,705	1,687
Wholesale trade	1,861	1,829	1,843	1,836	1,824
Retail trade	10,605	10,038	10,334	10,525	10,005
Finance, insurance, and real estate	4,225	4,206	4,217	4,225	4,210
Services	17,548	17,380	17,985	17,999	17,810
Government	10,137	9,963	10,408	10,331	10,146
Federal	1,229	1,220	1,214	1,228	1,212
State	2,211	2,157	2,255	2,240	2,185
Local	6,697	6,586	6,939	6,863	6,749

NOTE: Establishment survey estimates are currently projected from March 1991 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1991 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P	Mar. ^P
Total	108,200	108,377	108,496	108,423	108,594	108,485	108,497	108,571	108,646	108,752	108,865	109,232	109,210
Total private	89,693	89,835	89,950	89,885	89,988	89,803	89,847	89,948	89,961	90,067	90,201	90,546	90,536
Goods-producing	23,532	23,530	23,548	23,470	23,459	23,362	23,296	23,270	23,280	23,263	23,267	23,368	23,303
Mining	651	646	641	634	633	626	620	623	622	619	616	604	607
Oil and gas extraction	366	363	358	350	348	345	340	345	345	346	347	339	338
Construction	4,603	4,605	4,632	4,600	4,584	4,591	4,574	4,601	4,590	4,582	4,559	4,652	4,593
General building contractors	1,115	1,108	1,101	1,093	1,096	1,100	1,097	1,098	1,093	1,084	1,086	1,099	1,087
Manufacturing	18,278	18,279	18,275	18,236	18,242	18,145	18,102	18,046	18,068	18,062	18,092	18,112	18,103
Durable goods	10,417	10,409	10,398	10,371	10,347	10,298	10,271	10,231	10,247	10,238	10,265	10,272	10,254
Lumber and wood products	689	688	687	684	683	682	683	689	695	697	696	704	703
Furniture and fixtures	465	467	467	469	470	465	461	461	461	462	463	466	466
Stone, clay, and glass products	518	520	522	521	521	520	518	518	519	519	517	525	521
Primary metal industries	710	708	707	706	702	701	699	695	695	693	694	695	693
Blast furnaces and basic steel products	258	257	256	255	253	252	252	250	248	245	244	245	244
Fabricated metal products	1,342	1,341	1,343	1,338	1,335	1,334	1,330	1,323	1,323	1,323	1,331	1,335	1,335
Industrial machinery and equipment	1,948	1,949	1,959	1,954	1,947	1,941	1,943	1,935	1,935	1,933	1,936	1,933	1,933
Electronic and other electrical equipment	1,560	1,557	1,554	1,549	1,545	1,536	1,538	1,534	1,537	1,537	1,540	1,544	1,547
Transportation equipment	1,863	1,859	1,842	1,836	1,829	1,816	1,797	1,782	1,790	1,788	1,805	1,788	1,773
Motor vehicles and equipment	814	821	813	814	818	814	803	802	818	823	874	841	835
Instruments and related products	956	952	949	946	943	938	935	930	927	921	920	918	916
Miscellaneous manufacturing	366	368	368	368	372	365	365	364	366	365	363	364	367
Nondurable goods	7,861	7,870	7,877	7,865	7,895	7,847	7,831	7,815	7,821	7,824	7,827	7,840	7,849
Food and kindred products	1,671	1,677	1,678	1,671	1,685	1,672	1,661	1,661	1,664	1,664	1,671	1,674	1,674
Tobacco products	49	50	49	49	49	51	50	49	47	49	49	48	48
Textile mill products	682	682	679	680	682	675	677	672	675	678	676	678	677
Apparel and other textile products	1,025	1,023	1,026	1,023	1,034	1,013	1,007	1,004	1,006	1,004	1,004	1,005	1,006
Paper and allied products	687	689	691	689	689	687	692	688	688	686	685	685	685
Printing and publishing	1,519	1,521	1,522	1,520	1,522	1,521	1,523	1,520	1,518	1,520	1,515	1,520	1,520
Chemicals and allied products	1,071	1,072	1,073	1,073	1,070	1,072	1,069	1,069	1,069	1,068	1,068	1,066	1,068
Petroleum and coal products	157	157	156	155	154	153	152	152	152	151	152	152	152
Rubber and misc. plastics products	877	876	880	883	884	880	877	877	880	883	887	891	897
Leather and leather products	123	123	123	122	126	123	123	123	122	121	120	121	122
Service-producing	84,668	84,847	84,948	84,953	85,135	85,123	85,201	85,301	85,366	85,489	85,598	85,864	85,907
Transportation and public utilities	5,754	5,746	5,745	5,745	5,742	5,729	5,738	5,731	5,732	5,742	5,763	5,765	5,772
Transportation	3,524	3,523	3,522	3,524	3,524	3,514	3,520	3,516	3,517	3,531	3,550	3,554	3,562
Communications and public utilities	2,230	2,223	2,223	2,221	2,218	2,215	2,218	2,215	2,215	2,211	2,213	2,211	2,210
Wholesale trade	5,997	5,993	5,993	5,988	5,972	5,964	5,957	5,969	5,976	5,970	5,995	6,004	6,006
Durable goods	3,453	3,451	3,452	3,444	3,435	3,423	3,419	3,424	3,424	3,418	3,431	3,434	3,435
Nondurable goods	2,544	2,542	2,541	2,544	2,537	2,541	2,538	2,545	2,552	2,552	2,564	2,570	2,571
Retail trade	19,092	19,177	19,150	19,156	19,184	19,106	19,122	19,146	19,116	19,182	19,227	19,363	19,356
General merchandise stores	2,344	2,338	2,334	2,318	2,306	2,296	2,296	2,285	2,262	2,255	2,228	2,270	2,273
Food stores	3,179	3,194	3,188	3,192	3,179	3,169	3,176	3,170	3,165	3,168	3,176	3,188	3,192
Automotive dealers and service stations	2,004	2,007	2,007	2,011	2,012	2,013	2,012	2,017	2,023	2,034	2,041	2,053	2,059
Eating and drinking places	6,431	6,470	6,462	6,473	6,502	6,463	6,494	6,513	6,536	6,579	6,621	6,651	6,662
Finance, insurance, and real estate	6,675	6,682	6,681	6,672	6,660	6,661	6,669	6,680	6,669	6,677	6,682	6,680	6,673
Finance	3,224	3,230	3,234	3,232	3,228	3,227	3,238	3,244	3,243	3,251	3,264	3,260	3,260
Insurance	2,149	2,149	2,144	2,138	2,135	2,133	2,132	2,133	2,129	2,124	2,116	2,115	2,116
Real estate	1,302	1,303	1,303	1,302	1,297	1,301	1,299	1,303	1,297	1,302	1,302	1,305	1,297
Services	28,643	28,707	28,833	28,854	28,971	28,981	29,065	29,152	29,188	29,253	29,267	29,366	29,426
Business services	5,174	5,233	5,278	5,292	5,300	5,319	5,322	5,406	5,427	5,458	5,445	5,478	5,515
Health services	8,387	8,412	8,437	8,446	8,478	8,488	8,506	8,535	8,561	8,580	8,589	8,614	8,623
Government	18,507	18,542	18,546	18,538	18,606	18,682	18,650	18,623	18,685	18,685	18,664	18,686	18,674
Federal	2,989	2,986	2,984	2,972	2,957	2,959	2,967	2,942	2,940	2,971	2,943	2,938	2,916
State	4,345	4,360	4,367	4,357	4,388	4,383	4,401	4,390	4,384	4,389	4,394	4,395	4,395
Local	11,173	11,196	11,195	11,209	11,261	11,340	11,282	11,291	11,361	11,325	11,327	11,353	11,363

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1991

benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total	52,055	52,075	52,093	52,216	52,271	52,283	52,464	52,399	52,370	52,412	52,434	52,459	52,567
Total private	42,159	42,171	42,159	42,253	42,305	42,294	42,384	42,312	42,308	42,370	42,329	42,377	42,486
Goods-producing	6,665	6,656	6,658	6,651	6,648	6,628	6,642	6,587	6,568	6,549	6,552	6,549	6,559
Mining	95	94	95	94	93	92	91	90	90	90	91	90	89
Construction	527	527	528	527	527	526	525	525	525	524	525	522	524
Manufacturing	6,043	6,035	6,035	6,030	6,028	6,010	6,026	5,972	5,953	5,935	5,936	5,937	5,946
Durable goods	2,791	2,784	2,783	2,776	2,771	2,763	2,759	2,739	2,734	2,723	2,721	2,721	2,729
Lumber and wood products	110	111	111	111	112	111	110	111	112	112	114	113	114
Furniture and fixtures	143	143	143	143	142	143	143	141	140	140	140	140	141
Stone, clay, and glass products	105	105	105	105	105	106	106	105	104	105	104	104	104
Primary metal industries	95	95	95	94	95	95	95	94	93	92	92	93	93
Fabricated metal products	297	297	297	297	297	296	295	294	293	292	291	293	294
Industrial machinery and equipment	429	426	427	427	428	426	426	422	424	422	423	423	424
Electronic and other electrical equipment	666	663	662	660	658	656	654	651	651	649	649	648	649
Transportation equipment	379	379	379	376	373	372	370	368	365	363	361	363	365
Instruments and related products	398	397	396	394	392	390	390	387	386	383	382	379	379
Miscellaneous manufacturing	169	168	168	169	169	168	170	166	166	165	165	165	166
Nondurable goods	3,252	3,251	3,252	3,254	3,257	3,247	3,267	3,233	3,219	3,212	3,215	3,216	3,217
Food and kindred products	542	541	542	545	546	542	550	542	530	532	535	535	537
Tobacco products	17	16	17	17	16	16	16	17	17	17	15	17	17
Textile mill products	327	328	328	328	326	327	327	324	324	321	323	324	324
Apparel and other textile products	801	802	803	799	801	798	807	789	784	782	781	778	777
Paper and allied products	167	167	167	168	169	168	167	167	168	167	167	168	168
Printing and publishing	671	669	669	670	672	669	671	668	671	669	670	671	671
Chemicals and allied products	330	330	330	331	331	332	332	332	332	333	333	333	333
Petroleum and coal products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Rubber and misc. plastics products	301	302	301	300	301	302	302	300	299	298	299	299	300
Leather and leather products	70	70	69	70	69	68	70	69	69	68	68	67	66
Service-producing	45,390	45,419	45,435	45,565	45,623	45,655	45,822	45,812	45,802	45,836	45,893	45,887	45,958
Transportation and public utilities	1,683	1,687	1,689	1,688	1,692	1,693	1,694	1,692	1,692	1,689	1,689	1,691	1,692
Wholesale trade	1,843	1,842	1,839	1,837	1,838	1,841	1,830	1,825	1,824	1,823	1,827	1,821	1,839
Retail trade	10,182	10,195	10,168	10,199	10,189	10,170	10,179	10,142	10,116	10,125	10,082	10,110	10,157
Finance, insurance, and real estate	4,227	4,234	4,238	4,236	4,239	4,235	4,228	4,224	4,234	4,232	4,230	4,225	4,231
Services	17,559	17,557	17,567	17,642	17,699	17,727	17,811	17,842	17,874	17,952	17,949	17,981	18,008
Government	9,896	9,904	9,934	9,963	9,966	9,989	10,080	10,087	10,062	10,042	10,105	10,082	10,081
Federal	1,229	1,232	1,236	1,237	1,235	1,228	1,217	1,217	1,222	1,213	1,218	1,229	1,221
State	2,169	2,169	2,170	2,177	2,182	2,192	2,201	2,191	2,201	2,193	2,189	2,196	2,198
Local	6,498	6,503	6,528	6,549	6,549	6,569	6,662	6,679	6,639	6,636	6,698	6,657	6,662

¹ This series is 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.

NOTE: Establishment survey estimates are currently projected from March 1991 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P	Mar. ^P
Total private	72,592	72,777	72,887	72,859	72,918	72,766	72,810	72,953	72,966	73,105	73,296	73,604	73,550
Goods-producing	16,373	16,383	16,407	16,347	16,348	16,262	16,209	16,207	16,225	16,228	16,258	16,349	16,297
Mining	461	457	452	449	447	444	440	443	442	439	438	427	429
Construction	3,506	3,514	3,545	3,520	3,509	3,511	3,499	3,529	3,509	3,505	3,478	3,572	3,519
Manufacturing	12,406	12,412	12,410	12,378	12,392	12,307	12,270	12,235	12,274	12,284	12,342	12,350	12,349
Durable goods	6,909	6,903	6,896	6,876	6,867	6,828	6,809	6,789	6,819	6,822	6,867	6,867	6,857
Lumber and wood products	565	565	564	560	560	558	559	565	571	573	572	580	579
Furniture and fixtures	367	369	369	370	372	366	363	364	363	365	366	368	368
Stone, clay, and glass products	400	403	404	404	403	402	402	400	400	401	399	406	402
Primary metal industries	535	535	533	532	532	531	529	527	526	526	527	528	529
Blast furnaces and basic steel products	194	194	193	192	191	190	191	189	188	186	186	186	186
Fabricated metal products	984	985	985	981	979	979	975	970	974	971	982	984	983
Industrial machinery and equipment	1,161	1,165	1,172	1,169	1,164	1,161	1,166	1,160	1,165	1,165	1,166	1,166	1,166
Electronic and other electrical equipment	988	986	988	986	983	977	977	976	980	981	979	985	989
Transportation equipment	1,173	1,164	1,149	1,146	1,144	1,135	1,120	1,111	1,127	1,129	1,167	1,138	1,129
Motor vehicles and equipment	630	628	618	617	622	619	607	608	626	631	679	650	643
Instruments and related products	470	465	465	463	463	458	456	455	451	449	449	450	449
Miscellaneous manufacturing	266	266	267	265	267	261	262	261	262	262	260	262	263
Nondurable goods	5,497	5,509	5,514	5,502	5,525	5,479	5,461	5,446	5,455	5,462	5,475	5,483	5,492
Food and kindred products	1,211	1,222	1,221	1,218	1,229	1,216	1,204	1,205	1,211	1,212	1,220	1,221	1,221
Tobacco products	37	37	37	37	37	39	37	35	37	37	37	36	36
Textile mill products	586	585	583	582	583	578	580	573	577	579	577	578	576
Apparel and other textile products	858	857	861	856	867	848	843	840	840	841	843	842	844
Paper and allied products	517	519	521	519	519	517	521	518	517	516	517	517	518
Printing and publishing	841	842	842	840	841	840	841	838	838	840	838	841	841
Chemicals and allied products	568	567	568	567	563	563	560	561	559	560	561	560	563
Petroleum and coal products	103	103	102	101	101	100	100	100	100	99	100	100	100
Rubber and misc. plastics products	676	676	679	683	684	679	676	675	679	681	686	691	695
Leather and leather products	100	101	100	99	101	99	99	99	99	97	96	97	98
Service-producing	56,219	56,394	56,480	56,512	56,570	56,504	56,601	56,746	56,741	56,877	57,038	57,255	57,253
Transportation and public utilities	4,795	4,791	4,790	4,794	4,789	4,770	4,789	4,786	4,789	4,805	4,827	4,830	4,833
Wholesale trade	4,805	4,810	4,815	4,813	4,800	4,791	4,791	4,803	4,814	4,807	4,832	4,843	4,842
Retail trade	16,808	16,874	16,872	16,874	16,883	16,815	16,833	16,839	16,828	16,878	16,944	17,070	17,043
Finance, insurance, and real estate	4,820	4,826	4,826	4,818	4,811	4,812	4,823	4,830	4,831	4,836	4,846	4,843	4,842
Services	24,991	25,093	25,177	25,213	25,287	25,316	25,365	25,488	25,479	25,551	25,589	25,669	25,693

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 1991 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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	59.1	58.8	53.8	46.9	49.3	47.8	43.5	41.4	40.3	40.2	38.2	37.1
1991	37.9	37.6	36.1	41.3	50.7	45.1	48.7	51.4	50.0	47.1	46.8	46.9
1992	43.5	47.9	47.5	58.4	51.4	45.2	49.6	42.6	49.9	50.1	49.7	53.7
1993	55.1	^P 61.1	^P 48.6									
Over 3-month span:												
1990	61.2	61.1	54.8	48.0	45.6	45.2	40.9	35.7	33.8	33.1	32.6	32.3
1991	31.3	28.7	31.7	38.3	41.0	45.6	48.0	51.4	48.5	46.3	44.4	42.7
1992	44.8	44.1	53.2	54.9	54.4	47.6	41.6	44.4	44.1	48.2	51.8	55.2
1993	^P 63.2	^P 58.1										
Over 6-month span:												
1990	58.6	55.1	54.2	50.0	43.7	39.0	37.2	34.7	31.9	30.6	29.1	27.9
1991	27.9	29.2	28.2	33.0	38.9	44.0	47.2	46.3	46.9	46.1	44.0	43.4
1992	47.8	50.6	49.7	51.1	47.3	49.3	42.8	42.0	46.2	47.6	^P 56.6	^P 56.3
1993												
Over 12-month span:												
1990	53.7	51.4	48.9	46.6	43.0	40.0	37.1	33.7	32.3	30.6	28.9	27.7
1991	27.4	28.5	28.1	29.9	32.2	33.4	35.7	39.0	42.8	46.3	47.6	47.8
1992	49.2	44.1	45.2	43.8	44.9	45.6	47.6	^P 54.1	^P 51.4			
1993												
Manufacturing payrolls, 139 industries¹												
Over 1-month span:												
1990	47.8	51.1	48.2	45.3	41.7	42.8	39.9	36.7	34.2	33.5	29.5	31.7
1991	35.6	33.5	30.6	40.6	46.0	43.9	49.6	50.7	42.8	46.4	45.3	46.0
1992	39.6	43.9	43.2	57.6	46.4	42.4	51.4	36.7	45.7	39.2	51.1	48.9
1993	52.2	^P 57.6	^P 48.6									
Over 3-month span:												
1990	48.6	49.3	48.6	41.0	37.8	37.1	32.4	27.7	25.2	21.9	19.8	22.7
1991	23.4	21.6	21.6	32.4	36.3	43.5	52.2	49.6	46.4	42.4	42.1	37.4
1992	37.8	36.3	48.9	49.3	50.4	46.4	35.6	36.7	31.7	40.6	43.2	52.2
1993	^P 57.6	^P 57.6										
Over 6-month span:												
1990	45.3	41.4	41.7	42.8	33.1	29.5	23.7	21.2	18.7	19.4	18.0	16.2
1991	17.3	20.5	21.9	25.9	34.9	40.6	45.3	44.6	45.3	39.9	36.0	36.0
1992	41.4	43.2	41.4	47.8	41.7	42.4	29.9	30.9	33.1	35.3	^P 48.6	^P 51.4
1993												
Over 12-month span:												
1990	35.3	32.7	31.7	32.7	26.3	23.4	23.0	19.4	18.3	15.8	14.7	15.5
1991	17.6	19.4	18.0	19.4	24.1	25.2	25.9	28.8	37.4	40.6	41.4	38.1
1992	42.8	32.4	34.9	30.6	32.4	33.8	35.3	^P 43.5	^P 43.9			
1993												

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

^P = preliminary.

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

indicates an equal balance between industries with increasing and decreasing employment. Establishment survey estimates are currently projected from March 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1991) and all seasonally adjusted data (beginning January 1988) are subject to revision.

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

B-8. Employees on nonfarm payrolls in States and selected areas by major industry

(In thousands)

State and area	Total			Mining			Construction		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Alabama	1,643.6	1,676.0	1,685.9	11.6	10.8	10.8	71.2	72.4	74.0
Birmingham	420.9	429.2	429.9	5.5	5.0	5.0	21.0	21.3	21.5
Huntsville	135.8	140.4	141.0	(¹)	(¹)	(¹)	4.6	4.2	4.5
Mobile	184.5	190.8	192.0	(¹)	(¹)	(¹)	12.1	12.4	12.9
Montgomery	137.2	138.7	140.1	(¹)	(¹)	(¹)	6.1	6.0	6.1
Tuscaloosa	66.5	66.1	67.2	3.1	2.5	2.5	3.1	3.2	3.2
Alaska	235.1	239.6	238.2	10.5	9.9	9.9	7.2	7.5	7.7
Anchorage	110.4	111.0	112.0	3.6	3.2	3.2	4.0	4.2	4.4
Arizona	1,502.8	1,523.0	1,544.7	12.5	12.5	12.4	73.9	78.3	80.3
Phoenix	979.7	988.8	1,000.8	.7	.8	.8	48.2	51.6	52.9
Tucson	264.7	268.7	273.0	2.3	2.1	2.1	13.6	14.7	15.1
Arkansas	941.5	961.4	968.4	3.5	3.5	3.6	34.5	35.8	35.6
Fayetteville-Springdale	57.9	60.1	61.1	(¹)	(¹)	(¹)	2.1	2.2	2.2
Fort Smith	80.4	81.8	82.6	.8	.7	.8	2.7	2.8	2.8
Little Rock-North Little Rock	258.1	264.6	265.8	(¹)	(¹)	(¹)	10.4	10.5	10.6
Pine Bluff	34.3	33.9	34.1	(¹)	(¹)	(¹)	.9	.8	.9
California	12,078.1	11,998.3	11,942.4	35.0	32.5	32.5	446.7	420.1	427.8
Anaheim-Santa Ana	1,116.2	1,095.2	1,101.1	1.2	1.0	1.0	44.4	39.3	40.8
Bakersfield	172.5	170.3	170.7	12.1	11.0	11.0	8.6	8.6	8.4
Fresno	223.3	223.1	223.7	.7	.4	.4	11.1	10.1	10.4
Los Angeles-Long Beach	3,818.0	3,756.5	3,770.1	7.9	7.9	7.9	103.4	97.6	98.9
Modesto	115.7	116.8	116.3	(²)	(²)	(²)	5.5	5.7	5.8
Oakland	864.6	852.4	856.4	3.3	3.0	3.0	38.7	39.1	38.6
Oxnard-Ventura	223.6	219.7	220.7	2.0	1.8	1.8	9.4	9.0	9.2
Riverside-San Bernardino	725.7	705.9	709.0	1.3	1.2	1.3	37.6	33.1	34.7
Sacramento	616.6	614.0	614.8	.7	.6	.7	26.3	23.7	23.8
Salinas-Seaside-Monterey	107.4	106.5	106.1	.3	.3	.3	3.5	3.6	3.4
San Diego	943.4	927.4	928.5	.5	.5	.5	41.8	36.3	38.0
San Francisco	907.8	905.7	905.6	.6	.6	.6	26.7	26.3	26.5
San Jose	780.3	767.9	768.1	.2	.2	.2	24.8	25.9	25.5
Santa Barbara-Santa Maria-Lompoc	145.2	139.5	140.4	1.1	1.0	1.0	5.8	4.6	4.8
Santa Rosa-Petaluma	139.3	139.5	141.0	.5	.5	.5	6.9	6.9	7.2
Stockton	149.2	151.2	151.9	.1	.1	.1	5.5	5.3	5.5
Vallejo-Fairfield-Napa	137.8	136.7	136.9	.4	.4	.4	8.7	8.5	8.5
Colorado	1,558.0	1,592.1	1,604.5	16.7	16.0	15.7	63.6	66.0	69.2
Boulder-Longmont	123.6	128.0	129.1	(¹)	(¹)	(¹)	4.0	4.1	4.0
Denver	851.4	866.7	871.7	9.5	8.3	8.3	35.6	37.7	38.6
Connecticut	1,508.3	1,486.6	1,486.6	.8	.9	.8	39.6	41.4	40.4
Bridgeport-Milford	175.5	173.2	172.0	(²)	(²)	(²)	4.3	4.2	4.0
Hartford	434.3	421.3	420.0	(¹)	(¹)	(¹)	10.2	9.9	9.5
New Britain	59.7	59.4	59.3	(²)	(²)	(²)	2.8	3.0	2.9
New Haven-Meriden	235.1	228.2	229.2	(¹)	(¹)	(¹)	7.0	6.9	7.0
Stamford	111.9	111.6	111.0	(¹)	(¹)	(¹)	2.9	2.6	2.5
Waterbury	78.2	80.3	79.4	(²)	(²)	(²)	2.1	1.9	1.8
Delaware	329.8	341.2	340.3	.1	.1	.1	14.9	17.6	17.4
Wilmington	280.7	286.5	286.7	.2	.2	.2	13.2	13.9	13.9
District of Columbia	667.4	669.7	673.1	.1	.1	.1	9.1	8.7	9.0
Washington MSA	2,149.3	2,170.1	2,172.4	.6	.6	.6	91.7	90.9	90.6
Florida	5,308.8	5,386.4	5,441.8	7.1	6.7	6.7	253.9	271.7	274.5
Daytona Beach	124.3	123.8	126.4	(²)	(²)	(²)	6.3	6.2	6.2
Fort Lauderdale-Hollywood-Pompano Beach	507.9	526.9	530.3	.2	.2	.2	24.5	28.9	30.0
Fort Myers-Cape Coral	127.5	129.1	130.5	(²)	(²)	(²)	9.5	10.8	10.9
Gainesville	101.6	102.5	104.2	(²)	(²)	(²)	3.5	3.8	3.8
Jacksonville	413.7	415.4	417.9	(²)	(²)	(²)	21.5	22.7	23.0
Lakeland-Winter Haven	149.0	149.1	150.4	3.2	3.1	3.0	7.0	6.6	6.9
Melbourne-Titusville-Palm Bay	162.0	160.4	161.7	(²)	(²)	(²)	8.1	7.6	7.7
Miami-Hialeah	847.3	889.0	876.2	.6	.6	.6	28.3	36.8	38.7
Orlando	582.5	572.0	578.6	(²)	(²)	(²)	26.7	28.6	28.6
Pensacola	130.4	132.5	133.6	(²)	(²)	(²)	7.6	7.3	7.5
Sarasota	116.0	116.7	117.2	(²)	(²)	(²)	7.0	7.2	7.2
Tallahassee	127.8	127.8	129.9	(²)	(²)	(²)	5.4	5.2	5.0
Tampa-St. Petersburg-Clearwater	857.9	869.1	876.5	.5	.4	.4	40.1	39.6	39.2
West Palm Beach-Boca Raton-Deer Beach	359.1	362.0	362.5	(²)	(²)	(²)	18.2	19.5	19.0

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Alabama	376.1	381.2	381.4	81.8	81.6	81.5	353.9	366.4	366.0
Birmingham	54.2	54.0	54.2	30.7	30.4	30.2	99.9	102.9	103.0
Huntsville	31.2	32.3	32.1	3.2	3.2	3.2	25.4	26.4	26.5
Mobile	27.5	27.7	27.6	11.0	10.6	10.6	46.8	48.8	48.8
Montgomery	16.4	17.2	17.1	5.8	5.7	5.7	30.4	31.6	31.8
Tuscaloosa	9.9	10.0	10.0	2.2	2.2	2.2	13.7	14.0	14.0
Alaska	16.8	13.7	16.1	21.0	21.1	21.2	44.5	45.5	45.4
Anchorage	1.9	1.7	1.6	11.7	11.7	11.7	25.1	25.6	25.4
Arizona	171.5	170.1	170.1	79.9	77.2	77.8	372.3	380.2	380.1
Phoenix	127.7	126.6	126.5	55.5	52.8	53.2	246.5	248.2	248.6
Tucson	24.5	23.5	23.8	10.5	11.2	11.2	61.8	64.9	64.2
Arkansas	233.0	237.4	238.8	54.6	55.1	55.1	205.0	213.0	212.9
Fayetteville-Springdale	14.0	14.7	14.9	4.5	4.5	4.5	12.9	13.7	13.6
Fort Smith	24.3	24.8	24.8	4.9	5.2	5.3	16.3	16.8	16.7
Little Rock-North Little Rock	32.5	33.1	33.4	16.9	17.3	17.2	60.1	61.7	61.5
Pine Bluff	7.1	7.1	7.1	2.3	2.2	2.2	7.0	6.9	6.9
California	1,901.5	1,820.2	1,819.5	601.4	597.2	596.1	2,804.2	2,789.5	2,774.2
Anaheim-Santa Ana	220.9	212.4	211.3	34.8	35.5	35.3	278.2	276.9	275.5
Bakersfield	10.4	10.1	10.0	8.5	8.5	8.5	41.1	40.8	40.4
Fresno	23.8	24.3	24.1	12.0	11.9	11.9	55.5	56.2	55.6
Los Angeles-Long Beach	729.8	687.5	686.7	202.7	199.9	199.8	850.0	845.2	844.5
Modesto	22.9	22.9	22.8	5.2	5.1	5.1	30.0	30.4	30.1
Oakland	109.4	105.6	106.1	54.2	53.4	53.4	204.2	201.2	198.8
Oxnard-Ventura	31.3	30.7	31.0	10.6	10.6	10.4	53.2	52.4	51.9
Riverside-San Bernardino	87.2	83.4	83.9	35.8	36.1	36.3	186.0	184.0	183.3
Sacramento	42.0	41.1	41.5	28.7	28.9	28.6	140.3	141.3	139.3
Salinas-Seaside-Monterey	8.2	8.5	8.5	4.9	4.9	4.9	28.2	27.8	27.6
San Diego	128.1	119.5	118.8	34.4	34.9	35.0	217.3	216.9	214.9
San Francisco	74.3	75.6	76.1	77.0	76.7	76.9	193.7	193.3	191.0
San Jose	236.7	227.4	226.8	21.9	22.2	22.2	156.3	155.6	153.4
Santa Barbara-Santa Maria-Lompoc	20.0	18.3	18.5	5.3	5.0	4.9	32.9	31.9	31.7
Santa Rosa-Petaluma	19.7	20.3	20.2	5.7	5.7	5.8	35.0	35.1	34.9
Stockton	21.1	20.5	20.6	9.4	9.5	9.6	35.4	37.9	37.5
Vallejo-Fairfield-Napa	12.6	12.2	12.2	5.2	5.6	5.6	34.3	34.9	34.4
Colorado	184.0	182.8	182.0	97.9	100.0	99.9	374.3	388.3	387.7
Boulder-Longmont	27.3	28.4	28.4	3.0	3.1	3.1	25.3	27.2	27.5
Denver	90.8	88.5	88.6	70.5	72.0	71.9	205.1	212.9	211.9
Connecticut	309.8	296.9	296.2	66.5	66.7	66.1	326.4	326.6	320.7
Bridgeport-Milford	46.4	45.3	45.3	7.3	7.1	6.8	39.4	39.2	38.4
Hartford	73.6	66.0	66.7	18.2	17.4	17.4	91.4	91.1	89.6
New Britain	16.6	16.1	15.8	2.6	2.5	2.3	12.5	12.7	12.9
New Haven-Meriden	42.5	41.4	41.1	15.5	15.8	15.9	47.9	47.3	47.3
Stamford	17.5	17.0	16.8	5.1	4.8	4.8	26.1	26.2	26.0
Waterbury	17.7	17.3	17.4	3.1	3.3	3.2	15.8	16.8	16.1
Delaware	67.7	66.8	66.5	14.5	14.6	14.3	70.1	73.9	72.9
Wilmington	58.4	57.2	56.9	16.1	16.5	16.2	55.7	57.7	57.0
District of Columbia	13.9	13.8	13.7	22.8	22.7	22.5	53.9	52.2	52.2
Washington MSA	78.5	78.9	78.6	102.0	100.8	100.2	400.3	402.1	398.9
Florida	482.8	479.4	481.9	270.9	273.6	276.3	1,402.3	1,425.7	1,434.5
Daytona Beach	11.4	11.3	11.3	3.7	3.7	3.8	35.8	35.3	36.1
Fort Lauderdale-Hollywood-Pompano Beach	38.4	40.3	40.2	24.9	25.5	25.8	147.4	152.7	153.5
Fort Myers-Cape Coral	5.2	5.3	5.3	5.8	5.8	5.9	37.0	36.6	37.1
Gainesville	5.4	5.7	5.8	2.0	2.0	2.0	21.4	21.5	21.6
Jacksonville	33.2	33.9	33.9	30.7	30.1	30.5	108.0	107.3	107.6
Lakeland-Winter Haven	20.9	20.7	20.7	7.7	7.4	7.5	41.0	42.2	42.6
Melbourne-Titusville-Palm Bay	28.9	28.4	28.6	4.6	4.7	4.7	36.0	35.9	35.9
Miami-Hialeah	82.8	83.3	84.6	63.5	68.2	69.1	225.2	230.7	230.4
Orlando	47.0	45.1	45.5	31.6	33.7	33.5	141.0	143.2	144.9
Pensacola	11.0	10.9	11.1	6.2	6.0	6.1	30.9	31.0	31.2
Sarasota	7.4	7.3	7.2	3.8	3.8	3.8	33.5	33.3	33.6
Tallahassee	4.2	4.3	4.3	3.3	3.1	3.1	26.4	26.4	26.5
Tampa-St. Petersburg-Clearwater	84.8	83.9	84.0	40.6	38.9	39.4	227.7	230.4	231.9
West Palm Beach-Boca Raton-Delray Beach	33.5	31.6	31.6	14.2	14.5	14.6	97.9	99.7	100.2

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Alabama	73.3	73.7	73.5	337.3	350.4	353.4	338.4	341.5	345.3
Birmingham	29.9	30.4	30.2	110.4	114.1	114.6	69.3	71.1	71.2
Huntsville	4.0	4.0	4.0	34.9	36.9	37.0	32.5	33.4	33.7
Mobile	8.1	7.9	7.9	46.7	50.6	51.4	32.3	32.8	32.8
Montgomery	8.2	7.9	8.0	33.2	34.1	34.5	37.1	36.2	36.9
Tuscaloosa	2.1	2.2	2.2	10.7	9.9	10.4	21.7	22.1	22.7
Alaska	10.3	10.6	10.6	51.1	52.0	52.9	73.7	73.3	74.4
Anchorage	6.4	6.5	6.5	29.3	29.5	30.2	28.4	28.6	29.0
Arizona	91.9	94.7	94.8	416.8	428.6	432.0	283.8	281.4	297.2
Phoenix	73.0	74.9	75.1	282.8	288.6	290.9	145.3	145.3	152.8
Tucson	11.4	11.6	11.6	77.2	79.3	80.0	63.4	61.4	65.0
Arkansas	38.0	39.1	38.9	202.7	207.6	210.0	170.2	169.9	173.5
Fayetteville-Springdale	1.6	1.8	1.8	11.3	12.0	12.0	11.5	11.2	12.1
Fort Smith	2.5	2.6	2.6	19.7	19.9	20.2	9.2	9.0	9.4
Little Rock-North Little Rock	15.4	15.9	15.9	69.8	72.3	72.8	53.0	53.8	54.4
Pine Bluff	1.2	1.2	1.2	7.4	7.5	7.5	8.4	8.2	8.3
California	789.4	779.6	780.2	3,380.5	3,386.1	3,421.1	2,119.4	2,073.1	2,091.0
Anaheim-Santa Ana	93.5	93.0	93.2	312.0	311.3	315.0	131.2	125.8	129.0
Bakersfield	5.8	5.6	5.6	39.6	40.1	40.7	46.4	45.6	46.1
Fresno	13.2	12.9	12.8	54.6	53.9	54.5	52.4	53.4	54.0
Los Angeles-Long Beach	257.3	248.4	247.5	1,121.0	1,133.3	1,147.1	545.9	536.7	537.7
Modesto	4.8	5.1	4.9	26.0	25.9	26.2	21.3	21.7	21.6
Oakland	56.8	56.9	57.2	226.9	226.4	229.8	171.1	166.8	169.5
Oxnard-Ventura	12.1	12.3	12.2	60.0	59.8	60.2	45.0	43.1	44.0
Riverside-San Bernardino	31.2	30.4	30.4	166.3	162.3	163.3	160.3	155.4	155.8
Sacramento	41.9	42.2	42.0	150.4	150.9	152.0	186.3	185.3	186.9
Salinas-Seaside-Monterey	6.3	6.5	6.5	27.9	27.9	27.7	28.1	27.0	27.2
San Diego	60.9	60.7	60.6	278.8	278.9	280.1	181.6	179.7	180.6
San Francisco	101.4	101.7	102.0	298.3	301.4	301.7	135.8	130.1	130.8
San Jose	31.5	30.9	30.9	219.9	220.5	223.4	89.0	85.2	85.7
Santa Barbara-Santa Maria-Lompoc	7.6	7.7	7.5	42.5	41.5	41.9	30.0	29.5	30.1
Santa Rosa-Petaluma	9.3	9.5	9.5	36.0	36.3	36.7	26.2	25.2	26.2
Stockton	9.0	8.9	8.9	34.0	34.2	34.4	34.7	34.8	35.3
Vallejo-Fairfield-Napa	5.1	5.0	5.0	33.9	33.9	34.1	37.6	36.2	36.7
Colorado	98.1	101.4	101.6	431.3	446.7	448.6	292.1	288.9	299.8
Boulder-Longmont	4.4	4.7	4.7	34.9	36.5	36.8	24.7	24.0	24.6
Denver	65.5	67.0	67.2	237.7	243.1	244.1	136.7	137.2	141.1
Connecticut	142.7	138.3	138.0	414.4	411.9	416.2	208.1	203.9	208.2
Bridgeport-Milford	10.4	10.1	10.0	48.8	48.3	48.5	18.9	19.0	19.0
Hartford	70.7	68.7	68.5	106.9	106.4	105.9	63.3	61.8	62.4
New Britain	4.0	4.0	4.0	14.3	14.1	14.2	6.9	7.0	7.2
New Haven-Meriden	15.0	13.9	13.7	75.0	70.5	70.9	32.2	32.4	33.3
Stamford	13.5	13.2	13.3	36.5	37.2	36.9	10.3	10.6	10.7
Waterbury	4.1	4.3	4.3	23.1	24.3	24.2	12.3	12.4	12.4
Delaware	32.6	33.3	33.6	81.6	86.4	86.0	48.3	48.5	49.5
Wilmington	28.8	29.8	30.2	70.3	73.6	73.4	38.0	37.6	38.9
District of Columbia	33.8	33.5	32.7	252.6	250.4	255.1	281.2	288.3	287.8
Washington MSA	126.2	126.8	126.5	746.2	756.8	762.0	603.8	613.2	615.0
Florida	350.6	350.2	352.0	1,667.8	1,704.4	1,728.3	873.4	874.7	887.6
Daytona Beach	5.6	5.4	5.5	39.1	38.7	39.9	22.4	23.2	23.6
Fort Lauderdale-Hollywood-Pompano Beach	39.4	38.8	38.7	159.7	166.3	166.7	73.4	74.2	75.2
Fort Myers-Cape Coral	8.1	7.8	7.9	40.6	41.5	42.0	21.2	21.2	21.3
Gainesville	4.3	4.4	4.4	26.5	26.7	27.0	38.4	38.3	39.5
Jacksonville	43.4	44.5	44.6	113.7	115.4	116.6	62.8	61.1	61.3
Lakeland-Winter Haven	7.6	7.6	7.7	38.2	38.2	38.6	23.4	23.3	23.4
Melbourne-Titusville-Palm Bay	4.9	4.9	4.9	55.1	55.1	55.2	24.4	23.8	24.7
Miami-Hialeah	63.0	62.4	62.6	259.4	261.6	264.0	124.5	125.4	126.0
Orlando	34.2	34.2	34.2	211.8	216.8	220.6	70.1	70.2	71.1
Pensacola	5.2	5.2	5.2	38.1	40.8	41.0	31.1	30.9	31.1
Sarasota	7.8	7.5	7.5	42.7	44.1	44.2	13.8	13.5	13.7
Tallahassee	5.1	5.2	5.2	26.9	30.1	30.3	54.3	53.3	55.3
Tampa-St. Petersburg-Clearwater	62.3	62.3	62.1	282.5	294.7	296.3	119.4	118.9	121.2
West Palm Beach-Boca Raton-DeLray Beach	25.2	26.1	26.0	122.4	122.2	122.9	47.7	48.2	48.2

See footnotes at end of table.

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

B-8. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Georgia	2,911.3	3,006.2	3,011.7	7.4	7.4	7.4	116.1	117.7	120.9
Albany	49.6	51.2	51.3	(²)	(²)	(²)	2.3	2.8	2.9
Athens	67.2	69.4	69.9	.1	.1	.1	2.0	1.9	2.0
Atlanta	1,456.8	1,526.1	1,531.2	1.0	1.1	1.1	58.8	63.0	66.1
Augusta	177.2	182.4	182.2	.5	.5	.5	10.9	12.9	12.9
Columbus	94.4	97.0	97.8	.1	.1	.1	3.4	3.2	3.3
Macon-Warner Robins	123.3	126.8	126.8	.1	.1	.1	4.2	3.7	3.7
Savannah	111.3	117.8	117.8	(²)	(²)	(²)	5.7	5.9	5.8
Hawaii	543.2	532.7	537.2	(¹)	(¹)	(¹)	30.9	31.2	31.6
Honolulu	417.9	410.6	414.4	(¹)	(¹)	(¹)	23.7	22.9	23.2
Idaho	398.8	412.8	416.0	2.5	2.4	2.4	17.7	20.6	20.7
Boise City	112.5	118.1	119.4	(¹)	(¹)	(¹)	6.3	6.9	7.0
Illinois	5,110.2	5,136.1	5,148.5	16.9	17.1	16.1	169.7	174.6	174.0
Aurora-Elgin	146.8	150.3	150.0	(¹)	(¹)	(¹)	6.5	6.8	6.7
Bloomington-Normal	70.3	70.5	71.7	(¹)	(¹)	(¹)	1.7	1.9	1.8
Champaign-Urbana-Rantoul	91.8	88.9	92.7	(¹)	(¹)	(¹)	2.3	2.8	2.6
Chicago	3,046.5	3,053.0	3,054.6	1.5	1.3	1.3	95.7	98.1	97.1
Davenport-Rock Island-Moline	160.9	163.1	162.9	(¹)	(¹)	(¹)	6.8	7.1	7.1
Decatur	51.8	54.4	54.3	(¹)	(¹)	(¹)	2.7	2.9	2.8
Joliet	110.8	114.6	114.3	(¹)	(¹)	(¹)	6.9	7.2	7.2
Kankakee	36.9	37.9	38.0	(¹)	(¹)	(¹)	1.4	1.4	1.4
Lake County	226.5	229.6	229.5	(¹)	(¹)	(¹)	9.8	9.9	9.8
Peoria	143.1	150.0	150.1	(¹)	(¹)	(¹)	5.6	6.2	6.0
Rockford	131.8	135.6	134.8	(¹)	(¹)	(¹)	4.1	4.4	4.2
Springfield	106.1	107.1	107.3	(¹)	(¹)	(¹)	3.9	4.2	4.1
Indiana	2,483.9	2,522.4	2,525.1	6.9	6.4	5.7	98.1	100.0	98.3
Anderson	48.9	49.4	48.9	(¹)	(¹)	(¹)	1.2	1.5	1.3
Bloomington	56.3	57.6	58.2	(¹)	(¹)	(¹)	2.1	2.8	2.9
Elkhart-Goshen	96.7	99.5	100.0	(¹)	(¹)	(¹)	2.8	2.6	2.5
Evansville	134.1	137.8	138.4	1.8	1.7	1.3	6.6	6.9	7.1
Fort Wayne	199.0	200.6	200.2	(¹)	(¹)	(¹)	8.0	7.9	7.8
Gary-Hammond	239.1	241.0	241.6	(¹)	(¹)	(¹)	13.0	12.6	12.4
Indianapolis	660.1	676.0	677.0	.7	.7	.7	30.4	31.3	30.9
Kokomo	46.3	47.7	47.9	(¹)	(¹)	(¹)	.9	.9	1.0
Lafayette-West Lafayette	71.4	72.1	72.4	(¹)	(¹)	(¹)	2.1	2.5	2.4
Muncie	55.8	55.2	55.3	(¹)	(¹)	(¹)	1.9	1.6	1.8
South Bend-Mishawaka	115.4	118.1	117.8	(¹)	(¹)	(¹)	5.3	5.5	5.4
Terre Haute	59.7	60.4	59.8	.3	.4	.4	2.7	2.9	2.6
Iowa	1,220.4	1,231.7	1,235.3	1.8	1.9	2.0	37.1	39.0	38.4
Cedar Rapids	94.6	95.5	95.5	(¹)	(¹)	(¹)	4.3	4.7	4.6
Des Moines	233.9	242.6	243.6	(¹)	(¹)	(¹)	7.7	9.3	9.2
Dubuque	45.2	47.0	46.7	(¹)	(¹)	(¹)	1.3	1.4	1.4
Iowa City	55.7	57.6	56.3	(¹)	(¹)	(¹)	1.5	1.5	1.5
Sioux City	56.3	58.5	58.5	(¹)	(¹)	(¹)	1.9	2.5	2.5
Waterloo-Cedar Falls	71.2	73.0	73.4	(¹)	(¹)	(¹)	2.2	2.6	2.5
Kansas	1,093.9	1,108.9	1,119.1	9.1	8.3	8.3	39.3	39.4	40.4
Lawrence	39.3	38.1	39.7	(¹)	(¹)	(¹)	1.4	1.0	1.1
Topeka	90.7	91.2	91.7	(¹)	(¹)	(¹)	3.1	2.9	2.9
Wichita	246.0	245.2	244.9	1.7	1.7	1.7	10.8	11.0	10.9
Kentucky	1,470.2	1,502.1	1,505.5	30.0	28.7	27.5	59.8	61.6	63.3
Lexington-Fayette	203.4	208.7	209.7	.2	.2	.2	9.4	10.2	10.3
Louisville	480.5	487.2	488.9	.5	.5	.5	20.9	21.2	21.6
Owensboro	37.3	37.6	37.8	.5	.5	.5	2.1	2.1	2.2
Louisiana	1,600.7	1,608.8	1,615.1	49.2	44.2	44.2	95.3	96.7	97.6
Alexandria	46.7	47.7	47.9	.1	.1	.1	2.8	2.6	2.8
Baton Rouge	245.9	248.4	251.3	.8	.8	.8	28.8	30.3	30.7
Houma-Thibodaux	57.3	56.4	55.9	4.8	3.9	3.8	3.2	2.9	3.0
Lafayette	98.4	99.1	100.1	11.0	10.6	10.6	4.3	4.6	4.8
Lake Charles	70.2	69.7	69.8	1.0	.9	.9	8.3	7.9	7.8
Monroe	60.9	60.6	60.6	.5	.4	.4	3.3	3.0	3.1
New Orleans	533.9	535.1	535.2	14.1	13.6	13.6	22.6	22.3	22.3
Shreveport	131.5	139.7	139.7	2.8	2.7	2.8	6.0	6.5	6.5

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^a	Feb. 1992	Jan. 1993	Feb. 1993 ^a	Feb. 1992	Jan. 1993	Feb. 1993 ^a
Georgia	536.1	546.9	545.0	194.1	200.0	200.1	711.4	750.2	747.6
Albany	7.9	7.6	7.6	2.4	2.5	2.5	11.8	13.0	12.7
Athens	14.6	14.9	14.8	1.8	1.8	1.8	15.1	16.8	16.9
Atlanta	166.0	173.3	172.8	130.9	133.4	133.9	392.6	420.9	419.5
Augusta	41.4	41.9	41.8	5.0	5.0	5.1	37.4	38.7	38.2
Columbus	20.1	20.8	21.2	3.3	3.5	3.5	20.4	20.9	20.8
Macon-Warner Robins	17.8	18.3	18.3	4.8	4.8	4.8	28.0	29.5	29.3
Savannah	16.3	16.8	16.6	10.7	10.6	10.4	25.9	27.8	27.9
Hawaii	19.8	18.8	18.8	43.2	43.1	42.8	135.9	132.3	132.7
Honolulu	14.5	14.0	13.8	35.3	35.5	35.2	101.8	100.1	100.4
Idaho	63.5	66.7	66.4	19.8	20.3	20.5	100.7	105.3	104.8
Boise City	17.0	18.9	19.0	6.1	6.0	6.1	27.8	28.8	28.6
Illinois	904.2	917.3	918.8	297.2	299.6	299.7	1,209.4	1,217.7	1,208.1
Aurora-Elgin	35.9	38.6	38.5	3.4	3.6	3.6	36.8	36.9	36.4
Bloomington-Normal	7.4	6.9	7.0	2.9	3.0	3.0	16.0	15.9	15.9
Champaign-Urbana-Rantoul	9.9	10.1	10.2	2.3	2.3	2.3	19.8	19.8	19.6
Chicago	507.2	504.9	505.5	196.9	197.7	197.4	718.9	718.7	717.0
Davenport-Rock Island-Moline	26.9	26.2	26.5	7.5	7.4	7.5	46.9	49.2	48.4
Decatur	12.3	14.2	14.1	4.8	4.8	4.8	11.4	12.0	11.8
Joliet	20.7	21.0	21.0	9.0	9.3	9.3	25.7	26.7	26.3
Kankakee	6.3	6.2	6.2	1.5	1.5	1.5	9.2	9.4	9.3
Lake County	50.1	51.3	51.5	7.6	7.7	7.7	61.1	62.7	61.7
Peoria	27.2	31.7	31.7	7.5	7.7	7.6	34.7	35.7	35.3
Rockford	40.1	42.3	41.2	4.8	4.8	4.8	29.8	30.6	30.2
Springfield	4.1	4.1	4.2	5.0	4.9	4.9	23.5	23.7	23.6
Indiana	616.5	628.5	625.8	128.5	127.6	126.6	579.7	590.0	587.0
Anderson	15.3	14.6	14.3	1.1	1.2	1.2	11.0	11.3	11.2
Bloomington	8.7	9.1	8.8	1.6	1.6	1.6	12.7	13.4	13.4
Elkhart-Goshen	50.1	51.2	51.8	2.7	2.4	2.4	17.7	18.9	18.6
Evansville	30.7	30.9	30.8	6.6	6.5	6.5	34.2	35.7	35.6
Fort Wayne	50.4	51.5	51.3	13.3	13.3	13.2	48.3	48.3	47.9
Gary-Hammond	52.9	52.6	51.7	17.3	17.4	17.4	56.1	58.8	58.7
Indianapolis	106.7	109.1	108.2	40.1	40.1	40.0	168.1	174.0	174.1
Kokomo	18.9	18.9	19.1	1.3	1.3	1.3	9.6	10.3	10.3
Lafayette-West Lafayette	14.1	14.8	14.8	2.0	2.2	2.2	14.1	14.2	14.0
Muncie	10.8	10.6	10.6	4.2	4.2	3.7	11.9	12.1	11.9
South Bend-Mishawaka	19.8	20.7	20.7	5.4	5.4	5.4	28.9	29.6	29.5
Terre Haute	10.7	11.3	11.2	2.6	2.5	2.5	16.2	16.8	16.3
Iowa	226.7	229.5	230.3	53.3	53.2	53.3	306.6	311.3	309.5
Cedar Rapids	21.1	20.6	20.6	5.5	5.4	5.3	22.4	22.7	22.5
Des Moines	24.7	24.5	24.8	11.8	12.1	12.2	61.0	63.4	63.1
Dubuque	12.2	12.3	12.0	1.7	1.8	1.7	10.0	10.9	10.9
Iowa City	4.6	4.4	4.4	1.5	1.6	1.6	11.1	10.6	10.9
Sioux City	11.2	11.6	11.7	3.3	3.5	3.5	14.4	14.5	14.3
Waterloo-Cedar Falls	15.9	15.8	16.0	1.9	1.9	1.9	16.7	17.6	17.5
Kansas	182.0	179.1	178.8	64.0	64.3	64.4	264.5	273.6	273.6
Lawrence	4.6	4.6	4.7	1.0	.8	.9	9.4	9.2	9.3
Topeka	9.4	9.3	9.5	5.7	6.0	6.1	20.2	20.6	20.3
Wichita	61.8	58.7	58.2	11.6	11.6	11.6	55.8	56.7	56.3
Kentucky	282.6	289.7	289.2	79.4	82.1	81.7	341.8	354.0	352.0
Lexington-Fayette	32.1	33.7	33.6	8.5	8.9	8.8	45.2	47.3	46.5
Louisville	87.5	87.2	87.4	31.2	32.6	32.6	115.5	118.0	117.4
Owensboro	6.4	6.3	6.3	2.0	2.0	2.0	9.4	9.5	9.5
Louisiana	180.4	183.5	183.1	104.8	103.9	104.5	367.3	377.7	376.1
Alexandria	3.3	3.4	3.4	2.3	2.3	2.3	10.0	10.5	10.4
Baton Rouge	23.2	23.5	23.3	11.1	11.6	11.6	53.2	54.0	54.1
Houma-Thibodaux	4.8	4.4	4.3	6.0	5.5	5.4	14.3	14.6	14.4
Lafayette	9.1	9.7	9.6	5.9	6.0	6.1	26.2	26.3	26.3
Lake Charles	10.7	10.8	10.9	4.6	4.1	4.0	15.4	15.9	15.8
Monroe	8.1	8.2	8.1	2.8	2.9	2.9	14.8	15.2	15.1
New Orleans	44.7	43.8	43.5	40.6	39.4	39.7	134.2	136.2	135.6
Shreveport	14.7	17.2	17.1	7.7	7.9	7.9	31.7	34.2	34.0

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Georgia	160.7	162.5	162.6	650.3	681.6	684.9	535.2	539.9	543.2
Albany	2.0	2.0	2.1	11.1	11.5	11.7	12.1	11.8	11.8
Athens	2.1	2.1	2.1	11.0	11.1	11.2	20.6	20.7	21.0
Atlanta	104.2	104.5	104.8	379.8	405.6	406.9	223.5	224.3	226.1
Augusta	6.2	6.2	6.3	39.0	39.9	40.0	36.8	37.3	37.4
Columbus	6.5	6.8	6.9	21.2	21.6	21.7	19.4	20.1	20.3
Macon-Warner Robins	7.4	7.9	7.9	26.2	26.8	27.0	34.8	35.7	35.7
Sevannah	4.4	4.3	4.3	30.1	33.7	33.8	18.2	18.7	19.0
Hawaii	37.2	37.3	37.5	163.2	159.2	159.6	113.0	110.8	114.2
Honolulu	30.5	30.9	30.9	119.0	117.3	117.7	93.1	89.9	93.2
Idaho	20.7	22.0	22.0	87.1	90.1	90.8	86.8	85.4	88.4
Boise City	8.5	9.1	9.1	25.5	27.7	28.0	21.3	20.7	21.6
Illinois	374.4	374.7	374.9	1,359.4	1,371.9	1,378.2	779.0	763.2	778.7
Aurora-Elgin	9.3	9.4	9.4	37.4	37.9	37.9	17.5	17.1	17.5
Bloomington-Normal	11.6	12.1	12.1	16.2	17.3	17.3	14.5	13.4	14.6
Champaign-Urbana-Rantoul	3.1	3.2	3.2	18.4	16.4	16.6	36.0	32.3	36.2
Chicago	262.0	261.6	262.1	882.2	890.6	893.4	382.1	380.1	380.8
Davenport-Rock Island-Moline	8.0	8.1	8.0	38.3	36.7	36.8	26.5	26.4	26.6
Decatur	2.3	2.4	2.4	12.6	12.4	12.5	5.7	5.7	5.9
Joliet	4.2	4.4	4.4	26.3	27.9	27.7	18.0	18.1	18.4
Kankakee	1.7	1.7	1.7	9.9	10.6	10.7	6.9	7.1	7.2
Lake County	14.7	15.2	15.2	51.5	51.3	51.9	31.7	31.5	31.7
Peoria	8.3	8.6	8.6	42.7	43.5	43.7	17.1	16.6	17.2
Rockford	6.0	6.3	6.2	34.1	34.1	35.2	12.9	13.1	13.0
Springfield	8.0	8.1	8.1	28.9	29.4	29.6	32.7	32.7	32.6
Indiana	125.1	128.3	129.3	534.8	555.5	556.2	394.3	386.3	397.2
Anderson	1.6	1.5	1.5	11.3	11.6	11.5	7.2	7.7	7.8
Bloomington	2.0	1.9	2.0	9.8	10.1	10.1	19.4	18.6	19.3
Elkhart-Goshen	2.6	2.5	2.5	14.7	15.1	15.0	6.1	6.8	7.0
Evansville	5.6	5.8	5.8	34.8	36.1	36.6	13.8	14.1	14.5
Fort Wayne	12.9	12.7	12.6	46.2	46.7	46.8	19.9	20.3	20.5
Gary-Hammond	8.7	8.8	8.6	56.1	55.7	56.5	35.0	35.1	36.0
Indianapolis	52.4	55.0	55.1	158.6	163.1	162.9	103.1	102.7	105.1
Kokomo	1.4	1.6	1.6	7.6	7.9	8.0	6.6	6.7	6.7
Lafayette-West Lafayette	3.0	3.1	3.1	13.5	13.5	13.5	22.6	21.9	22.5
Muncie	1.7	1.8	1.8	12.1	12.3	12.3	13.2	12.5	13.2
South Bend-Mishawaka	6.6	6.8	6.7	36.8	37.7	37.3	12.6	12.4	12.7
Terre Haute	2.1	2.3	2.2	13.6	13.6	13.4	11.4	10.8	11.1
Iowa	71.3	72.7	72.7	301.1	302.1	304.6	222.5	222.0	224.5
Cedar Rapids	4.9	5.1	5.1	25.5	25.7	25.8	10.9	11.3	11.6
Des Moines	32.8	33.7	33.7	63.1	67.4	67.6	32.8	32.2	33.0
Dubuque	1.5	1.7	1.7	15.0	15.0	15.0	3.5	3.9	4.0
Iowa City	1.5	1.8	1.6	10.4	10.2	10.5	25.1	27.7	25.8
Sioux City	2.5	2.6	2.6	16.3	16.9	16.9	6.7	6.9	7.0
Waterloo-Cedar Falls	3.7	4.1	4.1	17.0	17.7	17.8	13.8	13.3	13.6
Kansas	57.1	57.8	57.8	252.1	258.8	261.8	225.8	227.6	234.0
Lawrence	1.7	1.8	1.8	8.4	8.2	8.6	12.8	12.5	13.3
Topeka	6.3	6.3	6.3	23.4	23.6	23.6	22.6	22.5	23.0
Wichita	10.8	11.3	11.3	62.6	63.9	64.1	30.9	30.3	30.8
Kentucky	61.1	63.0	63.3	340.2	349.5	352.2	275.3	273.5	276.3
Lexington-Fayette	9.3	9.3	9.4	51.6	52.1	52.2	47.1	47.0	48.7
Louisville	27.1	27.8	27.8	130.9	132.5	134.1	66.9	67.4	67.5
Owensboro	1.3	1.4	1.4	9.3	9.5	9.4	6.3	6.3	6.5
Louisiana	76.3	76.8	76.8	387.4	395.4	396.4	340.0	330.6	336.4
Alexandria	2.0	2.2	2.1	13.2	13.5	13.7	13.0	13.1	13.1
Baton Rouge	13.7	14.2	14.2	57.1	58.9	59.2	58.0	55.1	57.4
Houma-Thibodaux	2.1	2.1	2.1	10.7	11.1	11.0	11.4	11.9	11.9
Lafayette	3.8	4.0	4.0	24.4	24.8	24.9	13.7	13.1	13.8
Lake Charles	2.6	2.6	2.7	15.8	15.4	15.5	11.8	12.1	12.2
Monroe	4.1	4.2	4.2	14.8	14.6	14.8	12.5	12.1	12.0
New Orleans	29.2	28.6	28.8	157.0	157.3	157.8	91.5	93.7	93.9
Shreveport	6.2	6.5	6.5	34.3	36.0	36.2	28.1	28.7	28.7

See footnotes at end of table.

