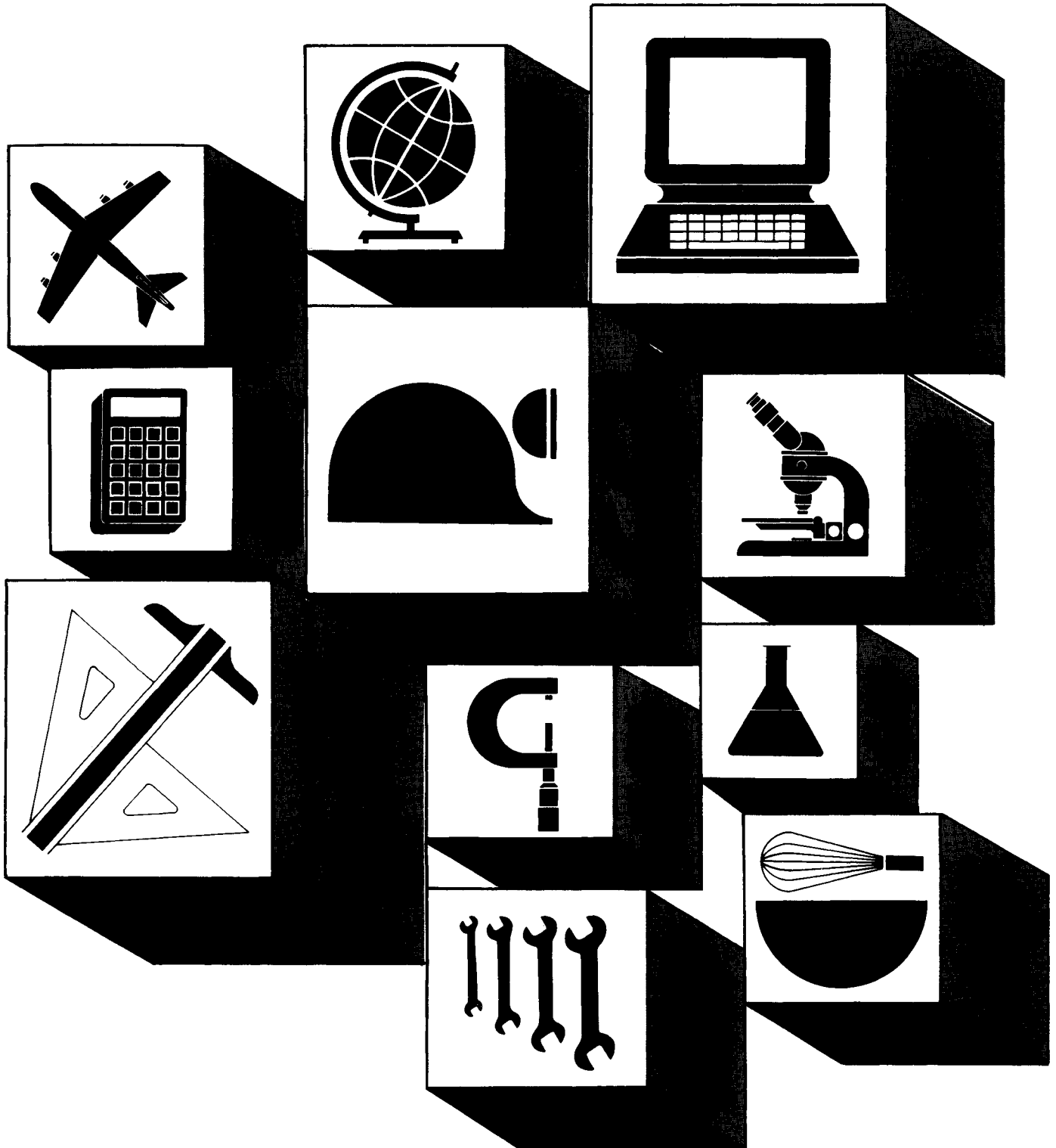




EMPLOYMENT AND EARNINGS

U.S. Department of Labor
Bureau of Labor Statistics
April 1991





U.S. DEPARTMENT OF LABOR

Lynn Martin, Secretary

BUREAU OF LABOR STATISTICS

Janet L. Norwood, *Commissioner*

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Calendar of Features

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

Household data

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

Establishment data

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail (final)	Mar.
Women employees (final)	Mar.
National data revised to reflect new benchmarks and new seasonal adjustment factors	June ¹
Revised historical national data	(²)
State and area annual averages	May
Area definitions	May

State and area labor force data

Annual averages	May
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¹ The September 1990 issue introduced March 1989 benchmarks.