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

B-8. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	Feb. 1992	Jan. 1993	Feb. 1993P	Feb. 1992	Jan. 1993	Feb. 1993P	Feb. 1992	Jan. 1993	Feb. 1993P
Maine	490.0	502.0	501.5	0.1	0.1	0.1	16.4	19.8	18.9
Lewiston-Auburn	36.4	36.5	36.9	(¹)	(¹)	(¹)	1.1	1.2	1.1
Portland	119.7	121.4	121.1	(¹)	(¹)	(¹)	4.0	4.7	4.7
Maryland	2,037.5	2,034.4	2,038.4	1.1	1.1	1.1	111.5	105.5	103.9
Baltimore MSA	1,070.1	1,066.0	1,065.0	.2	.2	.2	51.9	49.6	49.1
Baltimore City	416.8	411.8	411.9	(¹)	(¹)	(¹)	12.0	11.1	10.9
Suburban Maryland-D.C.	740.1	743.5	745.2	(¹)	(¹)	(¹)	48.8	47.0	46.1
Massachusetts	2,742.6	2,734.3	2,734.4	.9	1.1	1.0	61.7	66.4	63.9
Boston	1,542.5	1,533.5	1,532.6	.3	.3	.3	32.7	34.9	33.6
Brockton	62.5	62.7	62.3	(¹)	(¹)	(¹)	1.4	1.5	1.4
Fall River	48.1	49.0	48.5	(¹)	(¹)	(¹)	1.0	1.0	.9
Fitchburg-Leominster	35.9	36.8	36.5	(¹)	(¹)	(¹)	.8	.8	.7
Lawrence-Haverhill	147.8	148.7	148.2	(¹)	(¹)	(¹)	3.6	4.3	4.1
Lowell	93.4	91.4	90.8	(¹)	(¹)	(¹)	2.9	3.1	3.0
New Bedford	58.7	58.9	58.5	(¹)	(¹)	(¹)	1.4	1.5	1.5
Pittsfield	36.8	38.0	37.8	.1	.1	.1	1.0	1.0	.9
Springfield	214.3	210.5	210.3	.1	.1	.1	4.6	5.0	4.7
Worcester	183.9	179.8	181.9	.1	.2	.2	4.1	5.0	4.8
Michigan	3,835.2	3,903.0	3,908.6	8.2	7.7	7.7	107.1	115.1	109.9
Ann Arbor	177.9	178.8	178.8	(¹)	(¹)	(¹)	3.1	3.2	3.1
Battle Creek	58.8	59.0	59.8	(¹)	(¹)	(¹)	1.5	1.6	1.6
Benton Harbor	64.6	65.3	65.4	(¹)	(¹)	(¹)	1.5	1.6	1.5
Detroit	1,843.3	1,871.0	1,878.5	.7	.7	.7	48.4	51.0	49.3
Flint	163.5	165.7	165.0	(¹)	(¹)	(¹)	4.1	4.4	4.2
Grand Rapids	357.4	362.0	364.3	(¹)	(¹)	(¹)	13.3	13.9	13.8
Jackson	52.6	53.3	53.1	(¹)	(¹)	(¹)	1.4	1.5	1.4
Kalamazoo	114.2	115.7	115.9	(¹)	(¹)	(¹)	3.6	4.0	3.9
Lansing-East Lansing	214.5	213.3	207.9	(¹)	(¹)	(¹)	5.3	5.6	5.5
Muskegon	55.9	55.2	55.0	(¹)	(¹)	(¹)	1.8	1.7	1.6
Saginaw-Bay City-Midland	160.9	161.6	161.6	(¹)	(¹)	(¹)	6.3	6.3	6.2
Minnesota	2,116.7	2,175.5	2,178.4	7.1	8.4	6.6	60.2	63.5	62.1
Duluth	97.7	99.6	99.7	5.2	4.6	4.7	2.8	3.5	3.4
Minneapolis-St. Paul	1,355.6	1,395.4	1,396.3	(¹)	(¹)	(¹)	38.4	38.8	37.8
Rochester	65.8	67.7	67.4	(¹)	(¹)	(¹)	1.9	2.0	1.9
St. Cloud	82.3	85.9	86.6	(¹)	(¹)	(¹)	2.8	3.2	3.1
Mississippi	940.1	971.9	977.2	5.3	4.9	4.9	32.0	33.5	35.1
Jackson	187.4	188.7	190.0	.5	.5	.5	6.9	6.6	6.7
Missouri	2,276.4	2,282.1	2,304.3	4.7	4.4	4.2	80.1	81.8	84.9
Kansas City	770.2	776.4	782.3	(¹)	(¹)	(¹)	28.1	28.8	29.1
St. Louis	1,138.3	1,139.0	1,145.9	(¹)	(¹)	(¹)	45.8	43.7	44.7
Springfield	124.5	125.7	126.0	(¹)	(¹)	(¹)	4.5	4.6	4.7
Montana	302.9	313.7	314.9	5.6	5.5	5.4	9.9	10.3	10.5
Nebraska	732.9	736.0	738.4	1.3	1.3	1.3	23.4	24.9	25.2
Lincoln	123.4	123.0	124.3	(¹)	(¹)	(¹)	3.9	3.9	4.1
Omaha	328.5	331.9	331.6	(¹)	(¹)	(¹)	10.9	11.6	11.7
Nevada	622.1	644.9	647.8	12.7	12.6	12.7	34.6	40.6	42.0
Las Vegas	381.9	398.8	400.1	.3	.3	.3	24.2	28.9	30.0
Reno	140.3	143.0	143.6	.9	.9	.9	5.9	6.6	6.7
New Hampshire	471.0	483.4	485.3	.3	.3	.3	13.3	14.7	13.9
Manchester	73.8	75.8	74.4	(¹)	(¹)	(¹)	2.3	2.7	2.4
Nashua	79.6	83.0	83.0	(¹)	(¹)	(¹)	1.8	1.8	1.7
Portsmouth-Dover-Rochester	99.8	101.9	103.8	(¹)	(¹)	(¹)	2.2	2.1	2.1
New Jersey	3,394.2	3,369.9	3,364.9	1.6	1.6	1.6	99.2	96.0	91.6
Atlantic City	155.3	157.5	157.6	(¹)	(¹)	(¹)	5.0	5.4	5.2
Bergen-Passaic	595.7	583.5	582.4	(¹)	(¹)	(¹)	17.8	15.0	14.1
Camden	417.6	417.2	414.6	(¹)	(¹)	(¹)	15.4	15.7	15.4
Jersey City	225.5	221.0	221.6	(¹)	(¹)	(¹)	3.8	3.7	3.5
Middlesex-Somerset-Hunterdon	521.9	520.3	520.0	.4	.4	.4	14.1	12.9	12.0
Monmouth-Ocean	307.7	309.7	309.6	(¹)	(¹)	(¹)	10.9	11.2	10.5
Newark	869.0	865.6	865.6	.4	.5	.5	25.2	26.5	24.1
Trenton	191.0	189.3	189.8	(¹)	(¹)	(¹)	3.1	3.4	3.2
Vineland-Milville-Bridgeton	55.6	55.5	55.6	.3	.3	.3	1.6	1.4	1.4

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Maine	91.6	92.2	91.3	20.7	21.1	20.8	116.4	124.2	122.4
Lewiston-Auburn	7.8	7.8	7.9	1.4	1.2	1.3	9.3	9.6	9.5
Portland	14.2	13.1	12.8	6.0	5.7	5.6	34.7	37.1	37.0
Maryland	182.4	180.2	179.7	97.4	97.0	98.4	487.2	492.8	487.7
Baltimore MSA	111.8	109.7	109.4	53.4	53.0	52.7	246.0	248.2	245.5
Baltimore City	38.6	38.8	38.5	21.9	21.6	21.5	71.5	70.0	69.0
Suburban Maryland-D.C.	32.1	33.3	33.4	30.5	30.4	30.2	184.2	185.7	183.8
Massachusetts	467.2	451.7	448.5	118.7	119.2	117.4	622.9	637.0	629.4
Boston	210.2	202.6	202.0	70.6	70.4	69.3	328.8	333.9	329.8
Brockton	8.2	8.2	8.1	4.2	4.3	4.2	19.8	19.7	19.6
Fall River	13.2	13.7	13.6	1.8	1.8	1.8	11.9	11.9	11.7
Fitchburg-Leominster	10.4	10.5	10.4	1.4	1.4	1.4	9.0	9.8	9.5
Lawrence-Haverhill	41.4	41.2	40.7	5.5	5.6	5.6	35.3	35.5	35.0
Lowell	28.9	27.2	28.8	4.7	4.5	4.5	20.4	19.7	19.5
New Bedford	15.2	14.8	14.6	2.4	2.2	2.2	14.5	14.4	14.2
Pittsfield	7.5	7.4	7.5	1.2	1.2	1.2	8.7	8.9	8.7
Springfield	42.2	41.4	40.9	8.0	7.4	7.2	48.4	47.1	46.8
Worcester	36.4	35.0	34.9	8.9	8.6	8.7	42.2	42.3	42.6
Michigan	884.4	900.0	896.7	149.9	150.6	150.2	896.0	927.1	918.7
Ann Arbor	37.1	37.4	37.6	4.1	4.2	4.2	30.7	31.5	31.0
Battle Creek	16.0	15.7	16.4	1.7	1.9	1.9	12.5	12.8	12.6
Benton Harbor	20.0	19.9	19.7	2.7	2.8	2.8	13.2	13.5	13.4
Detroit	409.7	422.2	427.2	82.7	85.8	85.2	443.9	452.8	448.4
Flint	47.5	48.9	48.4	4.4	4.6	4.5	38.8	39.2	38.5
Grand Rapids	98.8	100.4	100.7	12.9	13.1	13.1	92.1	94.3	93.3
Jackson	11.9	12.1	12.1	3.4	3.5	3.5	12.7	13.1	12.8
Kalamazoo	28.0	28.0	27.8	3.1	3.0	3.0	25.0	25.7	25.2
Lansing-East Lansing	30.3	29.4	22.4	6.3	6.5	6.5	46.1	47.2	46.7
Muskegon	15.6	14.9	14.8	2.2	2.2	2.2	12.8	13.1	12.9
Saginaw-Bay City-Midland	42.7	42.9	42.4	6.3	6.2	6.2	39.0	39.7	39.1
Minnesota	385.6	390.9	391.5	108.7	107.6	107.3	504.4	523.3	518.7
Duluth	8.1	8.3	8.4	5.6	5.9	5.6	24.5	25.3	24.9
Minneapolis-St. Paul	253.0	257.1	257.1	76.3	75.7	75.6	318.6	331.9	328.7
Rochester	11.2	11.8	11.8	2.1	2.1	2.1	13.1	13.6	13.4
St. Cloud	14.4	15.2	15.3	4.2	4.1	4.1	24.3	25.6	25.5
Mississippi	248.7	251.0	251.9	43.8	44.7	44.4	194.0	200.4	199.9
Jackson	22.5	21.8	21.8	12.6	12.4	12.5	43.5	45.1	45.0
Missouri	411.2	406.6	406.4	149.5	148.9	149.6	537.9	542.8	540.9
Kansas City	104.5	103.2	103.2	63.2	63.2	63.5	191.6	196.7	196.4
St. Louis	201.5	197.1	196.7	76.1	76.3	76.1	269.7	274.5	271.6
Springfield	20.9	20.2	20.1	7.2	7.3	7.4	34.7	35.1	35.2
Montana	21.4	22.6	22.7	19.8	19.9	19.8	80.1	84.6	84.1
Nebraska	99.8	101.2	101.3	46.7	46.9	46.9	184.4	186.2	185.3
Lincoln	14.6	14.8	14.9	7.3	7.2	7.2	26.6	26.9	27.0
Omaha	34.8	34.9	35.0	23.7	23.4	23.4	82.5	83.7	83.2
Nevada	25.4	26.4	26.7	32.0	33.0	33.0	128.1	131.2	130.8
Las Vegas	10.3	11.2	11.2	19.7	20.1	20.0	78.9	81.1	81.0
Reno	8.8	9.1	9.2	9.3	9.6	9.6	32.5	33.5	33.2
New Hampshire	95.9	97.5	97.3	16.7	17.2	17.3	117.3	123.4	122.0
Manchester	9.8	9.9	9.9	4.2	4.4	4.4	18.3	19.2	18.7
Nashua	26.7	28.0	28.0	2.7	3.1	3.1	19.6	20.3	20.0
Portsmouth-Dover-Rochester	19.8	18.9	18.8	2.9	3.0	3.0	23.0	28.2	26.1
New Jersey	527.7	509.3	506.5	227.4	228.5	229.0	795.1	792.0	782.1
Atlantic City	8.7	6.6	6.7	6.7	7.0	7.1	29.9	30.2	30.0
Bergen-Passaic	120.0	112.0	111.3	27.9	27.3	27.5	168.3	165.8	164.3
Camden	58.3	59.0	57.9	18.8	18.5	18.4	110.6	110.6	107.6
Jersey City	31.3	30.4	30.7	27.8	26.4	26.5	58.4	56.5	56.1
Middlesex-Somerset-Hunterdon	96.6	93.0	92.2	42.0	43.6	44.1	127.3	124.9	123.1
Monmouth-Ocean	21.3	20.8	20.5	14.8	14.8	15.1	80.4	83.6	82.6
Newark	140.8	138.4	137.7	75.3	74.9	75.1	170.6	169.8	168.5
Trenton	25.3	24.8	24.7	7.1	7.2	7.2	29.2	28.7	28.3
Vineland-Millville-Bridgeton	13.9	14.0	13.9	2.2	2.2	2.2	10.1	10.4	10.4

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Maine	24.0	23.8	23.7	122.4	125.8	126.2	98.4	95.0	98.1
Lewiston-Auburn	1.9	2.0	2.0	10.6	10.4	10.7	4.3	4.3	4.4
Portland	11.9	11.6	11.5	32.5	33.0	32.7	16.4	16.2	16.8
Maryland	126.9	127.3	126.9	612.6	620.0	622.6	418.2	410.5	420.1
Baltimore MSA	73.7	73.8	73.6	325.3	325.5	326.7	207.8	206.0	207.8
Baltimore City	39.2	38.4	38.4	142.7	142.3	143.5	90.7	89.6	90.1
Suburban Maryland-D.C.	45.1	45.5	45.8	232.0	237.0	236.6	167.4	164.6	169.3
Massachusetts	195.4	193.7	193.6	887.8	893.3	902.8	388.0	371.9	377.8
Boston	134.7	134.4	134.4	573.3	574.1	579.8	191.9	183.0	183.4
Brockton	2.7	2.6	2.6	15.0	15.3	15.2	11.2	11.1	11.2
Fall River	3.0	3.0	3.0	10.4	11.2	11.2	6.8	6.4	6.3
Fitchburg-Leominster	1.4	1.4	1.4	8.4	8.7	8.8	4.5	4.2	4.3
Lawrence-Haverhill	5.1	5.2	5.2	35.9	37.1	37.1	21.0	19.8	20.5
Lowell	2.8	2.6	2.6	20.7	21.5	21.5	13.0	12.8	12.9
New Bedford	2.1	2.1	2.1	13.5	14.3	14.3	9.6	9.6	9.6
Pittsfield	1.8	1.7	1.7	11.8	12.7	12.7	4.7	5.0	5.0
Springfield	14.5	14.1	14.2	60.3	60.1	61.3	36.2	35.3	35.3
Worcester	13.7	13.9	14.0	50.2	48.8	50.4	28.3	26.0	26.3
Michigan	187.6	186.9	187.0	942.6	973.3	978.5	659.4	642.2	659.9
Ann Arbor	4.8	4.8	4.9	38.6	38.9	38.9	59.5	56.9	59.1
Battle Creek	3.0	3.1	3.1	12.5	12.7	12.8	11.5	11.1	11.5
Benton Harbor	2.6	2.6	2.8	15.5	15.9	15.9	9.2	9.0	9.4
Detroit	108.5	106.4	105.8	509.4	515.5	518.4	239.9	236.9	243.6
Flint	6.0	5.8	5.8	37.6	38.6	39.1	25.1	24.2	24.5
Grand Rapids	16.4	16.7	16.7	86.4	86.4	88.5	37.6	37.2	38.2
Jackson	1.8	1.6	1.6	11.0	11.2	11.2	10.4	10.2	10.4
Kalamazoo	6.2	6.5	6.5	28.7	29.8	29.9	19.6	18.7	19.6
Lansing-East Lansing	12.2	12.3	12.4	43.4	45.3	45.8	70.9	67.0	68.6
Muskegon	1.7	1.8	1.8	12.0	12.2	12.1	9.8	9.4	9.5
Saginaw-Bay City-Midland	6.1	5.9	6.0	38.6	39.2	39.8	22.0	21.5	21.9
Minnesota	127.2	130.9	131.2	570.3	599.7	602.5	353.2	353.2	358.5
Duluth	3.4	3.5	3.5	26.3	27.1	27.1	21.8	21.4	22.1
Minneapolis-St. Paul	99.8	102.3	102.6	375.1	394.9	397.1	194.2	194.5	197.2
Rochester	1.8	1.8	1.8	28.7	29.3	29.2	7.0	7.1	7.2
St. Cloud	2.5	2.7	2.7	19.6	20.1	20.6	14.5	15.0	15.3
Mississippi	38.3	38.6	38.6	168.9	184.4	184.8	209.1	214.4	217.6
Jackson	14.5	14.4	14.5	45.5	46.4	47.3	41.4	41.5	41.7
Missouri	134.5	136.3	136.2	582.6	589.9	598.9	375.9	371.4	383.2
Kansas City	59.1	60.6	60.7	199.6	201.2	202.5	124.1	122.7	126.9
St. Louis	71.9	72.8	72.6	326.0	329.3	334.5	147.3	145.3	149.7
Springfield	5.4	5.7	5.7	35.7	36.6	36.7	16.1	16.2	16.2
Montana	13.8	14.5	14.5	77.7	82.4	82.7	74.6	73.9	75.2
Nebraska	48.8	48.8	48.6	181.8	182.0	182.0	146.7	144.7	147.8
Lincoln	8.6	8.6	8.5	29.1	29.1	29.2	33.3	32.5	33.4
Omaha	28.6	28.4	28.3	99.3	101.8	101.6	48.7	48.1	48.4
Nevada	28.6	30.0	30.3	276.7	284.3	282.5	86.0	86.6	89.8
Las Vegas	19.1	20.3	20.6	184.1	191.2	189.7	45.3	45.5	47.3
Reno	7.0	7.1	7.0	55.8	56.9	56.8	20.1	19.3	20.2
New Hampshire	29.2	28.9	29.0	123.7	130.2	130.9	74.6	71.2	74.6
Manchester	8.1	7.9	7.9	22.2	22.7	22.2	8.9	9.0	8.9
Nashua	3.1	3.1	3.2	17.7	19.3	19.5	8.0	7.4	7.5
Portsmouth-Dover-Rochester	6.6	6.8	6.8	20.1	22.2	22.4	25.2	22.7	24.6
New Jersey	223.5	224.2	223.7	948.6	953.8	957.3	571.1	564.5	573.1
Atlantic City	5.8	5.8	5.7	73.2	74.2	74.5	28.0	28.3	28.4
Bergen-Passaic	33.9	33.0	33.0	158.3	160.3	161.1	69.5	70.1	71.1
Camden	22.6	22.3	22.3	114.4	114.1	115.2	77.5	77.0	77.8
Jersey City	18.0	19.3	19.2	45.9	44.4	45.2	40.3	40.3	40.4
Middlesex-Somerset-Hunterdon	40.1	42.4	42.3	124.4	126.8	127.4	77.0	76.3	78.5
Monmouth-Ocean	18.2	18.4	18.4	96.7	96.8	98.2	65.4	64.1	64.3
Newark	69.0	67.2	66.8	251.2	252.8	253.4	136.5	135.5	139.5
Trenton	10.5	10.5	10.5	61.1	60.5	61.0	54.7	54.2	54.9
Vineland-Millville-Bridgeton	4.0	3.7	3.7	10.8	10.7	10.8	12.7	12.8	12.9

See footnotes at end of table.

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

B-8. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	Feb. 1992	Jan. 1993	Feb. 1993 ^a	Feb. 1992	Jan. 1993	Feb. 1993 ^a	Feb. 1992	Jan. 1993	Feb. 1993 ^a
New Mexico	584.7	590.1	596.5	14.9	14.4	14.2	27.5	29.0	29.3
Albuquerque	249.5	251.0	252.9	(^b)	(^b)	(^b)	11.7	11.7	11.8
Las Cruces	44.4	44.1	44.5	(^b)	(^b)	(^b)	2.2	2.3	2.4
Santa Fe	82.3	63.3	84.1	(^b)	(^b)	(^b)	2.6	2.6	2.7
New York	7,622.1	7,568.9	7,599.2	4.1	4.3	4.3	221.8	208.8	200.9
Albany-Schenectady-Troy	415.5	420.1	420.7	.2	.3	.3	12.8	13.3	12.7
Binghamton	113.1	112.1	112.2	(^b)	(^b)	(^b)	3.9	4.0	3.8
Buffalo	439.8	439.5	441.4	(^b)	(^b)	(^b)	13.0	13.0	12.5
Elmira	39.3	39.1	38.9	(^b)	(^b)	(^b)	.9	1.0	.9
Glens Falls	44.8	45.0	45.1	(^b)	(^b)	(^b)	1.4	1.5	1.4
Nassau-Suffolk	1,031.3	1,026.3	1,024.2	(^b)	(^b)	(^b)	35.7	35.2	34.7
New York PMSA	3,741.7	3,703.6	3,711.0	(^b)	(^b)	(^b)	104.9	94.2	92.3
New York City	3,260.5	3,224.0	3,231.6	.4	.4	.4	86.8	76.3	74.9
Niagara Falls	79.0	77.9	78.3	(^b)	(^b)	(^b)	2.6	2.4	2.4
Orange County	102.9	104.8	104.7	(^b)	(^b)	(^b)	3.0	3.3	3.1
Poughkeepsie	108.9	104.6	104.8	(^b)	(^b)	(^b)	4.2	4.2	4.0
Rochester	479.1	476.1	476.7	.6	.6	.6	13.7	13.9	13.5
Rockland County	94.0	94.2	94.5	(^b)	(^b)	(^b)	2.8	2.9	3.0
Syracuse	301.0	298.5	301.2	(^b)	(^b)	(^b)	11.4	11.6	11.0
Utica-Rome	120.4	121.1	121.7	(^b)	(^b)	(^b)	2.5	2.3	2.2
Westchester County	369.2	367.2	366.9	(^b)	(^b)	(^b)	13.9	13.6	13.2
North Carolina	3,058.3	3,148.9	3,160.8	3.2	3.5	3.4	137.2	141.5	142.9
Asheville	87.3	90.0	90.6	(^b)	(^b)	(^b)	3.9	3.8	3.8
Charlotte-Gastonia-Rock Hill	607.9	624.2	628.6	(^b)	(^b)	(^b)	29.2	31.1	31.5
Greensboro-Winston-Salem-High Point	487.7	505.0	506.5	(^b)	(^b)	(^b)	20.3	21.8	21.5
Raleigh-Durham	444.7	458.8	463.1	(^b)	(^b)	(^b)	19.0	18.6	19.0
North Dakota	268.6	276.6	277.4	3.8	3.7	3.7	7.8	8.8	8.6
Bismarck	41.0	42.1	42.3	(^b)	(^b)	(^b)	1.6	1.7	1.7
Fargo-Moorhead	80.1	82.5	83.2	(^b)	(^b)	(^b)	3.0	3.6	3.5
Grand Forks	32.2	33.4	33.3	(^b)	(^b)	(^b)	.9	1.1	1.1
Ohio	4,735.2	4,783.6	4,787.4	14.1	13.1	13.1	148.7	161.2	157.8
Akron	279.7	284.6	286.5	.5	.5	.5	7.9	9.0	8.9
Canton	161.9	164.5	164.1	.7	.7	.7	5.5	6.1	6.0
Cincinnati	725.6	737.9	739.4	.3	.4	.4	29.0	32.1	31.9
Cleveland	899.6	903.5	904.0	.5	.7	.7	25.4	27.3	27.0
Columbus	710.8	723.0	724.1	.6	.6	.6	23.5	25.1	24.8
Dayton-Springfield	435.3	440.3	440.5	.4	.5	.5	12.1	13.2	12.9
Toledo	278.1	283.2	283.0	.2	.2	.2	8.4	9.4	9.1
Youngstown-Warren	191.6	193.5	192.7	.4	.4	.4	5.6	6.0	5.7
Oklahoma	1,202.6	1,195.8	1,202.8	39.0	35.2	35.6	37.0	36.5	37.3
Enid	21.8	22.4	22.6	.8	.9	.9	.7	.7	.7
Lawton	36.3	37.2	37.4	.1	.1	.1	1.1	1.1	1.1
Oklahoma City	429.7	433.3	436.3	9.3	8.9	8.8	13.1	13.3	13.5
Tulsa	323.2	319.8	321.6	10.4	9.7	9.6	10.9	10.8	11.0
Oregon	1,235.6	1,252.3	1,264.6	1.3	1.2	1.3	44.7	43.9	45.7
Eugene-Springfield	114.2	115.0	115.9	.2	.1	.1	3.7	3.8	3.8
Medford	54.4	55.7	56.1	.1	.1	.1	1.8	1.8	1.8
Portland	636.3	641.9	646.2	.5	.4	.5	24.5	23.2	24.7
Salem	107.6	109.4	111.2	.1	.1	.1	4.4	4.5	4.7
Pennsylvania	4,984.1	5,010.3	5,035.7	22.9	21.3	20.8	170.8	173.6	168.8
Allentown-Bethlehem	277.1	276.0	277.1	.4	.4	.4	8.8	9.6	9.4
Altoona	52.0	53.3	53.6	(^b)	(^b)	(^b)	1.9	2.3	2.2
Beaver County	49.7	49.9	50.2	(^b)	(^b)	(^b)	2.2	2.1	2.0
Erie	118.1	121.0	122.3	(^b)	(^b)	(^b)	3.3	4.0	4.0
Harrisburg-Lebanon-Carlisle	308.4	309.9	312.1	(^b)	(^b)	(^b)	11.5	11.8	11.8
Johnstown	80.9	81.0	81.5	(^b)	(^b)	(^b)	5.1	5.0	5.0
Lancaster	189.4	191.0	192.3	.4	.4	.3	9.8	10.1	9.9
Philadelphia PMSA	2,077.1	2,067.9	2,069.7	(^b)	(^b)	(^b)	67.6	67.0	65.5
Philadelphia City	696.3	680.9	685.2	(^b)	(^b)	(^b)	11.3	9.8	9.5
Pittsburgh	895.2	903.7	905.5	4.1	3.6	3.8	36.4	37.6	37.1

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
New Mexico	39.3	39.4	39.5	29.0	28.6	28.7	136.0	140.1	139.4
Albuquerque	19.8	19.8	19.7	12.2	12.2	12.1	59.6	60.4	60.1
Las Cruces	2.7	2.8	2.6	1.5	1.6	1.6	9.4	9.6	9.6
Santa Fe	1.8	1.9	1.9	1.1	1.1	1.1	12.3	13.1	12.9
New York	1,008.2	982.5	987.4	395.5	390.4	389.2	1,532.3	1,526.9	1,521.9
Albany-Schenectady-Troy	43.7	44.9	45.0	16.0	16.3	16.1	84.6	84.6	84.1
Binghamton	30.4	28.9	28.9	4.2	4.3	4.4	23.4	24.1	23.9
Buffalo	70.5	69.1	69.0	20.9	20.8	20.7	109.4	110.4	110.3
Elmira	8.6	8.4	8.4	1.3	1.3	1.3	9.1	9.5	9.4
Glens Falls	9.5	9.3	9.3	1.4	1.4	1.4	9.7	10.2	10.1
Nassau-Suffolk	128.0	122.7	122.1	46.7	45.7	45.4	263.9	264.3	260.3
New York PMSA	352.4	339.8	346.0	230.3	226.0	226.0	648.8	644.9	639.7
New York City	287.1	276.0	281.9	204.2	200.6	200.7	543.0	540.2	536.4
Niagara Falls	20.9	20.6	20.4	4.1	4.3	4.3	18.9	18.6	18.6
Orange County	12.6	12.4	12.5	6.3	6.4	6.3	25.6	26.9	26.8
Poughkeepsie	25.1	21.6	21.3	3.8	3.8	3.8	19.5	19.8	19.6
Rochester	127.6	126.7	126.1	15.7	15.6	15.6	98.7	99.6	98.5
Rockland County	14.3	14.1	14.1	5.6	5.5	5.5	20.2	20.3	20.2
Syracuse	47.6	46.5	46.8	18.4	18.3	18.1	69.4	70.0	69.3
Utica-Rome	20.9	20.7	20.8	4.1	4.2	4.2	24.9	25.6	25.3
Westchester County	49.0	47.6	47.8	19.8	19.2	19.1	81.6	80.3	79.0
North Carolina	821.3	836.5	836.2	149.2	154.0	153.5	684.0	716.0	712.4
Asheville	19.7	20.4	20.4	4.3	4.5	4.5	20.5	21.3	21.2
Charlotte-Gastonia-Rock Hill	142.6	143.4	143.3	48.8	50.3	50.3	147.0	152.5	152.2
Greensboro-Winston-Salem-High Point	141.8	143.8	144.5	26.2	27.3	27.2	109.5	112.7	112.4
Raleigh-Durham	64.2	65.3	65.4	22.1	22.3	22.5	89.2	92.9	92.4
North Dakota	17.2	18.8	18.9	17.2	17.5	17.4	70.4	72.9	72.6
Bismarck	2.1	2.1	2.2	2.9	3.0	3.0	10.3	10.6	10.5
Fargo-Moorhead	5.4	5.3	5.5	4.6	4.7	4.7	23.0	24.4	24.4
Grand Forks	1.6	1.9	1.9	1.7	1.8	1.8	9.3	9.4	9.4
Ohio	1,042.7	1,047.6	1,045.2	207.6	207.1	206.1	1,124.9	1,145.0	1,133.7
Akron	61.8	62.8	62.9	13.0	13.1	13.1	67.0	69.1	68.5
Canton	43.2	42.3	42.6	5.3	5.5	5.4	39.7	41.2	40.4
Cincinnati	141.6	140.7	140.0	39.2	39.8	39.6	184.0	189.0	187.6
Cleveland	187.4	185.1	184.2	37.7	37.5	37.0	213.4	215.4	213.3
Columbus	100.4	99.6	100.1	30.9	30.9	30.7	179.4	185.0	183.3
Dayton-Springfield	96.1	94.3	93.9	17.1	17.5	17.6	97.6	99.6	98.7
Toledo	53.9	54.6	54.3	13.7	13.8	13.9	67.6	69.0	68.2
Youngstown-Warren	44.7	45.7	45.5	6.9	6.9	6.9	51.2	51.3	50.6
Oklahoma	159.5	163.2	163.5	69.9	69.4	69.5	279.8	278.3	279.4
Enid	1.4	1.6	1.6	2.1	2.2	2.2	6.0	6.0	5.9
Lawton	3.2	3.4	3.3	1.9	2.0	2.0	8.2	8.4	8.4
Oklahoma City	43.3	47.5	47.3	21.2	21.6	21.7	103.8	103.2	103.2
Tulsa	54.7	52.3	52.7	26.4	25.9	25.8	74.6	75.4	75.6
Oregon	201.2	199.7	201.3	65.0	64.8	64.7	306.9	316.8	315.2
Eugene-Springfield	17.6	17.3	17.6	4.4	4.3	4.3	29.1	29.5	29.4
Medford	8.2	8.3	8.2	2.9	2.8	2.9	15.6	16.3	16.2
Portland	99.9	99.3	99.6	38.3	36.4	37.9	162.8	166.0	164.8
Salem	13.2	13.6	14.3	3.1	3.4	3.4	23.7	24.6	24.4
Pennsylvania	948.0	932.5	930.1	258.6	264.2	264.2	1,121.0	1,155.7	1,145.2
Allentown-Bethlehem	70.7	68.4	68.6	14.1	14.0	13.8	59.3	60.6	59.7
Altoona	9.6	9.4	9.4	4.7	4.8	4.8	13.6	14.1	14.1
Beaver County	9.3	9.3	9.3	4.7	4.6	4.6	11.0	11.1	11.1
Erie	34.2	35.1	34.9	3.9	4.0	4.0	25.2	25.8	25.8
Harrisburg-Lebanon-Carlisle	46.6	46.2	46.1	19.4	19.7	19.7	67.9	69.4	69.3
Johnstown	13.2	11.5	11.7	5.2	5.2	5.2	17.7	19.3	19.3
Lancaster	55.3	55.2	55.2	7.4	7.2	7.1	47.4	48.2	47.4
Philadelphia PMSA	312.1	309.4	308.0	96.8	97.9	98.1	462.7	465.1	458.1
Philadelphia City	69.0	66.9	66.6	36.9	38.3	38.5	119.7	116.6	115.9
Pittsburgh	111.6	109.5	109.8	54.1	55.5	55.8	217.1	224.4	222.9

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
New Mexico	26.1	26.2	26.2	155.2	158.2	158.2	156.7	154.2	160.0
Albuquerque	14.0	14.4	14.5	80.2	81.7	82.0	52.0	50.8	52.7
Las Cruces	1.6	1.7	1.7	8.5	8.2	8.2	18.5	18.1	18.4
Santa Fe	2.5	2.6	2.6	17.5	17.8	17.9	24.5	24.4	25.0
New York	733.0	727.0	726.4	2,291.3	2,313.2	2,334.8	1,435.6	1,415.9	1,434.4
Albany-Schenectady-Troy	26.0	27.2	27.1	119.2	121.4	122.2	113.0	112.1	113.3
Binghamton	4.1	4.1	4.0	25.7	25.9	25.9	21.4	20.7	21.2
Buffalo	26.7	26.6	26.7	123.9	125.2	127.0	75.4	74.5	75.2
Elmira	1.4	1.4	1.4	11.1	10.4	10.5	7.0	7.0	7.0
Glens Falls	1.6	1.7	1.7	11.6	11.6	11.7	9.5	9.4	9.6
Nassau-Suffolk	80.4	79.1	78.9	299.4	304.4	306.1	177.3	174.9	176.7
New York PMSA	511.1	505.1	505.5	1,231.6	1,236.2	1,242.9	662.4	657.5	658.6
New York City	476.9	470.5	471.0	1,081.5	1,083.8	1,089.7	580.7	578.2	576.4
Niagara Falls	2.0	2.1	2.1	17.4	17.1	17.6	13.0	12.7	12.9
Orange County	5.6	5.8	5.6	24.8	25.7	25.4	25.2	24.3	24.8
Poughkeepsie	4.5	4.4	4.4	28.6	28.2	29.0	23.1	22.6	22.8
Rochester	22.3	22.0	21.9	129.2	128.8	130.3	71.3	68.8	70.3
Rockland County	4.7	4.8	4.8	26.9	26.7	26.8	19.6	19.8	20.2
Syracuse	19.4	18.4	18.2	81.0	81.3	84.5	53.7	52.4	53.2
Utica-Rome	8.1	8.1	8.1	29.0	29.7	30.3	31.0	30.5	30.8
Westchester County	28.7	28.9	28.8	118.1	120.3	120.9	58.1	57.4	58.0
North Carolina	131.6	136.7	137.1	613.0	644.1	652.6	518.8	516.6	522.7
Asheville	2.7	2.6	2.7	23.0	23.7	24.2	13.2	13.7	13.8
Charlotte-Gastonia-Rock Hill	38.3	39.0	39.0	127.2	132.7	134.3	74.8	75.2	76.0
Greensboro-Winston-Salem-High Point	24.9	26.0	26.2	108.6	114.2	115.5	56.4	59.2	59.2
Raleigh-Durham	22.9	23.1	23.2	123.6	131.6	133.4	103.7	105.0	107.2
North Dakota	12.8	13.1	13.2	71.8	73.8	74.1	67.6	66.0	68.9
Bismarck	1.8	1.8	1.8	13.0	13.3	13.4	9.3	9.6	9.7
Fargo-Moorhead	4.9	5.1	5.1	23.1	23.6	23.8	16.1	15.8	16.2
Grand Forks	1.2	1.3	1.2	7.6	7.8	7.8	9.9	10.1	10.1
Ohio	253.6	254.5	254.6	1,194.8	1,218.9	1,228.6	748.9	736.3	748.4
Akron	11.4	11.7	11.6	71.2	74.9	75.3	47.1	43.6	45.7
Canton	6.6	6.6	6.6	41.1	42.1	42.4	19.7	19.9	20.0
Cincinnati	43.4	43.0	43.1	190.7	197.1	199.0	97.4	95.9	97.8
Cleveland	59.6	59.6	59.7	252.9	258.0	260.7	122.7	120.0	121.4
Columbus	59.0	59.3	59.2	162.5	167.4	168.7	134.5	135.2	136.7
Dayton-Springfield	17.1	17.2	17.1	117.4	121.8	123.2	77.6	76.2	76.6
Toledo	11.4	11.0	11.2	76.5	79.1	79.3	46.5	46.1	46.9
Youngstown-Warren	9.1	9.2	9.2	48.3	49.5	49.5	25.4	24.5	25.1
Oklahoma	59.9	60.1	59.8	283.6	281.1	283.0	273.9	272.0	274.5
Enid .....	.9	1.0	1.0	5.7	5.7	6.0	4.2	4.3	4.3
Lawton	1.8	1.8	1.8	7.5	7.9	8.1	12.5	12.5	12.6
Oklahoma City	24.9	25.5	25.4	108.2	109.5	111.7	105.9	103.8	104.7
Tulsa	17.4	17.4	17.4	87.6	86.4	86.9	41.2	41.7	42.6
Oregon	83.4	85.9	86.7	300.3	308.1	313.5	232.8	231.9	236.2
Eugene-Springfield	6.0	6.2	6.3	28.0	29.0	29.3	25.2	24.6	25.1
Medford	2.6	2.7	2.8	13.3	13.9	14.1	9.9	9.8	10.0
Portland	54.3	56.4	56.7	166.6	168.1	170.7	89.4	90.1	91.3
Salem	5.9	6.0	6.0	24.2	24.8	25.3	33.0	32.4	33.0
Pennsylvania	298.0	298.4	298.2	1,454.9	1,476.9	1,495.8	709.9	687.7	712.8
Allentown-Bethlehem	14.3	14.4	14.4	76.7	76.1	77.9	32.8	32.5	32.9
Altoona	2.1	2.1	2.2	12.8	13.3	13.4	7.3	7.3	7.5
Beaver County	1.7	1.7	1.7	12.8	13.3	13.4	6.0	7.8	8.1
Erie	5.6	5.4	5.7	31.4	32.6	33.3	14.5	14.1	14.6
Harrisburg-Lebanon-Carlisle	22.2	22.0	21.9	71.9	73.1	73.4	68.9	67.7	69.9
Johnstown	4.1	4.2	4.3	23.1	23.2	23.3	12.5	12.6	12.7
Lancaster	8.7	9.1	9.2	42.4	44.0	44.9	18.0	16.8	18.3
Philadelphia PMSA	156.7	156.4	155.4	677.8	676.7	686.3	303.4	295.4	298.3
Philadelphia City	60.3	58.5	58.2	283.8	259.4	265.1	135.3	131.4	131.4
Pittsburgh	54.8	54.9	54.9	312.3	316.4	317.9	104.8	101.8	103.3

See footnotes at end of table.

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

B-8. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Pennsylvania—Continued									
Reading	149.9	150.0	149.7	(¹)	(¹)	(¹)	5.7	5.7	5.5
Scranton—Wilkes-Barre	296.5	297.7	299.7	0.5	0.6	0.6	9.4	9.7	9.2
Sharon	43.4	40.9	41.4	(¹)	(¹)	(¹)	1.1	1.1	1.0
State College	60.8	57.4	61.4	(¹)	(¹)	(¹)	1.9	2.1	2.0
Williamsport	49.6	49.7	49.4	(¹)	(¹)	(¹)	1.6	1.9	1.9
York	177.4	180.7	182.6	.5	.4	.5	7.7	8.3	8.2
Rhode Island									
Pawtucket—Woonsocket—Attleboro	410.7	417.3	415.7	.1	.2	.2	10.5	12.1	11.7
Providence	116.8	121.6	121.7	.1	.1	.1	2.7	4.3	4.5
Providence	293.3	296.3	295.1	.1	.1	.1	7.8	7.8	7.5
South Carolina									
Charleston	1,496.8	1,528.5	1,534.7	1.8	1.9	1.9	78.3	79.6	80.2
Columbia	201.4	201.7	202.6	(¹)	(¹)	(¹)	12.0	12.2	12.4
Greenville—Spartanburg	242.4	243.4	245.0	(¹)	(¹)	(¹)	11.8	12.0	11.9
Greenville—Spartanburg	328.2	332.8	332.4	(¹)	(¹)	(¹)	18.8	19.6	19.6
South Dakota									
Rapid City	297.1	303.4	304.0	2.6	2.6	2.6	9.9	10.2	10.3
Rapid City	38.7	39.8	40.2	(¹)	(¹)	(¹)	2.1	2.1	2.2
Sioux Falls	79.7	82.2	82.4	(¹)	(¹)	(¹)	3.3	3.9	3.7
Tennessee									
Chattanooga	2,177.6	2,212.6	2,219.7	4.8	4.4	4.5	79.7	77.7	79.2
Chattanooga	198.5	204.9	205.2	.5	.5	.6	6.3	6.2	8.0
Johnson City—Kingsport—Bristol	175.3	176.7	177.2	(¹)	(¹)	(¹)	7.6	7.8	7.9
Knoxville	277.6	285.4	285.0	1.2	1.2	1.2	11.7	12.5	12.8
Memphis	475.8	479.1	481.2	(¹)	(¹)	(¹)	16.5	18.4	16.7
Nashville	499.4	517.7	519.6	(¹)	(¹)	(¹)	18.0	18.8	18.8
Texas									
Abilene	7,145.8	7,323.8	7,344.2	173.2	169.1	166.7	326.9	335.5	337.7
Abilene	49.3	50.7	50.6	1.3	1.3	1.3	1.4	1.7	1.7
Amarillo	79.6	80.4	80.8	.8	.8	.8	2.7	2.9	3.0
Austin	400.8	414.2	416.1	.8	.8	.8	12.9	14.4	14.4
Beaumont—Port Arthur	149.2	150.2	149.7	1.4	1.1	1.1	15.3	14.1	13.5
Brazoria	68.3	68.1	68.4	1.3	1.2	1.2	8.3	8.2	8.2
Brownsville—Harlingen	79.5	83.0	83.8	(¹)	(¹)	(¹)	2.3	2.6	2.5
Bryan—College Station	58.4	57.4	60.3	.7	.7	.7	1.7	1.9	1.9
Corpus Christi	134.1	139.1	138.0	2.9	3.0	3.0	10.1	11.5	11.3
Dallas	1,371.3	1,399.4	1,404.1	17.8	17.1	17.0	44.3	47.5	48.3
El Paso	212.2	219.8	219.8	(¹)	(¹)	(¹)	7.5	8.2	8.3
Ft. Worth—Arlington	581.1	594.4	595.4	4.2	4.3	4.3	19.3	20.4	20.3
Galveston—Texas City	78.7	82.4	82.9	.8	.9	.9	5.2	5.3	5.1
Houston	1,614.5	1,617.9	1,619.4	69.0	66.8	66.4	106.5	105.1	104.8
Killeen—Temple	75.6	80.7	81.2	(¹)	(¹)	(¹)	2.3	3.2	3.3
Laredo	48.3	51.0	51.2	1.9	1.9	1.9	1.6	1.6	1.6
Longview—Marshall	69.8	69.1	69.6	3.4	3.4	3.4	3.7	3.1	3.1
Lubbock	98.1	98.1	98.6	.2	.2	.2	3.2	3.1	3.2
McAllen—Edinburg—Mission	105.4	109.8	110.1	.8	.9	.8	4.2	4.3	4.3
Midland	46.0	45.0	45.4	9.1	8.8	8.9	1.4	1.4	1.4
Odessa	45.6	44.5	44.6	5.0	4.6	4.6	3.1	2.9	2.8
San Angelo	38.3	38.6	39.2	.5	.6	.5	1.1	1.3	1.3
San Antonio	534.9	553.4	559.5	1.7	1.6	1.5	22.1	24.1	24.2
Sherman—Denison	36.5	36.8	36.8	(¹)	(¹)	(¹)	1.4	1.5	1.5
Texarkana	46.3	47.1	46.9	.1	.1	.1	1.5	1.6	1.7
Tyler	63.4	64.5	64.5	1.4	1.5	1.5	1.9	2.1	2.1
Victoria	30.5	31.7	32.2	1.4	1.5	1.5	2.3	2.0	2.2
Waco	82.7	82.9	84.1	(¹)	(¹)	(¹)	3.0	3.1	3.2
Wichita Falls	49.2	49.6	49.8	1.4	1.4	1.4	1.4	1.5	1.5

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Pennsylvania—Continued									
Reading	44.2	43.2	43.0	6.5	6.2	6.1	33.8	34.7	34.1
Scranton-Wilkes-Barre	65.5	63.4	63.4	16.2	16.6	16.5	70.3	72.5	71.6
Sharon	11.5	9.6	9.6	1.9	1.7	1.7	10.4	10.2	10.2
State College	6.3	8.6	8.7	1.7	1.8	1.8	11.5	11.7	11.6
Williamsport	14.4	14.0	14.0	1.8	1.9	1.9	11.2	11.4	11.0
York	54.8	54.7	54.9	9.0	9.2	9.4	44.5	45.8	45.6
Rhode Island									
Pawtucket-Woonsocket-Attleboro	89.6	88.9	88.5	13.7	14.6	14.6	86.8	89.1	88.3
Providence	42.0	42.4	41.8	3.5	3.5	3.8	29.7	29.8	29.6
	56.3	55.5	55.8	10.5	10.6	10.6	59.2	61.0	60.2
South Carolina									
Charleston	368.9	372.4	369.9	63.9	64.1	64.1	329.3	344.0	344.0
Columbia	20.5	20.5	20.4	10.9	10.3	10.4	48.0	48.4	48.3
Greenville-Spartanburg	25.7	26.1	25.9	10.9	10.9	10.9	53.6	53.9	54.2
	95.8	95.8	95.2	13.8	13.9	13.9	75.8	78.3	77.3
South Dakota									
Rapid City	35.6	37.8	37.9	14.3	14.6	14.5	76.9	78.0	77.9
Sioux Falls	4.2	4.4	4.4	1.8	1.8	1.8	11.2	11.3	11.5
	10.0	10.3	10.3	5.4	5.5	5.5	21.9	22.3	22.2
Tennessee									
Chattanooga	504.8	513.0	511.8	116.6	119.8	119.6	500.7	512.4	509.8
Johnson City-Kingsport-Bristol	43.8	44.3	44.5	7.3	7.3	7.3	46.5	48.3	48.0
Knoxville	53.8	53.3	53.2	6.1	6.3	6.3	39.4	40.7	40.5
Memphis	51.0	51.0	50.7	10.1	10.1	10.2	70.0	72.9	72.3
Nashville	59.3	59.5	59.6	46.5	47.8	47.9	124.6	126.2	125.6
	88.9	92.1	91.8	29.3	30.9	31.0	120.3	126.7	126.6
Texas									
Abilene	959.0	972.7	976.9	430.4	433.6	434.1	1,712.6	1,760.1	1,756.5
Amarillo	4.5	4.3	4.3	2.6	2.6	2.6	12.8	13.1	13.0
Austin	8.8	9.1	9.2	5.4	5.5	5.5	22.0	21.8	21.7
Beaumont-Port Arthur	51.8	54.3	54.5	13.2	13.5	13.4	80.6	85.0	84.9
Brazoria	26.1	25.7	25.6	9.5	9.4	9.4	33.2	34.5	34.4
Brownsville-Harlingen	17.6	17.5	17.6	2.7	2.6	2.6	12.6	12.9	12.8
Bryan-College Station	11.4	12.3	12.5	3.9	3.7	3.7	21.6	22.7	22.9
Corpus Christi	3.7	3.9	4.0	1.4	1.3	1.3	12.4	12.3	13.1
Dallas	13.0	13.3	13.2	6.7	6.8	6.9	31.3	33.5	33.3
El Paso	206.7	208.2	208.4	84.2	87.2	87.6	347.4	354.9	354.6
Ft. Worth-Arlington	41.3	44.7	44.8	10.9	11.1	11.1	52.5	54.5	54.1
Galveston-Texas City	100.9	98.8	100.5	59.9	62.0	62.6	146.4	148.8	147.2
Houston	8.6	8.6	8.8	5.1	4.5	4.7	16.4	17.1	17.2
Killeen-Temple	176.9	174.8	174.0	111.4	110.6	110.4	377.6	380.5	379.2
Laredo	8.0	8.9	8.9	2.7	2.6	2.6	16.7	18.1	18.1
Longview-Marshall	1.9	1.9	1.9	7.3	7.8	7.8	14.8	16.2	16.2
Lubbock	15.9	15.2	15.3	3.4	3.4	3.4	16.8	17.2	17.2
McAllen-Edinburg-Mission	7.1	7.3	7.3	5.5	5.6	5.6	27.2	28.8	27.1
Midland	12.3	12.5	12.8	3.4	3.5	3.5	32.1	34.7	34.7
Odessa	2.4	2.3	2.3	2.4	2.4	2.4	10.9	10.9	10.8
San Angelo	4.4	4.4	4.4	2.2	2.0	2.0	12.3	12.2	12.2
San Antonio	5.0	5.2	5.3	2.8	2.8	2.7	9.1	9.0	9.0
Sherman-Denison	45.2	46.1	45.8	23.2	24.1	24.2	130.4	138.3	137.7
Texas City	9.9	9.5	9.5	1.5	1.5	1.5	7.7	8.1	8.0
Tyler	6.2	6.1	5.9	2.0	2.0	2.0	10.8	11.1	11.1
Victoria	11.3	11.2	11.1	2.9	2.9	2.9	16.1	16.4	16.4
Waco	3.0	3.0	3.0	1.5	1.4	1.4	7.9	8.6	8.4
Wichita Falls	14.9	15.2	15.1	3.4	3.3	3.3	18.9	19.7	19.7
	7.6	7.3	7.5	2.8	2.6	2.6	11.6	11.8	11.8

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Pennsylvania—Continued									
Reading	8.9	8.9	8.9	32.8	33.4	33.4	18.0	17.9	18.7
Scranton-Wilkes-Barre	13.2	13.2	13.1	78.2	79.8	81.2	43.2	41.9	44.1
Sharon	1.5	1.5	1.5	11.8	11.6	12.3	5.2	5.2	5.1
State College	1.8	1.8	1.8	11.2	11.4	11.2	24.4	20.0	24.3
Williamsport	2.3	2.3	2.2	12.1	11.9	12.1	6.2	6.3	6.3
York	5.5	5.6	5.7	35.8	38.0	39.5	19.6	18.7	18.8
Rhode Island									
Pawtucket-Woonsocket-Attleboro	25.5	24.5	24.2	123.6	125.7	128.3	60.9	62.2	61.9
Providence	3.5	3.1	2.8	25.9	27.4	28.1	9.4	11.0	11.2
	20.8	20.5	20.5	92.4	93.8	93.9	46.2	47.0	46.5
South Carolina									
Charleston	64.2	64.0	63.8	296.3	307.4	310.7	294.1	295.1	300.1
Columbia	7.7	8.0	8.0	46.8	48.3	48.6	55.5	54.0	54.5
Greenville-Spartanburg	18.9	17.9	17.9	51.9	52.9	53.4	69.6	69.7	70.8
	12.3	13.1	13.1	66.0	69.0	69.5	43.7	43.1	43.8
South Dakota									
Rapid City	16.9	17.1	17.2	74.5	77.2	77.2	66.4	65.9	66.4
Sioux Falls	1.5	1.4	1.4	10.3	10.9	10.9	7.6	7.9	8.0
	8.6	8.7	8.9	23.2	23.2	23.4	8.3	8.3	8.4
Tennessee									
Chattanooga	99.3	99.8	99.8	514.8	530.4	535.9	356.9	355.1	359.3
Johnson City-Kingsport-Bristol	13.3	13.3	13.3	46.1	49.9	50.0	34.7	35.1	35.5
Knoxville	5.5	5.6	5.6	37.5	37.9	37.8	25.4	25.1	25.9
Memphis	9.9	10.1	10.1	69.6	72.7	72.6	54.1	54.9	55.1
Nashville	24.5	25.0	25.1	124.7	125.5	126.5	79.7	78.7	79.8
	30.2	30.4	30.5	142.6	152.0	152.9	70.1	66.8	68.0
Texas									
Ablene	417.2	419.8	421.1	1,787.7	1,872.5	1,875.8	1,338.8	1,360.5	1,375.4
Amarillo	2.0	1.9	1.9	15.3	15.9	15.9	9.4	9.9	9.9
Austin	4.2	4.1	4.0	19.4	20.0	20.0	18.3	16.2	16.6
Beaumont-Port Arthur	23.3	24.0	24.0	103.5	108.8	108.7	114.7	113.4	115.4
Brazoria	4.7	4.7	4.7	36.6	37.8	38.0	22.4	22.9	23.0
Brownsville-Harlingen	1.8	1.8	1.8	11.5	11.4	11.5	12.5	12.5	12.7
Bryan-College Station	3.4	3.3	3.3	18.3	19.1	19.5	18.6	19.3	19.4
Corpus Christi	1.8	2.0	2.1	11.6	11.0	11.3	25.1	24.3	25.9
Dallas	5.9	6.0	6.1	34.1	34.3	34.2	30.1	30.7	30.0
El Paso	123.3	120.3	120.4	376.9	391.4	394.5	170.7	172.8	173.3
Ft. Worth-Arlington	8.0	8.3	8.2	45.0	46.1	46.3	47.0	46.9	47.0
Galveston-Texas City	27.9	27.8	27.8	142.1	149.7	149.9	80.4	82.6	82.8
Houston	5.4	5.7	5.7	14.0	16.2	16.2	23.2	24.1	24.5
Killeen-Temple	95.7	96.6	96.9	455.5	460.9	482.5	221.9	222.8	225.2
Laredo	3.1	3.5	3.5	18.9	20.1	20.1	23.9	24.3	24.7
Longview-Marshall	1.8	1.9	1.9	8.0	8.8	8.8	11.0	10.9	11.1
Lubbock	2.5	2.5	2.5	14.8	15.0	15.4	9.5	9.3	9.3
McAllen-Edinburg-Mission	4.6	4.5	4.4	26.4	26.4	26.5	23.9	24.2	24.3
Midland	3.7	3.8	3.8	18.9	19.6	19.7	30.0	30.5	30.5
Odessa	2.2	2.3	2.3	10.1	9.9	9.9	7.5	7.0	7.4
San Angelo	1.3	1.3	1.3	8.7	8.5	8.5	8.6	8.6	8.8
San Antonio	1.5	1.7	1.7	10.5	10.2	10.8	7.8	7.8	7.9
Sherman-Denison	38.4	38.4	38.4	149.6	155.3	160.5	124.3	125.5	127.2
Texarkana	2.1	2.0	2.0	9.1	9.3	9.4	4.8	4.9	4.9
Tyler	1.8	1.8	1.8	11.7	12.2	12.0	12.2	12.2	12.3
Victoria	3.0	2.9	2.9	16.7	17.2	17.2	10.1	10.3	10.4
Waco	1.5	1.5	1.5	7.2	7.7	7.9	5.7	6.0	6.3
Wichita Falls	5.1	5.2	5.2	23.3	22.1	23.2	14.1	14.3	14.4
	2.2	2.2	2.2	12.1	12.7	12.7	10.1	10.1	10.1

See footnotes at end of table.

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

B-8. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Utah	748.5	769.3	776.3	8.4	8.5	8.4	28.5	32.8	33.0
Provo-Orem	99.6	102.1	103.4	(¹)	(¹)	(¹)	4.3	5.0	5.0
Salt Lake City-Ogden	507.5	524.7	527.6	2.9	3.1	3.1	19.0	21.1	21.1
Vermont	248.9	248.6	251.9	.4	.3	.4	8.6	10.8	10.3
Barre-Montpelier	32.7	33.1	33.7	(¹)	(¹)	(¹)	1.0	.9	1.1
Burlington	77.6	75.5	76.2	(¹)	(¹)	(¹)	2.8	3.1	2.9
Virginia	2,783.6	2,817.4	2,819.2	13.7	13.1	13.2	136.6	137.9	138.3
Bristol	33.4	33.4	33.4	(¹)	(¹)	(¹)	1.0	1.1	1.1
Charlottesville	68.7	68.9	70.2	(¹)	(¹)	(¹)	3.3	3.1	3.2
Danville	40.7	41.1	41.1	(¹)	(¹)	(¹)	1.6	1.6	1.7
Lynchburg	76.2	77.4	77.5	(¹)	(¹)	(¹)	3.1	3.1	3.0
Norfolk-Virginia Beach-Newport News	569.6	577.9	577.8	(¹)	(¹)	(¹)	29.3	30.7	30.8
Northern Virginia	742.2	754.7	754.0	.4	.4	.4	34.0	35.3	35.5
Richmond-Petersburg	456.6	459.4	460.5	.8	.6	.6	26.3	25.7	25.7
Roanoke	123.5	127.5	128.9	(¹)	(¹)	(¹)	6.6	5.9	5.9
Washington	2,164.3	2,191.9	2,198.5	3.3	3.2	3.2	107.5	110.3	112.3
Seattle	1,109.6	1,115.7	1,119.4	.5	.5	.5	56.6	56.1	58.2
West Virginia	620.1	635.0	632.8	31.8	30.2	27.9	23.2	25.1	25.2
Charleston	110.7	112.4	112.6	1.9	1.9	1.8	4.5	4.7	4.6
Huntington-Ashland	109.9	110.5	110.3	1.6	1.6	1.6	4.5	4.4	4.4
Parkersburg-Marietta	61.3	62.9	62.6	.4	.4	.4	2.7	2.6	2.6
Wheeling	58.3	59.0	58.8	1.9	1.6	1.6	1.5	1.7	1.7
Wisconsin	2,277.4	2,318.9	2,331.2	1.6	1.8	1.8	74.3	81.9	81.3
Appleton-Oshkosh-Neenah	163.3	168.9	169.6	(¹)	(¹)	(¹)	7.2	8.7	8.6
Eau Claire	59.2	58.2	60.1	(¹)	(¹)	(¹)	1.5	1.5	1.7
Green Bay	108.8	111.4	111.8	(¹)	(¹)	(¹)	5.2	5.9	5.8
Janesville-Beloit	59.2	59.7	59.4	(¹)	(¹)	(¹)	1.7	2.2	2.0
Kenosha	43.8	46.3	46.4	(¹)	(¹)	(¹)	1.6	1.9	1.9
La Crosse	55.2	55.5	56.6	(¹)	(¹)	(¹)	1.4	1.8	2.0
Madison	225.9	232.7	234.7	(¹)	(¹)	(¹)	7.9	9.1	9.0
Milwaukee	743.4	754.5	757.9	(¹)	(¹)	(¹)	23.7	25.7	25.8
Racine	74.6	74.7	74.4	(¹)	(¹)	(¹)	2.1	2.6	2.5
Sheboygan	50.8	52.4	52.0	(¹)	(¹)	(¹)	1.5	2.1	1.9
Wausau	53.3	54.4	54.5	(¹)	(¹)	(¹)	2.6	2.3	2.4
Wyoming	195.8	197.1	196.9	17.2	17.2	16.6	9.1	8.9	8.7
Casper	27.4	27.7	27.6	2.1	2.1	2.1	1.1	1.2	1.1
Puerto Rico	841.9	845.2	845.9	.9	.9	.9	46.5	45.7	46.7
Caguas	56.5	57.3	56.9	(¹)	(¹)	(¹)	1.6	1.6	1.6
Mayaguez	59.4	55.9	60.1	(¹)	(¹)	(¹)	2.6	2.3	2.3
Ponce	55.9	57.3	57.4	(¹)	(¹)	(¹)	4.2	3.4	3.8
San Juan	511.1	513.5	513.7	.5	.5	.5	32.4	31.8	32.6
Virgin Islands	44.2	44.8	45.9	(¹)	(¹)	(¹)	3.9	4.6	4.9

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Utah	105.5	104.4	105.4	42.8	43.5	43.8	177.3	184.0	183.5
Provo-Orem	13.6	13.0	13.1	2.2	2.0	2.0	22.6	23.5	23.5
Salt Lake City-Ogden	68.2	68.6	68.8	33.6	34.4	34.6	124.1	127.7	127.5
Vermont	43.6	42.7	42.6	10.6	10.9	10.8	56.3	57.8	57.3
Barre-Montpelier	4.2	4.3	4.7	.9	.8	.8	7.0	7.1	7.1
Burlington	14.9	13.9	13.7	3.3	3.4	3.4	17.8	17.7	17.5
Virginia	406.9	405.7	403.8	143.7	144.5	143.9	613.4	623.7	616.5
Bristol	10.5	10.0	9.9	1.2	1.2	1.2	8.5	8.5	8.4
Charlottesville	8.0	7.7	7.7	2.3	2.4	2.4	13.7	13.8	13.5
Danville	15.4	15.7	15.5	1.0	1.0	1.1	8.3	8.3	8.2
Lynchburg	23.0	22.7	22.6	2.6	2.7	2.7	16.4	16.7	16.7
Norfolk-Virginia Beach-Newport News	63.7	62.2	61.9	27.6	28.1	28.1	132.2	134.2	133.4
Northern Virginia	32.6	31.8	31.7	48.6	47.7	47.4	162.2	164.6	162.9
Richmond-Petersburg	62.9	61.9	61.6	22.7	22.5	22.3	104.1	107.3	106.5
Roanoke	18.5	19.0	19.0	8.2	8.2	8.1	33.7	34.4	33.6
Washington	341.7	336.3	336.1	111.0	110.6	110.6	517.3	532.2	528.1
Seattle	212.7	206.1	205.6	68.1	68.1	68.4	258.4	264.5	262.5
West Virginia	81.3	82.5	82.5	37.2	37.8	37.5	141.3	145.5	144.6
Charleston	10.7	10.7	10.7	8.7	8.9	8.8	27.5	27.8	27.6
Huntington-Ashland	19.4	19.0	18.9	7.2	7.2	7.1	27.4	27.4	27.2
Parkersburg-Marietta	13.3	13.4	13.5	2.5	2.6	2.5	14.6	15.0	14.9
Wheeling	6.6	6.6	6.6	3.2	3.3	3.3	15.0	15.1	15.0
Wisconsin	534.0	541.9	541.2	106.0	108.2	108.5	524.2	536.7	531.3
Appleton-Oshkosh-Neenah	53.4	55.0	54.9	6.8	7.5	7.4	33.9	34.6	34.2
Eau Claire	10.6	10.2	10.2	3.1	3.2	3.2	16.0	16.2	16.4
Green Bay	23.0	24.1	24.1	7.8	8.1	8.0	26.2	26.3	26.0
Janesville-Beloit	18.6	17.9	17.9	2.3	2.3	2.4	13.6	14.0	13.7
Kenosha	9.5	9.8	9.8	1.5	1.5	1.4	12.3	14.2	13.8
La Crosse	10.1	10.1	10.1	2.3	2.4	2.3	15.4	15.4	15.5
Madison	24.6	25.8	25.8	7.8	8.0	8.1	49.4	49.8	49.9
Milwaukee	163.2	165.5	164.6	36.2	36.2	36.3	164.8	169.9	167.7
Racine	24.9	24.2	24.7	2.4	2.4	2.3	16.2	16.3	16.1
Sheboygan	20.3	20.7	20.6	1.7	1.5	1.5	9.7	10.1	9.9
Wausau	14.2	15.3	15.5	3.4	3.3	3.3	12.3	12.8	12.3
Wyoming	9.0	9.1	9.0	14.2	14.0	13.9	43.7	44.4	44.5
Casper	1.6	1.5	1.5	1.5	1.6	1.6	7.9	7.8	7.8
Puerto Rico	151.7	148.2	148.7	21.1	21.7	21.5	153.6	159.0	157.2
Caguas	16.2	15.1	15.1	.5	.4	.4	11.4	12.1	12.0
Mayaguez	17.6	18.8	17.1	.4	.5	.5	9.8	10.0	9.8
Ponce	10.0	10.2	10.2	1.5	1.8	1.8	8.9	9.7	9.5
San Juan	63.2	62.3	62.4	16.8	17.6	17.5	102.2	106.6	105.6
Virgin Islands	2.8	2.8	2.8	2.5	2.5	2.5	10.0	9.8	9.9

See footnotes at end of table.

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

B-8. 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^p	Feb. 1992	Jan. 1993	Feb. 1993 ^p	Feb. 1992	Jan. 1993	Feb. 1993 ^p
Utah	36.5	37.4	37.7	191.0	200.2	203.1	158.5	158.5	161.4
Provo-Orem	2.5	2.7	2.8	38.8	40.4	41.4	15.6	15.5	15.8
Salt Lake City-Ogden	30.0	30.8	30.8	128.7	133.6	135.0	103.0	105.4	106.7
Vermont	11.9	11.6	11.8	72.1	70.8	74.0	45.4	43.7	44.9
Barre-Montpelier	2.7	2.6	2.6	8.7	9.1	9.1	8.2	8.3	8.3
Burlington	4.0	4.0	4.1	21.7	21.1	21.5	13.1	12.3	13.1
Virginia	147.8	147.4	147.9	729.8	750.1	754.2	591.7	595.0	601.4
Bristol	1.1	1.2	1.2	5.8	6.0	6.1	5.3	5.4	5.5
Charlottesville	3.6	3.8	3.7	14.9	15.5	15.7	22.9	22.8	24.0
Darville	1.2	1.2	1.2	7.5	7.6	7.7	5.7	5.7	5.7
Lynchburg	3.6	3.6	3.6	17.9	18.9	18.2	9.6	9.7	9.7
Norfolk-Virginia Beach-Newport News	25.3	25.3	25.4	152.3	156.7	157.4	139.2	140.7	140.8
Northern Virginia	47.4	47.9	48.0	261.7	270.3	270.9	155.3	156.7	157.2
Richmond-Petersburg	38.9	38.1	38.2	103.8	106.9	107.7	97.1	96.4	97.9
Roanoke	8.7	9.0	8.9	31.7	34.4	34.6	16.1	16.6	16.8
Washington	117.5	115.8	116.2	539.2	555.8	560.1	426.8	427.7	431.9
Seattle	73.1	72.2	72.7	280.0	288.1	289.7	160.2	160.1	161.8
West Virginia	24.2	24.6	24.7	152.9	159.2	159.9	128.2	130.1	130.5
Charleston	6.2	6.3	6.3	31.3	32.0	32.5	19.9	20.1	20.3
Huntington-Ashland	3.8	3.7	3.7	25.8	27.5	27.8	20.2	19.7	19.8
Parkersburg-Marietta	2.3	2.4	2.4	15.3	16.0	15.8	10.2	10.5	10.5
Wheeling	2.9	3.0	3.0	17.9	18.1	18.2	9.3	9.6	9.4
Wisconsin	124.9	127.4	127.3	551.9	566.1	570.0	360.6	354.9	389.8
Appleton-Oshkosh-Neenah	8.2	8.5	8.5	35.0	36.2	36.5	18.9	18.5	19.6
Eau Claire	2.0	2.0	2.0	14.1	14.0	14.4	12.0	11.1	12.3
Green Bay	6.5	6.9	7.1	27.3	27.5	27.9	12.8	12.6	13.0
Janesville-Beloit	1.7	1.7	1.7	13.8	14.0	13.8	7.5	7.6	7.9
Kenosha	1.4	1.4	1.4	10.8	10.8	10.8	6.6	6.8	7.2
La Crosse	1.8	1.7	1.7	15.8	16.1	16.4	8.3	7.9	8.5
Madison	19.9	20.4	20.5	51.8	54.3	55.0	64.5	65.2	66.5
Milwaukee	51.8	52.5	52.4	214.2	219.6	220.4	89.5	85.1	90.7
Racine	2.3	2.3	2.3	17.6	17.9	17.3	9.0	9.1	9.2
Sheboygan	2.2	2.3	2.3	9.7	9.7	9.8	5.7	6.0	6.1
Wausau	4.0	4.0	4.0	10.1	10.2	10.3	6.7	6.5	6.7
Wyoming	6.9	7.3	7.3	38.1	38.8	38.9	57.6	57.4	58.0
Casper	1.1	1.1	1.1	6.8	6.8	6.9	5.3	5.6	5.5
Puerto Rico	36.8	35.9	35.9	139.5	140.4	142.1	291.8	293.4	292.9
Caguas	1.3	1.2	1.2	8.6	9.3	9.2	16.9	17.5	17.5
Mayaguez	1.5	1.5	1.4	8.3	9.3	9.5	19.2	19.5	19.5
Ponce	1.7	1.7	1.7	11.4	12.2	12.4	18.2	18.3	18.3
San Juan	28.9	28.5	28.4	96.5	96.2	96.9	170.6	170.0	169.8
Virgin Islands	2.0	2.1	2.1	9.4	9.6	9.8	13.6	13.4	13.9

¹ Combined with construction.
² Not available.
^p = preliminary.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 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	266.06
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	10.33	354.32	44.4	14.18	629.59	38.1	13.99	533.02
1992	34.4	10.59	364.30	44.0	14.51	638.44	38.0	14.11	536.18
Monthly data, not seasonally adjusted									
1992:									
March	34.3	\$10.54	\$361.52	43.8	\$14.54	\$636.85	37.3	\$14.03	\$523.32
April	34.2	10.54	360.47	43.6	14.52	633.07	38.2	14.02	535.56
May	34.4	10.55	362.92	43.9	14.45	634.36	38.9	14.05	546.55
June	34.6	10.53	364.34	43.8	14.51	635.54	38.9	14.09	548.10
July	34.6	10.53	364.34	43.2	14.47	625.10	38.9	14.05	546.55
August	35.0	10.56	369.60	44.5	14.45	643.03	39.0	14.20	553.80
September	34.3	10.66	365.64	44.0	14.57	641.08	37.1	14.18	526.08
October	34.5	10.69	368.81	44.4	14.44	641.14	39.0	14.25	555.75
November	34.6	10.73	371.26	44.7	14.58	651.73	37.5	14.20	532.50
December	34.5	10.71	369.50	44.4	14.55	646.02	37.2	14.23	529.36
1993:									
January	34.0	10.78	366.52	44.1	14.69	647.83	36.1	14.16	511.18
February ^p	34.2	10.78	368.68	43.7	14.58	637.15	36.7	14.07	516.37
March ^p	34.1	10.81	368.62	43.1	14.67	632.28	37.6	14.19	533.54

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

Year and month	Manufacturing				Transportation and public utilities			Wholesale trade		
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages										
1964	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.56
1965	41.2	2.61	2.50	107.53	41.3	3.03	125.14	40.8	2.60	106.08
1966	41.4	2.71	2.59	112.19	41.2	3.11	128.13	40.7	2.73	111.11
1967	40.6	2.82	2.71	114.49	40.5	3.23	130.82	40.3	2.87	115.66
1968	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.04	121.90
1969	40.6	3.19	3.05	129.51	40.7	3.63	147.74	40.2	3.23	129.85
1970	39.8	3.35	3.23	133.33	40.5	3.85	155.93	39.9	3.43	136.86
1971	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.4	3.64	143.42
1972	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.69
1973	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.2	4.07	159.54
1974	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.38	169.94
1975	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.6	4.72	182.19
1976	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.02	194.27
1977	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	209.13
1978	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	228.14
1979	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.93
1980	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.4	6.95	266.88
1981	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.55	290.68
1982	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.08	309.46
1983	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.54	328.79
1984	40.7	9.19	8.82	374.03	39.4	11.12	438.13	38.5	8.88	341.88
1985	40.5	9.54	9.16	386.37	39.5	11.40	450.30	38.4	9.15	351.36
1986	40.7	9.73	9.34	396.01	39.2	11.70	458.64	38.3	9.34	357.72
1987	41.0	9.91	9.48	406.31	39.2	12.03	471.58	38.1	9.59	365.38
1988	41.1	10.19	9.73	418.81	38.8	12.26	475.69	38.1	9.98	380.24
1989	41.0	10.48	10.02	429.68	38.9	12.60	490.14	38.0	10.39	394.82
1990	40.8	10.83	10.37	441.86	38.9	12.97	504.53	38.1	10.79	411.10
1991	40.7	11.18	10.71	455.03	38.7	13.24	512.39	38.1	11.15	424.82
1992	41.0	11.45	10.94	469.45	38.8	13.49	523.41	38.2	11.40	435.48
Monthly data, not seasonally adjusted										
1992:										
March	40.9	\$11.36	\$10.89	\$464.62	38.2	\$13.38	\$511.12	38.2	\$11.34	\$433.19
April	40.4	11.41	10.96	460.96	38.2	13.43	513.03	38.2	11.34	433.19
May	41.1	11.44	10.94	470.18	38.7	13.39	518.19	38.3	11.35	434.71
June	41.2	11.45	10.93	471.74	38.9	13.40	521.26	38.2	11.33	432.81
July	40.7	11.46	10.96	466.42	39.2	13.43	526.46	38.2	11.38	434.72
August	41.1	11.44	10.91	470.18	39.5	13.50	533.25	38.5	11.43	440.06
September	41.0	11.53	11.00	472.73	39.1	13.61	532.15	38.1	11.46	436.63
October	41.3	11.49	10.95	474.54	39.0	13.59	530.01	38.2	11.46	437.77
November	41.6	11.54	11.00	480.06	39.5	13.65	539.18	38.4	11.53	442.75
December	41.9	11.63	11.07	487.30	39.2	13.60	533.12	38.2	11.53	440.45
1993:										
January	41.1	11.61	11.10	477.17	38.9	13.61	529.43	37.9	11.61	440.02
February ^p	41.1	11.60	11.09	476.76	39.1	13.61	532.15	37.9	11.62	440.40
March ^p	40.9	11.63	11.12	475.67	39.3	13.68	537.62	37.8	11.61	438.86

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	6.95	198.77	35.7	10.40	371.28	32.4	10.22	331.13
1992	28.8	7.14	205.63	35.8	10.82	387.36	32.5	10.54	342.55
Monthly data, not seasonally adjusted									
1992:									
March	28.4	\$7.11	\$201.92	36.2	\$10.80	\$390.96	32.5	\$10.53	\$342.23
April	28.6	7.12	203.63	35.7	10.75	383.78	32.3	10.50	339.15
May	28.7	7.12	204.34	35.6	10.76	383.06	32.4	10.47	339.23
June	29.0	7.10	205.90	35.6	10.70	380.92	32.5	10.42	338.65
July	29.3	7.10	208.03	35.6	10.73	381.99	32.7	10.41	340.41
August	29.6	7.10	210.16	36.3	10.84	393.49	33.0	10.45	344.85
September	29.0	7.21	209.09	35.5	10.84	384.82	32.2	10.61	341.64
October	28.7	7.19	206.35	35.6	10.91	388.40	32.4	10.63	344.41
November	28.7	7.21	206.93	36.2	11.06	400.37	32.6	10.72	349.47
December	29.2	7.19	209.95	35.7	11.04	394.13	32.3	10.75	347.23
1993:									
January	28.0	7.26	203.28	35.7	11.14	397.70	32.1	10.81	347.00
February ^p	28.2	7.25	204.45	35.7	11.20	399.84	32.3	10.82	349.49
March ^p	27.8	7.27	202.11	35.6	11.20	398.72	32.3	10.81	349.16