² See *Employment, Hours, and Earnings, United States, 1909-90, Volumes I and II*, Bulletin 2370, March 1991

Employment and Earnings

Vol. 38 No. 4 April 1991

Editors: Gloria Peterson Green, Eugene H. Becker

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Employment and Unemployment Developments, March 1991

Employment fell in March and unemployment rose sharply. The civilian worker unemployment rate was 6.8 percent, up from 6.5 percent in February and 5.3 percent last June.

Nonfarm payroll employment, as measured by the survey of business establishments, declined by 205,000 in March, as manufacturing, construction, and trade experienced particularly large job losses. Total civilian employment, as measured by the household survey, was little changed but has been trending downward since last June.

Unemployment

The number of unemployed persons increased by 410,000 in March to a level of 8.6 million (after seasonal adjustment). The civilian worker unemployment rate rose three-tenths of a percentage point for the second straight month, reaching 6.8 percent, the highest since November 1986. Since June of last year, the number of unemployed workers has risen by 2 million and the jobless rate has climbed by 1.5 percentage points. (See table A-33.)

Jobless rates continued their upward trend for all major worker groups in March. The rate for adult women rose three-tenths of a percentage point to 5.7 percent, and that for adult men, which had increased substantially in February, edged up two-tenths to 6.5 percent. The rate for teenagers rose to 18.7 percent. Among the race-ethnic groups, the unemployment rate for whites increased to 6.2 percent, and the rates for blacks (12.3 percent) and Hispanics (10.3 percent) rose slightly. (See tables A-33 and A-34.)

Persons who have lost their last jobs accounted for 55 percent of the total jobless in March, up from 47 percent a year earlier (seasonally adjusted). Similarly, long-term unemployment (15 weeks and over) as a percent of the total has risen 5 percentage points over the past year to 25 percent. (See tables A-40 and A-41.)

Civilian employment and the labor force

Total civilian employment was little changed in March but, at a seasonally adjusted level of 116.8 million, was down about 1.5 million from last June. The employment-population ratio—the proportion of the working-age population that is employed—was 61.7 percent in March, down from 62.9 percent last June. (See table A-33.)

The civilian labor force, at 125.3 million in March, was little changed from the previous month. Over the past year, the labor force has increased by only 650,000. (Over the past decade, the labor force grew by an average of 1.8 million a year.) While the labor force levels for adult men and women each grew by about 1 percent over the year, the teenage labor force declined by 8 percent. The labor force participation rate—the proportion of working age persons either employed or actively seeking employment—was 66.2 percent in March, 0.3 percentage point lower than a year earlier. (See table A-33.)

Discouraged workers

The number of discouraged workers—persons who want a job but are not actively seeking employment because they feel their job search would be in vain—was 1 million in the first quarter of 1991. Though little changed from late 1990, this represented an increase of 210,000 over the past year. (See table A-53.)

Industry payroll employment

Nonfarm payroll employment declined by 205,000 in March to 109.3 million. This followed a drop of 290,000, as revised, in February. March job losses were concentrated in manufacturing, construction, and trade. Since last September, the number of payroll jobs has declined by 1.3 million.

Manufacturing employment fell by 90,000 in March, following a drop of 150,000 in February. Factory jobs have been on a downward course since January 1989, with cutbacks totaling 1.2 million. Job losses continued to be concentrated in durable goods; in March, declines were particularly large in machinery, electronic equipment, fabricated metals, transportation equipment, and stone, clay, and glass products. In nondurable goods, sizable job declines occurred in printing and publishing and in rubber and plastics.

The number of construction jobs dropped by 70,000 in March (seasonally adjusted). Employment in construction has been on a downtrend since May of last year, for a loss of half a million jobs.

Employment in retail trade declined by 50,000 in March, following an unusually large drop of 110,000 in February, as revised. The number of jobs in wholesale trade also continued to decrease, mostly in durable goods distri-

bution. Since last summer, the trade industries have lost a total of 460,000 jobs.

The number of jobs in the transportation industry was little changed in March, following a large decline in February. Temporary layoffs and job terminations in the airline and travel services industries and continued reductions in trucking account for the loss of 40,000 transportation jobs so far this year.

Job growth in the services industry, which had been robust until late last year, has halted in the past 2 months. The business services component has been losing jobs over the past 6 months, with the decline totaling 100,000. In contrast, employment in health services has continued to grow, as reflected by a March increase of 40,000 jobs.