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a
Total private		34.2	34.3	34.0	34.2	34.1	-	-	-	-	-
Mining		43.9	43.8	44.1	43.7	43.1	-	-	-	-	-
Metal mining	10	42.6	42.6	43.1	43.0	-	-	-	-	-	
Iron ores	101	42.7	42.9	43.2	42.5	-	-	-	-	-	
Copper ores	102	43.2	43.6	45.1	45.2	-	-	-	-	-	
Coal mining	12	45.2	44.6	45.5	45.0	-	-	-	-	-	
Bituminous coal and lignite mining	122	45.2	44.8	45.8	45.3	-	-	-	-	-	
Oil and gas extraction	13	43.9	43.8	44.3	43.3	-	-	-	-	-	
Crude petroleum and natural gas	131	42.3	41.7	42.8	41.9	-	-	-	-	-	
Oil and gas field services	138	45.0	45.3	45.1	44.2	-	-	-	-	-	
Nonmetallic minerals, except fuels	14	42.7	43.5	42.5	43.5	-	-	-	-	-	
Crushed and broken stone	142	42.3	43.5	42.7	43.8	-	-	-	-	-	
Construction		36.6	37.3	36.1	36.7	37.6	-	-	-	-	
General building contractors	15	37.0	37.2	36.1	36.7	-	-	-	-	-	
Residential building construction	152	35.8	36.0	34.8	35.8	-	-	-	-	-	
Operative builders	153	37.5	38.9	36.1	37.8	-	-	-	-	-	
Nonresidential building construction	154	38.1	38.3	37.3	37.5	-	-	-	-	-	
Heavy construction, except building	16	39.9	40.6	38.2	39.7	-	-	-	-	-	
Highway and street construction	161	38.5	39.5	36.1	38.5	-	-	-	-	-	
Heavy construction, except highway	162	40.3	41.0	38.8	40.1	-	-	-	-	-	
Special trade contractors	17	35.7	36.5	35.6	35.9	-	-	-	-	-	
Plumbing, heating, and air conditioning	171	37.5	38.1	38.0	37.6	-	-	-	-	-	
Painting and paper hanging	172	34.9	35.9	34.1	35.1	-	-	-	-	-	
Electrical work	173	38.1	38.6	38.5	38.3	-	-	-	-	-	
Masonry, stonework, and plastering	174	32.9	33.8	32.7	33.2	-	-	-	-	-	
Carpentry and floor work	175	33.7	34.4	33.4	33.9	-	-	-	-	-	
Roofing, siding, and sheet metal work	176	31.0	31.9	29.0	30.8	-	-	-	-	-	
Manufacturing		40.6	40.9	41.1	41.1	40.9	3.4	3.5	3.8	3.8	3.7
Durable goods		41.1	41.4	41.7	41.7	41.7	3.3	3.5	3.8	3.9	3.8
Lumber and wood products	24	40.2	40.6	39.8	40.2	40.0	3.5	3.6	3.5	3.7	-
Logging	241	41.0	40.9	36.7	38.9	-	4.6	4.5	4.3	5.1	-
Sawmills and planing mills	242	41.8	41.6	41.4	42.0	-	4.5	4.4	4.5	4.7	-
Sawmills and planing mills, general	2421	42.3	41.9	41.6	42.3	-	4.9	4.7	4.7	5.0	-
Hardwood dimension and flooring mills	2426	40.3	40.7	41.2	41.2	-	3.0	3.1	3.6	3.8	-
Millwork, plywood, and structural members	243	40.0	40.9	39.9	40.1	-	3.1	3.6	3.1	3.3	-
Millwork	2431	39.4	39.5	39.2	39.5	-	2.4	2.7	2.4	2.7	-
Wood kitchen cabinets	2434	38.4	41.1	39.6	39.4	-	2.4	4.2	3.0	2.9	-
Hardwood veneer and plywood	2435	42.1	42.3	41.9	41.9	-	4.4	4.3	4.4	4.5	-
Softwood veneer and plywood	2436	44.5	44.5	42.6	42.7	-	5.6	5.0	5.0	5.2	-
Wood containers	244	38.5	38.7	38.6	38.8	-	2.5	2.6	2.9	3.1	-
Wood buildings and mobile homes	245	36.7	38.4	38.4	38.0	-	1.3	1.9	2.4	2.3	-
Mobile homes	2451	37.1	38.9	38.8	38.6	-	1.5	2.2	2.6	2.5	-
Miscellaneous wood products	249	39.5	39.5	40.1	40.1	-	2.9	2.9	3.0	2.9	-
Furniture and fixtures	25	38.9	39.5	39.8	39.5	39.5	2.3	2.6	2.7	2.6	-
Household furniture	251	38.4	38.9	39.4	39.3	-	2.0	2.4	2.5	2.5	-
Wood household furniture	2511	38.8	39.2	40.0	39.7	-	1.9	2.3	2.6	2.6	-
Upholstered household furniture	2512	36.9	37.6	38.2	38.6	-	1.5	1.7	2.0	2.1	-
Metal household furniture	2514	40.3	40.4	40.3	39.9	-	3.4	3.5	2.7	3.0	-
Mattresses and bedsprings	2515	39.8	40.3	41.4	39.5	-	2.7	3.3	4.2	3.7	-
Office furniture	252	38.9	40.1	40.1	39.6	-	2.5	2.7	2.8	2.5	-
Public building and related furniture	253	41.4	42.1	41.8	40.3	-	3.3	3.8	3.4	2.7	-
Partitions and fixtures	254	40.5	40.9	39.7	39.8	-	2.9	3.1	3.1	3.0	-
Miscellaneous furniture and fixtures	259	38.3	38.8	40.7	40.4	-	1.9	2.0	2.4	2.4	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Total private		\$10.52	\$10.54	\$10.78	\$10.78	\$10.81	\$359.78	\$361.52	\$366.52	\$368.68	\$368.62
Mining		14.52	14.54	14.69	14.58	14.67	637.43	636.85	647.83	637.15	632.28
Metal mining	10	15.13	15.05	15.20	15.19	-	644.54	641.13	655.12	653.17	-
Iron ores	101	16.01	16.10	15.73	15.76	-	683.63	690.69	679.54	669.80	-
Copper ores	102	13.82	13.44	13.85	14.01	-	597.02	585.98	624.64	633.25	-
Coal mining	12	17.03	17.03	17.54	17.23	-	769.76	759.54	798.07	775.35	-
Bituminous coal and lignite mining	122	17.15	17.16	17.74	17.44	-	775.18	768.77	812.49	790.03	-
Oil and gas extraction	13	14.02	14.09	14.05	14.07	-	615.48	617.14	622.42	609.23	-
Crude petroleum and natural gas	131	16.92	16.96	16.93	17.03	-	715.72	707.23	724.60	713.56	-
Oil and gas field services	138	12.11	12.19	12.29	12.24	-	544.95	552.21	554.28	541.01	-
Nonmetallic minerals, except fuels	14	11.90	12.05	12.38	12.38	-	508.13	524.18	526.15	538.53	-
Crushed and broken stone	142	11.07	11.22	11.41	11.51	-	468.26	488.07	487.21	504.14	-
Construction		13.87	14.03	14.16	14.07	14.19	507.64	523.32	511.18	516.37	533.54
General building contractors	15	13.28	13.33	13.54	13.46	-	491.36	495.88	488.79	493.98	-
Residential building construction	152	12.22	12.39	12.62	12.57	-	437.48	446.04	439.18	450.01	-
Operative builders	153	14.35	14.49	13.58	13.58	-	538.13	563.66	490.24	513.32	-
Nonresidential building construction	154	14.17	14.13	14.38	14.29	-	539.88	541.18	536.37	535.88	-
Heavy construction, except building	16	13.24	13.52	13.52	13.43	-	528.28	548.91	516.46	533.17	-
Highway and street construction	161	12.27	12.56	12.76	12.57	-	472.40	496.12	460.64	483.95	-
Heavy construction, except highway	162	13.53	13.83	13.73	13.69	-	545.26	567.03	532.72	548.97	-
Special trade contractors	17	14.28	14.45	14.54	14.47	-	509.80	527.43	517.62	519.47	-
Plumbing, heating, and air conditioning	171	14.65	14.86	14.87	14.77	-	549.38	566.17	565.06	555.35	-
Painting and paper hanging	172	12.85	13.05	13.16	13.17	-	448.47	468.50	448.76	462.27	-
Electrical work	173	15.35	15.41	15.51	15.47	-	584.84	594.83	597.14	592.50	-
Masonry, stonework, and plastering	174	14.24	14.47	14.43	14.35	-	468.50	489.09	471.86	476.42	-
Carpentry and floor work	175	14.06	14.38	14.25	14.20	-	473.82	494.67	475.95	481.38	-
Roofing, siding, and sheet metal work	176	12.20	12.30	12.72	12.70	-	378.20	392.37	368.88	391.16	-
Manufacturing		11.32	11.36	11.61	11.60	11.63	459.59	464.62	477.17	476.76	475.67
Durable goods		11.89	11.92	12.19	12.19	12.20	488.68	493.49	508.32	508.32	508.74
Lumber and wood products	24	9.37	9.34	9.45	9.51	9.48	376.67	379.20	376.11	382.30	379.20
Logging	241	11.02	10.98	10.97	11.24	-	451.82	449.08	402.60	437.24	-
Sawmills and planing mills	242	9.55	9.52	9.75	9.76	-	399.19	396.03	403.65	409.92	-
Sawmills and planing mills, general	2421	9.91	9.87	10.14	10.15	-	419.19	413.55	421.82	429.35	-
Hardwood dimension and flooring mills	2426	7.93	7.94	8.08	8.08	-	319.58	323.16	332.90	332.90	-
Millwork, plywood, and structural members	243	9.43	9.41	9.50	9.53	-	377.20	384.87	379.05	382.15	-
Millwork	2431	9.61	9.57	9.68	9.70	-	378.63	378.02	379.46	383.15	-
Wood kitchen cabinets	2434	8.94	9.01	8.98	8.96	-	343.30	370.31	355.61	353.02	-
Hardwood veneer and plywood	2435	8.11	8.11	8.27	8.28	-	341.43	343.05	346.51	346.93	-
Softwood veneer and plywood	2436	10.79	10.71	11.21	11.18	-	480.16	476.60	477.55	477.39	-
Wood containers	244	6.84	6.82	6.97	6.97	-	263.34	263.93	269.04	270.44	-
Wood buildings and mobile homes	245	9.02	9.14	9.18	9.16	-	331.03	350.98	352.51	348.08	-
Mobile homes	2451	9.01	9.18	9.19	9.21	-	334.27	357.10	356.57	355.51	-
Miscellaneous wood products	249	8.71	8.64	8.81	8.82	-	344.05	341.28	353.28	353.68	-
Furniture and fixtures	25	8.85	8.89	9.14	9.12	9.09	344.27	351.16	363.77	360.24	359.06
Household furniture	251	8.27	8.32	8.61	8.58	-	317.57	323.65	339.23	337.19	-
Wood household furniture	2511	7.71	7.76	8.04	8.02	-	299.15	304.19	321.60	318.39	-
Upholstered household furniture	2512	9.09	9.16	9.40	9.39	-	335.42	344.42	359.08	362.45	-
Metal household furniture	2514	8.31	8.33	8.54	8.48	-	334.89	336.53	344.16	338.35	-
Mattresses and bedsprings	2515	8.60	8.60	9.14	8.97	-	342.28	346.58	378.40	354.32	-
Office furniture	252	9.63	9.68	9.84	9.80	-	374.61	388.17	394.58	388.08	-
Public building and related furniture	253	9.45	9.48	9.63	9.54	-	391.23	399.11	402.53	384.46	-
Partitions and fixtures	254	10.08	10.14	10.41	10.43	-	408.24	414.73	413.28	415.11	-
Miscellaneous furniture and fixtures	259	9.30	9.23	9.52	9.52	-	356.19	358.12	387.46	384.61	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Durable goods—Continued											
Stone, clay, and glass products	32	40.8	41.4	41.0	41.4	41.6	4.0	4.3	4.1	4.3	-
Flat glass	321	44.8	44.1	43.9	44.1	-	5.4	5.6	5.6	6.1	-
Glass and glassware, pressed or blown	322	42.1	41.8	42.7	42.4	-	4.4	4.3	4.7	4.4	-
Glass containers	3221	42.6	41.8	43.7	43.1	-	5.6	5.1	5.9	5.5	-
Pressed and blown glass, nec	3229	41.6	41.7	41.7	41.7	-	3.3	3.5	3.5	3.4	-
Products of purchased glass	323	40.1	40.4	41.8	41.2	-	2.7	2.9	3.0	2.8	-
Cement, hydraulic	324	42.4	42.2	43.6	43.5	-	4.2	4.2	5.0	5.4	-
Structural clay products	325	39.9	40.0	40.8	40.8	-	2.8	3.0	3.0	3.1	-
Pottery and related products	326	39.8	40.2	42.0	42.1	-	2.6	2.8	3.1	3.1	-
Concrete, gypsum, and plaster products	327	39.9	41.5	38.6	40.3	-	4.8	5.5	4.4	5.1	-
Concrete block and brick	3271	40.4	42.4	40.1	42.1	-	4.9	5.4	4.5	5.8	-
Concrete products, nec	3272	41.3	42.2	41.1	41.7	-	4.6	4.8	4.4	4.7	-
Ready-mixed concrete	3273	37.3	39.6	35.3	37.7	-	4.3	5.4	3.6	4.5	-
Misc. nonmetallic mineral products	329	41.5	41.9	42.4	42.0	-	4.0	4.2	4.4	4.3	-
Abrasive products	3291	40.9	41.3	42.6	42.1	-	2.9	3.2	4.1	3.4	-
Asbestos products	3292	41.5	41.0	43.0	42.0	-	6.1	5.2	5.4	4.8	-
Primary metal industries	33	42.5	42.7	43.6	43.5	43.2	4.6	4.7	5.3	5.3	-
Blast furnaces and basic steel products	331	42.7	43.0	43.9	43.9	43.8	4.8	4.9	5.5	5.7	-
Blast furnaces and steel mills	3312	42.7	43.1	43.9	43.9	-	4.9	5.0	5.7	5.9	-
Steel pipe and tubes	3317	41.7	41.8	44.8	44.4	-	3.9	4.1	5.1	4.9	-
Iron and steel foundries	332	42.4	42.3	43.5	43.8	-	4.1	4.2	5.2	5.3	-
Gray and ductile iron foundries	3321	42.5	42.6	43.9	44.1	-	4.3	4.5	5.4	5.4	-
Malleable iron foundries	3322	44.2	45.6	43.7	45.1	-	5.3	6.3	7.0	8.1	-
Steel foundries, nec	3325	41.9	41.1	42.6	43.2	-	3.3	3.4	5.0	5.1	-
Primary nonferrous metals	333	43.6	44.0	43.6	42.5	-	5.2	5.5	4.9	4.9	-
Primary aluminum	3334	42.9	43.6	43.4	41.6	-	5.3	5.6	4.7	4.6	-
Nonferrous rolling and drawing	335	42.8	42.9	43.9	43.9	-	5.1	5.3	5.8	5.7	-
Copper rolling and drawing	3351	43.6	43.7	44.3	44.4	-	6.4	6.2	7.2	7.1	-
Aluminum sheet, plate, and foil	3353	44.7	45.2	46.4	45.6	-	7.1	7.3	7.3	7.1	-
Nonferrous wire drawing and insulating	3357	41.5	41.7	42.8	43.0	-	4.0	4.3	5.0	5.2	-
Nonferrous foundries (castings)	336	40.9	40.9	41.9	41.6	-	3.1	3.2	3.7	3.8	-
Aluminum foundries	3365	40.9	41.4	41.6	41.0	-	3.2	3.7	3.8	3.6	-
Fabricated metal products	34	41.1	41.3	41.7	41.7	41.6	3.3	3.5	3.8	3.8	-
Metal cans and shipping containers	341	42.2	42.1	43.6	44.0	-	4.9	4.9	5.7	5.2	-
Metal cans	3411	42.4	42.3	43.4	44.0	-	5.0	4.8	5.6	5.1	-
Cutlery, handtools, and hardware	342	41.0	41.3	41.2	41.2	-	2.5	2.7	3.1	3.2	-
Hand and edge tools, and blades and handsaws	3423,5	40.6	40.8	41.3	40.8	-	2.6	2.7	3.0	2.9	-
Hardware, nec	3429	41.0	41.1	40.9	40.9	-	2.2	2.5	3.1	3.1	-
Plumbing and heating, except electric	343	41.0	41.5	41.1	41.3	-	3.5	3.7	3.4	3.2	-
Plumbing fixture fittings and trim	3432	41.9	42.4	42.2	41.0	-	4.0	4.1	4.1	3.1	-
Heating equipment, except electric	3433	37.6	38.5	39.1	39.1	-	1.2	1.6	1.6	1.6	-
Fabricated structural metal products	344	40.4	40.4	40.7	40.6	-	2.9	3.0	3.3	3.3	-
Fabricated structural metal	3441	40.4	40.2	41.5	41.8	-	3.3	3.3	4.0	4.3	-
Metal doors, sash, and trim	3442	38.7	38.9	38.3	38.6	-	1.7	1.9	2.1	2.0	-
Fabricated plate work (boiler shops)	3443	42.5	42.2	42.1	42.2	-	4.0	3.9	4.2	4.2	-
Sheet metal work	3444	40.1	40.4	40.1	39.9	-	2.8	2.9	2.9	2.9	-
Architectural metal work	3446	38.7	39.1	40.0	39.5	-	2.5	2.8	3.2	3.0	-
Screw machine products, bolts, etc	345	41.5	41.6	42.4	42.6	-	4.0	4.1	4.7	4.8	-
Screw machine products	3451	41.2	41.1	41.6	41.8	-	3.5	3.5	4.1	4.3	-
Bolts, nuts, rivets, and washers	3452	41.8	42.1	43.3	43.4	-	4.5	4.7	5.4	5.4	-
Metal forgings and stampings	346	41.5	41.9	42.7	42.9	-	3.3	3.8	4.2	4.4	-
Iron and steel forgings	3462	41.4	41.6	43.0	42.2	-	3.0	3.8	4.1	3.8	-
Automotive stampings	3465	42.1	42.4	43.0	43.8	-	3.4	3.8	4.3	5.0	-
Metal stampings, nec	3469	40.4	41.1	41.9	41.7	-	3.2	3.6	3.8	3.7	-
Metal services, nec	347	40.8	41.0	41.3	41.3	-	3.7	3.7	3.7	3.8	-
Plating and polishing	3471	40.2	40.6	41.1	40.9	-	3.3	3.4	3.3	3.5	-
Metal coating and allied services	3479	41.7	41.6	41.7	42.0	-	4.4	4.3	4.3	4.4	-
Ordnance and accessories, nec	348	42.2	41.9	42.0	42.0	-	4.0	4.0	3.6	3.5	-
Ammunition, except for small arms, nec	3483	41.6	41.1	40.9	41.2	-	3.8	3.5	2.9	2.7	-
Misc. fabricated metal products	349	41.5	41.7	42.4	42.0	-	3.4	3.5	4.0	3.8	-
Valves and pipe fittings, nec	3494	42.2	42.2	43.0	42.0	-	3.4	3.4	4.5	4.0	-
Misc. fabricated wire products	3496	40.1	40.4	41.7	41.3	-	2.9	2.9	3.4	3.4	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Durable goods—Continued											
Stone, clay, and glass products	32	\$11.42	\$11.49	\$11.67	\$11.70	\$11.73	\$465.94	\$475.69	\$478.47	\$484.38	\$487.97
Flat glass	321	16.09	16.41	16.64	16.85	-	720.83	723.68	730.50	743.09	-
Glass and glassware, pressed or blown	322	12.85	12.84	13.14	13.02	-	540.99	536.71	561.08	552.05	-
Glass containers	3221	13.55	13.50	13.59	13.50	-	577.23	564.30	593.88	581.85	-
Pressed and blown glass, nec	3229	12.17	12.23	12.71	12.57	-	506.27	509.99	530.01	524.17	-
Products of purchased glass	323	9.83	9.71	10.30	10.35	-	394.18	392.28	430.54	426.42	-
Cement, hydraulic	324	14.60	14.64	14.96	15.09	-	619.04	617.81	652.26	656.42	-
Structural clay products	325	9.82	9.87	10.17	10.26	-	391.82	394.80	414.94	418.61	-
Pottery and related products	326	9.99	10.01	10.11	10.05	-	397.60	402.40	424.62	423.11	-
Concrete, gypsum, and plaster products	327	10.75	10.97	10.91	11.04	-	428.93	455.26	421.13	444.91	-
Concrete block and brick	3271	9.92	10.18	10.40	10.46	-	400.77	431.63	417.04	440.37	-
Concrete products, nec	3272	9.88	9.89	9.91	10.00	-	408.04	417.36	407.30	417.00	-
Ready-mixed concrete	3273	11.34	11.72	11.52	11.67	-	422.98	464.11	406.66	439.96	-
Misc. nonmetallic mineral products	329	11.86	11.92	12.16	12.19	-	492.19	499.45	515.58	511.98	-
Abrasive products	3291	10.32	10.21	10.57	10.60	-	422.09	421.67	450.28	446.26	-
Asbestos products	3292	11.87	12.11	13.24	13.09	-	492.61	496.51	569.32	549.78	-
Primary metal industries	33	13.45	13.48	13.76	13.81	13.79	571.63	575.60	599.94	600.74	595.73
Blast furnaces and basic steel products	331	15.61	15.61	15.99	16.23	16.18	666.55	671.23	701.96	712.50	708.68
Blast furnaces and steel mills	3312	16.56	16.53	16.98	17.33	-	707.11	712.44	745.42	760.79	-
Steel pipe and tubes	3317	12.17	12.25	12.56	12.49	-	507.49	512.05	562.69	554.56	-
Iron and steel foundries	332	11.98	12.03	12.21	12.14	-	507.95	508.87	531.14	531.73	-
Gray and ductile iron foundries	3321	12.38	12.45	12.61	12.46	-	526.15	530.37	553.58	549.49	-
Malleable iron foundries	3322	12.54	12.57	12.69	13.08	-	554.27	573.19	554.55	589.91	-
Steel foundries, nec	3325	11.33	11.38	11.83	11.80	-	474.73	467.72	503.96	509.76	-
Primary nonferrous metals	333	14.66	14.57	15.01	15.00	-	639.18	641.08	654.44	637.50	-
Primary aluminum	3334	14.98	14.94	15.21	15.15	-	642.64	651.38	660.11	630.24	-
Nonferrous rolling and drawing	335	12.75	12.80	13.10	13.02	-	545.70	549.12	575.09	571.58	-
Copper rolling and drawing	3351	12.31	12.31	12.65	12.62	-	536.72	537.95	560.40	560.33	-
Aluminum sheet, plate, and foil	3353	15.52	15.49	15.60	15.38	-	693.74	700.15	723.84	701.33	-
Nonferrous wire drawing and insulating	3357	12.52	12.64	13.13	13.03	-	519.58	527.09	561.96	560.29	-
Nonferrous foundries (castings)	336	10.70	10.76	11.09	11.10	-	437.63	440.08	464.67	461.76	-
Aluminum foundries	3365	10.43	10.47	10.65	10.63	-	426.59	433.46	443.04	435.83	-
Fabricated metal products	34	11.33	11.34	11.53	11.53	11.54	465.66	468.34	480.80	480.80	480.06
Metal cans and shipping containers	341	14.87	14.71	15.08	14.88	-	627.51	619.29	657.49	654.72	-
Metal cans	3411	15.83	15.64	16.15	15.89	-	671.19	661.57	700.91	699.16	-
Cutlery, handtools, and hardware	342	11.17	11.21	11.50	11.47	-	457.97	462.97	473.80	472.56	-
Hand and edge tools, and blades and handsaws	3423,5	10.49	10.46	10.78	10.84	-	425.89	426.77	445.21	442.27	-
Hardware, nec	3429	11.29	11.38	11.64	11.51	-	462.89	467.72	476.08	470.76	-
Plumbing and heating, except electric	343	10.10	10.07	10.36	10.34	-	414.10	417.91	425.80	427.04	-
Plumbing fixture fittings and trim	3432	9.69	9.67	9.99	9.80	-	406.01	410.01	421.58	401.80	-
Heating equipment, except electric	3433	10.14	10.10	10.37	10.41	-	381.26	388.85	405.47	407.03	-
Fabricated structural metal products	344	10.62	10.64	10.73	10.75	-	429.05	429.86	436.71	436.45	-
Fabricated structural metal	3441	10.62	10.65	10.72	10.78	-	429.05	428.13	444.88	450.60	-
Metal doors, sash, and trim	3442	8.93	8.93	8.95	8.95	-	345.59	347.38	342.79	345.47	-
Fabricated plate work (boiler shops)	3443	11.66	11.74	12.02	12.05	-	495.55	495.43	506.04	508.51	-
Sheet metal work	3444	10.85	10.87	10.97	11.01	-	435.09	439.15	439.90	439.30	-
Architectural metal work	3446	10.22	10.26	9.86	9.88	-	395.51	401.17	394.40	390.26	-
Screw machine products, bolts, etc	345	11.36	11.45	11.55	11.55	-	471.44	476.32	489.72	492.03	-
Screw machine products	3451	10.53	10.55	10.68	10.68	-	433.84	433.61	444.29	446.42	-
Bolts, nuts, rivets, and washers	3452	12.25	12.42	12.50	12.51	-	512.05	522.88	541.25	542.93	-
Metal forgings and stampings	346	13.30	13.38	13.63	13.59	-	551.95	560.62	582.00	583.01	-
Iron and steel forgings	3462	13.20	13.53	13.50	13.50	-	546.48	562.85	580.50	569.70	-
Automotive stampings	3465	15.07	15.12	15.47	15.39	-	634.45	641.09	665.21	674.08	-
Metal stampings, nec	3469	10.73	10.73	10.98	10.94	-	433.49	441.00	460.06	456.20	-
Metal services, nec	347	9.44	9.40	9.59	9.62	-	385.15	385.40	396.07	397.31	-
Plating and polishing	3471	9.39	9.36	9.57	9.65	-	377.48	380.02	393.33	394.69	-
Metal coating and allied services	3479	9.51	9.47	9.63	9.58	-	396.57	393.95	401.57	402.36	-
Ordnance and accessories, nec	348	12.77	12.58	12.75	12.96	-	538.89	527.10	535.50	544.32	-
Ammunition, except for small arms, nec	3483	12.85	12.39	12.65	12.87	-	534.56	509.23	517.39	530.24	-
Misc. fabricated metal products	349	10.62	10.63	10.81	10.79	-	440.73	443.27	458.34	453.18	-
Valves and pipe fittings, nec	3494	11.14	11.12	11.31	11.30	-	470.11	469.26	486.33	474.60	-
Misc. fabricated wire products	3496	9.26	9.31	9.59	9.58	-	371.33	376.12	399.90	395.65	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Durable goods—Continued											
Industrial machinery and equipment	35	42.0	42.2	42.9	42.8	42.8	3.6	3.9	4.4	4.4	-
Engines and turbines	351	42.6	43.3	44.2	44.2	-	3.8	4.1	4.6	4.6	-
Turbines and turbine generator sets	3511	42.4	42.2	43.0	43.4	-	3.8	3.8	3.9	4.3	-
Internal combustion engines, nec	3519	42.7	43.7	44.7	44.5	-	3.8	4.2	4.9	4.7	-
Farm and garden machinery	352	40.8	41.2	41.8	41.6	-	3.0	3.1	3.9	4.0	-
Farm machinery and equipment	3523	40.2	40.8	41.7	42.4	-	2.9	3.0	3.6	4.0	-
Construction and related machinery	353	43.0	43.3	44.0	44.0	-	3.3	3.6	4.8	5.0	-
Construction machinery	3531	43.8	44.1	43.9	44.1	-	2.9	3.1	4.2	4.9	-
Mining machinery	3532	42.1	41.2	41.4	41.6	-	4.0	3.6	4.2	4.1	-
Oil and gas field machinery	3533	44.5	45.5	47.4	47.9	-	3.8	4.7	6.9	7.1	-
Conveyors and conveying equipment	3535	42.0	42.5	43.7	42.7	-	4.0	4.2	5.8	5.3	-
Industrial trucks and tractors	3537	40.0	39.5	41.0	40.4	-	2.5	2.7	3.3	3.0	-
Metalworking machinery	354	42.6	42.6	43.8	43.5	-	4.6	4.6	5.6	5.4	-
Machine tools, metal cutting types	3541	41.5	41.7	43.1	42.9	-	3.5	3.7	4.3	4.4	-
Machine tools, metal forming types	3542	41.5	41.4	44.4	43.4	-	3.8	3.8	5.4	4.9	-
Special dies, tools, jigs, and fixtures	3544	43.3	43.1	44.6	44.3	-	5.4	5.5	6.6	6.5	-
Machine tool accessories	3545	42.6	42.4	42.7	42.5	-	3.9	4.0	4.0	3.8	-
Power driven handtools	3546	42.9	42.6	42.6	41.5	-	4.1	3.9	3.7	3.1	-
Special industry machinery	355	41.8	42.4	42.6	42.5	-	4.0	4.2	4.5	4.4	-
Textile machinery	3552	42.3	42.5	43.0	42.9	-	3.8	3.8	4.3	4.5	-
Printing trades machinery	3555	37.6	39.3	41.2	41.4	-	2.7	3.5	4.5	4.1	-
Food products machinery	3556	42.1	42.7	42.7	42.5	-	4.0	4.1	4.7	4.8	-
General industrial machinery	356	41.5	41.4	42.6	42.5	-	3.3	3.4	4.3	4.1	-
Pumps and pumping equipment	3561	40.8	40.5	42.0	41.2	-	2.9	3.1	3.8	3.3	-
Ball and roller bearings	3562	42.2	41.8	43.2	43.8	-	3.5	3.4	5.0	5.2	-
Air and gas compressors	3563	43.4	43.3	43.7	43.1	-	4.7	5.1	5.0	4.2	-
Blowers and fans	3564	39.9	40.0	40.4	39.9	-	2.1	2.4	2.9	2.4	-
Speed changers, drives, and gears	3566	42.0	42.2	44.7	44.3	-	3.7	4.2	6.1	5.7	-
Power transmission equipment, nec	3568	41.4	41.5	43.3	43.4	-	3.4	3.6	4.2	4.9	-
Computer and office equipment	357	41.8	42.4	41.5	41.5	-	2.6	3.0	3.3	3.2	-
Electronic computers	3571	41.6	42.0	40.5	41.3	-	2.2	2.7	2.9	3.1	-
Computer terminals, calculators, and office machines, nec	3575,8,9	42.2	42.3	42.4	41.5	-	3.5	3.8	3.5	3.0	-
Refrigeration and service machinery	358	41.0	41.5	41.7	41.9	-	3.1	3.5	3.2	3.2	-
Refrigeration and heating equipment	3585	41.5	42.2	41.9	42.1	-	3.5	3.9	3.3	3.4	-
Misc. industrial and commercial machinery	359	41.9	42.2	42.9	43.2	-	4.1	4.3	4.6	4.7	-
Carburetors, pistons, rings, valves	3592	41.3	42.4	42.5	43.1	-	3.2	4.0	4.1	4.6	-
Scales, balances, and industrial machinery, nec	3596,9	42.0	42.2	43.0	43.4	-	4.2	4.4	4.8	4.9	-
Electronic and other electrical equipment	36	40.8	41.1	41.7	41.6	41.3	2.9	3.1	3.7	3.5	-
Electric distribution equipment	361	41.2	41.0	42.1	41.2	-	2.8	2.9	3.7	3.1	-
Transformers, except electronic	3612	40.7	40.1	41.2	40.5	-	2.7	2.8	3.5	3.2	-
Switchgear and switchboard apparatus	3613	41.6	41.9	43.1	41.9	-	2.9	3.0	3.9	2.9	-
Electrical industrial apparatus	362	41.7	42.1	42.5	41.9	-	2.9	3.0	3.3	2.9	-
Motors and generators	3621	42.0	42.5	42.7	42.0	-	3.0	3.3	3.5	3.0	-
Relays and industrial controls	3625	40.7	41.0	41.5	41.2	-	2.3	2.3	2.7	2.4	-
Household appliances	363	40.2	40.6	40.6	41.4	-	2.6	2.8	3.3	4.0	-
Household refrigerators and freezers	3632	40.3	40.0	41.0	43.9	-	2.4	2.3	3.8	6.0	-
Household laundry equipment	3633	40.1	40.2	40.0	40.8	-	1.4	1.8	2.4	2.1	-
Electric housewares and fans	3634	39.9	40.4	40.3	39.7	-	2.2	2.4	2.8	2.2	-
Electric lighting and wiring equipment	364	40.6	40.7	41.6	41.4	-	2.7	2.9	3.5	3.3	-
Electric lamps	3641	42.8	42.7	45.3	44.5	-	3.3	3.6	4.5	4.3	-
Current-carrying wiring devices	3643	40.0	40.2	41.0	40.5	-	2.3	2.4	3.4	2.9	-
Noncurrent-carrying wiring devices	3644	42.6	41.6	42.7	42.5	-	3.0	2.7	3.5	3.3	-
Residential lighting fixtures	3645	38.4	39.1	38.7	39.4	-	2.3	3.2	2.1	2.4	-
Household audio and video equipment	365	40.2	40.3	40.8	41.0	-	2.6	2.9	3.4	3.7	-
Household audio and video equipment	3651	40.1	39.7	41.0	40.3	-	2.5	2.4	2.7	2.6	-
Communications equipment	366	40.4	41.0	43.2	43.0	-	2.8	3.2	3.9	3.3	-
Telephone and telegraph apparatus	3661	41.0	41.9	45.4	45.1	-	3.6	4.1	4.9	4.1	-
Electronic components and accessories	367	41.0	41.3	41.5	41.4	-	3.3	3.5	4.0	3.9	-
Electron tubes	3671	40.7	40.8	42.2	40.6	-	3.5	3.7	3.4	3.4	-
Semiconductors and related devices	3674	42.3	42.8	42.2	42.3	-	4.2	4.4	4.7	4.8	-
Electronic components, nec	3679	39.6	39.4	39.6	39.8	-	2.5	2.6	2.9	2.8	-
Misc. electrical equipment and supplies	369	40.9	41.1	41.3	41.1	-	2.8	2.8	3.4	3.4	-
Storage batteries	3691	41.2	41.4	40.4	40.6	-	2.4	2.4	2.7	2.4	-
Engine electrical equipment	3694	41.0	41.4	41.4	41.1	-	2.8	2.9	3.5	3.5	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a
Durable goods—Continued											
Industrial machinery and equipment	35	\$12.29	\$12.33	\$12.61	\$12.61	\$12.58	\$516.18	\$520.33	\$540.97	\$539.71	\$538.42
Engines and turbines	351	15.38	15.48	15.72	15.79	-	655.19	670.28	694.82	697.92	-
Turbines and turbine generator sets	3511	15.51	15.47	16.32	16.36	-	657.62	652.83	701.76	710.02	-
Internal combustion engines, nec	3519	15.33	15.48	15.49	15.57	-	654.59	676.48	692.40	692.87	-
Farm and garden machinery	352	11.40	11.38	11.87	12.11	-	465.12	468.86	496.17	503.78	-
Farm machinery and equipment	3523	12.72	12.60	13.05	13.35	-	511.34	514.08	544.19	566.04	-
Construction and related machinery	353	12.48	12.54	12.88	12.86	-	536.64	542.98	566.72	565.84	-
Construction machinery	3531	14.04	14.07	14.44	14.45	-	614.95	620.49	633.92	637.25	-
Mining machinery	3532	12.57	12.51	12.78	12.78	-	529.20	515.41	529.09	531.65	-
Oil and gas field machinery	3533	11.47	11.53	11.66	11.59	-	510.42	524.62	552.68	555.16	-
Conveyors and conveying equipment	3535	11.61	11.56	11.72	11.63	-	487.62	491.30	512.16	496.60	-
Industrial trucks and tractors	3537	10.88	10.93	11.12	11.07	-	435.20	431.74	455.92	447.23	-
Metalworking machinery	354	12.82	12.88	13.27	13.25	-	546.13	548.69	581.23	576.38	-
Machine tools, metal cutting types	3541	13.09	13.22	13.53	13.61	-	543.24	551.27	583.14	583.87	-
Machine tools, metal forming types	3542	12.91	12.86	13.34	13.27	-	535.77	532.40	592.30	575.92	-
Special dies, tools, jigs, and fixtures	3544	13.39	13.42	13.82	13.74	-	579.79	578.40	616.37	608.68	-
Machine tool accessories	3545	11.49	11.50	11.66	11.72	-	489.47	487.60	497.88	498.10	-
Power driven handtools	3546	10.56	10.57	10.73	10.84	-	453.02	450.28	457.10	449.86	-
Special industry machinery	355	12.50	12.52	12.95	12.89	-	522.50	530.85	551.67	547.83	-
Textile machinery	3552	10.71	10.69	11.13	11.16	-	453.03	454.33	478.59	478.76	-
Printing trades machinery	3555	14.31	14.27	14.72	14.44	-	538.06	560.81	606.46	597.82	-
Food products machinery	3556	12.42	12.44	12.73	12.76	-	522.88	531.19	543.57	542.30	-
General industrial machinery	356	11.91	11.96	12.32	12.22	-	494.27	495.14	524.83	519.35	-
Pumps and pumping equipment	3561	12.75	12.83	13.00	12.94	-	520.20	519.62	546.00	533.13	-
Ball and roller bearings	3562	12.69	12.80	13.31	13.09	-	535.52	535.04	574.99	573.34	-
Air and gas compressors	3563	11.98	12.07	12.40	12.16	-	519.93	522.63	541.88	524.10	-
Blowers and fans	3564	10.26	10.20	10.30	10.26	-	409.37	408.00	416.12	409.37	-
Speed changers, drives, and gears	3566	12.62	12.66	13.13	13.11	-	530.04	534.25	586.91	580.77	-
Power transmission equipment, nec	3568	11.51	11.55	12.14	12.15	-	476.51	479.33	525.66	527.31	-
Computer and office equipment	357	12.29	12.34	12.26	12.37	-	513.72	523.22	508.79	513.36	-
Electronic computers	3571	12.86	12.86	13.24	13.27	-	534.98	540.12	536.22	548.05	-
Computer terminals, calculators, and office machines, nec	3575,8,9	12.49	12.64	12.25	12.36	-	527.08	534.67	519.40	512.94	-
Refrigeration and service machinery	358	11.15	11.17	11.40	11.43	-	457.15	463.56	475.38	478.92	-
Refrigeration and heating equipment	3585	11.33	11.27	11.54	11.62	-	470.20	475.59	483.53	489.20	-
Misc. industrial and commercial machinery	359	11.90	11.92	12.07	12.04	-	498.61	503.02	517.80	520.13	-
Carburetors, pistons, rings, valves	3592	12.72	12.71	13.33	13.36	-	525.34	538.90	566.53	575.82	-
Scales, balances, and industrial machinery, nec	3596,9	11.55	11.60	11.74	11.72	-	485.10	489.52	504.82	508.65	-
Electronic and other electrical equipment	36	10.88	10.92	11.14	11.10	11.12	443.90	448.81	464.54	461.76	459.26
Electric distribution equipment	361	10.86	10.85	10.79	10.80	-	447.43	444.85	454.26	444.96	-
Transformers, except electronic	3612	10.59	10.62	10.22	10.20	-	431.01	425.86	421.06	413.10	-
Switchgear and switchboard apparatus	3613	11.15	11.10	11.41	11.46	-	463.84	465.09	491.77	480.17	-
Electrical industrial apparatus	362	10.29	10.31	10.54	10.52	-	429.09	434.05	447.95	440.79	-
Motors and generators	3621	9.85	9.88	10.03	9.95	-	413.70	419.90	428.28	417.90	-
Relays and industrial controls	3625	10.93	10.95	11.51	11.53	-	444.85	448.95	477.67	475.04	-
Household appliances	363	10.45	10.49	10.55	10.52	-	420.09	425.89	428.33	435.53	-
Household refrigerators and freezers	3632	11.47	11.66	11.81	11.69	-	462.24	466.40	484.21	513.19	-
Household laundry equipment	3633	12.59	12.87	12.77	12.96	-	504.86	517.37	510.80	528.77	-
Electric housewares and fans	3634	7.84	7.86	8.22	8.12	-	312.82	317.54	331.27	322.36	-
Electric lighting and wiring equipment	364	10.65	10.75	10.99	10.90	-	432.39	437.53	457.18	451.26	-
Electric lamps	3641	12.21	12.36	11.79	11.71	-	522.59	527.77	534.09	521.10	-
Current-carrying wiring devices	3643	10.37	10.42	10.92	10.83	-	414.80	418.88	447.72	438.62	-
Noncurrent-carrying wiring devices	3644	9.97	10.12	10.25	10.21	-	424.72	420.99	437.68	433.93	-
Residential lighting fixtures	3645	8.14	8.24	8.38	8.26	-	312.58	322.18	324.31	325.44	-
Household audio and video equipment	365	10.76	10.85	11.21	10.82	-	432.55	437.26	457.37	443.62	-
Household audio and video equipment	3651	11.17	11.26	11.52	11.10	-	447.92	447.02	472.32	447.33	-
Communications equipment	366	11.48	11.53	11.62	11.54	-	463.79	472.73	501.98	496.22	-
Telephone and telegraph apparatus	3661	12.24	12.28	12.26	12.16	-	501.84	514.53	556.60	548.42	-
Electronic components and accessories	367	10.78	10.80	11.10	11.10	-	441.98	446.04	460.65	459.54	-
Electron tubes	3671	11.89	12.12	13.27	13.12	-	483.92	494.50	559.99	532.67	-
Semiconductors and related devices	3674	13.53	13.54	14.23	14.22	-	572.32	579.51	600.51	601.51	-
Electronic components, nec	3679	9.69	9.66	9.40	9.57	-	383.72	380.60	372.24	380.89	-
Misc. electrical equipment and supplies	369	11.79	11.90	12.19	12.23	-	482.21	489.09	503.45	502.65	-
Storage batteries	3691	12.85	12.87	13.05	13.08	-	529.42	532.82	527.22	531.05	-
Engine electrical equipment	3694	12.17	12.36	12.86	12.90	-	498.97	511.70	532.40	530.19	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a
Durable goods—Continued											
Transportation equipment	37	41.4	41.7	42.1	42.3	42.4	3.2	3.3	3.9	4.1	-
Motor vehicles and equipment	371	41.7	42.0	42.7	43.3	43.6	3.2	3.4	4.4	4.7	-
Motor vehicles and car bodies	3711	41.1	41.0	41.1	42.2	-	2.4	2.5	3.4	4.0	-
Truck and bus bodies	3713	42.3	42.0	42.3	43.0	-	3.6	3.4	3.8	4.6	-
Motor vehicle parts and accessories	3714	42.2	42.9	44.1	44.4	-	3.8	4.2	5.3	5.5	-
Truck trailers	3715	40.4	40.4	42.4	41.7	-	2.7	3.0	3.9	4.0	-
Aircraft and parts	372	41.8	41.8	42.2	41.7	-	3.7	3.6	3.6	3.6	-
Aircraft	3721	41.8	41.7	42.0	41.2	-	3.7	3.6	3.6	3.4	-
Aircraft engines and engine parts	3724	42.3	42.5	42.0	41.9	-	4.4	4.2	3.6	3.9	-
Aircraft parts and equipment, nec	3728	41.4	41.5	42.6	42.2	-	3.1	3.0	3.6	3.6	-
Ship and boat building and repairing	373	39.8	40.8	40.0	39.3	-	2.8	2.8	3.0	2.5	-
Ship building and repairing	3731	40.1	41.2	40.4	39.7	-	2.9	2.8	3.3	2.7	-
Boat building and repairing	3732	39.2	39.8	38.9	38.5	-	2.5	2.8	2.3	2.2	-
Railroad equipment	374	40.1	41.3	41.6	41.6	-	1.8	2.1	2.7	2.9	-
Guided missiles, space vehicles, and parts	376	40.5	40.7	40.7	41.0	-	2.6	2.6	2.7	2.8	-
Guided missiles and space vehicles	3761	40.1	40.0	40.4	40.8	-	2.9	2.8	2.9	3.2	-
Misc. transportation equipment	379	39.8	40.1	39.5	39.8	-	2.5	3.2	2.9	3.2	-
Travel trailers and campers	3792	38.6	39.2	38.5	38.5	-	2.0	2.5	2.2	2.1	-
Instruments and related products	38	41.3	41.2	41.3	41.0	41.3	2.8	2.8	2.7	2.8	-
Search and navigation equipment	381	41.4	41.3	41.7	41.0	-	2.2	2.2	1.9	2.0	-
Measuring and controlling devices	382	40.8	40.9	41.2	41.2	-	2.2	2.3	2.4	2.5	-
Environmental controls	3822	40.5	40.4	40.4	40.4	-	2.9	2.7	2.3	2.8	-
Process control instruments	3823	40.3	40.1	42.1	42.4	-	1.9	1.9	2.7	2.9	-
Instruments to measure electricity	3825	41.0	41.2	41.6	41.2	-	1.9	2.4	2.0	2.2	-
Medical instruments and supplies	384	41.5	41.3	41.1	40.6	-	3.3	3.4	2.9	2.9	-
Surgical and medical instruments	3841	42.5	42.2	42.1	41.1	-	3.4	3.7	2.9	3.1	-
Surgical appliances and supplies	3842	40.7	40.3	40.0	39.8	-	3.0	3.0	2.8	2.6	-
Ophthalmic goods	385	39.2	39.4	39.2	39.7	-	2.5	2.5	2.2	2.5	-
Photographic equipment and supplies	386	43.8	43.4	43.1	42.8	-	4.3	4.4	5.1	4.8	-
Watches, clocks, watchcases, and parts	387	39.1	38.6	40.9	40.9	-	.8	1.4	1.9	1.8	-
Miscellaneous manufacturing industries	39	39.5	39.9	39.4	39.5	39.7	2.5	2.7	2.4	2.5	-
Jewelry, silverware, and plated ware	391	37.4	38.2	36.6	37.2	-	1.1	1.7	.8	1.3	-
Jewelry, precious metal	3911	37.0	37.8	36.2	36.7	-	1.1	1.5	.6	1.2	-
Musical instruments	393	39.2	39.3	39.7	40.1	-	1.8	1.9	2.1	2.4	-
Toys and sporting goods	394	40.2	40.3	40.0	40.2	-	3.1	3.2	2.9	3.0	-
Dolls, games, toys, and children's vehicles	3942,4	39.7	39.4	39.1	39.0	-	2.9	2.6	2.7	2.3	-
Sporting and athletic goods, nec	3949	40.5	40.9	40.5	40.9	-	3.2	3.6	3.1	3.4	-
Pens, pencils, office, and art supplies	395	41.2	41.2	39.6	40.6	-	2.5	2.7	1.9	2.3	-
Costume jewelry and notions	396	39.3	39.8	40.0	40.7	-	1.7	2.2	2.0	2.2	-
Costume jewelry	3961	37.9	38.1	39.2	40.4	-	1.0	1.5	1.0	1.5	-
Miscellaneous manufactures	399	39.5	40.0	39.7	39.4	-	2.7	2.7	2.7	2.7	-
Signs and advertising specialties	3993	39.2	39.8	39.1	39.6	-	2.6	2.7	2.7	3.2	-
Nondurable goods		40.0	40.2	40.4	40.2	40.0	3.4	3.6	3.7	3.7	3.5
Food and kindred products	20	40.0	40.0	40.3	40.0	39.9	3.8	3.9	4.3	4.0	-
Meat products	201	38.9	38.7	40.0	38.7	-	3.3	3.3	4.1	3.4	-
Meat packing plants	2011	40.6	40.2	41.7	39.9	-	4.0	3.9	5.4	3.8	-
Sausages and other prepared meats	2013	41.2	41.1	41.2	40.7	-	4.4	4.3	4.6	4.5	-
Poultry slaughtering and processing	2015	36.9	36.8	38.5	37.3	-	2.5	2.5	3.2	2.8	-
Dairy products	202	41.7	41.9	41.5	41.9	-	4.2	4.5	4.2	4.4	-
Cheese, natural and processed	2022	40.2	40.4	39.4	40.4	-	3.4	3.7	3.1	3.6	-
Fluid milk	2026	42.2	42.4	42.4	42.4	-	4.1	4.4	4.3	4.3	-
Preserved fruits and vegetables	203	40.1	39.6	40.6	39.6	-	3.3	3.3	4.2	3.5	-
Canned specialties	2032	42.7	42.6	45.4	40.4	-	4.6	5.2	7.1	4.0	-
Canned fruits and vegetables	2033	39.6	39.4	39.7	38.9	-	2.5	2.5	3.1	2.6	-
Frozen fruits and vegetables	2037	39.1	38.6	41.6	41.1	-	2.4	2.7	4.9	3.9	-
Grain mill products	204	43.3	43.7	44.7	43.9	-	6.2	6.2	6.7	6.1	-
Flour and other grain mill products	2041	43.3	44.6	46.7	46.5	-	4.6	5.2	6.1	5.8	-
Prepared feeds, nec	2048	43.2	43.7	44.6	43.1	-	5.9	6.1	6.9	5.7	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a
Durable goods—Continued											
Transportation equipment	37	\$14.94	\$14.99	\$15.43	\$15.46	\$15.56	\$618.52	\$625.08	\$649.60	\$653.96	\$659.74
Motor vehicles and equipment	371	15.14	15.21	15.52	15.55	15.72	631.34	638.82	662.70	673.32	685.39
Motor vehicles and car bodies	3711	18.09	18.16	18.57	18.68	-	743.50	744.56	763.23	788.30	-
Truck and bus bodies	3713	13.62	13.58	14.10	14.09	-	576.13	570.36	596.43	605.87	-
Motor vehicle parts and accessories	3714	13.71	13.81	14.17	14.13	-	578.56	592.45	624.90	627.37	-
Truck trailers	3715	9.79	9.74	9.67	9.75	-	395.52	393.50	410.01	406.58	-
Aircraft and parts	372	16.26	16.27	17.03	17.09	-	679.67	680.09	718.67	712.65	-
Aircraft	3721	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$16.07	\$16.02	\$16.52	\$16.47	-	\$679.76	\$680.85	\$693.84	\$690.09	-
Aircraft parts and equipment, nec	3728	14.64	14.68	15.70	15.82	-	606.10	609.22	668.82	667.60	-
Ship and boat building and repairing	373	11.80	11.87	12.28	12.25	-	469.64	484.30	491.20	481.43	-
Ship building and repairing	3731	12.62	12.73	13.28	13.37	-	506.06	524.48	536.51	530.79	-
Boat building and repairing	3732	9.59	9.57	9.75	9.64	-	375.93	380.89	379.28	371.14	-
Railroad equipment	374	14.01	14.10	14.58	14.76	-	561.80	582.33	606.53	614.02	-
Guided missiles, space vehicles, and parts	376	15.56	15.71	16.54	16.63	-	630.18	639.40	673.18	681.83	-
Guided missiles and space vehicles	3761	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Misc. transportation equipment	379	\$11.06	\$11.02	\$11.11	\$11.25	-	\$440.19	\$441.90	\$438.85	\$447.75	-
Travel trailers and campers	3792	9.86	9.86	10.28	10.65	-	380.60	386.51	395.78	410.03	-
Instruments and related products	38	11.77	11.84	12.13	12.12	\$12.16	486.10	487.81	500.97	496.92	\$502.21
Search and navigation equipment	381	15.36	15.47	15.92	15.95	-	635.90	638.91	663.86	653.95	-
Measuring and controlling devices	382	11.30	11.33	11.87	11.90	-	461.04	463.40	489.04	490.28	-
Environmental controls	3822	9.90	10.06	10.17	10.29	-	400.95	406.42	410.87	415.72	-
Process control instruments	3823	11.12	11.17	11.51	11.55	-	448.14	447.92	484.57	489.72	-
Instruments to measure electricity	3825	11.62	11.59	12.97	13.02	-	476.42	477.51	539.55	536.42	-
Medical instruments and supplies	384	10.34	10.47	10.75	10.71	-	429.11	432.41	441.83	434.83	-
Surgical and medical instruments	3841	10.31	10.55	10.79	10.62	-	438.18	445.21	454.26	436.48	-
Surgical appliances and supplies	3842	9.93	10.00	10.13	10.17	-	404.15	403.00	405.20	404.77	-
Ophthalmic goods	385	8.52	8.49	8.50	8.53	-	333.98	334.51	333.20	338.64	-
Photographic equipment and supplies	386	14.50	14.53	14.62	14.63	-	635.10	630.60	630.12	626.16	-
Watches, clocks, watchcases, and parts	387	7.91	8.06	8.10	8.18	-	309.28	311.12	331.29	334.56	-
Miscellaneous manufacturing industries	39	9.07	9.11	9.33	9.32	9.30	358.27	363.49	367.60	368.14	369.21
Jewelry, silverware, and plated ware	391	9.46	9.51	9.64	9.74	-	353.80	363.28	352.82	362.33	-
Jewelry, precious metal	3911	9.43	9.47	9.57	9.71	-	348.91	357.97	346.43	356.36	-
Musical instruments	393	8.89	8.86	9.09	8.98	-	348.49	348.20	360.87	360.10	-
Toys and sporting goods	394	8.38	8.39	8.72	8.65	-	336.88	338.12	348.80	347.73	-
Dolls, games, toys, and children's vehicles	3942.4	7.99	7.99	8.27	8.30	-	317.20	314.81	323.36	323.70	-
Sporting and athletic goods, nec	3949	8.64	8.66	9.00	8.88	-	349.92	354.19	364.50	363.19	-
Pens, pencils, office, and art supplies	395	9.81	9.87	10.19	10.21	-	404.17	406.64	403.52	414.53	-
Costume jewelry and notions	396	7.88	7.82	8.02	7.86	-	309.68	311.24	320.80	319.90	-
Costume jewelry	3961	7.07	6.93	6.91	6.75	-	267.95	264.03	270.87	272.70	-
Miscellaneous manufactures	399	9.60	9.67	9.81	9.88	-	379.20	386.80	389.46	389.27	-
Signs and advertising specialties	3993	10.02	10.03	10.08	10.30	-	392.78	399.19	394.13	407.88	-
Nondurable goods		10.58	10.63	10.86	10.85	10.88	423.20	427.33	438.74	436.17	435.20
Food and kindred products	20	10.07	10.13	10.30	10.29	10.30	402.80	405.20	415.09	411.60	410.97
Meat products	201	8.22	8.23	8.40	8.32	-	319.76	318.50	336.00	321.98	-
Meat packing plants	2011	8.98	9.05	9.16	8.98	-	364.59	363.81	381.97	358.30	-
Sausages and other prepared meats	2013	9.56	9.51	9.68	9.67	-	393.87	390.86	398.82	393.57	-
Poultry slaughtering and processing	2015	7.16	7.15	7.41	7.37	-	264.20	263.12	285.29	274.90	-
Dairy products	202	11.17	11.15	11.51	11.52	-	465.79	467.19	477.67	482.69	-
Cheese, natural and processed	2022	10.05	10.05	10.32	10.31	-	404.01	406.02	406.61	416.52	-
Fluid milk	2026	11.79	11.77	12.13	12.15	-	497.54	499.05	514.31	515.16	-
Preserved fruits and vegetables	203	9.72	9.81	10.09	10.02	-	389.77	388.48	409.65	396.79	-
Canned specialties	2032	12.42	12.71	12.94	12.78	-	530.33	541.45	587.48	516.31	-
Canned fruits and vegetables	2033	10.22	10.31	10.54	10.58	-	404.71	406.21	418.44	411.56	-
Frozen fruits and vegetables	2037	8.64	8.85	8.99	8.85	-	337.82	341.61	373.98	363.74	-
Grain mill products	204	12.07	12.05	12.25	12.29	-	522.63	526.59	547.58	539.53	-
Flour and other grain mill products	2041	10.74	10.85	10.68	10.78	-	465.04	483.91	498.76	501.27	-
Prepared feeds, nec	2048	9.68	9.75	10.04	10.05	-	418.18	426.08	447.78	433.16	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	39.0	39.1	38.2	39.0	-	3.7	3.8	3.7	3.9	-
Bread, cake, and related products	2051	38.7	38.6	38.0	38.3	-	3.8	3.8	3.7	3.7	-
Cookies, crackers, and frozen bakery products, except bread	2052.3	39.8	39.9	38.6	40.5	-	3.4	3.7	3.5	4.3	-
Sugar and confectionery products	206	40.8	40.4	40.3	40.6	-	3.5	3.3	3.7	3.7	-
Raw cane sugar	2061	52.7	49.6	37.3	44.0	-	11.3	10.1	5.7	10.5	-
Cane sugar refining	2062	42.5	44.9	43.8	44.0	-	5.4	7.3	6.2	5.7	-
Beet sugar	2063	42.8	42.2	42.7	41.9	-	3.9	3.7	4.6	4.2	-
Candy and other confectionery products	2064	39.0	39.0	39.5	39.6	-	2.5	2.4	3.1	2.8	-
Fats and oils	207	44.3	43.8	45.1	43.5	-	5.4	5.3	6.0	5.0	-
Beverages	208	40.6	41.3	40.4	40.6	-	4.0	4.5	3.8	3.8	-
Malt beverages	2082	42.3	43.1	41.3	41.5	-	6.8	6.9	5.6	5.9	-
Bottled and canned soft drinks	2086	40.0	40.7	39.8	40.3	-	3.1	3.8	3.5	3.4	-
Misc. food and kindred products	209	39.1	39.3	38.3	39.8	-	4.1	4.2	4.0	4.6	-
Tobacco products	21	37.1	39.1	38.6	37.2	36.1	1.3	1.5	1.7	1.1	-
Cigarettes	211	37.1	39.3	38.3	37.3	-	1.2	1.4	1.9	1.2	-
Textile mill products	22	40.6	40.8	41.3	41.1	39.6	3.9	4.0	4.2	4.2	-
Broadwoven fabric mills, cotton	221	41.7	41.2	41.6	41.1	-	5.4	5.2	5.5	5.3	-
Broadwoven fabric mills, synthetics	222	40.5	40.7	41.9	41.6	-	3.6	3.8	4.2	4.4	-
Broadwoven fabric mills, wool	223	42.9	43.4	42.8	43.2	-	5.4	5.6	5.5	5.7	-
Narrow fabric mills	224	39.9	39.7	40.8	40.5	-	3.0	3.0	3.2	3.0	-
Knitting mills	225	39.4	39.7	39.7	39.5	-	2.9	3.2	3.0	2.8	-
Women's hosiery, except socks	2251	38.0	38.5	39.0	38.6	-	2.4	2.7	3.2	2.7	-
Hosiery, nec	2252	38.3	38.6	39.7	39.0	-	2.3	2.3	3.1	3.0	-
Knit outerwear mills	2253	39.4	39.6	38.4	38.9	-	3.3	3.4	2.2	2.2	-
Knit underwear mills	2254	39.8	40.0	40.6	39.5	-	2.0	2.5	2.0	1.7	-
Weft knit fabric mills	2257	40.2	41.3	40.3	40.5	-	3.9	4.6	4.0	4.2	-
Textile finishing, except wool	226	42.3	43.0	43.0	43.3	-	5.3	5.5	5.4	5.8	-
Finishing plants, cotton	2261	42.8	43.0	42.8	42.7	-	6.0	5.8	5.4	5.7	-
Finishing plants, synthetics	2262	41.8	42.8	42.8	43.0	-	5.0	5.6	5.3	5.4	-
Carpets and rugs	227	42.2	41.4	42.5	42.6	-	4.4	4.2	4.5	4.7	-
Yarn and thread mills	228	39.8	40.2	41.2	40.8	-	3.5	3.6	4.2	4.0	-
Yarn spinning mills	2281	40.2	40.5	41.6	41.2	-	3.7	3.7	4.4	4.2	-
Throwing and winding mills	2282	35.7	36.6	38.8	38.3	-	2.2	2.2	3.1	2.8	-
Miscellaneous textile goods	229	41.6	42.0	43.1	43.1	-	3.8	4.2	5.0	4.8	-
Apparel and other textile products	23	37.0	37.2	37.3	37.3	37.1	1.7	1.8	1.8	1.8	-
Men's and boys' suits and coats	231	35.7	36.0	35.8	35.4	-	.8	.7	.7	.8	-
Men's and boys' furnishings	232	37.0	37.0	37.0	37.0	-	1.5	1.5	1.5	1.5	-
Men's and boys' shirts	2321	37.1	36.8	36.8	36.6	-	1.5	1.4	1.0	1.1	-
Men's and boys' trousers and slacks	2325	36.5	36.6	36.5	36.4	-	1.4	1.4	1.6	1.5	-
Men's and boys' work clothing	2326	36.7	36.1	37.0	36.6	-	1.2	1.1	1.5	1.4	-
Women's and misses' outerwear	233	36.7	37.1	36.8	36.7	-	2.0	2.1	1.9	1.8	-
Women's and misses' blouses and shirts	2331	36.5	36.1	36.6	36.6	-	1.2	1.3	1.3	1.2	-
Women's, juniors', and misses' dresses	2335	36.5	36.8	36.3	35.9	-	2.0	2.3	1.8	1.8	-
Women's and misses' suits and coats	2337	34.7	35.5	36.2	36.1	-	1.5	1.5	1.8	1.6	-
Women's and misses' outerwear, nec	2339	37.1	37.7	37.1	37.0	-	2.3	2.3	2.0	1.9	-
Women's and children's undergarments	234	36.6	36.7	37.3	37.5	-	1.3	1.6	1.4	1.5	-
Women's and children's underwear	2341	37.0	37.0	37.7	38.0	-	1.2	1.5	1.3	1.5	-
Brassieres, girdles, and allied garments	2342	34.8	35.4	35.6	35.2	-	1.7	2.0	1.7	1.4	-
Girls' and children's outerwear	236	37.6	37.0	37.4	37.1	-	1.9	1.9	1.9	1.8	-
Girls' and children's dresses and blouses	2361	38.2	36.7	36.6	37.3	-	2.3	1.7	2.1	2.3	-
Misc. apparel and accessories	238	36.3	36.9	37.1	36.4	-	1.1	1.4	1.4	1.3	-
Misc. fabricated textile products	239	37.9	38.3	38.7	39.1	-	1.8	2.1	2.3	2.7	-
Curtains and draperies	2391	35.5	36.6	38.1	37.9	-	1.0	1.6	2.4	2.3	-
House furnishings, nec	2392	36.6	37.4	37.1	38.2	-	1.7	2.0	1.8	2.4	-
Automotive and apparel trimmings	2396	39.2	38.9	40.4	40.3	-	2.2	2.4	2.8	3.1	-
Paper and allied products	26	43.1	43.2	43.5	43.2	42.9	4.7	4.9	5.1	4.9	-
Paper mills	262	45.1	45.1	45.0	45.4	-	5.8	6.0	5.8	6.0	-
Paperboard mills	263	44.5	45.6	45.0	44.4	-	6.5	7.2	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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	\$11.27	\$11.35	\$11.72	\$11.71	-	\$439.53	\$443.79	\$447.70	\$456.69	-
Bread, cake, and related products	2051	11.26	11.29	11.64	11.65	-	435.76	435.79	442.32	446.20	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	11.29	11.48	11.88	11.82	-	449.34	458.05	458.57	478.71	-
Sugar and confectionery products	206	10.81	11.04	11.08	11.22	-	441.05	446.02	446.52	455.53	-
Raw cane sugar	2061	10.89	11.13	10.44	10.99	-	573.90	552.05	389.41	483.56	-
Cane sugar refining	2062	14.98	15.15	15.18	15.05	-	636.65	680.24	664.88	662.20	-
Beet sugar	2063	10.48	11.07	11.03	11.49	-	448.54	467.15	470.98	481.43	-
Candy and other confectionery products	2064	9.93	10.17	10.11	10.16	-	387.27	396.63	399.35	402.34	-
Fats and oils	207	10.35	10.44	10.61	10.61	-	458.51	457.27	478.51	461.54	-
Beverages	208	14.06	14.23	14.16	14.25	-	570.84	587.70	572.06	578.55	-
Malt beverages	2082	19.39	19.51	19.35	19.70	-	820.20	840.88	799.16	817.55	-
Bottled and canned soft drinks	2086	11.33	11.52	11.69	11.64	-	453.20	468.86	465.26	469.09	-
Misc. food and kindred products	209	9.25	9.27	9.44	9.34	-	361.68	364.31	361.55	371.73	-
Tobacco products	21	15.96	16.76	15.55	16.20	\$16.85	592.12	655.32	600.23	602.64	\$608.29
Cigarettes	211	20.04	20.15	20.50	20.38	-	743.48	791.90	785.15	760.17	-
Textile mill products	22	8.49	8.51	8.80	8.82	8.75	344.69	347.21	363.44	362.50	346.50
Broadwoven fabric mills, cotton	221	8.81	8.81	9.16	9.14	-	367.38	362.97	381.06	375.65	-
Broadwoven fabric mills, synthetics	222	9.14	9.20	9.42	9.58	-	370.17	374.44	394.70	398.53	-
Broadwoven fabric mills, wool	223	9.07	9.10	9.36	9.36	-	389.10	394.94	400.61	404.35	-
Narrow fabric mills	224	8.05	8.08	8.23	8.17	-	321.20	320.78	335.78	330.89	-
Knitting mills	225	7.78	7.80	8.07	8.05	-	306.53	309.66	320.38	317.98	-
Women's hosiery, except socks	2251	7.28	7.33	7.61	7.54	-	276.64	282.21	296.79	291.04	-
Hosiery, nec	2252	7.42	7.40	7.73	7.72	-	284.19	285.64	306.88	301.08	-
Knit outerwear mills	2253	7.60	7.68	7.75	7.75	-	299.44	304.13	297.60	301.48	-
Knit underwear mills	2254	7.69	7.69	8.07	7.98	-	306.06	307.60	327.64	315.21	-
Weft knit fabric mills	2257	8.64	8.67	9.08	9.11	-	347.33	358.07	365.92	368.96	-
Textile finishing, except wool	226	8.95	8.96	9.14	9.21	-	378.59	385.28	393.02	398.79	-
Finishing plants, cotton	2261	8.91	8.88	8.95	9.01	-	381.35	381.84	383.06	384.73	-
Finishing plants, synthetics	2262	9.28	9.37	9.58	9.71	-	387.90	401.04	410.02	417.53	-
Carpets and rugs	227	8.45	8.51	8.71	8.83	-	356.59	352.31	370.18	376.16	-
Yarn and thread mills	228	8.19	8.21	8.53	8.53	-	325.96	330.04	351.44	348.02	-
Yarn spinning mills	2281	8.24	8.24	8.52	8.53	-	331.25	333.72	354.43	351.44	-
Throwing and winding mills	2282	8.11	8.27	8.73	8.71	-	289.53	302.68	338.72	333.59	-
Miscellaneous textile goods	229	9.81	9.89	10.51	10.41	-	408.10	415.38	452.98	448.67	-
Apparel and other textile products	23	6.85	6.87	7.05	7.04	7.06	253.45	255.56	262.97	262.59	261.93
Men's and boys' suits and coats	231	7.49	7.50	7.72	7.67	-	267.39	270.00	276.38	271.52	-
Men's and boys' furnishings	232	6.43	6.44	6.71	6.66	-	237.91	238.28	248.27	246.42	-
Men's and boys' shirts	2321	6.44	6.40	6.66	6.55	-	238.92	235.52	245.09	239.73	-
Men's and boys' trousers and slacks	2325	6.29	6.32	6.48	6.46	-	229.59	231.31	236.52	235.14	-
Men's and boys' work clothing	2326	6.17	6.22	6.51	6.41	-	226.44	224.54	240.87	234.61	-
Women's and misses' outerwear	233	6.55	6.57	6.62	6.63	-	240.39	243.75	243.62	243.32	-
Women's and misses' blouses and shirts	2331	5.89	5.96	6.13	6.20	-	214.99	215.16	224.36	226.92	-
Women's, juniors', and misses' dresses	2335	6.87	6.96	6.94	7.05	-	250.76	256.13	251.92	253.10	-
Women's and misses' suits and coats	2337	7.11	7.08	7.11	7.05	-	246.72	251.34	257.38	254.51	-
Women's and misses' outerwear, nec	2339	6.50	6.48	6.55	6.53	-	241.15	244.30	243.01	241.61	-
Women's and children's undergarments	234	6.57	6.61	6.76	6.78	-	240.46	242.59	252.15	254.25	-
Women's and children's underwear	2341	6.39	6.40	6.52	6.54	-	236.43	236.80	245.80	248.52	-
Brassieres, girdles, and allied garments	2342	7.58	7.73	7.99	7.94	-	263.78	273.64	284.44	279.49	-
Girls' and children's outerwear	236	6.20	6.25	6.44	6.31	-	233.12	231.25	240.86	234.10	-
Girls' and children's dresses and blouses	2361	6.13	6.15	6.34	6.23	-	234.17	225.71	232.04	232.38	-
Misc. apparel and accessories	238	6.75	6.73	6.88	6.87	-	245.03	248.34	255.25	250.07	-
Misc. fabricated textile products	239	8.07	8.10	8.22	8.25	-	305.85	310.23	318.11	322.58	-
Curtains and draperies	2391	6.86	6.88	7.06	7.12	-	243.53	251.81	268.99	269.85	-
House furnishings, nec	2392	6.90	6.95	7.06	7.14	-	252.54	259.93	261.93	272.75	-
Automotive and apparel trimmings	2396	10.45	10.51	10.37	10.37	-	409.64	408.84	418.95	417.91	-
Paper and allied products	26	12.88	12.95	13.18	13.20	13.24	555.13	559.44	573.33	570.24	568.00
Paper mills	262	15.79	15.92	16.09	16.14	-	712.13	717.99	724.05	732.76	-
Paperboard mills	263	15.91	16.01	16.42	16.38	-	708.00	730.06	738.90	727.27	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	42.3	42.4	43.1	42.5	-	4.0	4.2	4.8	4.3	-
Corrugated and solid fiber boxes	2653	42.7	42.6	43.9	43.2	-	4.3	4.3	5.1	4.6	-
Sanitary food containers	2656	42.6	43.1	41.8	41.7	-	3.8	4.8	3.8	3.5	-
Folding paperboard boxes	2657	42.0	42.0	42.7	42.2	-	4.2	4.5	5.3	4.7	-
Misc. converted paper products	267	42.0	41.9	42.4	42.0	-	4.0	4.0	4.4	4.2	-
Paper, coated and laminated, nec	2672	42.1	42.3	41.9	42.2	-	3.4	3.4	3.5	3.4	-
Bags: plastics, laminated, and coated	2673	41.2	41.1	42.1	41.9	-	4.3	4.4	4.6	4.5	-
Envelopes	2677	41.8	41.0	42.7	41.5	-	3.5	3.1	4.5	3.6	-
Printing and publishing	27	37.8	38.2	37.9	38.0	38.2	2.5	2.9	2.7	2.8	-
Newspapers	271	32.6	32.7	32.4	32.6	-	.9	.9	.8	1.1	-
Periodicals	272	37.3	37.5	37.9	38.1	-	2.6	2.7	2.4	2.7	-
Books	273	38.9	40.1	39.0	39.6	-	2.6	3.4	2.9	3.3	-
Book publishing	2731	38.7	39.8	38.4	39.7	-	2.4	2.9	2.3	3.0	-
Book printing	2732	39.1	40.5	39.6	39.5	-	2.9	4.2	3.6	3.6	-
Miscellaneous publishing	274	35.9	36.2	36.3	36.4	-	1.4	1.6	1.7	2.0	-
Commercial printing	275	39.6	40.0	39.4	39.6	-	3.3	3.9	3.3	3.5	-
Commercial printing, lithographic	2752	39.5	39.8	39.3	39.6	-	3.3	3.8	3.2	3.6	-
Commercial printing, nec	2759	39.3	39.7	39.4	39.2	-	3.1	3.7	3.2	3.3	-
Manifold business forms	276	40.9	41.0	41.1	41.1	-	2.4	2.9	3.6	3.2	-
Blankbooks and bookbinding	278	37.7	38.3	38.0	37.8	-	1.3	1.9	2.0	1.7	-
Printing trade services	279	39.5	39.7	39.4	38.3	-	3.9	4.3	4.3	3.6	-
Chemicals and allied products	28	43.2	43.1	43.0	42.8	42.8	4.6	4.7	4.6	4.6	-
Industrial inorganic chemicals	281	43.6	43.6	43.1	43.5	-	4.7	4.7	4.7	5.0	-
Industrial inorganic chemicals, nec	2819	43.6	43.4	42.2	42.7	-	4.9	4.7	4.7	4.9	-
Plastics materials and synthetics	282	43.4	43.2	43.8	43.8	-	5.2	5.3	5.2	5.4	-
Plastics materials and resins	2821	43.6	43.5	44.5	44.3	-	5.4	5.5	5.7	5.9	-
Organic fibers, noncellulosic	2824	43.5	42.7	43.0	43.4	-	4.5	4.5	4.7	4.9	-
Drugs	283	43.6	43.2	42.0	41.3	-	4.4	4.3	4.3	4.0	-
Pharmaceutical preparations	2834	43.7	43.2	42.0	41.1	-	4.2	4.1	4.4	3.9	-
Soap, cleaners, and toilet goods	284	40.9	40.9	42.0	41.8	-	3.4	3.5	3.5	3.4	-
Soap and other detergents	2841	41.2	41.6	42.4	42.9	-	4.0	4.3	4.2	5.0	-
Polishing, sanitation, and finishing preparations	2842,3	41.3	41.1	41.3	40.9	-	3.5	3.7	3.6	3.2	-
Toilet preparations	2844	40.5	40.3	42.0	41.6	-	3.0	2.8	3.1	2.6	-
Paints and allied products	285	41.2	42.0	41.3	41.1	-	3.1	3.6	3.5	3.0	-
Industrial organic chemicals	286	45.6	45.3	44.8	44.8	-	6.0	5.9	5.8	5.8	-
Cyclic crudes and intermediates	2865	44.8	44.6	45.0	44.8	-	5.4	5.5	7.8	7.4	-
Industrial organic chemicals, nec	2869	45.9	45.5	44.8	44.7	-	6.1	6.0	5.3	5.4	-
Agricultural chemicals	287	43.7	44.6	44.3	44.0	-	5.7	6.4	5.3	5.8	-
Miscellaneous chemical products	289	42.6	43.0	42.6	42.3	-	3.9	4.1	4.4	4.1	-
Petroleum and coal products	29	43.5	43.9	44.1	43.9	45.3	6.0	6.6	6.2	5.7	-
Petroleum refining	291	43.9	44.2	45.1	44.6	-	6.2	6.9	6.4	5.5	-
Asphalt paving and roofing materials	295	43.3	44.2	41.2	42.4	-	6.1	6.6	6.1	6.9	-
Rubber and misc. plastics products	30	41.4	41.5	42.0	42.0	41.5	3.6	3.8	4.2	4.3	-
Tires and inner tubes	301	44.7	44.8	44.5	45.1	-	5.8	5.9	5.3	7.0	-
Rubber and plastics footwear	302	43.4	43.3	41.9	42.2	-	3.2	3.3	3.3	3.5	-
Hose, belting, gaskets, and packing	305	41.2	41.6	41.9	41.5	-	3.1	3.6	3.8	3.8	-
Rubber and plastics hose and belting	3052	41.5	41.9	41.5	41.0	-	2.7	3.5	3.3	3.2	-
Fabricated rubber products, nec	306	40.8	41.0	41.7	41.8	-	3.1	3.1	3.8	3.8	-
Miscellaneous plastics products, nec	308	41.0	41.2	41.7	41.6	-	3.5	3.7	4.1	4.1	-
Leather and leather products	31	36.6	37.2	39.0	39.1	38.7	1.6	1.8	2.2	2.2	-
Leather tanning and finishing	311	43.5	43.7	43.9	44.0	-	5.2	5.1	5.7	6.2	-
Footwear, except rubber	314	34.7	35.1	38.7	38.6	-	.8	1.0	1.7	1.6	-
Men's footwear, except athletic	3143	35.4	36.6	38.3	38.7	-	1.2	1.6	2.1	2.1	-
Women's footwear, except athletic	3144	33.7	33.9	39.6	38.7	-	.5	.6	1.4	1.2	-
Luggage	316	38.5	38.2	38.6	39.4	-	1.5	2.3	1.7	2.7	-
Handbags and personal leather goods	317	38.2	38.8	36.5	38.1	-	1.2	1.2	.6	.9	-
Transportation and public utilities		38.4	38.2	38.9	39.1	39.3	-	-	-	-	-
Railroad transportation:											
Class I railroads ²	4011	43.7	42.5	45.6	45.5	-	-	-	-	-	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ²	Mar. 1993 ²	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ²	Mar. 1993 ²
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	\$10.81	\$10.89	\$11.08	\$11.06	-	\$457.26	\$461.74	\$477.55	\$470.05	-
Corrugated and solid fiber boxes	2653	10.82	10.90	11.07	11.04	-	462.01	464.34	485.97	476.93	-
Sanitary food containers	2656	10.80	10.89	11.00	10.96	-	460.08	469.36	459.80	457.03	-
Folding paperboard boxes	2657	11.21	11.35	11.75	11.72	-	470.82	476.70	501.73	494.58	-
Misc. converted paper products	267	11.35	11.33	11.71	11.70	-	476.70	474.73	496.50	491.40	-
Paper, coated and laminated, nec	2672	12.94	12.92	13.34	13.47	-	544.77	546.52	558.95	568.43	-
Bags: plastics, laminated, and coated	2673	10.69	10.68	11.00	10.94	-	440.43	438.95	463.10	458.39	-
Envelopes	2677	10.64	10.55	10.91	10.81	-	444.75	432.55	465.86	448.62	-
Printing and publishing	27	11.59	11.68	11.85	11.83	\$11.90	438.10	446.18	449.12	449.54	\$454.58
Newspapers	271	11.59	11.62	11.89	11.88	-	377.83	379.97	385.24	387.29	-
Periodicals	272	12.67	12.65	12.93	12.91	-	472.59	474.38	490.05	491.87	-
Books	273	10.31	10.40	10.78	10.70	-	401.06	417.04	420.42	423.72	-
Book publishing	2731	10.01	10.05	10.55	10.40	-	387.39	399.99	405.12	412.88	-
Book printing	2732	10.71	10.84	11.05	11.08	-	418.76	439.02	437.58	437.66	-
Miscellaneous publishing	274	10.80	10.84	11.02	11.00	-	387.72	392.41	400.03	400.40	-
Commercial printing	275	11.79	11.91	12.01	12.01	-	466.88	476.40	473.19	475.60	-
Commercial printing, lithographic	2752	11.84	11.97	12.08	12.10	-	467.68	476.41	474.74	479.16	-
Commercial printing, nec	2759	11.58	11.69	11.71	11.67	-	455.09	464.09	461.37	457.46	-
Manifold business forms	276	12.19	12.25	12.50	12.41	-	498.57	502.25	513.75	510.05	-
Blankbooks and bookbinding	278	8.99	9.17	9.19	9.25	-	338.92	351.21	349.22	349.65	-
Printing trade services	279	14.27	14.42	14.41	14.28	-	563.67	572.47	567.75	546.92	-
Chemicals and allied products	28	14.23	14.26	14.69	14.68	14.68	614.74	614.61	631.67	628.30	628.30
Industrial inorganic chemicals	281	15.32	15.34	15.94	16.07	-	667.95	668.82	687.01	699.05	-
Industrial inorganic chemicals, nec	2819	15.66	15.65	16.39	16.44	-	682.78	679.21	691.66	701.99	-
Plastics materials and synthetics	282	15.11	15.11	15.37	15.35	-	655.77	652.75	673.21	672.33	-
Plastics materials and resins	2821	15.56	15.63	16.06	16.16	-	678.42	679.91	714.67	715.89	-
Organic fibers, noncellulosic	2824	14.60	14.52	14.71	14.50	-	635.10	620.00	632.53	629.30	-
Drugs	283	13.73	13.83	14.62	14.56	-	598.63	597.46	614.04	601.33	-
Pharmaceutical preparations	2834	13.73	13.84	14.58	14.55	-	600.00	597.89	612.36	598.01	-
Soap, cleaners, and toilet goods	284	11.98	12.00	12.30	12.36	-	489.98	490.80	516.60	516.65	-
Soap and other detergents	2841	15.11	15.30	15.77	16.05	-	622.53	636.48	668.65	688.55	-
Polishing, sanitation, and finishing preparations	2842,3	10.82	10.81	11.23	11.26	-	446.87	444.29	463.80	460.53	-
Toilet preparations	2844	10.63	10.54	10.70	10.59	-	430.52	424.76	449.40	440.54	-
Paints and allied products	285	12.65	12.73	12.60	12.57	-	521.18	534.66	520.38	516.63	-
Industrial organic chemicals	286	16.83	16.89	17.38	17.34	-	767.45	765.12	778.62	776.83	-
Cyclic crudes and intermediates	2865	16.15	16.25	17.36	17.09	-	723.52	724.75	781.20	765.63	-
Industrial organic chemicals, nec	2869	17.20	17.28	17.60	17.63	-	789.48	786.24	788.48	788.06	-
Agricultural chemicals	287	14.44	14.34	15.16	15.01	-	631.03	639.56	671.59	660.44	-
Miscellaneous chemical products	289	12.89	12.92	13.25	13.21	-	549.11	555.56	564.45	558.78	-
Petroleum and coal products	29	17.92	17.96	18.34	18.37	18.73	779.52	788.44	808.79	806.44	848.47
Petroleum refining	291	19.42	19.55	19.90	20.05	-	852.54	864.11	897.49	894.23	-
Asphalt paving and roofing materials	295	12.75	12.84	12.99	13.02	-	552.08	567.53	535.19	552.05	-
Rubber and misc. plastics products	30	10.24	10.27	10.55	10.56	10.52	423.94	426.21	443.10	443.52	436.58
Tires and inner tubes	301	16.46	16.55	17.25	17.45	-	735.76	741.44	767.63	787.00	-
Rubber and plastics footwear	302	6.94	7.13	7.38	7.33	-	301.20	308.73	309.22	309.33	-
Hose, belting, gaskets, and packing	305	10.16	10.17	10.42	10.37	-	418.59	423.07	436.60	430.36	-
Rubber and plastics hose and belting	3052	10.23	10.20	10.40	10.45	-	424.55	427.38	431.60	428.45	-
Fabricated rubber products, nec	306	9.67	9.68	9.82	9.84	-	394.54	396.88	409.49	411.31	-
Miscellaneous plastics products, nec	308	9.55	9.58	9.79	9.77	-	391.55	394.70	408.24	406.43	-
Leather and leather products	31	7.39	7.44	7.46	7.46	7.46	270.47	276.77	290.94	291.69	288.70
Leather tanning and finishing	311	9.56	9.63	9.61	9.59	-	415.86	420.83	421.88	421.96	-
Footwear, except rubber	314	6.99	7.03	7.04	7.02	-	242.55	246.75	272.45	270.97	-
Men's footwear, except athletic	3143	7.54	7.59	7.69	7.62	-	266.92	277.79	294.53	294.89	-
Women's footwear, except athletic	3144	6.51	6.51	6.37	6.44	-	219.39	220.69	252.25	249.23	-
Luggage	316	7.17	7.34	7.83	7.87	-	276.05	280.39	302.24	310.08	-
Handbags and personal leather goods	317	6.55	6.44	6.64	6.82	-	250.21	249.87	242.36	259.84	-
Transportation and public utilities		13.47	13.38	13.61	13.61	13.68	517.25	511.12	529.43	532.15	537.62
Railroad transportation:											
Class I railroads ³	4011	16.86	16.61	16.96	16.86	-	736.78	705.93	773.38	767.13	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	33.7	33.6	32.8	33.2	-	-	-	-	-	-
Local and suburban transportation	411	38.1	38.0	37.9	38.1	-	-	-	-	-	-
Intercity and rural bus transportation	413	39.5	36.8	37.4	38.9	-	-	-	-	-	-
Trucking and warehousing	42	38.1	38.2	37.7	37.9	-	-	-	-	-	-
Trucking and courier services, except air	421	38.0	38.1	37.6	37.8	-	-	-	-	-	-
Public warehousing and storage	422	39.8	39.8	39.4	39.4	-	-	-	-	-	-
Water transportation:											
Water transportation services	449	35.8	35.0	36.1	36.8	-	-	-	-	-	-
Pipelines, except natural gas	46	42.9	41.9	40.9	41.1	-	-	-	-	-	-
Transportation services	47	37.0	37.1	36.5	36.9	-	-	-	-	-	-
Passenger transportation arrangement	472	36.2	36.4	35.8	36.1	-	-	-	-	-	-
Travel agencies	4724	36.2	36.3	35.9	35.9	-	-	-	-	-	-
Freight transportation arrangement	473	37.9	37.8	36.8	37.5	-	-	-	-	-	-
Communications	48	39.3	39.0	39.7	39.4	-	-	-	-	-	-
Telephone communications	481	40.7	40.3	41.4	41.0	-	-	-	-	-	-
Radio and television broadcasting	483	34.8	34.7	34.6	34.4	-	-	-	-	-	-
Cable and other pay television services	484	38.7	38.4	38.8	38.9	-	-	-	-	-	-
Electric, gas, and sanitary services	49	41.4	41.4	41.6	41.5	-	-	-	-	-	-
Electric services	491	41.2	41.3	41.2	41.2	-	-	-	-	-	-
Gas production and distribution	492	42.1	42.0	42.1	41.8	-	-	-	-	-	-
Combination utility services	493	41.4	41.6	41.7	42.2	-	-	-	-	-	-
Sanitary services	495	41.5	41.7	42.3	42.0	-	-	-	-	-	-
Wholesale trade		38.2	38.2	37.9	37.9	37.8	-	-	-	-	-
Durable goods	50	38.7	38.8	38.5	38.5	-	-	-	-	-	-
Motor vehicles, parts, and supplies	501	37.9	37.8	38.7	38.6	-	-	-	-	-	-
Furniture and home furnishings	502	36.9	37.1	37.1	37.0	-	-	-	-	-	-
Lumber and other construction materials	503	38.9	39.5	38.6	38.8	-	-	-	-	-	-
Professional and commercial equipment	504	39.5	39.5	38.8	38.8	-	-	-	-	-	-
Medical and hospital equipment	5047	37.9	38.2	37.4	37.2	-	-	-	-	-	-
Metals and minerals, except petroleum	505	40.4	40.3	39.9	40.2	-	-	-	-	-	-
Electrical goods	506	39.0	39.0	38.1	38.1	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	38.4	38.5	38.4	38.4	-	-	-	-	-	-
Machinery, equipment, and supplies	508	39.2	39.2	39.1	39.1	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	36.7	37.0	37.0	37.3	-	-	-	-	-	-
Nondurable goods	51	37.4	37.4	37.0	37.0	-	-	-	-	-	-
Paper and paper products	511	37.2	37.2	36.3	35.9	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	37.2	36.9	37.2	37.4	-	-	-	-	-	-
Apparel, piece goods, and notions	513	36.9	37.0	36.5	36.5	-	-	-	-	-	-
Groceries and related products	514	38.0	38.0	37.8	37.9	-	-	-	-	-	-
Farm-product raw materials	515	34.4	34.5	34.2	34.1	-	-	-	-	-	-
Chemicals and allied products	516	40.6	40.7	39.9	39.6	-	-	-	-	-	-
Petroleum and petroleum products	517	38.7	38.5	37.4	37.3	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	36.5	36.9	36.4	36.3	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	36.4	36.6	35.9	36.4	-	-	-	-	-	-
Retail trade		28.4	28.4	28.0	28.2	27.8	-	-	-	-	-
Building materials and garden supplies	52	35.5	35.5	35.4	35.3	-	-	-	-	-	-
Lumber and other building materials	521	37.3	37.4	37.2	37.1	-	-	-	-	-	-
Hardware stores	525	32.0	31.8	31.7	31.6	-	-	-	-	-	-
Retail nurseries and garden stores	526	32.9	33.4	32.3	32.7	-	-	-	-	-	-
General merchandise stores	53	27.8	28.3	27.8	27.6	-	-	-	-	-	-
Department stores	531	27.7	28.3	27.8	27.6	-	-	-	-	-	-
Variety stores	533	27.1	27.3	27.0	26.9	-	-	-	-	-	-
Misc. general merchandise stores	539	29.0	29.1	28.4	28.5	-	-	-	-	-	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	\$9.72	\$9.62	\$9.99	\$9.97	-	\$327.56	\$323.23	\$327.67	\$331.00	-
Local and suburban transportation	411	10.38	10.31	10.71	10.79	-	395.48	391.78	405.91	411.10	-
Intercity and rural bus transportation	413	13.39	13.44	12.82	12.77	-	528.91	494.59	479.47	496.75	-
Trucking and warehousing	42	12.01	12.02	12.20	12.23	-	457.58	459.16	459.94	463.52	-
Trucking and courier services, except air	421	12.19	12.18	12.37	12.41	-	463.22	464.06	465.11	469.10	-
Public warehousing and storage	422	9.81	9.84	9.95	9.93	-	390.44	391.63	392.03	391.24	-
Water transportation:											
Water transportation services	449	17.72	17.05	17.93	18.43	-	634.38	596.75	647.27	678.22	-
Pipelines, except natural gas	46	18.26	18.40	19.24	19.19	-	783.35	770.96	786.92	788.71	-
Transportation services	47	10.79	10.71	10.94	10.92	-	399.23	397.34	399.31	402.95	-
Passenger transportation arrangement	472	9.92	9.80	10.04	10.03	-	359.10	356.72	359.43	362.08	-
Travel agencies	4724	10.02	9.92	9.88	9.92	-	362.72	360.10	354.69	356.13	-
Freight transportation arrangement	473	11.97	11.86	12.26	12.23	-	453.66	448.31	451.17	458.63	-
Communications	48	14.19	14.17	15.02	14.90	-	557.67	552.63	596.29	587.06	-
Telephone communications	481	14.89	14.88	15.85	15.73	-	606.02	599.66	656.19	644.93	-
Radio and television broadcasting	483	13.58	13.47	14.10	13.97	-	472.58	467.41	487.86	480.57	-
Cable and other pay television services	484	10.86	10.89	11.23	11.15	-	420.28	418.18	435.72	433.74	-
Electric, gas, and sanitary services	49	15.89	15.96	16.34	16.48	-	657.85	660.74	679.74	683.92	-
Electric services	491	16.39	16.57	17.00	17.15	-	675.27	684.34	700.40	706.58	-
Gas production and distribution	492	15.30	15.27	15.93	15.98	-	644.13	641.34	670.65	667.96	-
Combination utility services	493	18.44	18.50	18.96	19.18	-	763.42	769.60	790.63	809.40	-
Sanitary services	495	12.03	11.92	12.05	12.09	-	499.25	497.06	509.72	507.78	-
Wholesale trade		11.36	11.34	11.61	11.62	\$11.61	433.95	433.19	440.02	440.40	\$438.86
Durable goods	50	11.72	11.70	11.97	11.95	-	453.56	453.96	460.85	460.08	-
Motor vehicles, parts, and supplies	501	10.40	10.39	10.57	10.53	-	394.16	392.74	409.06	406.46	-
Furniture and home furnishings	502	10.23	10.26	10.64	10.64	-	377.49	380.65	394.74	393.68	-
Lumber and other construction materials	503	10.97	10.96	11.09	11.04	-	426.73	432.92	428.07	428.35	-
Professional and commercial equipment	504	13.90	13.88	14.41	14.31	-	549.05	548.26	559.11	555.23	-
Medical and hospital equipment	5047	12.92	12.78	13.10	12.95	-	489.67	488.20	489.94	481.74	-
Metals and minerals, except petroleum	505	11.90	11.85	11.97	12.00	-	480.76	477.56	477.60	482.40	-
Electrical goods	506	12.00	11.98	12.36	12.49	-	468.00	467.22	470.92	475.87	-
Hardware, plumbing, and heating equipment	507	11.20	11.16	11.21	11.18	-	430.08	429.66	430.46	429.31	-
Machinery, equipment, and supplies	508	11.59	11.59	11.84	11.83	-	454.33	454.33	462.94	462.55	-
Misc. wholesale trade durable goods	509	9.06	9.04	9.35	9.44	-	332.50	334.48	345.95	352.11	-
Nondurable goods	51	10.88	10.85	11.12	11.17	-	406.91	405.79	411.44	413.29	-
Paper and paper products	511	11.32	11.34	11.58	11.69	-	421.10	421.85	420.35	419.67	-
Drugs, proprietaries, and sundries	512	12.93	12.74	13.35	13.53	-	481.00	470.11	496.62	506.02	-
Apparel, piece goods, and notions	513	10.69	10.68	10.89	10.99	-	394.46	395.16	397.49	401.14	-
Groceries and related products	514	11.02	11.03	11.28	11.36	-	418.76	419.14	426.38	430.54	-
Farm-product raw materials	515	8.18	8.16	8.28	8.30	-	281.39	281.52	283.18	283.03	-
Chemicals and allied products	516	13.13	13.15	13.28	13.33	-	533.08	535.21	529.87	527.87	-
Petroleum and petroleum products	517	10.33	10.32	10.56	10.56	-	399.77	397.32	394.94	393.89	-
Beer, wine, and distilled beverages	518	12.51	12.54	12.80	12.69	-	456.62	462.73	465.92	460.65	-
Misc. wholesale trade nondurable goods	519	9.31	9.25	9.44	9.48	-	338.88	338.55	338.90	345.07	-
Retail trade		7.10	7.11	7.26	7.25	7.27	201.64	201.92	203.28	204.45	202.11
Building materials and garden supplies	52	8.34	8.36	8.60	8.61	-	296.07	296.78	304.44	303.93	-
Lumber and other building materials	521	8.70	8.73	8.93	8.94	-	324.51	326.50	332.20	331.67	-
Hardware stores	525	7.20	7.21	7.42	7.39	-	230.40	229.28	235.21	233.52	-
Retail nurseries and garden stores	526	7.32	7.29	7.70	7.57	-	240.83	243.49	248.71	247.54	-
General merchandise stores	53	7.14	7.15	7.26	7.29	-	198.49	202.35	201.83	201.20	-
Department stores	531	7.21	7.22	7.30	7.32	-	199.72	204.33	202.94	202.03	-
Variety stores	533	5.87	5.89	6.33	6.44	-	159.08	160.80	170.91	173.24	-
Misc. general merchandise stores	539	7.41	7.41	7.59	7.59	-	214.89	215.63	215.56	216.32	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Retail trade—Continued											
Food stores	54	28.9	28.8	28.9	29.1	-	-	-	-	-	-
Grocery stores	541	29.0	28.9	29.0	29.2	-	-	-	-	-	-
Retail bakeries	546	28.4	28.3	27.8	28.5	-	-	-	-	-	-
Automotive dealers and service stations	55	35.8	35.8	35.8	35.8	-	-	-	-	-	-
New and used car dealers	551	37.4	37.4	37.1	37.1	-	-	-	-	-	-
Auto and home supply stores	553	37.3	37.5	37.3	37.4	-	-	-	-	-	-
Gasoline service stations	554	32.9	32.8	33.2	33.2	-	-	-	-	-	-
Automotive dealers, nec	559	33.9	34.2	34.1	34.1	-	-	-	-	-	-
Apparel and accessory stores	56	26.0	26.2	25.1	25.3	-	-	-	-	-	-
Men's and boys' clothing stores	561	27.8	27.7	28.4	28.8	-	-	-	-	-	-
Women's clothing stores	562	23.5	23.7	22.3	22.7	-	-	-	-	-	-
Family clothing stores	565	26.7	27.2	26.2	26.4	-	-	-	-	-	-
Shoe stores	566	28.3	28.5	26.2	26.0	-	-	-	-	-	-
Furniture and home furnishings stores	57	33.0	32.8	32.4	32.6	-	-	-	-	-	-
Furniture and home furnishings stores	571	33.1	33.1	32.7	32.8	-	-	-	-	-	-
Household appliance stores	572	34.1	33.5	32.9	33.1	-	-	-	-	-	-
Radio, television, and computer stores	573	32.5	32.2	31.9	32.1	-	-	-	-	-	-
Radio, television, and electronic stores	5731	32.1	31.6	32.0	32.0	-	-	-	-	-	-
Record and prerecorded tape stores	5735	26.6	26.5	25.7	26.9	-	-	-	-	-	-
Eating and drinking places ⁴	58	24.8	24.9	24.0	24.6	-	-	-	-	-	-
Miscellaneous retail establishments	59	29.6	29.2	29.0	29.5	-	-	-	-	-	-
Drug stores and proprietary stores	591	27.3	27.1	27.8	27.8	-	-	-	-	-	-
Used merchandise stores	593	32.2	32.3	32.2	31.8	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	27.6	27.4	27.1	27.5	-	-	-	-	-	-
Nonstore retailers	596	33.7	33.9	33.4	33.4	-	-	-	-	-	-
Fuel dealers	598	39.9	38.6	39.2	39.2	-	-	-	-	-	-
Retail stores, nec	599	32.2	30.7	30.0	31.7	-	-	-	-	-	-
Finance, insurance, and real estate⁵		36.4	36.2	35.7	35.7	35.6	-	-	-	-	-
Depository institutions	60	36.1	35.8	35.2	35.1	-	-	-	-	-	-
Commercial banks	602	36.0	35.6	35.1	34.9	-	-	-	-	-	-
Credit unions	606	36.2	36.0	35.6	35.4	-	-	-	-	-	-
Nondepository institutions	61	38.6	38.3	37.0	37.0	-	-	-	-	-	-
Personal credit institutions	614	37.8	37.7	37.3	37.4	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services	628	38.1	37.6	36.6	36.4	-	-	-	-	-	-
Insurance carriers	63	38.2	38.1	37.8	37.9	-	-	-	-	-	-
Life insurance	631	37.8	37.8	37.4	37.8	-	-	-	-	-	-
Medical service and health insurance	632	38.7	38.5	39.0	38.7	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	37.7	37.7	37.4	37.5	-	-	-	-	-	-
Services		32.5	32.5	32.1	32.3	32.3	-	-	-	-	-
Agricultural services	07	32.0	33.1	31.0	31.8	-	-	-	-	-	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	30.7	30.7	29.8	30.7	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services	721	33.6	33.8	33.4	33.6	-	-	-	-	-	-
Beauty shops ⁴	723	29.1	29.0	28.5	28.6	-	-	-	-	-	-
Miscellaneous personal services	729	26.5	24.6	16.3	26.9	-	-	-	-	-	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Retail trade—Continued											
Food stores	54	\$7.53	\$7.56	\$7.66	\$7.67	-	\$217.62	\$217.73	\$221.37	\$223.20	-
Grocery stores	541	7.61	7.64	7.74	7.75	-	220.69	220.80	224.46	226.30	-
Retail bakeries	546	6.57	6.60	6.83	6.80	-	186.59	186.78	189.87	193.80	-
Automotive dealers and service stations	55	9.27	9.29	9.38	9.43	-	331.87	332.58	335.80	337.59	-
New and used car dealers	551	11.38	11.44	11.49	11.60	-	425.61	427.86	426.28	430.36	-
Auto and home supply stores	553	8.15	8.13	8.25	8.23	-	304.00	304.88	307.73	307.80	-
Gasoline service stations	554	6.53	6.51	6.59	6.55	-	214.84	213.53	218.79	217.46	-
Automotive dealers, nec	559	10.81	10.81	10.49	10.42	-	366.46	369.70	357.71	355.32	-
Apparel and accessory stores	56	6.87	6.88	7.08	7.08	-	178.62	180.26	177.71	179.12	-
Men's and boys' clothing stores	561	8.42	8.40	8.87	8.59	-	234.08	232.68	251.91	247.39	-
Women's clothing stores	562	6.44	6.52	6.74	6.74	-	151.34	154.52	150.30	153.00	-
Family clothing stores	565	6.63	6.58	6.82	6.86	-	177.02	178.98	178.68	181.10	-
Shoe stores	566	7.17	7.19	7.24	7.27	-	202.91	204.92	189.69	189.02	-
Furniture and home furnishings stores	57	9.04	9.11	9.39	9.33	-	298.32	298.81	304.24	304.16	-
Furniture and home furnishings stores	571	8.78	8.87	9.19	9.13	-	290.62	293.60	300.51	299.46	-
Household appliance stores	572	9.48	9.39	9.94	9.97	-	323.27	314.57	327.03	330.01	-
Radio, television, and computer stores	573	9.33	9.41	9.57	9.50	-	303.23	303.00	305.28	304.95	-
Radio, television, and electronic stores	5731	8.93	9.01	9.39	9.22	-	286.65	284.72	300.48	295.04	-
Record and prerecorded tape stores	5735	5.80	5.87	5.78	5.76	-	154.28	155.56	148.55	154.94	-
Eating and drinking places ⁴	58	5.26	5.26	5.34	5.34	-	130.45	130.97	128.16	131.36	-
Miscellaneous retail establishments	59	7.59	7.67	7.83	7.83	-	224.66	223.96	227.07	230.99	-
Drug stores and proprietary stores	591	7.45	7.52	7.78	7.90	-	203.39	203.79	216.28	219.62	-
Used merchandise stores	593	6.70	6.65	6.66	6.69	-	215.74	214.80	214.45	212.74	-
Miscellaneous shopping goods stores	594	7.04	7.16	7.31	7.21	-	194.30	196.18	198.10	198.28	-
Nonstore retailers	596	8.27	8.30	8.24	8.39	-	278.70	281.37	275.22	280.23	-
Fuel dealers	598	10.81	10.71	11.19	11.25	-	431.32	413.41	438.65	441.00	-
Retail stores, nec	599	7.74	7.93	8.10	7.96	-	249.23	243.45	243.00	252.33	-
Finance, insurance, and real estate⁵		10.81	10.80	11.14	11.20	\$11.20	393.48	390.96	397.70	399.84	\$398.72
Depository institutions	60	9.01	8.96	9.10	9.18	-	325.26	320.77	320.32	322.22	-
Commercial banks	602	8.65	8.58	8.73	8.80	-	311.40	305.45	306.42	307.12	-
Credit unions	606	8.73	8.71	8.91	8.99	-	316.03	313.56	317.20	318.25	-
Nondepository institutions	61	11.46	11.46	11.83	11.74	-	442.36	438.92	437.71	434.38	-
Personal credit institutions	614	9.93	9.95	9.79	9.84	-	375.35	375.12	365.17	368.02	-
Security and commodity brokers:											
Security and commodity services	628	15.15	15.11	15.63	16.05	-	577.22	568.14	572.06	584.22	-
Insurance carriers	63	12.19	12.22	12.84	12.85	-	465.66	465.58	485.35	487.02	-
Life insurance	631	11.13	11.13	11.80	11.82	-	420.71	420.71	441.32	446.80	-
Medical service and health insurance	632	11.67	11.74	12.45	12.51	-	451.63	451.99	485.55	484.14	-
Fire, marine, and casualty insurance	633	13.14	13.17	13.83	13.85	-	495.38	496.51	517.24	519.38	-
Services		10.54	10.53	10.81	10.82	10.81	342.55	342.23	347.00	349.49	349.16
Agricultural services	07	8.43	8.29	8.64	8.60	-	269.76	274.40	267.84	273.48	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	7.41	7.39	7.67	7.62	-	227.49	226.87	228.57	233.93	-
Personal services:											
Laundry, cleaning, and garment services	721	7.11	7.12	7.27	7.26	-	238.90	240.66	242.82	243.94	-
Beauty shops ⁴	723	7.21	7.38	7.53	7.65	-	209.81	214.02	214.61	218.79	-
Miscellaneous personal services	729	6.45	6.74	7.68	6.89	-	170.93	165.80	125.18	185.34	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^a	Mar. 1993 ^a
Services—Continued											
Business services	73	33.1	33.1	32.8	33.0	-	-	-	-	-	-
Advertising	731	36.6	36.7	36.5	36.7	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	37.2	37.4	37.3	36.9	-	-	-	-	-	-
Services to buildings	734	28.2	28.4	28.2	28.3	-	-	-	-	-	-
Miscellaneous equipment rental and leasing	735	38.1	38.4	37.8	38.2	-	-	-	-	-	-
Heavy construction equipment rental	7353	38.2	39.3	37.9	39.1	-	-	-	-	-	-
Personnel supply services:											
Help supply services	7363	30.9	31.2	31.3	31.5	-	-	-	-	-	-
Computer and data processing services	737	38.5	38.4	37.8	38.4	-	-	-	-	-	-
Computer programming services	7371	38.9	38.5	38.2	38.8	-	-	-	-	-	-
Computer integrated systems design	7373	40.0	39.8	37.8	38.2	-	-	-	-	-	-
Information retrieval services	7375	38.2	39.5	39.2	38.1	-	-	-	-	-	-
Computer maintenance and repair	7378	39.4	39.1	39.0	38.9	-	-	-	-	-	-
Miscellaneous business services	738	33.7	33.8	33.2	33.3	-	-	-	-	-	-
Detective and armored car services	7381	33.4	33.7	33.4	33.6	-	-	-	-	-	-
Security systems services	7382	37.3	37.2	37.3	37.7	-	-	-	-	-	-
Auto repair, services, and parking	75	36.0	36.4	35.6	35.7	-	-	-	-	-	-
Automobile parking	752	33.5	34.2	33.2	33.4	-	-	-	-	-	-
Automotive repair shops	753	37.9	38.1	37.9	37.7	-	-	-	-	-	-
Miscellaneous repair services	76	37.5	37.7	37.8	37.5	-	-	-	-	-	-
Motion pictures	78	27.3	27.1	28.8	28.5	-	-	-	-	-	-
Motion picture production and services	781	36.8	35.7	38.3	37.6	-	-	-	-	-	-
Amusement and recreation services	79	26.4	26.3	25.9	26.3	-	-	-	-	-	-
Bowling centers	793	25.5	25.4	24.8	24.7	-	-	-	-	-	-
Misc. amusement and recreation services	799	25.4	25.4	25.0	25.6	-	-	-	-	-	-
Physical fitness facilities	7991	19.0	19.2	17.8	18.3	-	-	-	-	-	-
Membership sports and recreation clubs	7997	28.2	28.0	27.1	27.8	-	-	-	-	-	-
Health services	80	32.9	32.8	32.8	32.7	-	-	-	-	-	-
Offices and clinics of medical doctors	801	32.4	32.2	32.2	32.1	-	-	-	-	-	-
Offices and clinics of dentists	802	28.7	28.6	28.0	28.1	-	-	-	-	-	-
Offices and clinics of other health practitioners	804	30.3	30.0	29.6	29.4	-	-	-	-	-	-
Nursing and personal care facilities	805	32.4	32.2	32.3	31.8	-	-	-	-	-	-
Intermediate care facilities	8052	31.6	31.4	31.5	31.0	-	-	-	-	-	-
Hospitals	806	34.4	34.3	34.5	34.5	-	-	-	-	-	-
Home health care services	808	27.6	27.5	27.5	27.6	-	-	-	-	-	-
Legal services	81	35.4	35.4	34.6	34.6	-	-	-	-	-	-
Social services:											
Child day care services	835	29.9	29.7	29.3	29.7	-	-	-	-	-	-
Membership organizations:											
Professional organizations	862	35.8	35.6	34.5	34.9	-	-	-	-	-	-
Engineering and management services	87	37.9	37.9	36.9	37.4	-	-	-	-	-	-
Engineering and architectural services	871	39.1	38.9	38.5	38.9	-	-	-	-	-	-
Engineering services	8711	39.3	39.1	38.7	39.2	-	-	-	-	-	-
Architectural services	8712	38.6	38.4	38.0	38.2	-	-	-	-	-	-
Surveying services	8713	37.2	37.3	36.6	37.5	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	872	39.8	40.1	37.0	38.4	-	-	-	-	-	-
Research and testing services	873	36.8	36.9	36.4	36.4	-	-	-	-	-	-
Management and public relations	874	35.7	35.5	35.1	35.4	-	-	-	-	-	-
Public relations services	8743	36.1	35.7	33.0	33.5	-	-	-	-	-	-
Services, nec	89	38.1	37.7	36.4	36.5	-	-	-	-	-	-

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				
		Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Services—Continued											
Business services	73	\$10.04	\$10.00	\$10.06	\$10.12	-	\$332.32	\$331.00	\$329.97	\$333.96	-
Advertising	731	14.96	14.82	14.82	14.80	-	547.54	543.89	540.93	543.16	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	9.41	9.56	9.53	9.58	-	350.05	357.54	355.47	353.50	-
Services to buildings	734	7.24	7.26	7.28	7.24	-	204.17	206.18	205.30	204.89	-
Miscellaneous equipment rental and leasing	735	10.31	10.28	10.63	10.64	-	392.81	394.75	401.81	406.45	-
Heavy construction equipment rental	7353	12.81	12.94	13.66	13.70	-	489.34	508.54	517.71	535.67	-
Personnel supply services:											
Help supply services	7363	8.54	8.45	8.46	8.41	-	263.89	263.64	264.80	264.92	-
Computer and data processing services	737	15.66	15.66	15.92	16.11	-	602.91	601.34	601.78	618.62	-
Computer programming services	7371	18.18	18.25	18.55	18.78	-	707.20	702.63	708.61	728.66	-
Computer integrated systems design	7373	16.46	16.63	16.48	16.63	-	658.40	661.87	622.94	635.27	-
Information retrieval services	7375	12.67	12.66	14.31	14.12	-	483.99	500.07	560.95	537.97	-
Computer maintenance and repair	7378	13.68	13.78	13.73	13.65	-	538.99	538.80	535.47	530.99	-
Miscellaneous business services	738	8.48	8.50	8.47	8.58	-	285.78	287.30	281.20	285.71	-
Detective and armored car services	7381	6.64	6.66	6.72	6.71	-	221.78	224.44	224.45	225.46	-
Security systems services	7382	10.07	9.99	10.64	10.61	-	375.61	371.63	396.87	400.00	-
Auto repair, services, and parking	75	9.10	9.07	9.32	9.29	-	327.60	330.15	331.79	331.65	-
Automobile parking	752	6.76	6.66	6.94	6.89	-	226.46	227.77	230.41	230.13	-
Automotive repair shops	753	9.98	10.00	10.14	10.18	-	378.24	381.00	384.31	383.79	-
Miscellaneous repair services	76	10.65	10.68	10.95	10.92	-	399.38	402.64	413.91	409.50	-
Motion pictures	78	11.84	12.08	13.06	13.25	-	323.23	327.37	376.13	377.63	-
Motion picture production and services	781	18.23	18.62	19.35	19.57	-	670.86	664.73	741.11	735.83	-
Amusement and recreation services	79	8.29	8.33	8.79	8.83	-	218.86	219.08	227.66	232.23	-
Bowling centers	793	6.36	6.36	6.46	6.44	-	162.18	161.54	160.21	159.07	-
Misc. amusement and recreation services	799	7.82	7.84	8.06	8.05	-	198.63	199.14	201.50	206.08	-
Physical fitness facilities	7991	7.76	7.71	8.09	8.02	-	147.44	148.03	144.00	146.77	-
Membership sports and recreation clubs	7997	8.08	8.03	8.21	8.17	-	227.86	224.84	222.49	227.13	-
Health services	80	11.22	11.24	11.67	11.67	-	369.14	368.67	382.78	381.61	-
Offices and clinics of medical doctors	801	11.19	11.26	11.68	11.68	-	362.56	362.57	376.10	374.93	-
Offices and clinics of dentists	802	10.88	10.96	11.27	11.23	-	312.26	313.46	315.56	315.56	-
Offices and clinics of other health practitioners	804	9.88	9.92	10.16	10.20	-	299.36	297.60	300.74	299.88	-
Nursing and personal care facilities	805	7.75	7.76	8.03	8.03	-	251.10	249.87	259.37	255.35	-
Intermediate care facilities	8052	7.15	7.16	7.44	7.47	-	225.94	224.82	234.36	231.57	-
Hospitals	806	12.85	12.85	13.37	13.36	-	442.04	440.76	461.27	460.92	-
Home health care services	808	9.87	9.90	10.33	10.36	-	272.41	272.25	284.08	285.94	-
Legal services	81	15.11	15.07	15.26	15.31	-	534.89	533.48	528.00	529.73	-
Social services:											
Child day care services	835	6.54	6.50	6.64	6.63	-	195.55	193.05	194.55	196.91	-
Membership organizations:											
Professional organizations	862	14.15	14.07	14.61	14.61	-	506.57	500.89	504.05	509.89	-
Engineering and management services	87	14.58	14.54	14.95	14.96	-	552.58	551.07	551.66	559.50	-
Engineering and architectural services	871	16.15	16.13	16.21	16.30	-	631.47	627.46	624.09	634.07	-
Engineering services	8711	16.74	16.72	16.76	16.86	-	657.88	653.75	648.61	660.91	-
Architectural services	8712	14.92	14.91	15.02	15.09	-	575.91	572.54	570.76	576.44	-
Surveying services	8713	10.94	11.00	11.49	11.46	-	406.97	410.30	420.53	429.75	-
Accounting, auditing, and bookkeeping	872	12.80	12.83	12.84	12.90	-	509.44	514.48	475.08	495.36	-
Research and testing services	873	15.46	15.40	16.24	16.22	-	568.93	568.26	591.14	590.41	-
Management and public relations	874	13.25	13.16	13.77	13.77	-	473.03	467.18	483.33	487.46	-
Public relations services	8743	13.95	13.87	13.95	14.16	-	503.60	495.16	460.35	474.36	-
Services, nec	89	15.63	15.73	15.82	15.78	-	595.50	593.02	575.85	575.97	-

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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)			
	Jan. 1992	Feb. 1992	Jan. 1993	Feb. 1993 ^p	Jan. 1992	Feb. 1992	Jan. 1993	Feb. 1993 ^p
Average hourly earnings, excluding lump-sum payments	\$17.29	\$17.37	\$18.10	\$18.18	\$16.17	\$15.98	\$17.15	\$17.35
Average hourly earnings, including lump-sum payments	17.67	17.73	18.87	18.92	16.30	16.10	17.17	17.37

^p = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^P	Mar. 1993 ^P
Manufacturing	\$10.87	\$10.89	\$11.10	\$11.09	\$11.12
Durable goods	11.43	11.44	11.65	11.64	11.66
Lumber and wood products	8.98	8.94	9.05	9.08	(2)
Furniture and fixtures	8.60	8.61	8.84	8.83	(2)
Stone, clay, and glass products	10.88	10.92	11.12	11.12	(2)
Primary metal industries	12.76	12.78	12.98	13.02	(2)
Fabricated metal products	10.89	10.89	11.03	11.03	(2)
Industrial machinery and equipment	11.78	11.79	11.99	11.99	(2)
Electronic and other electrical equipment	10.50	10.53	10.67	10.64	(2)
Transportation equipment	14.39	14.41	14.74	14.75	(2)
Instruments and related products	11.39	11.45	11.74	11.73	(2)
Miscellaneous manufacturing	8.79	8.81	9.05	9.03	(2)
Nondurable goods	10.15	10.18	10.38	10.38	\$10.42
Food and kindred products	9.61	9.66	9.79	9.80	(2)
Tobacco products	15.68	16.44	15.21	15.95	(2)
Textile mill products	8.10	8.11	8.38	8.40	(2)
Apparel and other textile products	6.70	6.71	6.88	6.87	(2)
Paper and allied products	12.22	12.26	12.46	12.49	(2)
Printing and publishing	11.22	11.25	11.45	11.41	(2)
Chemicals and allied products	13.52	13.52	13.94	13.94	(2)
Petroleum and coal products	16.77	16.71	17.14	17.26	(2)
Rubber and misc. plastics products	9.81	9.82	10.05	10.04	(2)
Leather and leather products	7.23	7.26	7.26	7.25	(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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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				
	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p	Feb. 1992	Mar. 1992	Jan. 1993	Feb. 1993 ^p	Mar. 1993 ^p
Total private:										
Current dollars	\$10.52	\$10.54	\$10.78	\$10.78	\$10.81	\$359.78	\$361.52	\$366.52	\$368.68	\$368.62
Constant (1982) dollars	7.47	7.45	7.44	7.42	(²)	255.53	255.67	253.12	253.91	(²)
Mining:										
Current dollars	14.52	14.54	14.69	14.58	\$14.67	637.43	636.85	647.83	637.15	\$632.28
Constant (1982) dollars	10.31	10.28	10.15	10.04	(²)	452.72	450.39	447.40	438.81	(²)
Construction:										
Current dollars	13.87	14.03	14.16	14.07	\$14.19	507.64	523.32	511.18	516.37	\$533.54
Constant (1982) dollars	9.85	9.92	9.78	9.69	(²)	360.54	370.10	353.02	355.63	(²)
Manufacturing:										
Current dollars	11.32	11.36	11.61	11.60	\$11.63	459.59	464.62	477.17	476.76	\$475.67
Constant (1982) dollars	8.04	8.03	8.02	7.99	(²)	326.41	328.59	329.54	328.35	(²)
Transportation and public utilities:										
Current dollars	13.47	13.38	13.61	13.61	\$13.68	517.25	511.12	529.43	532.15	\$537.62
Constant (1982) dollars	9.57	9.46	9.40	9.37	(²)	367.37	361.47	365.63	366.49	(²)
Wholesale trade:										
Current dollars	11.36	11.34	11.61	11.62	\$11.61	433.95	433.19	440.02	440.40	\$438.86
Constant (1982) dollars	8.07	8.02	8.02	8.00	(²)	308.20	306.36	303.88	303.31	(²)
Retail trade:										
Current dollars	7.10	7.11	7.26	7.25	\$7.27	201.64	201.92	203.28	204.45	\$202.11
Constant (1982) dollars	5.04	5.03	5.01	4.99	(²)	143.21	142.80	140.39	140.81	(²)
Finance, insurance, and real estate:										
Current dollars	10.81	10.80	11.14	11.20	\$11.20	393.48	390.96	397.70	399.84	\$398.72
Constant (1982) dollars	7.68	7.64	7.69	7.71	(²)	279.46	276.49	274.65	275.37	(²)
Services:										
Current dollars	10.54	10.53	10.81	10.82	\$10.81	342.55	342.23	347.00	349.49	\$349.16
Constant (1982) dollars	7.49	7.45	7.47	7.45	(²)	243.29	242.03	239.64	240.70	(²)

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

² Not available.

^p = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series. Establishment survey estimates are currently projected from March 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P	Mar. ^P
Total private	34.5	34.3	34.6	34.3	34.3	34.6	34.3	34.5	34.6	34.3	34.5	34.4	34.3
Mining	44.3	44.2	44.3	43.4	43.7	44.4	43.8	44.0	44.3	43.7	44.3	43.9	43.5
Construction	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Manufacturing	41.1	41.1	41.3	41.0	41.0	41.0	40.9	41.1	41.2	41.2	41.4	41.5	41.2
<i>Overtime hours</i>	3.8	3.9	4.1	3.8	3.8	3.7	3.5	3.8	3.9	3.9	4.0	4.3	3.9
Durable goods	41.6	41.5	41.9	41.5	41.6	41.6	41.2	41.6	41.8	41.8	42.0	42.2	41.9
<i>Overtime hours</i>	3.7	3.8	4.1	3.8	3.8	3.7	3.4	3.8	3.9	3.9	4.1	4.4	4.1
Lumber and wood products	41.0	40.6	40.8	40.1	40.8	40.5	40.3	40.7	40.9	40.4	40.5	40.9	40.2
Furniture and fixtures	40.1	40.0	40.0	39.8	40.1	39.4	39.2	39.7	40.1	39.9	40.2	40.3	39.9
Stone, clay, and glass products	42.0	42.4	42.5	42.3	42.5	42.3	42.5	42.4	42.3	42.1	42.2	42.5	42.3
Primary metal industries	43.0	43.2	43.6	43.2	43.1	43.1	42.7	42.8	43.0	43.4	43.7	44.0	43.5
Blast furnaces and basic steel products ..	43.5	44.0	44.1	43.8	43.8	43.9	42.4	42.8	43.1	43.6	44.0	44.6	44.4
Fabricated metal products	41.6	41.3	41.9	41.6	41.9	41.6	41.1	41.7	41.8	41.8	42.0	42.2	41.9
Industrial machinery and equipment	42.2	42.1	42.6	42.2	42.1	42.2	42.0	42.5	42.8	42.6	42.9	42.9	42.8
Electronic and other electrical equipment ..	41.2	41.0	41.5	41.1	41.3	41.2	41.0	41.3	41.6	41.5	41.7	41.9	41.4
Transportation equipment	42.0	41.8	42.2	41.9	41.5	42.2	40.9	41.5	41.8	42.4	42.6	42.9	42.7
Motor vehicles and equipment	42.5	43.2	43.1	42.6	42.5	42.9	41.0	41.5	42.3	43.5	43.7	44.5	44.3
Instruments and related products	41.2	40.9	41.4	41.2	41.1	41.2	41.0	41.3	41.3	41.1	41.4	40.9	41.3
Miscellaneous manufacturing	40.0	39.9	40.0	40.0	40.1	39.7	39.5	40.0	40.0	39.8	39.8	39.9	39.7
Nondurable goods	40.5	40.6	40.5	40.4	40.3	40.3	40.5	40.4	40.5	40.5	40.7	40.7	40.3
<i>Overtime hours</i>	3.9	4.1	4.1	3.9	3.8	3.8	3.8	3.9	3.9	3.9	3.9	4.2	3.8
Food and kindred products	40.7	40.7	40.5	40.3	40.3	40.5	40.8	40.9	40.8	40.6	40.6	40.8	40.5
Tobacco products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Textile mill products	41.3	41.4	41.4	41.3	41.0	40.8	41.8	40.8	41.1	41.5	41.8	41.9	40.1
Apparel and other textile products	37.4	37.2	37.3	37.2	37.2	37.2	37.4	37.4	37.6	37.4	37.6	37.6	37.3
Paper and allied products	43.6	44.0	43.8	43.7	43.5	43.5	43.9	43.4	43.4	43.4	43.5	43.7	43.3
Printing and publishing	38.1	38.0	38.2	38.1	38.0	38.0	38.1	38.2	38.1	38.0	38.2	38.2	38.1
Chemicals and allied products	43.1	43.1	43.4	43.2	43.1	43.1	42.9	42.8	42.9	42.9	43.0	43.0	42.9
Petroleum and coal products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Rubber and misc. plastics products	41.7	42.3	41.9	41.8	41.6	41.7	41.5	41.5	41.8	41.9	42.2	42.3	41.8
Leather and leather products	37.6	38.0	38.2	38.0	38.4	37.9	37.8	38.4	39.2	38.6	39.5	39.7	39.2
Transportation and public utilities	38.5	38.2	38.8	38.6	38.8	39.3	38.9	38.9	39.5	39.1	39.5	39.4	39.7
Wholesale trade	38.3	38.3	38.3	38.1	38.0	38.5	38.0	38.1	38.5	38.0	38.2	38.1	37.9
Retail trade	28.8	28.6	28.8	28.6	28.5	28.9	28.9	28.9	29.0	28.7	28.8	28.8	28.2
Finance, insurance, and real estate	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Services	32.6	32.4	32.6	32.4	32.4	32.7	32.1	32.5	32.6	32.3	32.4	32.3	32.4

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

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

components and consequently cannot be separated with sufficient precision.

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1991 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P	Mar. ^P	
Total private	121.0	120.7	121.7	120.8	120.8	121.7	120.5	121.4	122.1	121.3	122.0	122.5	121.9	
Goods-producing	103.5	103.6	104.6	103.3	103.3	102.8	102.1	102.3	102.6	102.6	103.0	104.1	103.3	
Mining	58.3	57.6	57.1	55.6	55.7	56.2	55.0	55.6	55.9	54.7	55.3	53.5	53.2	
Construction	120.6	121.9	125.2	122.4	122.3	121.8	121.3	121.4	119.8	120.0	117.8	123.2	122.4	
Manufacturing	102.9	102.8	103.3	102.4	102.5	101.8	101.2	101.4	102.1	102.1	103.1	103.4	102.6	
Durable goods	99.7	99.2	100.1	99.0	99.0	98.4	97.2	97.9	98.8	98.8	100.0	100.4	99.5	
Lumber and wood products	122.6	121.4	121.7	118.8	120.9	119.6	119.2	121.7	123.6	122.5	122.6	125.5	123.1	
Furniture and fixtures	115.7	116.0	116.0	115.8	117.3	113.3	111.9	113.6	114.4	114.5	115.7	116.6	115.4	
Stone, clay, and glass products	101.6	103.3	103.8	103.3	103.6	102.8	103.3	102.6	102.3	102.1	101.8	104.3	102.8	
Primary metal industries	87.2	87.6	88.1	87.1	86.9	86.7	85.6	85.5	85.7	86.5	87.3	88.1	87.2	
Blast furnaces and basic steel products	75.7	76.6	76.4	75.5	75.1	74.9	72.7	72.6	72.7	72.8	73.5	74.5	74.1	
Fabricated metal products	101.7	101.1	102.6	101.4	101.9	101.2	99.6	100.5	101.2	100.9	102.5	103.2	102.3	
Industrial machinery and equipment	90.4	90.5	92.1	91.0	90.4	90.4	90.3	90.9	92.0	91.5	92.3	92.3	92.0	
Electronic and other electrical equipment	100.9	100.2	101.6	100.5	100.6	99.8	99.3	99.9	101.1	100.9	101.2	102.3	101.5	
Transportation equipment	114.0	112.6	112.2	111.2	109.9	110.9	106.0	106.7	109.1	110.8	115.1	113.0	111.6	
Motor vehicles and equipment	129.3	131.0	128.6	126.9	127.6	128.2	120.1	121.8	127.8	132.5	143.2	139.6	137.5	
Instruments and related products	82.8	81.3	82.3	81.5	81.3	80.7	79.9	80.3	79.6	78.9	79.5	78.7	79.3	
Miscellaneous manufacturing	100.1	99.9	100.5	99.8	100.8	97.5	97.4	98.2	98.6	98.1	97.4	98.4	98.3	
Nondurable goods	107.4	107.8	107.8	107.2	107.4	106.6	106.8	106.2	106.6	106.7	107.4	107.8	106.8	
Food and kindred products	111.1	112.1	111.5	110.6	111.6	111.0	110.7	111.1	111.4	110.9	111.6	112.3	111.5	
Tobacco products	72.4	72.7	70.0	71.4	71.2	75.5	69.3	68.1	64.8	72.2	71.2	68.3	65.0	
Textile mill products	100.6	100.6	100.3	99.9	99.3	98.0	100.7	97.1	98.5	99.8	100.2	100.6	96.0	
Apparel and other textile products	94.2	93.6	94.3	93.5	94.7	92.6	92.5	92.2	92.7	92.3	93.0	92.9	92.4	
Paper and allied products	109.9	111.3	111.3	110.6	110.1	109.7	111.5	109.6	109.4	109.2	109.7	110.2	109.4	
Printing and publishing	123.6	123.5	124.1	123.5	123.3	123.2	123.6	123.5	123.2	123.2	123.5	124.0	123.6	
Chemicals and allied products	100.0	99.8	100.7	100.1	99.1	99.1	98.1	98.1	98.0	98.1	98.5	98.4	98.7	
Petroleum and coal products	86.3	84.8	86.5	82.2	83.1	83.3	82.1	84.6	84.4	83.0	86.1	84.2	86.3	
Rubber and misc. plastics products	127.6	129.5	128.8	129.3	128.8	128.2	127.0	126.8	128.5	129.2	131.1	132.3	131.5	
Leather and leather products	57.8	59.0	58.7	57.8	59.6	57.6	57.5	58.4	59.6	57.5	58.2	59.2	59.0	
Service-producing	128.9	128.4	129.4	128.7	128.7	130.2	128.8	130.0	130.8	129.6	130.6	130.7	130.2	
Transportation and public utilities	112.9	112.0	113.7	113.2	113.7	114.7	114.0	113.9	115.7	114.9	116.6	116.4	117.4	
Wholesale trade	112.8	112.9	113.0	112.4	111.8	113.1	111.6	112.2	113.6	112.0	113.1	113.1	112.5	
Retail trade	119.1	118.8	119.6	118.8	118.4	119.6	119.7	119.7	120.1	119.2	120.1	121.0	118.3	
Finance, insurance, and real estate	120.5	118.3	119.0	118.4	117.6	120.6	118.2	119.7	121.4	118.9	119.8	119.1	119.0	
Services	147.9	147.6	149.0	148.3	148.7	150.3	147.8	150.3	150.8	149.8	150.5	150.5	151.1	

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.

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1991 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P	Mar. ^P
Average hourly earnings													
Total private (in current dollars)	\$10.55	\$10.52	\$10.56	\$10.58	\$10.58	\$10.66	\$10.63	\$10.65	\$10.71	\$10.69	\$10.73	\$10.75	\$10.80
Mining	14.50	14.46	14.49	14.52	14.50	14.55	14.54	14.59	14.67	14.46	14.54	14.49	14.61
Construction	14.06	14.03	14.09	14.20	14.11	14.21	14.07	14.15	14.20	14.16	14.12	14.14	14.22
Manufacturing	11.37	11.42	11.44	11.44	11.45	11.51	11.51	11.51	11.54	11.57	11.60	11.63	11.64
Excluding overtime ²	10.87	10.93	10.92	10.93	10.95	11.00	11.03	10.98	11.02	11.04	11.09	11.08	11.10
Transportation and public utilities	13.41	13.43	13.44	13.47	13.43	13.53	13.56	13.56	13.65	13.57	13.58	13.56	13.71
Wholesale trade	11.35	11.29	11.37	11.38	11.38	11.51	11.44	11.48	11.53	11.47	11.59	11.59	11.61
Retail trade	7.12	7.09	7.12	7.11	7.14	7.16	7.18	7.18	7.19	7.20	7.22	7.24	7.26
Finance, insurance, and real estate	10.78	10.68	10.76	10.76	10.76	10.96	10.84	10.92	11.09	11.00	11.10	11.11	11.16
Services	10.50	10.46	10.49	10.53	10.53	10.61	10.59	10.61	10.68	10.66	10.73	10.74	10.77
Total private (in constant dollars) ³	7.46	7.41	7.43	7.43	7.41	7.45	7.42	7.40	7.43	7.40	7.40	7.39	(*)
Average weekly earnings													
Total private:													
In current dollars	363.98	360.84	365.38	362.89	362.89	368.84	364.61	367.43	370.57	366.67	370.19	369.80	370.44
In constant (1982) dollars ³	257.23	254.29	257.13	254.84	254.12	257.75	254.44	255.34	256.98	253.93	255.30	254.16	(*)

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 1991 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Alabama	40.8	40.9	40.7	\$9.84	\$10.19	\$10.21	\$401.47	\$416.77	\$415.55
Birmingham	40.6	41.8	41.3	10.31	10.62	10.87	418.59	443.92	448.93
Mobile	42.5	42.4	42.7	11.90	12.50	12.53	505.75	530.00	535.03
Alaska	58.2	35.9	53.9	9.22	10.85	9.37	536.60	382.34	505.04
Arizona	40.8	40.1	40.3	10.96	11.06	11.00	447.17	443.51	443.30
Arkansas	40.8	41.8	41.1	8.92	9.18	9.19	363.94	383.72	377.71
Fayetteville-Springdale	41.3	41.4	41.0	8.27	8.40	8.32	341.55	347.76	341.12
Fort Smith	38.9	40.4	40.6	9.18	9.63	9.58	357.10	389.05	388.95
Little Rock-North Little Rock	40.2	42.1	41.0	9.54	9.81	9.77	383.51	413.00	400.57
Pine Bluff	42.9	42.2	42.7	10.26	10.35	10.56	440.15	436.77	450.91
California	40.2	40.3	40.4	12.09	12.24	12.21	486.02	493.27	493.28
Anaheim-Santa Ana	40.1	40.6	40.3	12.06	12.25	12.31	483.61	497.35	496.09
Bakersfield	40.1	39.5	38.8	12.95	12.54	12.58	519.30	495.33	488.10
Fresno	39.7	39.5	38.9	10.14	10.19	10.16	402.56	402.51	395.22
Los Angeles-Long Beach	40.9	41.3	41.4	11.29	11.40	11.37	461.76	470.82	470.72
Modesto	39.1	39.4	40.1	11.67	11.96	11.91	456.30	471.22	477.59
Oakland	40.4	39.9	42.8	14.21	14.32	13.63	574.08	571.37	583.36
Oxnard-Ventura	40.9	40.5	41.1	11.50	11.64	11.31	470.35	471.42	464.84
Riverside-San Bernardino	39.4	39.4	40.0	10.93	11.38	11.26	430.64	448.37	450.40
Sacramento	38.7	39.2	39.4	12.64	12.82	12.78	489.17	502.54	503.53
Salinas-Seaside-Monterey	38.8	38.2	38.0	11.95	12.40	12.42	463.66	473.68	471.96
San Diego	39.5	39.6	39.9	12.21	12.55	12.56	482.30	496.98	501.14
San Francisco	39.9	39.7	39.5	13.29	13.23	13.25	530.27	525.23	523.38
San Jose	40.2	41.2	40.9	14.72	14.84	14.95	591.74	611.41	611.46
Santa Barbara-Santa Maria-Lompoc	40.2	40.9	41.2	12.26	12.88	12.92	492.85	526.79	532.30
Santa Rosa-Petaluma	38.1	39.7	39.2	12.01	13.37	13.29	457.58	530.79	520.97
Stockton	40.8	41.4	41.2	11.70	12.15	12.10	477.36	503.01	498.52
Vallejo-Fairfield-Napa	39.9	38.7	41.5	13.77	14.21	14.15	549.42	549.93	587.23
Colorado	39.8	41.3	41.1	11.30	11.63	11.64	449.74	480.32	478.40
Denver	40.5	41.3	41.3	12.51	12.83	12.67	506.66	529.88	523.27
Connecticut	41.9	42.1	41.5	12.37	12.72	12.77	518.30	535.51	529.96
Bridgeport-Milford	42.8	42.8	42.5	13.00	13.42	13.19	556.40	574.38	560.58
Hartford	42.0	42.0	40.3	12.97	13.66	14.17	544.74	573.72	571.05
New Britain	42.7	42.5	42.4	12.83	13.25	13.03	547.84	563.13	552.47
New Haven-Meriden	42.1	40.3	39.9	11.95	12.61	12.47	503.10	508.18	497.55
Stamford	41.6	40.3	41.7	12.28	10.82	10.96	510.85	436.05	457.03
Waterbury	43.1	44.1	43.5	11.25	11.50	11.51	484.88	507.15	500.69
Delaware	40.3	39.9	40.3	12.43	12.84	12.88	500.93	512.32	519.06
Wilmington	40.7	40.8	41.6	14.63	15.15	15.17	595.44	618.12	631.07
District of Columbia:									
Washington MSA	37.6	38.8	38.9	13.64	14.04	14.12	512.88	544.75	549.27
Florida	40.8	41.1	41.4	9.49	9.74	9.68	387.19	400.31	400.75
Georgia	41.1	41.2	41.4	9.66	10.01	10.01	397.03	412.41	414.41
Atlanta	40.7	40.7	40.8	11.03	11.21	11.33	448.92	456.25	462.26
Savannah	45.5	45.0	44.4	12.51	13.30	13.41	569.21	598.50	595.40
Hawaii	39.7	39.3	38.3	11.57	11.94	11.90	459.33	469.24	455.77
Honolulu	39.5	38.4	38.7	12.14	12.40	12.35	479.53	476.16	477.95
Idaho	39.4	39.0	38.8	11.37	11.81	11.81	447.98	460.59	458.23
Illinois	40.6	41.4	41.3	11.70	12.00	12.01	475.02	496.80	496.01
Aurora-Elgin	39.8	41.6	41.2	11.20	11.70	11.61	445.78	486.72	478.33
Bloomington-Normal	39.9	41.2	41.1	14.12	15.42	15.47	563.39	635.30	635.82
Champaign-Urbana-Rantoul	40.3	40.7	40.9	10.36	10.59	10.63	417.51	431.01	434.77
Chicago	40.4	40.9	40.7	11.54	11.76	11.77	466.22	480.98	479.04
Davenport-Rock Island-Moline	40.6	40.9	40.7	14.08	14.04	14.01	571.65	574.24	570.21
Decatur	40.6	41.5	41.5	14.53	14.77	14.87	589.92	612.96	617.11
Joliet	40.4	41.3	41.0	13.74	13.68	13.70	555.10	564.98	561.70
Kankakee	40.7	41.0	41.1	11.72	12.24	12.24	477.00	501.84	503.06
Lake County	38.8	40.2	40.3	11.67	11.68	11.77	464.47	469.54	474.33
Peoria	39.7	42.1	41.9	14.01	15.03	15.06	566.20	632.76	631.01
Rockford	39.7	41.5	41.8	12.24	13.24	13.07	485.93	549.46	546.33
Springfield	39.0	39.0	38.4	11.31	11.48	11.51	441.09	447.72	441.98

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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Indiana	41.2	41.9	42.0	\$12.67	\$12.91	\$12.87	\$522.00	\$540.93	\$540.54
Anderson	40.5	38.8	39.2	16.75	17.95	18.29	678.38	686.46	716.97
Bloomington	38.7	39.9	39.6	11.80	12.13	12.09	456.66	483.99	478.76
Elkhart-Goshen	39.3	38.8	39.1	10.09	10.45	10.64	396.54	405.46	416.02
Evansville	41.7	42.1	43.6	12.86	12.94	12.88	536.26	544.77	561.57
Fort Wayne	40.8	41.8	39.7	13.41	13.58	13.54	547.13	567.64	537.54
Gary-Hammond	42.1	44.3	43.9	16.69	16.79	16.22	702.65	743.80	712.08
Indianapolis	41.4	42.5	42.6	13.33	13.43	13.45	551.86	570.78	572.97
Kokomo	38.1	40.1	40.1	17.08	17.07	17.04	650.75	684.51	683.30
Lafayette-West Lafayette	42.2	42.1	38.5	13.12	13.92	13.26	553.66	586.03	510.51
Muncie	44.4	43.3	43.3	13.55	14.04	14.34	601.62	607.93	620.92
South Bend-Mishawaka	42.8	39.8	41.0	11.73	11.79	11.54	502.04	469.24	473.14
Terre Haute	43.3	45.5	45.2	11.65	12.36	12.27	504.45	562.38	554.60
Iowa	40.8	40.8	40.9	11.76	12.06	12.05	479.81	492.05	492.85
Cedar Rapids	38.1	42.0	41.4	14.23	14.52	14.39	542.16	609.84	595.75
Des Moines	40.6	40.0	41.4	12.94	12.51	12.54	525.36	500.40	519.16
Dubuque	39.9	40.6	40.1	12.58	12.45	12.54	501.94	505.47	502.85
Sioux City	40.2	40.4	39.4	9.63	10.03	9.75	387.13	405.21	384.15
Kansas	40.9	41.0	41.2	11.43	11.98	11.98	467.49	491.18	493.58
Topeka	42.0	42.1	41.7	13.51	14.05	13.92	567.42	591.51	580.46
Wichita	40.7	41.4	41.4	13.36	13.92	13.95	543.75	576.29	577.53
Kentucky	40.2	40.4	40.1	11.14	11.40	11.39	447.83	480.56	456.74
Lexington-Fayette	41.3	41.5	40.7	12.02	12.36	12.26	496.43	512.94	498.98
Louisville	41.0	40.7	40.8	12.73	13.05	13.11	521.93	531.14	534.89
Louisiana	42.4	42.2	42.5	11.92	12.46	12.45	505.41	525.81	529.13
Baton Rouge	45.5	43.8	44.2	14.24	14.66	14.33	647.92	642.11	633.39
New Orleans	40.3	41.5	42.1	11.49	12.31	12.38	463.05	510.87	520.36
Shreveport	40.0	39.7	41.6	11.87	13.77	13.53	474.80	546.67	562.85
Maine	39.9	40.0	40.0	11.31	11.51	11.55	451.27	460.40	462.00
Lewiston-Auburn	40.3	38.2	38.5	9.52	9.93	9.69	383.66	379.33	373.07
Portland	38.6	38.6	38.0	10.50	10.39	10.56	405.30	401.05	401.28
Maryland	40.3	40.9	40.5	12.39	12.76	12.75	499.32	521.88	516.38
Baltimore MSA	41.0	41.2	41.0	13.04	13.38	13.37	534.64	551.26	548.17
Massachusetts	40.9	41.0	41.1	11.94	12.30	12.29	488.35	504.30	505.12
Boston	40.6	40.6	40.7	12.85	13.23	13.19	521.71	537.14	536.83
Springfield	40.8	39.7	39.4	11.63	11.90	11.98	474.50	472.43	472.01
Worcester	41.4	41.8	41.8	11.45	11.57	11.51	474.03	483.63	481.12
Michigan	41.8	41.8	41.9	14.56	15.01	15.05	608.61	627.42	630.59
Ann Arbor	40.0	41.4	41.4	16.12	16.07	16.35	644.80	665.30	676.89
Battle Creek	43.1	42.6	41.4	15.41	16.91	16.77	664.17	720.37	694.28
Detroit	42.6	43.2	43.3	15.64	16.10	16.17	666.26	695.52	700.16
Flint	41.8	39.7	40.5	18.37	18.98	19.07	767.87	753.51	772.33
Grand Rapids	40.2	41.4	41.2	12.34	12.38	12.45	496.07	512.53	512.94
Jackson	42.6	41.4	42.5	10.81	10.84	11.02	460.51	448.78	468.35
Kalamazoo	41.4	43.4	43.5	14.21	14.95	14.80	588.29	648.83	643.80
Lansing-East Lansing	41.6	39.9	41.2	17.14	16.49	15.51	713.02	657.95	639.01
Muskegon	40.1	40.5	40.6	12.53	12.63	12.45	502.45	511.51	505.47
Saginaw-Bay City-Midland	42.1	42.3	42.6	16.23	17.37	17.32	683.28	734.75	737.83
Minnesota	40.4	40.8	41.0	11.82	12.14	12.12	477.53	495.31	496.92
Duluth	40.4	41.7	40.6	11.61	11.88	11.78	489.04	487.06	478.27
Minneapolis-St. Paul	41.0	40.7	41.0	12.47	12.68	12.89	511.27	524.22	528.49
St. Cloud	39.6	39.6	40.2	10.48	10.67	10.71	415.01	422.53	430.54
Mississippi	39.7	40.4	40.4	8.78	9.03	9.05	348.57	364.81	365.62
Jackson	37.8	38.7	38.5	9.42	9.57	9.66	356.08	370.36	371.91
Missouri	40.1	40.9	41.0	11.11	11.29	11.29	445.51	461.76	462.89
Kansas City	41.1	41.0	41.2	12.81	13.24	13.26	526.49	542.84	546.31
St. Louis	41.4	42.1	41.9	13.40	13.58	13.67	554.76	571.72	572.77
Springfield	39.6	39.7	38.4	9.96	9.97	9.95	394.42	395.81	382.08
Montana	38.8	38.5	39.3	12.01	12.26	12.39	465.99	472.01	486.93

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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^a	Feb. 1992	Jan. 1993	Feb. 1993 ^a	Feb. 1992	Jan. 1993	Feb. 1993 ^a
Nebraska	40.2	42.3	41.5	\$10.14	\$10.27	\$10.64	\$407.63	\$434.42	\$441.56
Lincoln	39.5	40.1	41.1	11.31	11.79	11.51	446.75	472.78	473.06
Omaha	41.4	42.3	41.6	10.84	10.57	10.48	448.78	447.11	435.97
Nevada	40.6	40.6	40.4	11.40	11.52	11.51	462.84	467.71	465.00
Las Vegas	40.2	42.4	42.2	12.88	12.66	12.51	517.78	536.78	527.92
New Hampshire	41.8	42.7	41.8	10.98	11.45	11.49	458.96	488.92	480.28
Manchester	41.2	42.1	42.1	10.91	11.20	11.18	449.49	471.52	470.68
Nashua	42.2	47.2	43.3	13.24	14.61	14.66	558.73	689.59	634.78
Portsmouth-Dover-Rochester	41.0	41.5	42.0	10.89	11.10	11.40	446.49	460.65	478.80
New Jersey	41.5	41.3	41.1	12.47	12.84	12.80	517.51	530.29	526.08
New Mexico	39.5	38.8	40.4	9.59	9.84	9.79	378.81	381.79	395.52
Albuquerque	39.8	39.5	40.6	9.85	10.07	10.00	392.03	397.77	406.00
New York	39.6	40.6	40.5	11.63	11.87	11.91	460.55	481.92	482.36
Albany-Schenectady-Troy	41.0	40.4	41.2	12.59	13.17	13.27	516.19	532.07	546.72
Binghamton	39.3	41.7	40.9	9.69	9.80	9.86	380.82	408.66	403.27
Buffalo	40.9	43.6	44.5	13.65	14.19	14.23	558.29	618.68	633.24
Elmira	40.7	42.1	42.0	10.70	11.10	11.07	435.49	467.31	464.94
Nassau-Suffolk	39.6	40.1	40.1	11.99	11.53	11.45	474.80	462.35	459.15
New York PMSA	37.1	38.4	38.0	10.59	10.67	10.61	392.89	409.73	403.18
New York City	36.7	38.1	37.7	10.47	10.31	10.26	384.25	392.81	386.80
Niagara Falls	41.3	40.9	40.6	14.74	15.28	15.16	608.76	624.95	615.50
Orange County	40.0	41.1	39.1	10.04	10.26	10.37	401.60	421.69	405.47
Poughkeepsie	39.5	41.6	40.2	11.33	10.79	10.80	447.54	448.86	434.16
Rochester	41.4	41.7	41.7	13.53	13.74	13.78	560.14	572.96	574.63
Rockland County	44.7	44.0	42.9	13.80	13.71	13.92	616.86	603.24	597.17
Syracuse	40.6	41.8	41.7	12.82	13.40	13.34	520.49	560.12	556.28
Utica-Rome	40.4	40.7	41.3	10.93	11.07	11.03	441.57	450.55	455.54
Westchester County	39.1	38.8	40.0	11.21	12.46	12.15	438.31	483.45	486.00
North Carolina	40.0	40.8	40.6	9.36	9.72	9.73	374.40	396.58	395.04
Asheville	40.5	40.9	40.4	9.40	9.80	9.78	380.70	400.82	395.11
Charlotte-Gastonia-Rock Hill	40.2	41.2	40.7	10.00	10.38	10.39	402.00	427.66	422.87
Greensboro-Winston-Salem-High Point	39.3	40.3	39.5	10.07	10.50	10.41	395.75	423.15	411.20
Raleigh-Durham	41.9	41.1	41.4	10.20	10.74	10.70	427.98	441.41	442.98
North Dakota	40.5	40.9	41.0	9.53	9.96	9.99	385.97	407.36	409.59
Fargo-Moorhead	38.3	40.0	39.8	8.92	9.31	9.22	341.64	372.40	366.96
Ohio	41.7	42.7	42.7	13.25	13.83	13.84	552.53	590.54	590.97
Akron	42.1	42.7	41.9	12.15	12.59	12.57	511.52	537.59	526.68
Canton	40.9	41.7	41.6	11.48	12.22	12.15	469.53	509.57	505.44
Cincinnati	41.5	41.9	41.4	12.64	12.87	12.87	524.56	539.25	532.82
Cleveland	41.3	42.9	43.0	12.63	13.14	13.17	521.62	563.71	566.31
Columbus	41.5	42.2	42.1	13.12	13.55	13.54	544.48	571.81	570.03
Dayton-Springfield	41.5	43.0	42.9	14.29	15.09	15.11	593.04	648.87	648.22
Toledo	42.2	43.3	43.8	14.56	15.08	15.11	614.43	652.96	661.82
Youngstown-Warren	41.5	42.5	42.7	15.43	16.36	16.43	640.35	695.30	701.56
Oklahoma	40.8	41.2	41.1	10.99	11.44	11.40	448.39	471.33	468.54
Oklahoma City	40.6	43.1	42.7	11.58	11.99	12.13	470.15	516.77	517.95
Tulsa	41.9	41.7	41.3	11.71	12.14	12.08	490.65	506.24	498.90
Oregon	40.0	39.0	39.7	11.94	12.19	12.22	477.60	475.41	485.13
Eugene-Springfield	40.4	38.2	40.6	12.04	12.06	12.23	486.42	460.69	496.54
Medford	41.9	40.6	41.3	11.28	11.46	11.53	472.63	465.28	476.19
Portland	39.7	39.7	40.0	12.28	12.51	12.40	487.52	496.65	496.00
Salem	37.6	36.4	37.4	10.43	10.64	10.82	392.17	387.30	404.67
Pennsylvania	40.4	41.3	40.7	11.67	12.02	12.02	471.47	496.43	489.21
Allentown-Bethlehem	39.8	40.9	39.6	11.54	12.00	11.92	459.29	490.80	472.03
Altoona	39.6	40.0	40.2	9.82	10.20	10.12	388.87	408.00	406.82
Beaver County	45.9	45.2	45.8	11.73	11.85	11.80	538.41	535.62	540.44
Erie	42.7	43.8	43.6	12.18	12.59	12.64	520.09	551.44	551.10
Harrisburg-Lebanon-Carlisle	38.6	40.1	39.8	11.00	11.55	11.54	424.60	463.16	459.29
Johnstown	39.0	39.8	39.6	8.98	9.00	9.12	350.22	358.20	361.15

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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Pennsylvania—Continued									
Lancaster	40.3	41.2	40.2	\$11.62	\$11.73	\$11.71	\$468.29	\$483.28	\$470.74
Philadelphia PMSA	40.0	40.7	40.6	12.85	13.21	13.35	514.00	537.65	542.01
Pittsburgh	41.1	41.7	41.1	12.22	12.67	12.61	502.24	528.34	518.27
Reading	40.7	41.5	40.9	12.20	12.45	12.42	496.54	516.68	507.98
Scranton-Wilkes-Barre	39.3	40.0	39.4	10.25	10.74	10.66	402.83	429.60	420.00
Sharon	41.8	43.3	42.9	12.54	12.36	12.24	524.17	535.19	525.10
State College	39.2	39.5	39.4	10.30	10.44	10.53	403.76	412.38	414.88
Williamsport	40.0	40.2	39.7	10.37	10.42	10.26	414.80	418.88	407.32
York	40.3	41.6	41.1	11.30	11.65	11.71	455.39	484.64	481.28
Rhode Island									
Pawtucket-Woonsocket-Attleboro	39.6	39.4	39.9	9.72	10.07	10.03	384.91	396.76	400.20
Providence	40.1	40.0	41.1	9.19	9.55	9.52	368.52	382.00	391.27
Providence	39.5	38.7	39.5	10.00	10.41	10.40	395.00	402.87	410.80
South Carolina									
.....	41.5	41.8	41.5	9.36	9.66	9.69	388.44	403.79	402.14
South Dakota									
Rapid City	41.1	40.8	40.3	8.73	8.89	8.97	358.80	362.71	361.49
Rapid City	41.5	39.6	39.4	9.26	8.95	9.16	384.29	354.42	360.90
Sioux Falls	41.4	39.9	39.2	9.10	9.14	9.05	376.74	364.69	354.76
Tennessee									
Chattanooga	40.0	40.7	40.5	10.02	10.22	10.27	400.80	415.95	415.94
Chattanooga	41.5	42.2	42.6	9.37	9.58	9.75	388.86	404.28	415.35
Johnson City-Kingsport-Bristol	38.3	38.2	38.1	9.86	10.50	10.68	377.64	401.10	406.91
Knoxville	39.9	39.5	39.7	10.29	10.27	10.14	410.57	405.67	402.56
Memphis	41.6	40.7	40.5	10.42	10.69	10.65	433.47	435.08	431.33
Nashville	39.7	40.7	40.5	11.07	11.23	11.29	439.48	457.06	457.25
Texas									
Dallas	42.1	42.7	42.5	10.88	11.03	11.06	458.05	470.98	470.05
Dallas	41.3	42.3	41.6	10.53	10.78	10.76	434.89	455.99	447.62
Ft. Worth-Arlington	41.2	42.2	41.8	11.86	11.75	11.96	488.63	495.85	499.93
Houston	44.2	44.6	44.8	12.94	13.45	13.34	571.95	599.87	597.63
San Antonio	41.5	42.2	42.7	8.20	8.49	8.49	340.30	358.28	362.52
Utah									
Salt Lake City-Ogden	40.1	38.1	39.4	11.11	10.92	11.38	445.51	416.05	448.37
Salt Lake City-Ogden	40.1	39.0	40.3	11.16	11.44	11.49	447.52	446.16	463.05
Vermont									
Burlington	40.8	41.2	40.7	11.39	11.85	11.81	464.71	488.22	480.67
Burlington	40.4	41.8	42.3	11.79	11.96	11.90	476.32	499.93	503.37
Virginia									
Bristol	40.0	41.0	40.7	10.52	10.79	10.81	420.80	442.39	439.97
Bristol	41.1	39.4	38.9	8.92	9.12	9.53	366.61	359.33	370.72
Charlottesville	39.4	40.1	39.1	9.32	9.63	9.80	367.21	386.16	383.18
Danville	41.8	42.1	42.0	10.15	10.80	10.78	424.27	454.68	452.76
Lynchburg	39.1	42.5	42.5	10.17	10.78	10.85	397.65	458.15	461.13
Northern Virginia	38.5	40.8	41.3	12.39	13.69	13.71	477.02	558.55	566.22
Richmond-Petersburg	40.9	41.6	42.1	13.58	13.51	13.61	555.42	562.02	572.98
Roanoke	41.3	42.2	42.1	12.73	12.47	12.44	525.75	526.23	523.72
Washington									
.....	40.1	39.8	40.3	13.57	14.00	13.99	544.16	557.20	563.80
West Virginia									
Charleston	40.6	40.8	40.7	12.04	12.03	12.17	488.82	490.82	495.32
Charleston	42.8	42.6	43.2	14.79	14.52	15.22	633.01	618.55	657.50
Huntington-Ashland	41.3	39.9	40.0	13.40	13.61	13.71	553.42	543.04	548.40
Parkersburg-Marietta	41.2	41.9	40.6	14.21	14.79	14.49	585.45	619.70	588.29
Wheeling	38.3	40.6	39.8	14.04	13.69	13.64	537.73	555.81	542.87
Wisconsin									
Appleton-Oshkosh	41.5	41.6	41.9	11.78	12.12	12.06	488.87	504.19	505.31
Appleton-Oshkosh	42.2	43.3	43.2	12.57	12.99	12.85	530.45	562.47	555.12
Eau Claire	46.2	40.7	40.5	12.65	12.21	12.02	584.43	496.95	486.81
Green Bay	42.3	41.3	40.7	12.81	12.54	12.51	541.86	517.90	509.16
Janesville-Beloit	44.1	43.4	43.7	14.78	15.73	15.69	651.80	682.68	685.65
Kenosha	39.6	40.2	41.2	11.90	12.59	12.56	471.24	506.12	517.47
La Crosse	40.9	39.5	39.5	10.37	10.19	10.47	424.13	402.51	413.57
Madison	40.8	41.3	41.0	11.04	11.08	10.97	450.43	457.60	449.77
Milwaukee	41.3	41.6	41.9	12.72	13.19	13.04	525.34	548.70	546.38
Racine	40.8	41.0	41.5	12.34	11.80	12.25	503.47	483.80	508.38
Sheboygan	41.8	40.4	40.5	11.60	12.04	12.05	484.88	486.42	488.03
Wausau	41.7	41.0	41.2	11.19	11.53	11.41	466.62	472.73	470.09
Wyoming									
.....	39.2	37.5	38.7	11.05	11.36	11.24	433.16	426.00	434.99
Puerto Rico									
.....	39.3	39.8	39.8	6.50	6.87	6.84	255.45	273.43	272.23
Virgin Islands									
.....	42.1	43.9	42.0	12.96	14.67	14.53	545.62	644.01	610.26

¹ Not available.

^P = preliminary.

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

publication. All State and area data have been adjusted to March 1992 benchmarks.

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

Industry	Millions of hours (annual rate) ¹			Percent change		
	Jan. 1993 ^r	Feb. 1993 ^r	Mar. 1993 ^p	Mar. 1992 to Mar. 1993 ^p	Jan. 1993 to Feb. 1993 ^r	Feb. 1993 to Mar. 1993 ^p
Total	201,404	202,393	201,420	0.4	0.5	-0.5
Private sector	163,869	164,595	163,740	.2	.4	-.5
Mining	1,431	1,380	1,375	-8.3	-3.6	-.4
Construction	8,843	9,192	9,147	.8	4.0	-.5
Manufacturing	38,732	38,849	38,608	-.9	.3	-.6
Durable goods	22,189	22,258	22,120	-1.1	.3	-.6
Nondurable goods	16,543	16,590	16,487	-.5	.3	-.6
Transportation and public utilities	11,839	11,850	11,908	3.2	.1	.5
Wholesale trade	11,908	11,895	11,837	-.9	-.1	-.5
Retail trade	28,794	28,998	28,384	-.7	.7	-2.1
Finance, insurance, and real estate	12,432	12,349	12,385	-1.9	-.7	.3
Services	49,889	50,082	50,097	1.9	.4	.0
Government	37,535	37,799	37,680	1.1	.7	-.3

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 2285, chapter 10, Productivity Measures: Business Sector and Major Subsectors. SOURCE: Office of Productivity and Technology (202-606-5606).

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

(1982=100)

Item	Annual average		Quarterly index										
	1991	1992	1990			1991				1992			
			II	III	IV	I	II	III	IV	I	II	III	IV
Business sector													
Output per hour of all persons	110.1	113.3	110.2	109.8	109.7	109.3	109.8	110.3	111.2	112.3	112.6	113.5	114.8
Output	129.8	132.8	133.7	132.5	131.3	129.2	129.5	130.0	130.6	131.4	131.9	133.0	135.0
Hours	117.9	117.2	121.4	120.7	119.8	118.1	117.9	117.8	117.5	117.0	117.2	117.2	117.5
Compensation per hour	146.6	152.1	138.9	141.0	142.9	144.1	146.1	147.5	148.8	150.3	151.0	152.7	154.3
Real compensation per hour	103.9	104.6	103.5	103.4	103.1	103.0	103.9	104.2	104.3	104.4	104.1	104.6	104.9
Unit labor costs	133.1	134.2	126.0	128.4	130.3	131.8	133.1	133.7	133.8	133.8	134.1	134.5	134.4
Unit nonlabor payments	142.5	149.1	140.0	139.1	139.5	141.2	141.8	142.8	144.3	147.0	148.9	147.9	152.4
Implicit price deflator	136.2	139.1	130.6	131.9	133.3	134.9	136.0	136.7	137.3	138.2	139.0	138.9	140.3
Nonfarm business sector													
Output per hour of all persons	108.7	111.7	108.6	108.1	108.1	107.9	108.4	108.9	109.6	110.6	111.1	111.8	113.1
Output	130.0	132.9	134.0	132.7	131.5	129.4	129.7	130.2	130.7	131.5	132.0	133.2	135.0
Hours	119.6	119.0	123.4	122.8	121.6	119.9	119.7	119.6	119.3	118.9	118.9	119.1	119.3
Compensation per hour	145.4	150.8	137.5	139.6	141.6	143.0	145.0	146.4	147.5	148.9	149.8	151.4	153.0
Real compensation per hour	103.0	103.7	102.5	102.4	102.2	102.2	103.1	103.4	103.4	103.5	103.3	103.7	104.0
Unit labor costs	133.8	135.0	126.6	129.1	131.0	132.5	133.8	134.4	134.6	134.6	134.9	135.3	135.2
Unit nonlabor payments	143.7	150.6	140.4	139.6	140.6	142.5	142.6	144.0	145.9	148.4	150.6	149.4	153.8
Implicit price deflator	137.0	140.0	131.1	132.5	134.1	135.7	136.6	137.5	138.3	139.1	139.9	139.9	141.2
Manufacturing													
Output per hour of all persons	128.1	131.9	124.8	127.2	127.0	126.1	127.5	129.4	129.7	129.4	131.0	132.7	134.1
Output	131.9	134.6	135.4	136.6	133.9	130.3	131.0	133.2	133.3	132.6	134.4	135.0	136.5
Hours	103.0	102.0	108.5	107.4	105.4	103.3	102.8	103.0	102.8	102.5	102.6	101.7	101.7
Compensation per hour	140.6	144.1	133.0	134.6	136.8	138.5	140.2	141.3	142.8	142.0	143.1	144.6	146.5
Real compensation per hour	99.6	99.1	99.2	98.7	98.7	99.0	99.7	99.8	100.1	98.7	98.7	99.0	99.6
Unit labor costs	109.8	109.3	106.6	105.8	107.7	109.9	110.0	109.2	110.1	109.8	109.2	108.9	109.2
Durable goods													
Output per hour of all persons	137.5	141.6	134.5	137.9	136.8	135.4	136.8	138.8	139.2	138.0	140.9	142.8	144.5
Output	138.9	140.7	145.7	147.3	142.6	137.6	138.3	140.2	139.7	138.2	140.6	141.1	142.8
Hours	101.1	99.3	108.3	106.8	104.2	101.6	101.1	101.0	100.3	100.2	99.8	98.8	98.8
Compensation per hour	138.5	141.7	131.0	132.6	134.9	136.5	137.9	139.0	140.9	139.3	140.4	141.8	144.8
Real compensation per hour	98.1	97.4	97.7	97.3	97.3	97.5	98.1	98.2	98.7	96.8	96.8	97.1	98.4
Unit labor costs	100.8	100.0	97.4	96.2	98.6	100.8	100.9	100.1	101.3	100.9	99.7	99.3	100.2
Nondurable goods													
Output per hour of all persons	116.8	120.2	113.2	114.4	115.2	114.8	116.2	118.0	118.2	118.9	119.2	120.6	121.7
Output	123.5	127.3	123.1	123.7	123.5	121.4	122.1	124.9	125.6	125.7	126.9	127.8	128.9
Hours	105.8	105.9	108.8	108.2	107.2	105.7	105.1	105.9	106.3	105.8	106.5	105.9	105.9
Compensation per hour	144.9	149.2	136.4	138.1	140.4	142.6	144.5	145.7	146.8	147.2	148.5	150.1	150.3
Real compensation per hour	102.6	102.6	101.7	101.3	101.3	102.0	102.7	102.9	102.9	102.3	102.4	102.8	102.2
Unit labor costs	124.1	124.1	120.6	120.8	121.9	124.2	124.3	123.5	124.2	123.9	124.6	124.4	123.6
Nonfinancial corporations													
Output per all-employee hour	113.9	(¹)	112.3	111.9	112.6	113.0	113.6	114.2	115.3	116.0	116.7	118.2	(¹)
Output	134.8	(¹)	138.1	136.8	135.8	134.1	134.3	134.9	136.0	136.8	137.9	139.3	(¹)
Hours	118.3	(¹)	123.0	122.2	120.6	118.7	118.2	118.1	117.9	117.9	118.2	117.8	(¹)
Compensation per hour	143.1	(¹)	135.6	137.6	139.6	140.8	142.7	144.0	145.2	145.9	146.6	147.9	(¹)
Real compensation per hour	101.4	(¹)	101.1	100.9	100.7	100.7	101.5	101.7	101.7	101.4	101.1	101.3	(¹)
Total unit costs	124.7	(¹)	119.1	121.4	122.7	123.9	124.7	125.3	125.0	124.6	124.4	124.5	(¹)
Unit labor costs	125.6	(¹)	120.8	123.0	124.0	124.6	125.7	126.2	125.9	125.7	125.6	125.2	(¹)
Unit nonlabor costs	122.6	(¹)	114.9	117.4	119.5	122.2	122.1	123.1	122.8	121.7	121.4	122.8	(¹)
Unit profits	152.9	(¹)	176.7	157.2	149.7	151.3	154.5	150.7	155.2	167.7	179.6	179.3	(¹)
Implicit price deflator	126.5	(¹)	122.7	123.6	124.4	125.6	126.5	126.9	126.9	127.3	127.8	127.9	(¹)

¹ Not available.

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					
	III 1991	IV 1991	I 1992	II 1992	III 1992	IV 1992	III 1991	IV 1991	I 1992	II 1992	III 1992	IV 1992
Business sector												
Output per hour of all persons	1.9	3.3	3.9	1.0	3.3	4.9	0.5	1.4	2.7	2.5	2.9	3.3
Output	1.6	2.0	2.3	1.6	3.6	5.9	-1.9	-5	1.7	1.9	2.4	3.3
Hours	-3	-1.3	-1.5	.6	.2	.9	-2.4	-1.9	-1.0	-6	-5	.0
Compensation per hour	3.9	3.5	4.0	1.9	4.5	4.4	4.6	4.1	4.2	3.3	3.5	3.7
Real compensation per hour	1.1	.3	.6	-1.2	1.8	1.2	.7	1.2	1.3	.2	.4	.6
Unit labor costs	1.9	.2	.1	.9	1.2	-5	4.1	2.7	1.5	.8	.6	.4
Unit nonlabor payments	3.0	4.1	7.7	5.3	-2.7	12.8	2.7	3.4	4.1	5.0	3.5	5.6
Implicit price deflator	2.3	1.6	2.6	2.4	-2	4.0	3.6	3.0	2.4	2.2	1.6	2.2
Nonfarm business sector												
Output per hour of all persons	1.9	2.5	3.7	1.7	2.9	4.8	.7	1.3	2.5	2.4	2.7	3.2
Output	1.5	1.6	2.3	1.7	3.5	5.7	-1.9	-6	1.6	1.8	2.3	3.3
Hours	-3	-9	-1.3	.1	.6	.9	-2.6	-1.9	-9	-6	-4	.0
Compensation per hour	3.9	3.1	3.8	2.4	4.2	4.3	4.9	4.2	4.1	3.3	3.4	3.7
Real compensation per hour	1.2	-1	.4	-6	1.5	1.1	1.0	1.2	1.2	.2	.3	.6
Unit labor costs	2.0	.6	.1	.8	1.3	-4	4.1	2.8	1.7	.8	.7	.4
Unit nonlabor payments	4.1	5.4	7.1	5.8	-3.1	12.4	3.2	3.7	4.2	5.6	3.7	5.4
Implicit price deflator	2.7	2.2	2.4	2.5	-3	3.9	3.8	3.1	2.5	2.5	1.7	2.1
Manufacturing												
Output per hour of all persons	6.2	1.0	-1.0	5.3	5.3	4.2	1.7	2.1	2.6	2.8	2.6	3.4
Output	7.1	.2	-2.2	5.6	2.0	4.3	-2.5	-5	1.8	2.6	1.4	2.4
Hours .....	.8	-8	-1.1	.3	-3.2	.1	-4.1	-2.5	-8	-2	-1.2	-1.0
Compensation per hour	3.1	4.5	-2.3	3.2	4.1	5.4	5.0	4.4	2.5	2.1	2.3	2.6
Real compensation per hour .....	.4	1.2	-5.5	.1	1.3	2.2	1.1	1.4	-4	-1.0	-7	-5
Unit labor costs	-3.0	3.5	-1.3	-2.0	-1.2	1.2	3.2	2.2	-1	-7	-3	-8
Durable goods												
Output per hour of all persons	6.3	1.0	-3.4	8.7	5.5	4.8	.7	1.7	1.9	3.0	2.8	3.8
Output	5.5	-1.5	-4.0	6.9	1.5	4.9	-4.8	-2.1	.5	1.6	.6	2.2
Hours	-7	-2.4	-7	-1.6	-3.8	.1	-5.5	-3.7	-1.4	-1.4	-2.1	-1.5
Compensation per hour	3.1	5.7	-4.6	3.3	3.9	8.7	4.8	4.5	2.1	1.8	2.0	2.7
Real compensation per hour .....	.4	2.4	-7.6	.2	1.2	5.4	.9	1.5	-8	-1.3	-1.1	-3
Unit labor costs	-3.0	4.7	-1.2	-4.9	-1.5	3.8	4.1	2.7	.1	-1.2	-8	-1.0
Nondurable goods												
Output per hour of all persons	6.1	.9	2.2	.9	5.0	3.5	3.1	2.6	3.5	2.5	2.3	2.9
Output	9.3	2.5	.4	3.8	2.7	3.5	.9	1.8	3.6	3.9	2.3	2.6
Hours	3.0	1.5	-1.8	2.8	-2.3	.0	-2.1	-9	.0	1.4	.1	-3
Compensation per hour	3.4	3.0	1.2	3.4	4.5	.6	5.5	4.5	3.2	2.7	3.0	2.4
Real compensation per hour .....	.7	-3	-2.1	.3	1.7	-2.5	1.6	1.5	.4	-3	-1	-6
Unit labor costs	-2.6	2.1	-1.0	2.5	-5	-2.8	2.3	1.8	-3	.2	.7	-5
Nonfinancial corporations												
Output per all-employee hour	2.1	4.2	2.3	2.5	5.1	(¹)	2.0	2.5	2.7	2.8	3.5	(¹)
Output	1.8	3.4	2.3	3.4	3.9	(¹)	-1.4	.2	2.0	2.7	3.3	(¹)
Hours	-3	-7	.0	.9	-1.1	(¹)	-3.4	-2.2	-6	.0	-2	(¹)
Compensation per hour	3.7	3.3	1.8	2.0	3.7	(¹)	4.7	4.0	3.6	2.7	2.7	(¹)
Real compensation per hour	1.0	.1	-1.5	-1.0	1.0	(¹)	.8	1.0	.7	-4	-4	(¹)
Total unit costs	2.0	-9	-1.4	-6	.3	(¹)	3.2	1.9	.5	-2	-6	(¹)
Unit labor costs	1.5	-8	-5	-4	-1.4	(¹)	2.6	1.5	.9	-1	-8	(¹)
Unit nonlabor costs	3.3	-1.0	-3.5	-9	4.8	(¹)	4.9	2.8	-4	-6	-2	(¹)
Unit profits	-9.7	12.6	36.3	31.5	-6	(¹)	-4.2	3.7	10.8	16.2	19.0	(¹)
Implicit price deflator	1.1	.1	1.2	1.8	.2	(¹)	2.6	2.0	1.3	1.0	.8	(¹)

¹ Not available.

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		
	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
NORTHEAST													
Civilian noninstitutional population ²	39,460	39,467	39,471	39,477	39,486	39,498	39,505	39,518	39,533	39,547	39,551	39,555	39,567
Civilian labor force	25,557	25,515	25,559	25,557	25,575	25,605	25,576	25,567	25,727	25,746	25,688	25,612	25,564
Employed	23,583	23,519	23,521	23,402	23,391	23,481	23,440	23,489	23,641	23,653	23,649	23,665	23,703
Unemployed	1,974	1,996	2,038	2,155	2,184	2,124	2,137	2,078	2,086	2,093	2,039	1,947	1,862
Unemployment rate	7.7	7.8	8.0	8.4	8.5	8.3	8.4	8.1	8.1	8.1	7.9	7.6	7.3
New England													
Civilian noninstitutional population ²	10,197	10,201	10,203	10,206	10,211	10,216	10,220	10,224	10,231	10,236	10,239	10,241	10,247
Civilian labor force	7,030	7,005	7,031	7,002	7,062	7,079	7,055	7,075	7,140	7,123	7,127	7,054	7,054
Employed	6,479	6,439	6,492	6,433	6,513	6,524	6,480	6,511	6,544	6,530	6,562	6,524	6,557
Unemployed	551	566	539	569	549	556	575	564	597	593	565	530	497
Unemployment rate	7.8	8.1	7.7	8.1	7.8	7.8	8.2	8.0	8.4	8.3	7.9	7.5	7.0
Middle Atlantic													
Civilian noninstitutional population ²	29,263	29,266	29,268	29,270	29,276	29,281	29,285	29,294	29,302	29,312	29,312	29,314	29,320
Civilian labor force	18,527	18,510	18,528	18,555	18,513	18,526	18,521	18,492	18,587	18,623	18,561	18,558	18,511
Employed	17,104	17,080	17,028	16,969	16,879	16,957	16,960	16,978	17,098	17,123	17,087	17,141	17,146
Unemployed	1,423	1,430	1,500	1,586	1,635	1,569	1,562	1,514	1,489	1,500	1,474	1,417	1,365
Unemployment rate	7.7	7.7	8.1	8.5	8.8	8.5	8.4	8.2	8.0	8.1	7.9	7.6	7.4
SOUTH													
Civilian noninstitutional population ²	65,580	65,641	65,701	65,762	65,831	65,898	65,962	66,036	66,108	66,186	66,241	66,302	66,372
Civilian labor force	42,965	43,040	43,068	43,328	43,233	43,178	43,135	43,109	43,161	43,249	43,099	43,460	43,417
Employed	39,772	39,980	40,008	40,136	40,092	40,058	40,092	40,053	40,184	40,313	40,176	40,667	40,465
Unemployed	3,193	3,060	3,060	3,192	3,141	3,120	3,083	3,017	2,977	2,936	2,923	2,792	2,952
Unemployment rate	7.4	7.1	7.1	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.8	6.4	6.8
South Atlantic													
Civilian noninstitutional population ²	33,913	33,954	33,994	34,038	34,083	34,126	34,170	34,220	34,265	34,317	34,355	34,396	34,441
Civilian labor force	22,340	22,419	22,412	22,515	22,532	22,469	22,460	22,448	22,480	22,577	22,588	22,815	22,729
Employed	20,634	20,830	20,843	20,930	20,907	20,826	20,868	20,906	20,949	21,140	21,100	21,360	21,226
Unemployed	1,706	1,589	1,569	1,585	1,625	1,644	1,592	1,542	1,531	1,437	1,488	1,456	1,502
Unemployment rate	7.6	7.1	7.0	7.0	7.2	7.3	7.1	6.9	6.8	6.4	6.6	6.4	6.6
East South Central													
Civilian noninstitutional population ²	11,687	11,693	11,699	11,703	11,711	11,718	11,724	11,731	11,740	11,748	11,753	11,759	11,766
Civilian labor force	7,213	7,210	7,256	7,360	7,362	7,370	7,359	7,345	7,383	7,390	7,298	7,404	7,429
Employed	6,704	6,716	6,730	6,819	6,837	6,854	6,868	6,843	6,883	6,872	6,819	6,981	6,883
Unemployed	509	494	526	541	525	516	491	502	500	518	479	423	546
Unemployment rate	7.1	6.9	7.2	7.3	7.1	7.0	6.7	6.8	6.8	7.0	6.6	5.7	7.3
West South Central													
Civilian noninstitutional population ²	19,980	19,994	20,008	20,021	20,038	20,053	20,068	20,085	20,103	20,122	20,133	20,147	20,164
Civilian labor force	13,413	13,411	13,401	13,453	13,339	13,338	13,317	13,316	13,298	13,283	13,212	13,240	13,260
Employed	12,435	12,434	12,435	12,387	12,348	12,378	12,317	12,343	12,352	12,301	12,257	12,327	12,356
Unemployed	978	977	966	1,066	991	960	1,000	973	946	982	955	913	904
Unemployment rate	7.3	7.3	7.2	7.9	7.4	7.2	7.5	7.3	7.1	7.4	7.2	6.9	6.8

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		
	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
MIDWEST													
Civilian noninstitutional population ²	45,829	45,846	45,858	45,877	45,895	45,917	45,936	45,962	45,987	46,014	46,028	46,042	46,064
Civilian labor force	31,201	31,086	31,274	31,260	31,422	31,439	31,389	31,221	31,243	31,373	31,316	31,208	31,190
Employed	29,145	29,009	29,138	29,093	29,278	29,410	29,352	29,307	29,343	29,430	29,374	29,224	29,315
Unemployed	2,057	2,077	2,136	2,167	2,145	2,029	2,037	1,914	1,900	1,944	1,942	1,985	1,875
Unemployment rate	6.6	6.7	6.8	6.9	6.8	6.5	6.5	6.1	6.1	6.2	6.2	6.4	6.0
East North Central													
Civilian noninstitutional population ²	32,319	32,331	32,340	32,353	32,367	32,383	32,397	32,415	32,433	32,453	32,461	32,473	32,489
Civilian labor force	21,682	21,550	21,781	21,820	21,861	21,884	21,839	21,675	21,678	21,792	21,722	21,640	21,696
Employed	20,090	19,952	20,136	20,137	20,168	20,307	20,250	20,202	20,213	20,303	20,279	20,176	20,320
Unemployed	1,592	1,597	1,645	1,683	1,693	1,577	1,588	1,473	1,465	1,489	1,443	1,464	1,376
Unemployment rate	7.3	7.4	7.6	7.7	7.7	7.2	7.3	6.8	6.8	6.8	6.6	6.8	6.3
West North Central													
Civilian noninstitutional population ²	13,510	13,515	13,518	13,523	13,529	13,533	13,539	13,547	13,554	13,562	13,567	13,569	13,575
Civilian labor force	9,520	9,536	9,493	9,440	9,561	9,555	9,550	9,546	9,565	9,581	9,594	9,568	9,494
Employed	9,055	9,056	9,003	8,956	9,110	9,104	9,101	9,105	9,130	9,127	9,095	9,048	8,995
Unemployed	464	480	491	484	452	452	449	441	435	454	499	521	500
Unemployment rate	4.9	5.0	5.2	5.1	4.7	4.7	4.7	4.6	4.5	4.7	5.2	5.4	5.3
WEST													
Civilian noninstitutional population ²	40,153	40,214	40,277	40,340	40,409	40,478	40,544	40,616	40,687	40,761	40,824	40,886	40,955
Civilian labor force	26,903	26,845	26,972	27,022	27,169	27,108	27,159	27,066	27,210	27,212	27,218	27,306	27,327
Employed	24,771	24,851	24,885	24,842	24,993	24,829	24,925	24,760	24,879	24,911	24,965	25,026	25,096
Unemployed	2,132	1,994	2,087	2,180	2,176	2,279	2,234	2,306	2,331	2,301	2,252	2,280	2,230
Unemployment rate	7.9	7.4	7.7	8.1	8.0	8.4	8.2	8.5	8.6	8.5	8.3	8.3	8.2
Mountain													
Civilian noninstitutional population ²	10,162	10,172	10,183	10,194	10,208	10,221	10,232	10,247	10,259	10,274	10,286	10,296	10,310
Civilian labor force	6,921	6,909	6,880	6,843	6,856	6,789	6,877	6,864	6,894	6,911	6,945	6,848	6,934
Employed	6,458	6,465	6,433	6,398	6,419	6,353	6,437	6,436	6,467	6,470	6,488	6,452	6,499
Unemployed	463	444	447	445	436	436	440	428	427	441	457	396	435
Unemployment rate	6.7	6.4	6.5	6.5	6.4	6.4	6.4	6.2	6.2	6.4	6.6	5.8	6.3
Pacific													
Civilian noninstitutional population ²	29,991	30,042	30,094	30,145	30,202	30,256	30,312	30,369	30,428	30,488	30,538	30,590	30,645
Civilian labor force	19,981	19,936	20,092	20,179	20,314	20,319	20,282	20,202	20,316	20,301	20,273	20,458	20,392
Employed	18,313	18,387	18,452	18,445	18,574	18,476	18,489	18,325	18,412	18,441	18,477	18,575	18,598
Unemployed	1,669	1,549	1,640	1,734	1,740	1,843	1,794	1,878	1,904	1,860	1,796	1,884	1,795
Unemployment rate	8.4	7.8	8.2	8.6	8.6	9.1	8.8	9.3	9.4	9.2	8.9	9.2	8.8

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	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P
Alabama													
Civilian labor force	1,924.2	1,895.5	1,901.7	1,918.0	1,941.0	1,955.1	1,972.4	1,943.3	1,930.7	1,939.4	1,919.8	1,971.1	1,970.5
Employed	1,781.5	1,757.2	1,758.6	1,762.7	1,784.1	1,799.7	1,832.5	1,816.5	1,812.9	1,812.2	1,788.5	1,810.5	1,821.6
Unemployed	142.7	138.2	143.0	155.3	156.8	155.4	139.9	126.8	117.8	127.1	131.3	160.6	149.0
Unemployment rate	7.4	7.3	7.5	8.1	8.1	7.9	7.1	6.5	6.1	6.6	6.8	8.1	7.6
Alaska													
Civilian labor force	256.5	258.7	258.5	260.2	263.4	265.7	264.1	265.6	262.3	264.9	262.8	263.6	264.3
Employed	233.1	236.0	236.5	236.3	238.2	239.3	237.8	243.3	237.2	241.0	241.2	241.4	242.8
Unemployed	23.4	22.7	22.0	23.9	25.2	26.4	26.2	22.4	25.1	23.9	21.6	22.2	21.4
Unemployment rate	9.1	8.8	8.5	9.2	9.6	9.9	9.9	8.4	9.6	9.0	8.2	8.4	8.1
Arizona													
Civilian labor force	1,739.1	1,730.7	1,731.1	1,698.3	1,725.0	1,733.7	1,696.5	1,740.4	1,736.8	1,726.0	1,743.5	1,774.5	1,734.1
Employed	1,594.2	1,586.4	1,600.3	1,576.9	1,601.3	1,614.9	1,584.8	1,627.3	1,613.6	1,603.1	1,616.4	1,638.3	1,606.6
Unemployed	144.9	144.4	130.8	121.4	123.8	118.8	111.7	113.1	123.3	122.8	127.2	136.3	127.5
Unemployment rate	8.3	8.3	7.6	7.2	7.2	6.9	6.6	6.5	7.1	7.1	7.3	7.7	7.4
Arkansas													
Civilian labor force	1,143.7	1,165.4	1,178.3	1,167.2	1,154.6	1,169.2	1,159.0	1,152.2	1,152.1	1,118.6	1,118.4	1,106.1	1,118.1
Employed	1,062.6	1,089.4	1,088.6	1,086.0	1,066.4	1,085.6	1,077.7	1,067.7	1,069.2	1,035.3	1,034.9	1,024.7	1,043.7
Unemployed	81.1	76.0	89.7	81.2	88.2	83.6	81.3	84.5	82.9	83.4	83.5	81.4	74.4
Unemployment rate	7.1	6.5	7.6	7.0	7.6	7.2	7.0	7.3	7.2	7.5	7.5	7.4	6.7
California¹													
Civilian labor force	15,109.6	15,086.4	14,986.5	15,120.3	15,227.3	15,247.0	15,313.1	15,283.8	15,211.4	15,282.9	15,365.5	15,242.3	15,405.1
Employed	13,795.6	13,807.6	13,764.3	13,797.0	13,830.1	13,861.2	13,830.7	13,837.2	13,721.7	13,757.4	13,862.5	13,801.4	13,898.8
Unemployed	1,314.0	1,278.8	1,222.2	1,323.3	1,397.2	1,385.8	1,482.4	1,446.6	1,489.7	1,525.5	1,503.0	1,440.9	1,506.4
Unemployment rate	8.7	8.5	8.2	8.8	9.2	9.1	9.7	9.5	9.8	10.0	9.8	9.5	9.8
Colorado													
Civilian labor force	1,759.6	1,762.0	1,769.2	1,761.6	1,774.1	1,764.1	1,766.0	1,762.3	1,777.2	1,769.2	1,769.5	1,799.7	1,783.8
Employed	1,659.6	1,665.4	1,670.6	1,643.6	1,653.2	1,653.8	1,658.6	1,664.4	1,681.9	1,674.8	1,672.7	1,696.9	1,683.2
Unemployed	100.0	96.6	98.7	118.1	120.9	110.3	107.4	97.9	95.3	94.4	96.8	102.8	100.6
Unemployment rate	5.7	5.5	5.6	6.7	6.8	6.3	6.1	5.6	5.4	5.3	5.5	5.7	5.6
Connecticut													
Civilian labor force	1,812.6	1,783.9	1,764.2	1,770.6	1,742.0	1,779.3	1,799.1	1,778.7	1,806.3	1,802.5	1,782.7	1,756.8	1,742.7
Employed	1,677.9	1,656.0	1,638.0	1,649.4	1,617.3	1,656.7	1,675.8	1,650.9	1,680.8	1,670.1	1,650.7	1,633.7	1,626.1
Unemployed	134.7	127.9	126.2	121.1	124.7	122.7	123.2	127.8	125.5	132.4	132.0	123.0	116.5
Unemployment rate	7.4	7.2	7.2	6.8	7.2	6.9	6.9	7.2	6.9	7.3	7.4	7.0	6.7
Delaware													
Civilian labor force	367.9	365.4	369.3	366.3	367.6	366.9	369.1	371.1	371.8	375.5	375.8	378.2	378.8
Employed	351.5	342.9	348.3	345.7	342.2	345.2	348.7	352.5	350.5	359.0	358.7	361.8	359.3
Unemployed	16.5	22.5	21.0	20.7	25.3	21.8	20.4	18.7	21.3	16.5	17.1	16.4	19.5
Unemployment rate	4.5	6.1	5.7	5.6	6.9	5.9	5.5	5.0	5.7	4.4	4.5	4.3	5.2
District of Columbia													
Civilian labor force	284.8	285.9	288.1	281.6	281.7	276.2	273.5	273.1	271.7	268.6	267.0	264.9	271.2
Employed	262.4	262.4	266.5	257.5	258.2	251.4	249.3	250.3	249.5	243.9	243.2	239.6	247.8
Unemployed	22.4	23.5	21.6	24.1	23.5	24.8	24.2	22.8	22.3	24.7	23.8	25.4	23.4
Unemployment rate	7.9	8.2	7.5	8.5	8.3	9.0	8.9	8.3	8.2	9.2	8.9	9.6	8.6
Florida¹													
Civilian labor force	6,484.8	6,479.3	6,510.4	6,539.8	6,581.0	6,619.9	6,590.1	6,628.2	6,592.4	6,572.6	6,586.1	6,643.8	6,713.9
Employed	5,937.8	5,935.6	5,967.8	6,013.7	6,028.8	6,061.6	6,029.6	6,051.6	6,090.6	6,068.1	6,109.2	6,124.8	6,262.6
Unemployed	547.0	543.7	542.6	526.1	552.2	558.3	560.5	576.6	501.8	504.5	476.9	519.0	451.3
Unemployment rate	8.4	8.4	8.3	8.0	8.4	8.4	8.5	8.7	7.6	7.7	7.2	7.8	6.7

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	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P	
Georgia														
Civilian labor force	3,216.6	3,228.3	3,219.1	3,234.6	3,220.8	3,234.9	3,226.2	3,206.3	3,232.7	3,239.5	3,239.4	3,275.8	3,279.3	
Employed	3,005.8	3,014.0	3,025.9	3,033.1	3,018.1	3,005.5	2,993.2	3,002.7	3,002.3	3,020.8	3,033.3	3,059.2	3,067.3	
Unemployed	210.8	214.3	193.2	201.4	202.7	229.4	232.9	203.6	230.5	218.6	206.1	216.7	212.0	
Unemployment rate	6.6	6.6	6.0	6.2	6.3	7.1	7.2	6.3	7.1	6.7	6.4	6.6	6.5	
Hawaii														
Civilian labor force	562.4	561.7	561.4	559.5	566.1	571.8	570.8	570.3	569.7	574.6	577.6	577.1	569.3	
Employed	542.2	542.2	540.3	536.5	540.2	545.2	546.2	544.5	542.0	546.2	550.9	550.6	542.4	
Unemployed	20.3	19.4	21.2	23.0	25.9	26.6	24.6	25.8	27.7	28.4	26.7	26.5	27.0	
Unemployment rate	3.6	3.5	3.8	4.1	4.6	4.7	4.3	4.5	4.9	4.9	4.6	4.6	4.7	
Idaho														
Civilian labor force	506.9	509.1	513.0	513.3	512.7	518.2	523.8	525.1	522.3	524.2	521.9	520.7	516.7	
Employed	474.1	476.8	480.1	483.3	481.2	487.0	490.5	489.9	489.2	491.2	486.7	485.7	483.4	
Unemployed	32.8	32.3	32.9	30.0	31.5	31.2	33.3	35.2	33.1	32.9	35.2	35.1	33.2	
Unemployment rate	6.5	6.3	6.4	5.8	6.1	6.0	6.4	6.7	6.3	6.3	6.7	6.7	6.4	
Illinois¹														
Civilian labor force	6,083.5	6,088.5	6,056.8	6,164.7	6,186.5	6,099.4	6,071.8	6,126.1	6,109.5	6,137.7	6,205.2	6,060.9	6,039.0	
Employed	5,569.4	5,603.3	5,578.4	5,660.2	5,667.4	5,598.4	5,665.5	5,698.0	5,749.2	5,739.2	5,773.4	5,668.2	5,559.6	
Unemployed	514.1	485.2	478.4	504.5	519.1	501.0	406.3	428.1	360.3	398.5	431.8	392.8	479.4	
Unemployment rate	8.5	8.0	7.9	8.2	8.4	8.2	6.7	7.0	5.9	6.5	7.0	6.5	7.9	
Indiana														
Civilian labor force	2,821.7	2,803.4	2,799.1	2,804.5	2,855.4	2,915.3	2,894.3	2,885.4	2,845.6	2,820.9	2,817.3	2,801.0	2,828.1	
Employed	2,672.5	2,653.2	2,637.9	2,620.2	2,663.0	2,722.8	2,710.2	2,696.0	2,678.4	2,637.3	2,638.8	2,623.8	2,654.7	
Unemployed	149.2	150.1	161.1	184.3	192.4	192.5	184.1	189.3	167.3	183.6	178.5	177.2	173.4	
Unemployment rate	5.3	5.4	5.8	6.6	6.7	6.6	6.4	6.6	5.9	6.5	6.3	6.3	6.1	
Iowa														
Civilian labor force	1,542.4	1,551.5	1,524.7	1,532.9	1,531.7	1,534.9	1,550.4	1,544.0	1,532.7	1,545.0	1,557.9	1,566.0	1,571.7	
Employed	1,480.0	1,479.4	1,449.6	1,447.0	1,453.7	1,465.4	1,492.6	1,480.5	1,469.1	1,484.5	1,491.1	1,495.8	1,503.8	
Unemployed	62.4	72.2	75.1	85.9	78.0	69.4	57.8	63.5	63.6	60.5	66.7	70.2	67.9	
Unemployment rate	4.0	4.7	4.9	5.6	5.1	4.5	3.7	4.1	4.1	3.9	4.3	4.5	4.3	
Kansas														
Civilian labor force	1,318.5	1,321.5	1,323.4	1,324.5	1,310.8	1,317.1	1,328.0	1,329.0	1,327.6	1,324.1	1,329.7	1,337.6	1,342.1	
Employed	1,271.3	1,274.3	1,273.7	1,270.7	1,253.9	1,266.7	1,274.3	1,272.7	1,273.5	1,267.8	1,274.4	1,280.5	1,281.2	
Unemployed	47.2	47.1	49.7	53.7	56.9	50.4	53.6	56.3	54.1	56.3	55.2	57.1	61.0	
Unemployment rate	3.6	3.6	3.8	4.1	4.3	3.8	4.0	4.2	4.1	4.3	4.2	4.3	4.5	
Kentucky														
Civilian labor force	1,755.0	1,743.6	1,742.0	1,736.2	1,744.8	1,749.0	1,755.4	1,747.7	1,746.6	1,743.9	1,757.2	1,767.3	1,765.5	
Employed	1,629.2	1,635.8	1,645.4	1,639.2	1,636.0	1,626.8	1,626.4	1,627.1	1,622.2	1,635.0	1,642.7	1,658.3	1,670.5	
Unemployed	132.8	137.7	156.9	196.6	197.0	108.7	122.2	129.0	124.3	108.9	114.4	109.0	95.0	
Unemployment rate	7.2	6.2	5.5	5.6	6.2	7.0	7.3	6.9	7.1	6.2	6.5	6.2	5.4	
Louisiana														
Civilian labor force	1,951.3	1,954.0	1,966.7	1,948.7	1,968.4	1,931.1	1,928.9	1,911.0	1,916.9	1,915.3	1,878.1	1,892.3	1,899.1	
Employed	1,818.5	1,819.3	1,809.8	1,809.8	1,816.7	1,767.5	1,776.9	1,746.6	1,764.7	1,769.0	1,726.0	1,739.8	1,766.3	
Unemployed	132.8	134.7	156.9	138.9	151.7	163.6	152.0	164.3	152.3	146.4	152.1	152.5	132.8	
Unemployment rate	6.8	6.9	8.0	7.1	7.7	8.5	7.9	8.6	7.9	7.6	8.1	8.1	7.0	
Maine														
Civilian labor force	647.8	649.6	650.3	659.1	655.1	655.5	658.1	658.3	657.0	665.4	659.3	660.0	653.9	
Employed	596.2	602.5	601.3	620.7	608.6	613.6	612.4	613.4	614.6	616.7	611.1	608.4	600.2	
Unemployed	51.6	47.2	49.0	38.3	46.6	41.9	45.7	44.9	42.4	48.6	48.2	51.6	53.7	
Unemployment rate	8.0	7.3	7.5	5.8	7.1	6.4	6.9	6.8	6.5	7.3	7.3	7.8	8.2	

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1992											1993	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^a
Maryland													
Civilian labor force	2,561.5	2,555.9	2,606.9	2,605.6	2,629.8	2,640.0	2,638.1	2,628.4	2,611.0	2,606.3	2,628.9	2,611.0	2,635.7
Employed	2,382.6	2,367.5	2,429.0	2,423.1	2,448.9	2,463.7	2,461.3	2,448.1	2,436.1	2,436.7	2,467.8	2,458.2	2,476.1
Unemployed	178.9	188.4	177.8	182.5	180.9	176.3	176.8	180.3	174.9	169.6	161.1	152.8	159.6
Unemployment rate	7.0	7.4	6.8	7.0	6.9	6.7	6.7	6.9	6.7	6.5	6.1	5.9	6.1
Massachusetts¹													
Civilian labor force	3,125.9	3,137.8	3,106.2	3,123.6	3,141.5	3,144.0	3,117.6	3,107.1	3,105.8	3,129.4	3,139.3	3,200.2	3,142.7
Employed	2,881.7	2,858.5	2,842.9	2,862.9	2,868.7	2,880.7	2,855.3	2,841.2	2,843.4	2,852.4	2,868.1	2,936.6	2,901.4
Unemployed	244.2	279.3	263.3	260.7	272.8	263.3	262.3	265.9	262.4	277.0	271.2	263.6	241.3
Unemployment rate	7.8	8.9	8.5	8.3	8.7	8.4	8.4	8.6	8.4	8.9	8.6	8.2	7.7
Michigan¹													
Civilian labor force	4,594.4	4,616.2	4,580.3	4,616.2	4,593.4	4,628.8	4,626.7	4,628.7	4,615.5	4,625.8	4,608.5	4,589.7	4,583.5
Employed	4,175.9	4,189.9	4,156.6	4,212.9	4,186.4	4,205.5	4,217.2	4,226.3	4,219.3	4,255.9	4,239.1	4,264.1	4,274.1
Unemployed	418.5	426.3	423.7	403.3	407.0	423.3	409.5	402.4	396.2	369.9	369.4	325.6	309.4
Unemployment rate	9.1	9.2	9.3	8.7	8.9	9.1	8.9	8.7	8.6	8.0	8.0	7.1	6.8
Minnesota													
Civilian labor force	2,404.9	2,401.2	2,428.3	2,443.1	2,409.0	2,447.6	2,420.0	2,434.0	2,424.3	2,434.3	2,473.6	2,509.4	2,481.6
Employed	2,295.5	2,266.9	2,314.3	2,305.9	2,273.6	2,341.2	2,303.6	2,321.8	2,313.2	2,306.5	2,351.7	2,376.8	2,339.0
Unemployed	109.4	134.3	114.0	137.2	135.3	106.4	116.4	112.2	111.0	127.8	121.9	132.7	142.5
Unemployment rate	4.5	5.6	4.7	5.6	5.6	4.3	4.8	4.6	4.6	5.3	4.9	5.3	5.7
Mississippi													
Civilian labor force	1,167.1	1,167.3	1,157.7	1,158.9	1,186.2	1,189.9	1,198.4	1,203.0	1,189.9	1,190.5	1,174.5	1,169.2	1,171.8
Employed	1,071.2	1,074.2	1,065.2	1,057.5	1,074.8	1,085.2	1,091.4	1,103.7	1,094.7	1,109.3	1,097.1	1,098.9	1,098.6
Unemployed	95.9	93.1	92.5	101.3	111.5	104.7	107.0	99.3	95.2	81.2	77.4	70.3	73.2
Unemployment rate	8.2	8.0	8.0	8.7	9.4	8.8	8.9	8.3	8.0	6.8	6.6	6.0	6.2
Missouri													
Civilian labor force	2,735.0	2,727.4	2,739.7	2,696.6	2,697.3	2,716.3	2,690.3	2,676.5	2,681.4	2,689.8	2,657.3	2,655.9	2,625.1
Employed	2,589.5	2,579.3	2,580.6	2,515.2	2,511.0	2,539.4	2,522.8	2,510.0	2,530.6	2,557.4	2,512.7	2,502.5	2,464.3
Unemployed	145.5	148.1	159.1	181.4	186.3	177.0	167.6	166.5	150.8	132.3	144.6	153.4	160.8
Unemployment rate	5.3	5.4	5.8	6.7	6.9	6.5	6.2	6.2	5.6	4.9	5.4	5.8	6.1
Montana													
Civilian labor force	412.3	415.4	414.9	412.7	411.7	410.8	406.6	408.3	411.5	414.4	409.8	406.8	402.9
Employed	382.1	389.3	388.5	384.4	381.4	386.0	377.7	380.4	387.3	391.5	383.2	377.9	374.7
Unemployed	30.2	26.1	26.4	28.3	30.3	24.8	28.9	27.9	24.1	22.9	26.6	28.9	28.2
Unemployment rate	7.3	6.3	6.4	6.9	7.4	6.0	7.1	6.8	5.9	5.5	6.5	7.1	7.0
Nebraska													
Civilian labor force	856.3	848.8	848.5	861.3	867.1	873.8	867.3	856.6	853.1	843.8	847.7	849.0	857.6
Employed	835.1	827.1	824.9	832.3	837.1	847.5	839.2	830.7	827.0	821.9	824.0	825.3	834.0
Unemployed	21.2	21.8	23.6	29.0	29.9	26.4	28.1	25.8	26.1	21.9	23.6	23.7	23.5
Unemployment rate	2.5	2.6	2.8	3.4	3.5	3.0	3.2	3.0	3.1	2.6	2.8	2.8	2.7
Nevada													
Civilian labor force	668.0	670.2	666.3	666.1	666.1	675.2	676.5	675.5	680.0	684.5	679.2	682.6	679.1
Employed	622.1	626.5	626.3	627.7	622.1	627.6	627.8	628.2	635.1	641.1	637.5	634.7	633.6
Unemployed	45.9	43.6	40.0	38.3	44.0	47.6	48.7	47.3	44.9	43.4	41.7	47.9	45.5
Unemployment rate	6.9	6.5	6.0	5.8	6.6	7.0	7.2	7.0	6.6	6.3	6.1	7.0	6.7
New Hampshire													
Civilian labor force	639.7	638.3	638.4	628.5	617.8	619.0	629.9	627.3	632.7	643.9	641.5	645.8	657.1
Employed	594.3	593.1	589.4	581.1	570.7	574.4	584.5	579.9	585.8	596.8	595.2	594.0	601.8
Unemployed	45.4	45.1	49.0	47.4	47.1	44.6	45.4	47.4	46.9	47.1	46.3	51.9	55.4
Unemployment rate	7.1	7.1	7.7	7.5	7.6	7.2	7.2	7.6	7.4	7.3	7.2	8.0	8.4

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	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^a
New Jersey¹													
Civilian labor force	4,025.9	4,024.8	4,028.0	4,018.9	3,996.9	3,989.7	3,947.2	3,981.6	3,974.0	3,998.4	4,008.2	3,929.8	3,914.9
Employed	3,717.0	3,733.0	3,709.8	3,669.0	3,639.7	3,607.1	3,583.8	3,624.5	3,649.0	3,650.6	3,676.3	3,640.2	3,608.8
Unemployed	308.9	291.8	318.2	349.9	357.2	382.6	363.4	357.1	325.0	347.8	331.9	289.7	306.2
Unemployment rate	7.7	7.3	7.9	8.7	8.9	9.6	9.2	9.0	8.2	8.7	8.3	7.4	7.8
New Mexico													
Civilian labor force	729.7	727.6	720.9	719.6	720.6	719.8	718.9	722.0	725.7	726.0	723.2	728.2	732.5
Employed	675.3	675.8	671.2	670.3	667.9	669.2	669.0	669.9	674.9	679.1	679.6	680.6	683.4
Unemployed	54.4	51.8	49.7	49.3	52.7	50.6	49.9	52.2	50.8	46.9	43.6	47.6	49.1
Unemployment rate	7.5	7.1	6.9	6.9	7.3	7.0	6.9	7.2	7.0	6.5	6.0	6.5	6.7
New York¹													
Civilian labor force	8,464.9	8,526.3	8,522.7	8,526.5	8,577.4	8,546.5	8,539.1	8,510.4	8,470.1	8,531.0	8,583.9	8,607.4	8,634.6
Employed	7,728.2	7,834.5	7,868.2	7,835.9	7,802.6	7,748.7	7,811.2	7,761.4	7,733.3	7,830.8	7,858.2	7,876.6	7,946.3
Unemployed	736.7	691.8	654.5	690.6	774.8	797.8	727.9	749.0	736.8	700.2	725.7	730.8	688.4
Unemployment rate	8.7	8.1	7.7	8.1	9.0	9.3	8.5	8.8	8.7	8.2	8.5	8.5	8.0
North Carolina¹													
Civilian labor force	3,450.9	3,464.7	3,452.1	3,463.1	3,495.4	3,506.3	3,503.2	3,500.1	3,510.2	3,529.9	3,521.4	3,524.0	3,504.4
Employed	3,238.9	3,249.5	3,261.1	3,261.3	3,275.8	3,290.9	3,288.5	3,293.4	3,313.0	3,322.8	3,324.5	3,332.1	3,321.3
Unemployed	212.0	215.2	191.0	201.8	219.6	215.4	214.7	206.7	197.2	207.1	196.9	191.9	183.1
Unemployment rate	6.1	6.2	5.5	5.8	6.3	6.1	6.1	5.9	5.6	5.9	5.6	5.4	5.2
North Dakota													
Civilian labor force	316.0	319.8	320.6	320.2	318.1	310.7	307.4	314.3	312.8	315.1	313.8	313.8	314.9
Employed	302.7	305.0	306.9	303.3	301.3	294.8	291.9	298.8	298.0	300.4	299.4	300.0	300.8
Unemployed	13.2	14.8	13.7	16.8	16.8	16.0	15.5	15.5	14.8	14.7	14.4	13.7	14.2
Unemployment rate	4.2	4.6	4.3	5.3	5.3	5.1	5.1	4.9	4.7	4.7	4.6	4.4	4.5
Ohio¹													
Civilian labor force	5,472.6	5,515.4	5,471.2	5,517.5	5,466.7	5,550.6	5,548.9	5,522.7	5,457.3	5,420.2	5,438.6	5,507.6	5,494.8
Employed	5,087.4	5,124.4	5,086.5	5,118.3	5,058.0	5,142.0	5,133.7	5,126.6	5,057.3	5,014.8	5,043.4	5,121.8	5,126.2
Unemployed	385.2	391.0	384.7	399.2	408.7	408.6	415.2	396.1	400.0	405.4	395.2	385.9	368.6
Unemployment rate	7.0	7.1	7.0	7.2	7.5	7.4	7.5	7.2	7.3	7.5	7.3	7.0	6.7
Oklahoma													
Civilian labor force	1,512.7	1,518.4	1,531.1	1,528.2	1,524.3	1,530.2	1,518.4	1,522.6	1,525.5	1,534.0	1,543.2	1,533.9	1,527.6
Employed	1,417.6	1,417.1	1,440.1	1,443.7	1,416.7	1,436.1	1,417.9	1,429.7	1,447.1	1,462.2	1,460.5	1,450.7	1,450.0
Unemployed	95.1	101.3	91.0	84.5	107.6	94.1	100.5	92.9	78.4	71.9	82.7	83.2	77.6
Unemployment rate	6.3	6.7	5.9	5.5	7.1	6.1	6.6	6.1	5.1	4.7	5.4	5.4	5.1
Oregon													
Civilian labor force	1,509.0	1,523.0	1,526.1	1,545.2	1,540.3	1,534.4	1,545.3	1,553.2	1,544.9	1,546.6	1,531.7	1,546.3	1,564.9
Employed	1,394.5	1,400.8	1,411.1	1,436.4	1,430.5	1,419.0	1,434.2	1,443.6	1,431.1	1,435.4	1,421.8	1,433.6	1,450.5
Unemployed	114.5	122.2	115.0	108.8	109.7	115.4	111.2	109.7	113.8	111.2	109.8	112.6	114.4
Unemployment rate	7.6	8.0	7.5	7.0	7.1	7.5	7.2	7.1	7.4	7.2	7.2	7.3	7.3
Pennsylvania¹													
Civilian labor force	5,993.1	5,975.9	5,959.4	5,982.3	5,980.7	5,976.8	6,039.7	6,029.3	6,048.2	6,057.4	6,030.6	6,023.6	6,008.1
Employed	5,543.1	5,536.4	5,502.4	5,523.3	5,526.9	5,522.7	5,562.4	5,573.9	5,595.9	5,616.2	5,588.4	5,570.3	5,585.6
Unemployed	450.0	439.5	457.0	459.0	453.8	454.1	477.3	455.4	452.3	441.2	442.2	453.3	422.5
Unemployment rate	7.5	7.4	7.7	7.7	7.6	7.6	7.9	7.6	7.5	7.3	7.3	7.5	7.0
Rhode Island													
Civilian labor force	519.9	517.3	518.6	518.5	520.2	523.3	523.8	511.8	511.5	521.0	517.8	531.9	526.3
Employed	479.9	475.2	470.2	470.4	469.5	474.8	474.4	468.0	469.2	477.1	477.1	489.7	485.8
Unemployed	40.0	42.2	48.3	48.1	50.7	48.5	49.3	43.8	42.3	43.9	40.6	42.2	40.5
Unemployment rate	7.7	8.1	9.3	9.3	9.8	9.3	9.4	8.6	8.3	8.4	7.8	7.9	7.7

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	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P
South Carolina													
Civilian labor force	1,773.7	1,746.4	1,761.1	1,760.4	1,759.1	1,802.5	1,796.5	1,768.6	1,772.6	1,767.7	1,795.6	1,785.6	1,777.0
Employed	1,652.6	1,624.4	1,649.3	1,643.4	1,647.5	1,681.6	1,682.3	1,657.2	1,661.9	1,661.4	1,694.5	1,673.7	1,672.5
Unemployed	121.1	122.0	111.8	117.0	111.7	120.9	114.1	111.5	110.7	106.3	101.1	111.9	104.6
Unemployment rate	6.8	7.0	6.3	6.6	6.3	6.7	6.4	6.3	6.2	6.0	5.6	6.3	5.9
South Dakota													
Civilian labor force	361.3	360.8	358.7	359.6	357.8	358.4	360.6	360.6	360.9	366.8	365.6	366.3	364.5
Employed	350.2	348.0	347.1	346.0	345.1	347.6	350.1	349.6	350.3	356.4	354.2	352.3	350.3
Unemployed	11.0	12.8	11.6	13.5	12.7	10.9	10.6	11.0	10.7	10.4	11.4	14.0	14.2
Unemployment rate	3.1	3.5	3.2	3.8	3.5	3.0	2.9	3.0	3.0	2.8	3.1	3.8	3.9
Tennessee													
Civilian labor force	2,408.7	2,430.8	2,396.0	2,403.3	2,435.3	2,438.0	2,432.4	2,437.0	2,461.6	2,469.3	2,476.3	2,455.3	2,469.4
Employed	2,235.5	2,265.9	2,240.7	2,245.7	2,275.0	2,280.5	2,273.9	2,284.6	2,328.9	2,327.5	2,326.2	2,292.4	2,322.7
Unemployed	173.2	165.0	155.3	157.6	160.4	157.6	158.5	152.5	132.7	141.7	150.0	163.0	146.7
Unemployment rate	7.2	6.8	6.5	6.6	6.6	6.5	6.5	6.3	5.4	5.7	6.1	6.6	5.9
Texas¹													
Civilian labor force	8,707.0	8,742.1	8,727.0	8,737.9	8,787.2	8,732.4	8,736.1	8,753.4	8,756.2	8,747.0	8,798.4	8,762.5	8,716.2
Employed	8,072.6	8,087.8	8,087.8	8,082.0	8,092.5	8,095.6	8,108.3	8,082.6	8,099.0	8,081.5	8,124.3	8,080.5	8,060.3
Unemployed	634.4	654.3	639.2	655.9	694.7	636.8	627.8	670.8	657.2	665.5	674.1	682.0	655.8
Unemployment rate	7.3	7.5	7.3	7.5	7.9	7.3	7.2	7.7	7.5	7.6	7.7	7.8	7.5
Utah													
Civilian labor force	817.2	818.0	819.0	816.9	818.2	817.2	809.6	807.8	807.3	811.5	815.0	822.7	826.6
Employed	780.3	781.5	780.1	778.6	778.6	778.7	766.8	765.8	765.8	768.3	770.7	782.3	793.8
Unemployed	37.0	36.5	38.9	38.3	39.6	38.5	42.8	42.0	41.5	43.2	44.4	40.5	32.7
Unemployment rate	4.5	4.5	4.7	4.7	4.8	4.7	5.3	5.2	5.1	5.3	5.4	4.9	4.0
Vermont													
Civilian labor force	308.0	305.5	309.5	312.1	312.4	313.6	320.2	318.6	316.6	327.3	324.7	322.0	327.2
Employed	289.0	286.8	288.5	289.9	290.5	292.2	299.2	298.0	298.2	307.0	305.4	302.0	306.0
Unemployed	19.0	18.7	21.0	22.2	21.9	21.4	20.9	20.6	18.4	20.4	19.3	20.0	21.2
Unemployment rate	6.2	6.1	6.8	7.1	7.0	6.8	6.5	6.5	5.8	6.2	5.9	6.2	6.5
Virginia													
Civilian labor force	3,360.0	3,388.0	3,390.6	3,394.2	3,391.1	3,385.7	3,342.8	3,322.2	3,320.8	3,315.2	3,324.9	3,347.8	3,375.3
Employed	3,140.4	3,167.4	3,167.5	3,153.5	3,174.3	3,156.1	3,120.9	3,109.3	3,124.4	3,115.5	3,130.3	3,153.4	3,212.5
Unemployed	219.6	220.6	223.0	240.7	216.8	229.6	221.9	213.0	196.3	199.7	194.7	194.4	162.8
Unemployment rate	6.5	6.5	6.6	7.1	6.4	6.8	6.6	6.4	5.9	6.0	5.9	5.8	4.8
Washington													
Civilian labor force	2,547.7	2,534.7	2,601.8	2,622.8	2,598.4	2,645.2	2,594.1	2,597.4	2,594.4	2,633.8	2,568.0	2,615.4	2,639.9
Employed	2,357.1	2,337.7	2,423.9	2,446.5	2,422.1	2,465.5	2,417.5	2,397.6	2,425.2	2,366.0	2,402.8	2,435.9	2,435.9
Unemployed	190.5	197.0	178.0	176.4	176.3	179.7	176.6	179.9	196.8	208.6	202.0	212.5	203.9
Unemployment rate	7.5	7.8	6.8	6.7	6.8	6.8	6.8	6.9	7.6	7.9	7.9	8.1	7.7
West Virginia													
Civilian labor force	792.1	790.8	785.3	787.2	779.7	782.3	767.2	768.4	764.2	765.4	766.1	772.3	776.4
Employed	692.8	691.2	694.1	696.9	690.9	691.9	684.2	681.6	681.3	687.3	685.8	690.3	694.4
Unemployed	99.3	99.6	91.2	90.3	88.8	90.4	83.0	86.8	82.9	78.1	80.3	82.0	82.0
Unemployment rate	12.5	12.6	11.6	11.5	11.4	11.6	10.8	11.3	10.8	10.2	10.5	10.6	10.6
Wisconsin													
Civilian labor force	2,615.6	2,628.1	2,643.6	2,667.5	2,686.4	2,663.4	2,681.8	2,664.0	2,648.1	2,673.4	2,689.6	2,720.4	2,717.5
Employed	2,478.2	2,502.7	2,525.8	2,545.1	2,546.6	2,521.7	2,537.0	2,506.1	2,508.7	2,560.1	2,567.3	2,595.5	2,591.7
Unemployed	137.4	125.3	117.8	122.4	139.8	141.8	144.8	157.9	139.4	113.2	122.3	124.9	125.7
Unemployment rate	5.3	4.8	4.5	4.6	5.2	5.3	5.4	5.9	5.3	4.2	4.5	4.6	4.6
Wyoming													
Civilian labor force	242.8	243.3	243.1	242.0	240.4	241.6	240.3	241.5	240.6	239.1	236.8	236.8	237.1
Employed	225.6	227.2	227.8	228.9	226.8	227.1	227.1	228.5	229.1	228.3	225.9	226.0	225.0
Unemployed	17.2	16.2	15.3	13.1	13.6	14.6	13.1	12.9	11.5	10.8	10.9	10.9	12.1
Unemployment rate	7.1	6.6	6.3	5.4	5.7	6.0	5.5	5.4	4.8	4.5	4.6	4.6	5.1

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 are provisional and will be revised when new benchmark and population information becomes available. Area definitions are published annually in the May issue of this publication.

**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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Alabama	1,909.5	1,945.0	1,957.9	148.8	157.2	154.5	7.8	8.1	7.9
Birmingham	441.5	449.9	452.3	27.7	29.9	29.6	6.3	6.6	6.5
Huntsville	133.2	137.2	138.5	6.5	7.1	7.3	4.9	5.2	5.2
Mobile	223.6	227.4	229.4	17.5	19.4	19.1	7.8	8.5	8.3
Montgomery	137.0	139.8	142.2	8.7	9.0	9.3	6.3	6.4	6.6
Tuscaloosa	74.1	72.8	74.3	4.5	4.5	4.3	6.1	6.2	5.8
Alaska	252.9	256.9	259.1	27.9	26.7	25.3	11.0	10.4	9.8
Anchorage	114.3	118.2	118.7	9.2	9.1	8.4	8.0	7.7	7.1
Arizona	1,720.3	1,759.0	1,718.5	142.0	135.5	127.9	8.3	7.7	7.4
Phoenix	1,048.6	1,063.8	1,038.2	77.4	68.8	65.3	7.4	6.5	6.3
Tucson	320.5	329.5	322.0	18.7	17.8	16.4	5.8	5.4	5.1
Arkansas	1,141.1	1,100.6	1,115.8	87.7	91.2	77.9	7.7	8.3	7.0
Fayetteville-Springdale	64.9	64.7	66.5	2.6	2.6	2.2	4.0	4.0	3.3
Fort Smith	92.6	90.5	91.3	7.2	7.7	6.5	7.8	8.5	7.1
Little Rock-North Little Rock	274.1	263.9	266.6	17.3	16.5	14.1	6.3	6.3	5.3
Pine Bluff	37.8	35.3	35.6	3.9	4.0	3.5	10.4	11.3	9.7
California ¹	14,991.5	15,122.6	15,290.6	1,381.2	1,484.2	1,576.8	9.2	9.8	10.3
Anaheim-Santa Ana	1,344.6	1,378.5	1,385.9	74.6	88.3	90.5	5.5	6.4	6.5
Bakersfield	253.8	266.2	267.8	38.4	42.2	44.8	15.1	15.8	16.7
Fresno	323.4	340.6	340.9	54.1	55.6	61.2	16.7	16.3	17.9
Los Angeles-Long Beach ¹	4,549.0	4,432.0	4,540.0	451.0	462.0	510.0	9.9	10.4	11.2
Modesto	169.9	176.5	179.4	29.7	30.6	34.6	17.5	17.3	19.3
Oakland	1,110.1	1,125.3	1,130.9	67.4	73.9	77.0	6.1	6.6	6.8
Oxnard-Ventura	377.0	384.2	383.6	30.6	34.9	32.6	8.1	9.1	8.5
Riverside-San Bernardino	1,105.6	1,138.6	1,145.6	114.4	128.5	133.0	10.3	11.3	11.6
Sacramento	779.1	790.3	793.0	62.9	65.6	69.4	8.1	8.3	8.7
Salinas-Seaside-Monterey	163.7	173.3	174.2	28.9	31.8	33.4	17.7	18.3	19.2
San Diego	1,183.2	1,199.6	1,201.1	80.1	93.2	95.1	6.8	7.8	7.9
San Francisco	884.3	884.6	884.9	48.2	53.9	55.4	5.5	6.1	6.3
San Jose	823.4	829.5	830.5	53.8	57.0	59.8	6.5	6.9	7.2
Santa Barbara-Santa Maria-Lompoc	184.2	182.1	183.2	15.1	16.7	16.5	8.2	9.1	9.0
Santa Rosa-Petaluma	219.9	220.7	222.6	15.9	16.8	16.9	7.2	7.6	7.6
Stockton	201.1	212.8	214.1	31.8	33.9	36.0	15.8	15.9	16.8
Vallejo-Fairfield-Napa	204.3	213.0	214.1	16.9	19.5	20.6	8.3	9.1	9.6
Colorado	1,743.0	1,774.6	1,763.9	115.8	111.6	115.2	6.6	6.3	6.5
Boulder-Longmont	140.8	146.5	145.6	6.3	6.2	6.4	4.4	4.2	4.4
Denver	883.7	901.6	894.9	55.1	54.9	56.9	6.2	6.1	6.4
Connecticut	1,798.4	1,745.9	1,737.7	147.3	131.8	129.5	8.2	7.5	7.5
Bridgeport-Milford	228.9	224.8	222.3	21.7	19.6	18.9	9.5	8.7	8.5
Hartford	437.9	416.3	414.7	33.5	31.3	31.2	7.7	7.5	7.5
New Britain	74.9	75.4	75.0	8.2	7.3	7.2	11.0	9.7	9.6
New Haven-Meriden	288.4	270.7	271.3	22.7	19.5	18.9	7.9	7.2	7.0
Stamford	115.4	113.3	112.4	6.5	5.8	5.6	5.6	5.1	5.0
Waterbury	104.3	106.3	104.2	12.7	10.9	10.3	12.1	10.3	9.9
Delaware	364.4	376.8	375.6	19.6	19.0	22.1	5.4	5.0	5.9
Wilmington	314.6	319.6	319.5	19.5	17.2	19.6	6.2	5.4	6.1
District of Columbia	281.3	262.5	268.8	23.5	25.9	24.1	8.3	9.9	9.0
Washington	2,214.2	2,223.3	2,253.0	119.2	110.5	106.3	5.4	5.0	4.7
Florida ¹	6,388.9	6,530.5	6,618.5	556.1	515.3	463.3	8.7	7.9	7.0
Daytona Beach	162.2	162.8	166.9	13.6	13.5	11.9	8.4	8.3	7.1
Fort Lauderdale-Hollywood-Pompano Beach	672.9	696.2	704.5	59.6	53.4	47.6	8.9	7.7	6.8
Fort Myers-Cape Coral	155.8	158.5	160.9	12.1	11.4	10.1	7.8	7.2	6.3
Gainesville	111.3	112.1	114.9	5.8	5.5	5.0	5.2	4.9	4.3
Jacksonville	465.1	459.5	466.1	36.6	30.7	28.3	7.9	6.7	6.1
Lakeland-Winter Haven	181.4	181.2	181.8	19.1	18.6	16.6	10.6	10.2	9.1
Melbourne-Titusville-Palm Bay	197.1	195.8	199.1	17.8	16.1	14.8	9.0	8.2	7.4
Miami-Hialeah	951.2	972.0	982.6	103.2	88.8	78.5	10.9	9.1	8.0
Orlando	629.5	662.6	673.9	48.3	46.7	41.6	7.7	7.1	6.2
Pensacola	150.0	153.8	156.5	10.7	9.2	8.5	7.1	6.0	5.5
Sarasota	130.8	130.6	131.8	8.0	7.6	6.5	6.1	5.8	4.9
Tallahassee	137.8	140.4	144.6	6.6	6.1	5.9	4.8	4.4	4.1
Tampa-St. Petersburg-Clearwater	1,014.5	1,036.6	1,052.8	78.3	75.4	69.0	7.7	7.3	6.5
West Palm Beach-Boca Raton-Delray Beach	431.2	442.7	446.8	41.9	39.3	36.2	9.7	8.9	8.1

See footnotes at end of table.

STATE AND AREA LABOR FORCE DATA
NOT SEASONALLY ADJUSTED

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Feb. 1992	Jan. 1993	Feb. 1993 ^a	Feb. 1992	Jan. 1993	Feb. 1993 ^a	Feb. 1992	Jan. 1993	Feb. 1993 ^a
Georgia	3,197.0	3,261.2	3,261.5	212.2	220.4	221.8	6.6	6.8	6.8
Albany	54.0	53.5	53.8	4.2	4.5	4.8	7.8	8.4	8.9
Athens	78.1	75.0	75.4	4.1	4.3	4.3	5.3	5.8	5.7
Atlanta	1,521.4	1,514.1	1,518.9	93.2	95.2	97.0	6.1	6.3	6.4
Augusta	201.8	196.8	196.7	12.5	12.4	12.9	6.2	6.3	6.6
Columbus	98.8	98.5	98.9	6.9	7.3	7.0	7.0	7.4	7.1
Macon-Warner Robins	133.5	128.6	128.8	7.8	8.2	8.3	5.8	6.3	6.4
Savannah	116.8	118.0	118.3	7.2	7.7	7.9	6.2	6.5	6.7
Hawaii	563.6	575.4	570.4	20.8	27.5	27.5	3.7	4.8	4.8
Honolulu	403.8	409.2	406.4	11.9	13.9	14.2	3.0	3.4	3.5
Idaho	501.5	513.6	510.2	39.5	42.1	40.2	7.9	8.2	7.9
Boise City	123.4	129.6	129.0	6.0	6.6	6.1	4.8	5.1	4.8
Illinois ¹	6,064.6	6,028.1	6,021.7	540.9	447.8	506.7	8.9	7.4	8.4
Aurora-Elgin	196.6	196.0	195.6	19.1	15.2	17.5	9.7	7.8	8.9
Bloomington-Normal	77.6	82.1	83.1	4.5	3.8	4.6	5.8	4.7	5.5
Champaign-Urbana-Rantoul	94.2	93.2	95.8	5.0	4.6	5.2	5.3	4.9	5.5
Chicago	3,256.5	3,206.1	3,196.8	271.8	227.9	259.0	8.3	7.1	8.1
Davenport-Rock Island-Moline	182.8	187.7	186.8	13.8	14.5	13.6	7.6	7.7	7.3
Decatur	62.0	62.8	62.9	6.6	5.7	6.5	10.7	9.0	10.3
Joliet	217.5	229.8	229.3	22.8	18.2	20.5	10.5	7.9	8.9
Kankakee	51.2	50.6	50.5	5.5	4.5	5.0	10.6	8.9	9.9
Lake County	320.0	324.3	322.4	19.7	16.9	19.3	6.2	5.2	6.0
Peoria	169.0	171.2	170.3	14.9	12.6	14.0	8.8	7.4	8.2
Rockford	161.5	159.0	159.6	19.8	12.7	16.1	12.3	8.0	10.1
Springfield	116.5	119.2	118.7	7.6	6.5	7.4	6.5	5.4	6.2
Indiana	2,789.0	2,764.6	2,798.0	177.2	195.9	193.0	6.4	7.1	6.9
Anderson	56.3	56.3	56.3	4.7	4.9	4.8	8.3	8.8	8.6
Bloomington	61.2	61.1	62.2	2.5	2.9	2.9	4.1	4.7	4.6
Elkhart-Goshen	87.6	87.2	88.4	5.1	5.2	5.0	5.8	6.0	5.7
Evansville	141.7	141.8	144.1	9.4	9.9	9.8	6.6	7.0	6.8
Fort Wayne	191.8	193.5	194.7	11.2	13.0	12.2	5.8	6.7	6.2
Gary-Hammond	263.6	253.2	256.7	19.8	22.7	22.9	7.5	9.0	8.9
Indianapolis	684.4	670.6	678.7	32.7	36.8	36.1	4.8	5.5	5.3
Kokomo	46.4	46.2	46.8	3.8	3.4	3.3	8.1	7.3	6.9
Lafayette-West Lafayette	69.1	67.9	69.0	2.5	2.9	2.9	3.5	4.3	4.3
Muncie	60.6	59.7	60.2	3.9	4.5	4.3	6.5	7.5	7.2
South Bend-Mishawaka	128.7	124.6	125.8	8.4	8.2	8.3	6.5	6.6	6.6
Terre Haute	62.9	61.6	61.9	3.9	4.5	4.7	6.1	7.4	7.7
Iowa	1,529.5	1,556.2	1,562.9	73.0	79.0	78.0	4.8	5.1	5.0
Cedar Rapids	98.0	100.3	100.4	4.4	4.5	4.4	4.5	4.5	4.4
Des Moines	245.5	254.8	256.7	8.9	10.2	10.4	3.6	4.0	4.0
Dubuque	46.3	47.9	47.9	2.8	2.9	3.0	6.1	6.1	6.4
Iowa City	63.6	65.4	63.6	1.2	1.3	1.2	1.8	2.1	1.9
Sioux City	64.3	64.9	65.0	2.6	2.4	2.3	4.1	3.6	3.6
Waterloo-Cedar Falls	76.1	78.7	79.1	4.3	4.9	4.6	5.6	6.2	5.9
Kansas	1,305.4	1,316.8	1,331.1	51.9	64.5	64.0	4.0	4.9	4.8
Lawrence	45.8	46.5	48.3	1.4	1.9	1.9	3.0	4.0	4.0
Topeka	93.5	94.4	94.8	3.7	4.6	4.5	3.9	4.9	4.7
Wichita	261.8	264.2	265.1	9.8	13.4	13.4	3.7	5.1	5.1
Kentucky	1,725.9	1,741.4	1,737.8	141.9	124.4	112.0	8.2	7.1	6.4
Lexington-Fayette	190.4	196.6	197.6	9.4	8.4	7.4	5.0	4.3	3.8
Louisville	505.6	511.8	512.0	29.6	29.5	26.9	5.9	5.8	5.3
Owensboro	44.6	44.8	44.8	4.0	3.2	3.2	8.9	7.1	7.0
Louisiana	1,906.6	1,841.9	1,850.0	139.9	157.9	134.5	7.3	8.6	7.3
Alexandria	58.1	55.8	56.0	4.0	4.5	3.6	6.9	8.1	6.5
Baton Rouge	278.1	270.2	274.6	14.8	19.0	16.3	5.3	7.0	5.9
Houma-Thibodaux	70.1	65.8	65.3	6.1	6.3	5.3	8.7	9.5	8.1
Lafayette	107.5	101.4	102.9	6.7	7.1	6.1	6.3	7.0	5.9
Lake Charles	81.6	78.9	78.9	6.6	8.1	7.0	8.1	10.3	8.9
Monroe	70.4	66.8	67.1	4.5	5.1	4.4	6.3	7.6	6.5
New Orleans	572.5	548.5	551.4	33.0	40.2	34.5	5.8	7.3	6.3
Shreveport	155.3	152.5	153.1	13.0	11.0	9.5	8.3	7.2	6.2
Maine	639.2	649.8	644.6	59.1	59.7	61.8	9.2	9.2	9.6
Lewiston-Auburn	44.4	44.4	44.4	5.3	4.9	5.1	11.9	11.0	11.4
Portland	133.9	138.2	135.8	8.7	8.1	8.2	6.5	5.8	6.0

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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Maryland	2,532.1	2,567.4	2,599.8	190.8	164.8	173.6	7.5	6.4	6.7
Baltimore	1,202.7	1,205.8	1,219.9	99.5	86.3	91.6	8.3	7.2	7.5
Massachusetts¹	3,115.6	3,150.5	3,131.5	264.2	266.5	261.3	8.5	8.5	8.3
Boston	1,541.5	1,546.3	1,539.0	110.2	109.9	108.1	7.1	7.1	7.0
Brockton	95.9	96.3	95.2	9.6	9.5	9.3	10.1	9.9	9.8
Fall River	76.0	78.5	77.6	9.9	9.9	9.8	13.0	12.6	12.6
Fitchburg-Leominster	47.2	47.4	46.9	4.7	4.3	4.2	10.0	9.0	9.0
Lawrence-Haverhill	186.8	194.8	194.6	17.6	18.8	19.0	9.4	9.6	9.8
Lowell	147.9	149.8	148.2	13.1	14.4	14.1	8.8	9.6	9.5
New Bedford	85.5	87.3	86.7	10.8	11.1	11.1	12.7	12.7	12.8
Pittsfield	41.5	41.5	41.0	4.3	4.1	4.0	10.3	10.0	9.8
Springfield	256.2	254.8	253.7	22.9	24.8	24.7	8.9	9.7	9.7
Worcester	216.2	220.7	221.9	19.0	18.3	17.7	8.8	8.3	8.0
Michigan¹	4,563.7	4,561.7	4,553.5	448.6	356.8	341.5	9.8	7.8	7.5
Ann Arbor	167.5	163.1	164.7	10.2	6.8	6.3	6.1	4.2	3.9
Battle Creek	63.7	63.5	64.4	5.7	4.4	4.2	8.9	6.9	6.6
Benton Harbor	78.4	77.4	77.2	7.8	6.5	6.2	9.9	8.4	8.0
Detroit	2,111.3	2,133.5	2,121.4	204.4	166.8	152.8	9.7	7.8	7.2
Flint	185.7	182.1	181.3	23.1	17.8	17.0	12.5	9.8	9.4
Grand Rapids	389.0	387.1	389.9	30.1	22.7	21.6	7.7	5.9	5.5
Jackson	64.8	64.9	64.6	6.9	5.7	5.5	10.6	8.8	8.5
Kalamazoo	119.9	122.1	122.4	7.4	5.9	5.5	6.1	4.8	4.5
Lansing-East Lansing	242.4	238.8	238.4	15.6	12.2	17.4	6.4	5.1	7.3
Muskegon	66.9	64.9	64.7	8.6	7.0	6.8	12.8	10.8	10.5
Saginaw-Bay City-Midland	188.1	186.4	186.4	17.7	13.8	13.2	9.4	7.4	7.1
Minnesota	2,376.2	2,481.8	2,458.6	125.2	145.4	158.1	5.3	5.9	6.4
Duluth	113.6	117.5	117.0	7.8	9.1	10.1	6.9	7.8	8.6
Minneapolis-St. Paul	1,388.2	1,454.5	1,443.8	61.9	70.0	76.6	4.5	4.8	5.3
Rochester	65.2	67.6	66.7	2.0	2.4	2.7	3.1	3.6	4.1
St. Cloud	107.5	112.2	111.6	6.6	7.8	8.4	6.1	6.9	7.5
Mississippi	1,164.4	1,159.1	1,171.2	100.8	76.1	78.2	8.7	6.6	6.7
Jackson	196.9	196.9	199.8	11.3	9.4	9.8	5.7	4.8	4.9
Missouri	2,726.3	2,648.5	2,626.1	164.3	178.9	175.1	6.0	6.8	6.7
Kansas City	867.4	866.4	867.0	41.9	47.0	46.9	4.8	5.4	5.4
St. Louis LMA	1,288.3	1,256.5	1,249.3	83.6	80.1	82.0	6.5	6.4	6.6
Springfield	136.3	137.2	136.0	6.3	7.6	7.5	4.6	5.6	5.5
Montana	410.5	402.9	402.1	34.1	33.1	32.5	8.3	8.2	8.1
Nebraska	847.7	835.2	849.1	24.4	27.1	25.9	2.9	3.2	3.1
Lincoln	133.1	129.1	131.6	3.0	3.0	3.0	2.2	2.3	2.3
Omaha	340.7	341.5	343.7	10.8	12.5	11.9	3.2	3.6	3.5
Nevada	665.2	678.1	677.1	48.6	50.9	48.8	7.3	7.5	7.2
Las Vegas	418.9	427.8	428.1	30.3	29.2	28.7	7.2	6.8	6.7
Reno	140.5	142.4	141.7	10.4	11.7	10.7	7.4	8.2	7.5
New Hampshire	630.6	642.8	649.9	46.5	53.5	55.9	7.4	8.3	8.6
Manchester	85.8	87.4	86.4	6.3	7.0	7.4	7.4	8.0	8.5
Nashua	99.0	102.0	102.9	7.7	9.1	9.7	7.7	8.9	9.4
Portsmouth-Dover-Rochester	134.9	138.3	139.6	8.5	9.5	9.3	6.3	6.9	6.7
New Jersey¹	4,013.5	3,897.1	3,899.0	326.3	310.3	323.1	8.1	8.0	8.3
Atlantic City	181.4	177.4	177.4	20.5	20.3	20.5	11.3	11.5	11.5
Bergen-Passaic	681.8	656.3	654.9	53.2	51.0	52.5	7.8	7.8	8.0
Jersey City	275.6	259.3	259.4	29.3	29.2	29.7	10.6	11.3	11.4
Middlesex-Somerset-Hunterdon	591.3	576.9	576.0	37.9	36.0	37.7	6.4	6.2	6.5
Monmouth-Ocean	484.1	467.5	467.1	39.5	34.2	35.2	8.2	7.3	7.5
Newark	941.4	905.1	905.8	76.6	72.7	76.0	8.1	8.0	8.4
Trenton	178.8	171.7	171.6	11.8	10.7	10.6	6.6	6.2	6.2
Vineland-Millville-Bridgeton	62.6	60.6	60.5	8.4	8.1	8.0	13.4	13.4	13.3
New Mexico	720.8	712.2	725.0	55.3	46.7	50.2	7.7	6.6	6.9
Albuquerque	270.8	270.2	275.3	13.7	11.9	12.7	5.0	4.4	4.6
Las Cruces	59.1	56.5	58.2	5.0	4.1	4.8	8.5	7.2	8.2
Santa Fe	74.0	73.5	75.0	2.9	2.7	2.6	3.9	3.7	3.5

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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
New York¹	8,412.0	8,562.5	8,579.9	781.2	796.1	733.2	9.3	9.3	8.5
Albany-Schenectady-Troy	429.9	442.1	442.5	31.6	25.3	25.5	7.4	5.7	5.8
Binghamton	119.5	122.1	122.2	9.5	8.7	8.9	7.9	7.1	7.3
Buffalo	452.2	461.6	462.7	39.5	32.0	32.9	8.7	6.9	7.1
Elmira	41.8	42.5	42.3	3.4	2.6	2.7	8.0	6.1	6.3
Glens Falls	53.1	53.1	53.1	6.9	5.4	5.4	13.0	10.2	10.2
Nassau-Suffolk	1,311.6	1,339.5	1,337.7	100.8	84.3	86.4	7.7	6.3	6.5
New York	3,906.4	3,991.8	4,002.9	400.0	483.5	415.6	10.2	12.1	10.4
New York City ¹	3,276.0	3,347.0	3,361.0	356.0	447.0	379.0	10.9	13.4	11.3
Orange County	133.8	141.3	139.4	11.3	9.4	9.4	8.5	6.7	6.8
Poughkeepsie	120.6	119.6	118.4	8.5	7.9	8.0	7.0	6.6	6.7
Rochester	503.8	516.3	515.7	32.1	26.3	27.1	6.4	5.1	5.3
Syracuse	319.2	321.5	324.3	27.1	22.2	22.8	8.5	6.9	7.0
Utica-Rome	134.6	137.9	138.1	12.9	10.6	10.7	9.6	7.7	7.7
North Carolina¹	3,414.9	3,457.7	3,468.1	225.2	216.2	197.0	6.6	6.3	5.7
Asheville	92.9	95.9	96.5	5.5	5.3	4.8	5.9	5.5	4.9
Charlotte-Gastonia-Rock Hill	647.6	651.8	656.0	38.4	35.4	33.5	5.9	5.4	5.1
Greensboro-Winston-Salem-High Point	519.3	534.2	536.2	29.0	27.4	24.7	5.6	5.1	4.6
Raleigh-Durham	428.4	450.4	456.4	18.0	18.8	17.6	4.2	4.2	3.8
North Dakota	307.8	304.2	306.8	15.5	16.1	16.2	5.0	5.3	5.3
Bismarck	46.1	45.6	46.0	2.1	2.4	2.4	4.7	5.3	5.3
Fargo-Moorhead	88.0	89.3	88.9	3.4	3.7	3.8	3.9	4.2	4.3
Grand Forks	34.6	34.4	34.5	1.4	1.3	1.4	3.9	3.6	3.9
Ohio¹	5,400.7	5,437.0	5,420.4	436.4	446.6	423.3	8.1	8.2	7.8
Akron	332.1	338.8	338.2	26.0	26.7	25.2	7.8	7.9	7.5
Canton	193.7	195.7	194.1	17.0	16.6	15.8	8.8	8.5	8.1
Cincinnati	770.6	786.2	784.7	46.2	49.4	46.7	6.0	6.3	6.0
Cleveland	927.5	937.7	933.9	65.0	70.9	68.7	7.0	7.6	7.4
Columbus	736.4	756.9	752.8	41.6	47.7	44.1	5.6	6.3	5.9
Dayton-Springfield	472.7	472.5	469.7	32.6	32.8	30.9	6.9	6.9	6.6
Toledo	305.1	309.4	307.1	28.0	24.8	23.3	9.2	8.0	7.6
Youngstown-Warren	218.9	225.0	222.1	21.5	24.0	22.4	9.8	10.7	10.1
Oklahoma	1,500.5	1,523.7	1,511.8	109.9	97.6	90.8	7.3	6.4	6.0
Enid	27.0	28.0	27.9	1.2	1.3	1.2	4.5	4.5	4.2
Lawton	48.3	51.2	50.7	3.0	3.1	2.8	6.2	6.0	5.5
Oklahoma City	488.7	499.9	496.4	36.5	25.0	23.8	7.5	5.0	4.8
Tulsa	340.2	350.0	347.1	23.1	24.4	22.3	6.8	7.0	6.4
Oregon	1,486.5	1,519.6	1,539.5	125.4	125.4	127.3	8.4	8.3	8.3
Eugene-Springfield	146.5	149.0	151.0	12.3	12.8	13.0	8.4	8.6	8.6
Medford	74.2	77.3	78.4	7.2	7.2	7.5	9.7	9.4	9.6
Portland	694.4	709.4	719.2	46.8	45.5	47.3	6.7	6.4	6.6
Salem	137.4	143.8	146.1	11.3	11.9	11.4	8.2	8.3	7.8
Pennsylvania¹	5,977.0	5,980.3	5,995.5	513.6	489.0	488.7	8.6	8.2	8.2
Allentown-Bethlehem-Easton	344.2	340.7	341.1	30.6	28.0	27.8	8.9	8.2	8.2
Altoona	63.3	63.5	63.4	6.7	5.7	5.4	10.6	8.9	8.4
Beaver County	63.0	63.3	63.8	8.2	7.7	7.7	12.9	12.1	12.1
Erie	139.6	142.2	143.5	13.2	11.1	11.4	9.5	7.8	7.9
Harrisburg-Lebanon-Carlisle	336.2	341.9	342.3	20.7	21.3	19.8	6.2	6.2	5.8
Johnstown	102.5	102.8	104.0	12.5	12.9	13.6	12.2	12.6	13.1
Lancaster	229.2	236.1	235.2	15.4	15.6	13.2	6.7	6.6	5.6
Philadelphia	2,443.7	2,409.9	2,417.3	188.7	180.9	187.5	7.7	7.5	7.8
Pittsburgh	1,017.9	1,034.9	1,036.1	79.7	79.5	80.7	7.8	7.7	7.8
Reading	176.1	180.2	179.9	14.0	13.6	13.5	8.0	7.6	7.5
Scranton-Wilkes-Barre	372.1	377.6	378.9	39.7	38.6	38.4	10.7	10.2	10.1
Sharon	52.3	53.1	53.5	4.9	6.9	6.9	9.3	13.0	12.8
State College	69.2	67.2	70.8	4.8	4.6	4.9	6.9	6.9	6.9
Williamsport	61.3	61.1	60.7	6.5	6.0	5.9	10.6	9.8	9.7
York	227.2	233.5	235.5	17.4	16.3	16.0	7.7	7.0	6.8
Rhode Island	511.8	522.5	519.5	42.5	41.6	42.5	8.3	8.0	8.2
Pawtucket-Woonsocket-Attleboro	165.0	171.8	171.5	14.4	13.8	14.1	8.8	8.0	8.2
Providence	340.5	350.2	347.3	28.2	27.7	28.0	8.3	7.9	8.0
South Carolina	1,747.9	1,756.9	1,758.3	131.8	116.7	117.5	7.5	6.6	6.7
Charleston	241.3	238.4	239.2	15.7	13.8	14.1	6.5	5.8	5.9
Columbia	243.2	244.8	246.1	13.1	12.0	12.1	5.4	4.9	4.9
Greenville-Spartanburg	344.4	346.2	346.2	20.4	17.0	17.7	5.9	4.9	5.1
South Dakota	355.2	357.1	358.3	12.2	15.4	14.9	3.4	4.3	4.2
Rapid City	40.0	40.1	40.1	1.4	2.0	1.8	3.4	4.9	4.5
Sioux Falls	78.9	78.9	78.8	2.1	2.5	2.6	2.6	3.2	3.3

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		
	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P	Feb. 1992	Jan. 1993	Feb. 1993 ^P
Tennessee	2,385.1	2,424.5	2,442.2	181.3	177.3	158.1	7.6	7.3	6.5
Chattanooga	214.2	210.8	211.3	14.5	13.2	12.0	6.8	6.3	5.7
Johnson City-Kingsport-Bristol	229.7	224.7	226.2	15.6	14.8	13.1	6.8	6.6	5.8
Knoxville	290.6	304.2	305.4	21.8	22.5	20.0	7.5	7.4	6.5
Memphis	460.5	465.4	470.8	28.8	30.3	27.1	6.3	6.5	5.8
Nashville	519.6	532.2	538.5	30.5	27.7	25.0	5.9	5.2	4.6
Texas ¹	8,648.2	8,680.1	8,663.3	682.1	727.0	703.1	7.9	8.4	8.1
Abilene	51.5	52.1	51.8	3.5	3.6	3.5	6.9	7.0	6.8
Amarillo	96.7	97.1	96.9	5.7	6.2	5.7	5.9	6.4	5.9
Austin	456.4	472.2	471.5	23.9	25.5	23.5	5.2	5.4	5.0
Beaumont-Port Arthur	177.1	178.3	177.0	15.9	21.4	20.9	9.0	12.0	11.8
Brazoria	94.7	90.3	90.2	7.7	8.3	8.2	8.1	9.2	9.0
Brownsville-Harlingen	112.5	112.2	112.6	16.1	14.9	14.7	14.3	13.3	13.0
Bryan-College Station	65.1	64.2	66.5	2.7	2.9	2.8	4.2	4.5	4.2
Corpus Christi	167.3	169.9	167.3	17.0	17.0	16.3	10.2	10.0	9.7
Dallas	1,452.0	1,455.5	1,452.9	106.9	107.7	104.1	7.4	7.4	7.2
El Paso	255.7	262.2	260.7	29.4	30.2	29.2	11.5	11.5	11.2
Fort Worth-Arlington	735.1	740.7	735.2	54.0	60.0	54.3	7.3	8.1	7.4
Galveston-Texas City	113.3	119.3	119.2	10.0	11.2	10.7	8.8	9.4	9.0
Houston	1,770.1	1,751.7	1,749.4	125.8	145.6	144.6	7.1	8.3	8.3
Killeen-Temple	99.2	104.3	104.1	8.4	8.7	8.2	8.5	8.3	7.9
Laredo	56.2	58.8	58.6	5.5	6.0	5.8	9.8	10.2	10.0
Longview-Marshall	82.2	80.3	80.4	8.1	8.8	8.7	9.9	11.0	10.8
Lubbock	115.8	113.9	113.9	7.9	7.5	7.4	6.8	6.5	6.5
McAllen-Edinburg-Mission	166.8	168.5	167.7	31.8	30.7	30.2	19.1	18.2	18.0
Midland	49.7	48.3	48.0	3.5	4.1	3.8	7.1	8.6	7.9
Odessa	54.8	53.9	54.0	5.1	6.3	6.1	9.4	11.7	11.4
San Angelo	45.1	45.6	45.6	2.9	3.2	2.9	6.5	7.0	6.4
San Antonio	612.2	626.2	630.1	43.9	42.9	41.9	7.2	6.8	6.6
Sherman-Denison	46.9	46.5	46.2	3.6	3.8	3.7	7.7	8.2	8.0
Texarkana	58.3	57.0	56.8	4.8	4.8	4.6	8.3	8.4	8.1
Tyler	75.4	76.4	76.0	5.6	6.8	6.2	7.4	8.8	8.2
Victoria	38.7	39.6	39.7	2.4	2.8	2.6	6.3	7.1	6.6
Waco	92.8	92.6	93.2	6.2	6.6	6.5	6.7	7.2	6.9
Wichita Falls	55.2	53.9	53.9	4.1	4.1	4.1	7.4	7.6	7.6
Utah	803.1	808.9	813.7	39.2	40.7	34.1	4.9	5.0	4.2
Provo-Orem	121.1	118.8	120.8	5.4	5.5	4.6	4.4	4.6	3.8
Salt Lake City-Ogden	518.7	525.0	527.3	23.6	24.7	20.4	4.5	4.7	3.9
Vermont	306.2	321.1	324.9	21.6	22.6	23.6	7.0	7.0	7.3
Burlington	75.9	79.7	80.0	3.6	4.0	4.2	4.7	5.0	5.3
Virginia	3,336.6	3,315.0	3,341.5	243.3	215.2	183.7	7.3	6.5	5.5
Charlottesville	74.0	72.4	73.8	4.3	3.8	2.6	5.7	5.2	3.6
Danville	55.1	53.9	53.9	5.6	4.4	3.7	10.1	8.2	6.8
Lynchburg	78.1	78.8	79.0	5.2	5.2	3.9	6.7	6.5	4.9
Norfolk-Virginia Beach-Newport News	653.1	653.6	656.9	48.6	47.0	39.5	7.4	7.2	6.0
Richmond-Petersburg	477.9	471.3	476.2	32.9	29.1	24.9	6.9	6.2	5.2
Roanoke	130.9	131.5	132.0	7.7	7.5	6.4	5.9	5.7	4.8
Washington	2,536.8	2,593.0	2,630.0	213.7	237.8	229.4	8.4	9.2	8.7
Seattle	1,125.9	1,157.1	1,175.6	71.4	78.3	79.9	6.3	6.8	6.8
West Virginia	782.5	765.7	768.2	104.6	90.5	89.8	13.4	11.8	11.7
Charleston	119.3	118.2	118.2	12.2	11.4	10.6	10.2	9.6	9.0
Huntington-Ashland	133.4	132.0	130.8	16.1	14.8	13.4	12.1	11.2	10.2
Parkersburg-Marietta	74.0	74.9	74.4	7.9	8.0	7.6	10.7	10.7	10.3
Wheeling	72.7	71.4	71.2	8.8	7.9	7.6	12.1	11.0	10.7
Wisconsin	2,575.7	2,662.9	2,665.9	161.9	140.1	151.9	6.3	5.3	5.7
Appleton-Oshkosh-Neenah	174.0	183.7	184.2	9.7	8.1	9.0	5.5	4.4	4.9
Eau Claire	72.6	73.3	75.2	4.5	5.0	5.4	6.2	6.8	7.2
Green Bay	113.4	118.9	119.2	6.0	5.1	5.7	5.3	4.3	4.8
Janesville-Beloit	73.9	75.5	75.1	6.3	4.7	5.1	8.6	6.2	6.8
Kenosha	56.4	60.4	60.4	3.8	3.9	4.2	6.8	6.5	6.9
La Crosse	56.5	56.7	57.6	3.1	2.7	2.8	5.5	4.8	4.9
Madison	231.3	242.3	245.2	9.9	5.6	6.2	4.3	2.3	2.5
Milwaukee	749.7	773.0	775.4	38.7	31.7	34.3	5.2	4.1	4.4
Racine	87.6	90.4	89.6	6.6	6.2	6.2	7.5	6.8	6.9
Sheboygan	58.2	58.4	58.2	3.6	2.0	2.5	6.1	3.5	4.4
Wausau	64.9	66.6	66.2	4.8	4.1	4.3	7.4	6.2	6.4
Wyoming	239.3	232.7	233.8	19.9	15.0	15.2	8.3	6.4	6.5
Casper	31.7	29.7	29.8	3.0	2.6	2.5	9.6	8.7	8.5

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 for 1992 are provisional

and will be revised when new benchmark and population information becomes available. 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 350,000 establishments employing over 41 million nonfarm wage and salary workers. The data relate to all workers, full or part time, who receive pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

Data from these two sources differ from each other because of differences in definitions and coverage, source of information, methods of collection, and estimating procedures. Sampling variability and response errors are

additional reasons for discrepancies. The major factors which have a differential effect on the levels and trends of the two series follow.

Employment

Coverage. The household survey definition of employment covers wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonfarm establishments.

Multiple jobholding. The household survey provides information on the work status of the population without duplication, because each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all civilians who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management disputes, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

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

Hours of work

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

distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to average earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see *Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey*, BLS Bulletin 2113.

COMPARABILITY OF HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid \$1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of \$20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Economics and Statistics Service series and the treatment of dual jobholders, who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of their impact on differences in the levels and trends of the two series.

COMPARABILITY OF PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or sample surveys of manufacturing and business establishments. The major reasons for noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in *County Business Patterns* (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

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

Household Data (A tables)

COLLECTION AND COVERAGE

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

These monthly surveys of the population are conducted through a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th day of the month. This is known as the survey week. Actual field interviewing is conducted during the following week.

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

Each month about 60,000 occupied units are eligible for interview. About 2,600 of these households are contacted, but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This results in a noninterview rate for the survey of between 4 and 5 percent. In addition to the 60,000 occupied units, there are 11,500 sample units in an average month which are visited but found to be vacant or otherwise not enumerated. Part of the sample is changed each month. The rotation plan, as explained later, provides for three-fourths of the sample to be common from one month to the next, and one half to be common with the same month a year earlier.

CONCEPTS AND DEFINITIONS

The concepts and definitions underlying labor force data have been modified, but not substantially altered, since the inception of the survey in 1940; those used since 1967 are as follows:

Employed persons are (a) all civilians who, during the survey week, did any work at all as paid employees, in their own business, profession, or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family; and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management disputes, or personal reasons, whether they were paid for the time off or were seeking other jobs.

Each employed person is counted only once, even if he or she holds more than one job. Multiple jobholders are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries who are temporarily in the United States but not living on the premises of an embassy. Excluded are persons whose only activity consisted of work around their own houses (painting, repairing, or housework) or volunteer work for religious, charitable, and similar organizations.

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

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Two useful measures of the duration are the mean and the median. Mean duration is the arithmetic average computed from single weeks of unemployment; median duration is the midpoint of a distribution of weeks of unemployment.

Unemployment is also categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into four major groups. (1) *Job losers* are persons whose employment ended involuntarily who immediately began looking for work, and persons on layoff. (2) *Job leavers* are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) *Reentrants* are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor

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

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

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

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

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

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

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

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

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

The class-of-worker breakdown specifies wage and salary workers subdivided into private and government workers; self-employed workers; and unpaid family workers. Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by birth or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, persons who normally work 40 hours a week but were off on the Columbus Day holiday would be reported as working 32 hours even though they were paid for the holiday. For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week; all the hours are credited to the major job.

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

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

Data on employment "at work" differ from data on total employment because they exclude persons in the zero-hours-worked category, "with a job but not at work." These are persons who were absent from their jobs for the entire week for such reasons as bad weather, vacation, illness, or involvement in a labor dispute.

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

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

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

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

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

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent. Persons of Hispanic origin may be of any race; thus they are included in both the white and black population groups.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Data are limited to men in the civilian noninstitutional population; i.e., veterans in institutions and women are excluded. Nonveterans are men who never served in the Armed Forces.

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

Median earnings indicate the value which divides the earnings distribution into two equal parts, one part having values above the median and the other having values below the median. The medians as shown in this publication are calculated by linear interpolation of the \$50 centered interval within which each median falls.

Data expressed in constant dollars are deflated by the Consumer Price Index for All Urban Consumers (CPI-U).

Single, never married; married, spouse present; and other marital status are terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were reported as members of the same household even though one may be temporarily absent on business, vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent, includes persons who are separated because of marital discord, as well as persons who are living apart because either the husband or the wife was employed and living away from home, serving in the Armed Forces, or had a different place of residence for any reason.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room is regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-

couple families but relates only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family even though they may include a related subfamily, that is, a married couple or a parent-child group related by birth or marriage to the householder and sharing the living quarters. The count of families used in this publication excludes unrelated subfamilies such as lodgers, guests, or resident employees living in a household but not related to the householder. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family are either self-employed or in the Armed Forces.

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

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

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

HISTORICAL COMPARABILITY

Change in lower age limit

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

Noncomparability of labor force levels

In addition to the changes introduced in 1967, there are several other periods of noncomparability in the labor force data:

- Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; labor force, total employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and men; other categories were relatively unaffected.
- Starting in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force. Four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected.
- Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and labor force and employment by about 200,000; unemployment totals were virtually unchanged.
- Commencing in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; and unemployment levels and rates were essentially unchanged.
- A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.
- Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitu-

tional population was modified to an inflation-deflation approach. This change in the derivation of the estimates had its greatest impact on estimates of 20-to 24-year-old men—particularly those of the black-and-other population—but had little effect on estimates of the total population 16 years and over. Additional information on the adjustment procedure appears in “CPS Population Controls Derived from Inflation-Deflation Method of Estimation,” in the February 1974 issue of *Employment and Earnings*.

- Effective in July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 men and 46,000 women. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the other population.

- Starting in January 1978, the introduction of an expansion in the sample and revisions in the estimation procedures resulted in an increase of about 250,000 in the civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in “Revisions in the Current Population Survey in January 1978” in the February 1978 issue of *Employment and Earnings*.

- Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

- Commencing in January 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. Differences between the old and new procedures existed only for metropolitan and nonmetropolitan area estimates, not for the total United States. The reasoning behind the change and an indication of the differences appear in “Revisions in the Current Population Survey in January 1979” in the February 1979 issue of *Employment and Earnings*.

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

tics appear in “Revisions in the Current Population Survey Beginning in January 1982” in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates for labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The February 1982 article cited above also describes the adjustment procedure used. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

- Starting in January 1983, the first-stage ratio adjustment methodology was updated to account for results obtained from the 1980 census. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in “Revisions in the Current Population Survey Beginning in January 1983” in the February 1983 issue of *Employment and Earnings*. There were only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and virtually no differences in estimates of participation rates.

- Beginning in January 1985, most of the steps of the CPS estimation procedure—the noninterview adjustment, the first- and second-stage ratio adjustments, and the composite estimator—were revised. These procedures are described in the Estimating Methods section. A description of the changes and an indication of their effect on national estimates of labor force characteristics appear in “Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985” in the February 1985 issue of this publication. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin. Major estimates were revised back to January 1980.

- Starting in January 1986, the population controls used in the second-stage ratio adjustment methodology were revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of emigrants among legal foreign-born residents for the same time period. As a result, the total civilian population and labor force estimates were raised by nearly 400,000; civilian employment was increased by about 350,000. The Hispanic-origin population and labor force estimates were raised by about 425,000 and 305,000, respectively, and employment by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the mag-

nitude of the adjustments for Hispanics, data were revised back to January 1980 to the extent possible. An explanation of the changes and their effect on estimates of labor force characteristics appear in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of this publication.

- Beginning in August 1989, the second-stage ratio estimate cells were changed slightly to decrease the chance of very small cells occurring and to be more consistent with published age, sex, and race cells. This change had virtually no effect on national estimates.

Changes in the occupational and industrial classification system

Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employment levels could not be made between 1971-72 and prior years nor between those 2 years. Unemployment rates were not significantly affected. For a further explanation of the changes in the occupational classification system, see "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Starting in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPS. The 1980 census occupational classification system evolved from the Standard Occupational Classification (SOC), and this new system differed so radically in concepts and nomenclature from the 1970 system that comparisons of historical data are not possible without major adjustments. For example, the 1980 major group "sales occupations" is substantially larger than the 1970 category "sales workers." Major additions include "cashiers" taken from the "clerical workers" group and some self-employed proprietors in retail trade establishments from "managers and administrators, except farm."

The industrial classification system used in the 1980 census was based on the 1972 Standard Industrial Classification (SIC) system, as modified in 1977. The adoption of the new system had much less of an adverse effect on historical comparability than did the new occupational system. The most notable changes from the 1970 system were the transfer of farm equipment stores from "retail" to "wholesale" trade, postal service from "public administration" to "transportation," and some interchange between "professional and related services" and "public adminis-

tration." Additional information on the 1980 census occupational and industrial classification systems appears in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of *Employment and Earnings*.

Beginning in January 1992, the occupational and industrial classification systems used in the 1990 census were introduced into the CPS. There were a few breaks in comparability between the 1980 and 1990 census-based systems, particularly within the "technical, sales, and administrative support" categories. The industrial classification system used in the 1990 census is based on the 1987 Standard Industrial Classification system. The most notable changes from the 1980 system were the shift of several industries from "business services" to "professional services" and the splitting of some industries into smaller, more detailed categories. A number of industry titles were changed as well, with no change in content.

Sampling

Since the inception of the survey, there have been various changes in the design of the CPS sample. The sample is traditionally redesigned and a new sample selected after each decennial census. The number of sample areas and the number of sample persons are also increased occasionally. Most of these changes are made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates. When Alaska and Hawaii received statehood, three sample areas were added to the existing sample to account for the population of these States. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia, was designed to provide more reliable annual average estimates for States. In October 1978, a coverage improvement sample of approximately 450 sample household units representing 237,000 occupied mobile homes and 600,000 new construction housing units was added. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, the sample was expanded by 100 households to provide additional coverage in counties added to SMSA's, which were redefined in 1973. In January 1985, a new State-based CPS sample was selected based on 1980 census information. A sample reduction of about 4,000 households was implemented in April 1988; they were reinstated during the 8-month period, April-November 1989.

The 1980 census-based sample design includes about 72,000 housing units per month located in 729 selected geographic areas called primary sampling units (PSU's). The sample was initially selected so that specific reliability criteria were met nationally, for each of the 50 States, for the District of Columbia, and for the sub-State areas of New York City and the Los Angeles-Long Beach metropolitan area. Since 1985, these reliability criteria have been

maintained through periodic additions and deletions in the State samples. The criteria, given below, are based on the coefficient of variation (CV) of the unemployment rate, where the CV is defined as the standard error of the estimate divided by the estimate, expressed as a percentage. These CV controls assume a 6-percent unemployment rate in the denominator of this formula to establish a consistent specification of sampling error.

Nationally, a 1.8-percent CV is maintained on the monthly unemployment rate estimate. This means that a change of 0.2 percentage point in the unemployment rate is significant at a 90-percent confidence level.

In 11 States—California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas—the most populous States at the time of the 1980 decennial census, an 8-percent CV is maintained on the monthly unemployment rate estimate. In the other 39 States and the District of Columbia, an 8-percent CV is maintained on the annual unemployment rate estimate. In New York City and the Los Angeles-Long Beach metropolitan area, a 9-percent CV is maintained on the monthly unemployment rate.

In the first stage of sampling, the 729 sample areas are chosen. In the second stage, ultimate sampling unit clusters composed of about four housing units each are selected. Each month, about 72,000 housing units are assigned for data collection, of which about 60,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 60,000 housing units, 4 to 5 percent are not interviewed in a given month due to temporary absence (vacation, etc.), other failures to make contact after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate (about half of the noninterviews). Information is obtained each month for about 113,000 persons 16 years of age and older.

Selection of sample areas. The entire area of the United States, consisting of 3,137 counties and independent cities, is divided into 1,973 primary sampling units (PSU's). In most States, a PSU consists of a county or a number of contiguous counties. In New England and Hawaii, minor civil divisions are used instead of counties.

Metropolitan areas within a State are used as a basis for forming PSU's. Outside of metropolitan areas, counties normally are combined, except where the geographic area of the sample county is very large. Combining counties to form PSU's provides greater heterogeneity; a typical PSU includes urban and rural residents of both high and low economic levels and encompasses, to the extent feasible, diverse occupations and industries. Another important consideration is to make the PSU sufficiently compact so that, with a small sample spread throughout, it can be efficiently canvassed without undue travel cost.

The 1,973 PSU's are grouped into strata within each State. Then one PSU is selected from each stratum with the probability of selection proportional to the population of the PSU. There are 314 PSU's in strata by themselves that are self-representing, and generally these are the most populated PSU's in each State. The remaining strata are formed by combining PSU's that are similar in such characteristics as population growth; proportions of blacks and of Hispanics (in certain States); and population distribution by occupation, industry, age, and sex. The PSU's, randomly selected from these strata are non-self-representing because each one chosen represents the entire stratum. The probability of selecting a particular PSU in a non-self-representing stratum is proportional to its 1980 population. For example, within a stratum, the chance that a PSU with a population of 50,000 would be selected for the sample is twice that for a PSU having a population of 25,000.

Selection of sample households. Because the sample design is essentially State based, the sampling ratio differs by State and depends on the reliability requirements for estimates for each State. The State sampling ratios range roughly from 1 in every 200 households to 1 in every 2,500 households in each stratum of the State. The sampling ratio occasionally is modified slightly to hold the size of the sample relatively constant given the overall growth of the population. The sampling ratio used within a sample PSU depends on the probability of selection of the PSU and the sampling ratio for the State. In a sample PSU with a probability of selection of 1 in 10 with a State sampling ratio of 1 in 2,500, the within-PSU sampling ratio that results is 1 in 250, thereby achieving the desired ratio of 1 in 2,500 for the stratum.

Within each designated PSU, several steps are involved in selecting the housing units to be enumerated. First, the 1980 census enumeration districts (ED's), which are administrative units and contain on the average about 300 housing units, are ordered so that the sample would reflect the demographic and residential characteristics of the PSU. Within each ED, the housing units are sorted geographically and are grouped into clusters of approximately four housing units. Next, a systematic sample of these clusters of housing units is selected.

The identification of the sample housing units within an ED is made wherever possible from the list of ED addresses compiled during the 1980 census. The address lists are used in about three-fourths of the ED's, primarily in urban areas. Area sampling is applied in the remaining ED's, mostly in rural areas. In ED's where address lists are used, automated methods are used to form clusters of geographically contiguous housing units. An effort is made to have all small, multi-unit addresses (two to four housing units) included in the same cluster. The methods use the within-PSU sampling ratio to identify appropriate clusters for the sample. Supplemental samples are also prepared to

account for addresses in isolated geographic areas and to account for housing units not found on the address lists, including housing units newly constructed in the PSU since the census date. The addresses of these units are obtained mainly from records of building permits.

In those enumeration districts where area sampling methods are used, mainly rural areas, the ED's are subdivided into small land "chunks" with well-defined boundaries and having, in general, an expected "size" of about 8 to 12 housing units or other living quarters. For each subdivided ED, one chunk (or more) is designated for the sample. When a selected chunk contains about four households, for example, all units are included in the sample. When the size of the chunk is several times four units, an interviewer does not conduct interviews at all housing units in the chunk but uses a systematic sampling pattern to obtain approximately four households. The remaining housing units in the chunk are then available for further samples. Area ED's also make use of building permit lists to identify newly constructed housing units.

Rotation of sample. Part of the sample is changed each month. For each sample, eight representative subsamples or rotation groups are identified. A given rotation group is interviewed for a total of 8 months, divided into two equal periods. It is in the sample for 4 consecutive months, leaves the sample during the following 8 months, and then returns for another 4 consecutive months. In any 1 month, one-eighth of the rotation groups are in their first month of enumeration, another eighth is in their second month, and so on. Under this system, 75 percent of the sample segments are common from month to month and 50 percent from year to year. This procedure, which was introduced in 1953, provides a substantial amount of month-to-month and year-to-year overlap in the sample, thus reducing discontinuities in the series of data without burdening any specific group of households with an unduly long period of inquiry.

Table 1-A provides a description of some aspects of the CPS sample design in use since 1947. A more detailed account of the history of the CPS sample design appears in *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, or *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, Report 463, Bureau of Labor Statistics. A description of the 1980 census-based sample appears in "Redesign of the Sample for the Current Population Survey," in the May 1984 issue of *Employment and Earnings*.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously

and are based on returns from the entire panel of respondents. The estimation procedure involves weighting the data from each sample person by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that the sample person represents. Since 1985, almost all sample persons within the same State have the same probability of selection (with the exception of New York and California, where the cities of New York and Los Angeles are sampled at a higher probability). These selection probabilities are then adjusted for noninterviews; ratio adjustments are made to known population controls; and composite the estimation procedure is applied.

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

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

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

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

Time period	Number of sample areas	Households eligible		Housholds visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959	1330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	2333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to Dec. 1984	629	57,800	2,500	11,000
Jan. 1985 to Mar. 1988	729	57,000	2,500	11,000
Apr. 1988 to Mar. 1989	729	53,200	2,600	11,500
Nov. 1989 to present ³	729	57,400	2,600	11,800

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

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

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

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

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

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

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

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

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

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

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

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

3. *Composite estimate procedure.* The last step in the preparation of most CPS estimates makes use of a composite estimation procedure. The composite estimate consists of a weighted average of two factors: The two-stage ratio estimate based on the entire sample for 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

Table 1-F. Parameters for computation of standard errors for estimates of monthly levels

Characteristic	a	b
Labor force and not-in-labor-force data other than agricultural employment and unemployment:		
Total ¹	-0.000015503	2488.36
Men ¹	-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	-0.000273973	2458.39
Women	-0.00164107	2181.67
Both sexes, 16 to 19 years:	-0.001144754	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	-0.000191460	2621.89
Hispanic origin	-0.00098631	2704.53

¹ Excludes not-in-labor-force data.

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

Characteristic	a	b
Labor force and not-in-labor-force data other than agricultural employment and unemployment:		
Total or white:		
Most characteristics	-0.000010944	1668.04
High correlation characteristics ¹	-0.000081444	1304.38
Low correlation characteristics ¹	-0.000014170	2126.02
Men:		
Most characteristics	-0.000019884	1599.03
High correlation characteristics	-0.000014794	1249.33
Low correlation characteristics	-0.000051372	2221.13
Women:		
Most characteristics	-0.000018554	1410.58
Low correlation characteristics	-0.000052252	2245.76
Both sexes, 16 to 19 years	-0.000162663	2097.34
Black:		
Most characteristics	-0.000089327	1787.47
Low correlation characteristics	-0.001740338	5422.14
Men:		
Most characteristics	-0.000212603	1912.52
Low correlation characteristics	-0.002613218	4889.94
Women:		
Most characteristics	-0.000140597	1539.24
Low correlation characteristics	-0.002078353	4483.53
Both sexes, 16 to 19 years	-0.001139392	2538.37
Hispanic origin:		
Total	-0.000152279	2098.10
Civilian labor force and not in labor force	-0.000099676	1459.85
Low correlation characteristics	-0.002541911	6518.78
Men, civilian labor force and not in labor force	-0.000238849	1749.13
Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years	-0.000384132	2694.10
Women, 16 years and over and 20 years and over	-0.000330113	1972.12
Agricultural employment:		
Total or white:		
Total	-0.000346999	3199.19
Men	-0.000592136	3295.42
Women or both sexes, 16 to 19 years .....	.000113873	1975.66
Black:		
Total or women	-0.000110444	2382.12
Men or both sexes, 16 to 19 years	-0.017331654	4929.50
Hispanic origin:		
Total or women .....	.002782195	3509.38
Men or both sexes, 16 to 19 years .....	.002777539	3001.45
Self-employed	-0.000215510	1743.43
Unemployment: ²		
Total or white:		
Total, men, women	-0.000082123	3494.11
Both sexes, 16 to 19 years and low correlation characteristics	-0.000062800	4269.23
Black:		
Total, men, women, and both sexes, 16 to 19 years	-0.000373894	3630.26
High correlation characteristics .....	.000043481	2571.23
Hispanic origin:		
Total, men, women	-0.000244978	3822.03
Both sexes, 16 to 19 years and low correlation characteristics	-0.000965230	5321.96

¹ High correlation characteristics include employed full-time, manufacturing, and service workers and not in the labor force. Low correlation characteristics include all part-time workers; employed, with a job, but not at work; unpaid family workers; and precision production, craft, and repair occupations.

² High correlation characteristics include full-time jobseekers; job losers; manufacturing workers; and operators, fabricators, and laborers. Low correlation characteristics include part-time jobseekers, re-entrants, 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

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonfarm establishments, by industry and geographic location. Historical statistics are published in *Employment, Hours, and Earnings, United States and Employment, Hours, and Earnings, States and Areas*.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to BLS (Washington office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments and, together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to respondents each month so that they can enter the next month's data on the space allotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, because the respondents can see the figures that they have reported for previous months.

Data on the total number of full-and part-time workers on the payrolls of nonfarm establishments are entered on form BLS 790; for most industries, there is provision on form BLS 790 for data (for the pay period which includes the 12th day of the month) on employment, payroll levels, and hours of production and related or nonsupervisory workers.

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*, Office of Management and Budget. BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sectors.

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 count 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 has increased as has 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 include 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 work, guard services, product development, auxiliary production for a plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operations.

Construction workers include 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 include 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 covers 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 unemploy-

ment 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 payments in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover 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 cover hours worked by production or related workers for which overtime premiums were paid because the hours exceeded 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.

Since 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 compo-

ment 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 because 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.

Structural changes in the makeup of the workforce can affect long-term trends of average weekly earnings. 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, or earnings in constant dollars, 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).

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 1,700 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 months following the March benchmark are recalculated by applying previously derived over-the-month sample changes to the new, revised March level. Thus, while the employment levels for postbenchmark months can be substantially revised, the trends and over-the-month changes remain relatively the same.

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 350,000 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 1,700 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 level.

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

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

Bias adjustment. Bias adjustment factors are computed at the 3-digit SIC level, and applied each month at the basic cell level, as part of 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 substantial amount of employment growth during any given year, nonsampling methods must be used to capture this growth, otherwise substantial underestimation 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.

This procedure eventually proved inadequate during periods of rapidly changing employment trends, and bias adjustment methodology was revised. Research done in the early 1980's indicated that bias requirements correlated strongly with current employment growth or decline. Based on this research, a revised method was developed which incorporated data on employment growth

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.

over the most recent 2 quarters and included a regression-derived coefficient for the significance of that change, to adjust the mean error model results. This methodological change provided a more cyclically sensitive bias model.

The regression-adjusted mean error model has been in use since 1983 for producing national estimates.

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 to supply data in considerably more detail with an additional 1-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 the percentage of 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 certain 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, a sample design for these industries must have 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-B

Table 2-B. Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 1991

Industry	Bench- marks (thousands)	Sample coverage ¹		
		Number of establish- ments	Employees	
			Number (thousands)	Percent of bench- marks
Total	107,507	300,138	40,969	38
Mining	695	3,518	257	37
Construction	4,356	26,367	860	20
Manufacturing	18,339	55,254	8,884	48
Transportation and public utilities	5,707	² 15,598	² 2,425	42
Wholesale trade	6,050	25,379	1,136	19
Retail trade	18,934	59,471	4,330	23
Finance, insurance, and real estate	6,656	22,065	2,166	33
Services	28,053	70,075	6,852	24
Government:				
Federal	2,939	(³)	2,939	100
State	4,476	5,446	3,769	84
Local	11,302	16,965	7,351	65

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 6,000 reports covering about 64 percent of employment in Federal establishments.

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. 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 2C-2F.

Benchmark revision as a measure of survey error. The sum of sampling and nonsampling error can be considered total

Table 2-C. Current and historical benchmark revisions

(Numbers in thousands)

Industry	March 1991 benchmark revision		10-year average mean percent revision ¹	
	Level	Percent	Actual	Absolute
Total	-640	-0.6	-0.1	0.2
Total private	-583	-.7	-.2	.3
Goods-producing	9	(²)	-.5	.6
Mining	-4	-.6	-2.0	2.6
Oil and gas extraction	3	.8	-2.1	3.0
Construction	-10	-.2	-.3	1.2
General building contractors	-20	-1.8	0	1.9
Manufacturing	23	.1	-.5	.6
Durable goods	46	.4	-.5	.6
Lumber and wood products	-19	-2.9	-1.1	1.4
Furniture and fixtures	-9	-1.9	-.6	.9
Stone, clay, and glass products	1	.2	-.3	.9
Primary metal industries	5	.7	-.5	.8
Blast furnaces and basic steel products	3	1.1	.1	1.4
Fabricated metal products	-1	-.1	-.6	.8
Industrial machinery and equipment	14	.7	-1.0	1.1
Electronic and other electrical equipment	8	.5	-.9	1.0
Transportation equipment	35	1.9	.4	1.1
Motor vehicles and equipment	12	1.6	.9	1.5
Instruments and related products	10	1.0	-.1	1.7
Miscellaneous manufacturing	0	0	-1.1	1.3
Nondurable goods	-23	-.3	-.5	.7
Food and kindred products	-6	-.4	-.8	1.0
Tobacco products	0	0	.1	3.9
Textile mill products	4	.6	-.3	.6
Apparel and other textile products	-13	-1.3	-.8	1.2
Paper and allied products	-4	-.6	-.2	.5
Printing and publishing	4	.3	-.2	.8
Chemicals and allied products	-17	-1.6	-.5	.8
Petroleum and coal products	0	0	-.6	1.5
Rubber and miscellaneous plastics products	3	.4	-.6	1.6
Leather and leather products	4	3.2	-1.2	3.8
Service-producing	-649	-.8	0	.3
Transportation and public utilities	-57	-1.0	-.4	.6
Transportation	-52	-1.5	-.8	1.1
Communications and public utilities ³	-5	-.2	-.1	.8
Wholesale trade	-13	-.2	-.5	.9
Durable goods	3	.1	-.9	1.1
Nondurable goods	-16	-.6	0	.8
Retail trade	-56	-.3	.1	.7
General merchandise stores	82	3.4	.2	1.7
Food stores	-27	-.9	-.8	1.4
Auto dealers and service stations	-44	-2.2	-.4	1.2
Eating and drinking places	-68	-1.1	.5	1.2
Finance, insurance, and real estate	-29	-.4	-.3	.5
Finance ³	-75	-2.3	-.5	.6
Insurance ³	36	1.7	0	.8
Real estate ³	10	.8	-.4	1.4
Services	-437	-1.6	.1	.5
Business services	-216	-4.4	.3	1.6
Health services	-40	-.5	-.5	.9
Government	-57	-.3	.1	.3
Federal	0	0	0	0
State	4	.1	.5	.8
Local	-61	-.5	-.1	.4

¹ Data relate to the 1982-91 benchmarks, unless otherwise noted.

³ Data relate to 1983-91 benchmarks.

² Less than 0.05 percent.

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. Although the benchmark error is used as a measure of total error for the CES survey estimate, technically, it represents the difference between two independent estimates derived from separate survey processes (i.e., the CES sample process and the UI universe process) and thus reflects the errors present in each program. Historically, the benchmark revision has been very small for total nonfarm employment. Over the past decade, percentage benchmark error has averaged 0.2 percent, with a range from zero to 0.6 percent. Table 2-C 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:

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

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-D.

Table 2-D. 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.

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 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-E and for individual industries with the specified number of employees in table 2-D. 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.

Table 2-E. 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.

Table 2-F. Errors of preliminary employment estimates

Industry	Root-mean-square error of monthly level	Mean percent revision	
		Actual	Absolute
Total	77,800	0.0	0.1
Total private	60,100	0	.1
Goods-producing industries	19,600	0	.1
Mining	2,700	.1	.3
Oil and gas extraction	2,500	.2	.5
Construction	13,000	.1	.2
General building contractors	5,300	0	.3
Manufacturing	12,700	0	.1
Durable goods	10,100	0	.1
Lumber and wood products	1,700	0	.2
Furniture and fixtures	1,400	0	.2
Stone, clay, and glass products	1,400	0	.2
Primary metal industries	2,600	-.1	.2
Blast furnaces and basic steel products	1,900	-.1	.5
Fabricated metal products	2,100	0	.1
Industrial machinery and equipment	3,000	0	.1
Electronic and other electrical equipment	3,500	0	.1
Transportation equipment	5,000	0	.2
Motor vehicles and equipment	4,400	0	.4
Instruments and related products	1,900	0	.2
Miscellaneous manufacturing	1,600	0	.3
Nondurable goods	7,000	0	.1
Food and kindred products	4,600	0	.2
Tobacco products	700	.4	1.0
Textile mill products	1,900	0	.2
Apparel and other textile products	2,800	0	.2
Paper and allied products	1,700	0	.2
Printing and publishing	1,800	0	.1
Chemicals and allied products	2,100	0	.1
Petroleum and coal products	700	0	.3
Rubber and misc. plastics products	1,600	0	.1
Leather and leather products	1,000	-.1	.6
Service-producing industries	69,100	0	.1
Transportation and public utilities	10,700	0	.1
Transportation	9,000	.1	.2
Communications and public utilities	4,400	0	.2
Wholesale trade	6,500	0	.1
Durable goods	4,200	0	.1
Nondurable goods	4,400	0	.1
Retail trade	32,100	0	.1
General merchandise stores	18,900	0	.5
Food stores	6,800	0	.2
Automotive dealers and service stations	4,400	0	.1
Eating and drinking places	6,500	0	.1
Finance, insurance, and real estate	7,500	0	.1
Finance	4,300	0	.1
Insurance	4,000	0	.1
Real estate	4,200	.1	.2
Services	33,800	0	.1
Business services	13,400	.1	.2
Health services	8,200	0	.1
Government	47,100	0	.2
Federal	15,100	.1	.4
State	19,000	-.1	.4
Local	32,000	0	.2

NOTE: Errors are based on differences from January 1987 through December 1991. Data used in the computations for several industries are not strictly comparable due to changes in the industrial classification system.

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-F 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. The interpretation of these measures parallels the description above for revisions between final sample-based estimates and benchmarks (i.e., tables 2-B and 2-D).

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 nonfarm level, and may be slightly larger for the more detailed industry groupings.

STATISTICS FOR STATES AND AREAS (Tables B-8 and C-8)

State agencies in cooperation with BLS collect and prepare State and area employment, hours, and earnings data. The 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. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

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 1992, new seasonal adjustment factors for May-October 1992, and a description of the current seasonal adjustment procedure appear in the June 1992 issue of *Employment and Earnings*.

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

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	Current Employment Statistics (CES) and State and Local Area Unemployment Statistics (LAUS) Programs			
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	IX CALIFORNIA	Employment Development Department, Employment Data and Research Division, 7000 Franklin Blvd., Bldg. 1100, Sacramento 95823	II NEW JERSEY	Department of Labor, Division of Planning and Research, P.O. Box 2765, Trenton 08625
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