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls edged down by 0.1 hour in March to 34.2 hours, seasonally adjusted, following an increase of 0.2 hour in February. The manufacturing workweek declined by 0.2 hour from its February

level to 40.1 hours, and factory overtime edged down to 3.2 hours. Both the manufacturing workweek and overtime have been trending downward over the past half year. (See table C-5.)

The index of aggregate weekly hours of production or nonsupervisory workers decreased by 0.7 percent to 121.3 (1982=100) in March, seasonally adjusted. The index for manufacturing declined by 0.9 percent to 100.1. Over the year, the index for manufacturing was down by 6.9 percent. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings of private production or non-supervisory workers increased by 0.5 percent to \$10.25, seasonally adjusted. Average weekly earnings increased by 0.2 percent to \$350.55. Prior to seasonal adjustment, average hourly earnings edged up by 2 cents, and average weekly earnings were up by \$1.70. Over the past year, average hourly earnings increased by 3.3 percent and average weekly earnings by 2.4 percent. (See tables C-1 and C-7.)

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 3	July	August 2
May	June 7	August	September 6
June	July 5	September	October 4

A-1. Employment status of the noninstitutional population 16 years and over, 1958 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												
1958	115,574	69,486	60.1	64,883	1,847	63,036	5,586	57,450	4,602	6.6	46,088	
1959	117,117	70,157	59.9	66,418	1,788	64,630	5,565	59,065	3,740	5.3	46,960	
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 ¹	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 ¹	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	
Monthly data, seasonally adjusted ²												
1990:												
March	189,198	126,467	66.8	119,904	1,669	118,235	3,197	115,038	6,563	5.2	62,731	
April	189,326	126,438	66.8	119,747	1,657	118,090	3,140	114,950	6,691	5.3	62,888	
May	189,467	126,578	66.8	119,916	1,639	118,277	3,286	114,991	6,662	5.3	62,889	
June	189,607	126,427	66.7	119,867	1,630	118,237	3,279	114,958	6,560	5.2	63,180	
July	189,763	126,336	66.6	119,509	1,627	117,882	3,108	114,774	6,827	5.4	63,427	
August	189,901	126,345	66.5	119,330	1,640	117,690	3,152	114,538	7,015	5.6	63,556	
September	190,002	126,571	66.6	119,484	1,601	117,883	3,194	114,689	7,087	5.6	63,431	
October	190,095	126,445	66.5	119,303	1,570	117,733	3,175	114,558	7,142	5.6	63,650	
November	190,312	126,338	66.4	119,001	1,615	117,386	3,185	114,201	7,337	5.8	63,974	
December	190,483	126,791	66.6	119,191	1,617	117,574	3,253	114,321	7,600	6.0	63,692	
1991:												
January	190,592	126,253	66.2	118,537	1,615	116,922	3,163	113,759	7,715	6.1	64,339	
February	190,717	126,678	66.4	118,520	1,602	116,918	3,222	113,696	8,158	6.4	64,039	
March	190,703	126,786	66.5	118,214	1,460	116,754	3,098	113,656	8,572	6.8	63,917	

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, 1980 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												
1980	80,877	62,932	77.8	58,665	1,479	57,166	2,709	54,477	4,267	6.6	17,945	
1981	82,023	63,486	77.4	58,909	1,512	57,397	2,700	54,697	4,577	7.2	18,537	
1982	83,052	63,979	77.0	57,800	1,529	56,271	2,736	53,534	6,179	9.7	19,073	
1983	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484	
1984	85,156	65,386	76.6	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771	
1985	86,025	65,967	76.7	61,447	1,556	59,891	2,535	57,356	4,521	6.9	20,058	
1986 ¹	67,349	66,973	76.7	62,443	1,551	60,892	2,511	58,361	4,530	6.6	20,376	
1987	66,476	67,784	76.6	63,684	1,577	62,107	2,543	59,564	4,101	6.1	20,692	
1988	68,404	68,474	76.6	64,820	1,547	63,273	2,493	60,780	3,655	5.3	20,930	
1989	90,283	69,360	76.8	65,835	1,520	64,315	2,513	61,802	3,525	5.1	20,923	
1990	91,122	69,705	76.5	65,906	1,472	64,435	2,507	61,926	3,799	5.4	21,417	
Monthly data, seasonally adjusted²												
1990:												
March	90,874	89,667	76.7	66,104	1,497	64,607	2,497	62,110	3,563	5.1	21,207	
April	90,942	89,697	76.6	66,035	1,499	64,536	2,435	62,101	3,662	5.3	21,245	
May	91,014	89,729	78.6	66,061	1,472	64,589	2,562	62,027	3,668	5.3	21,285	
June	91,067	89,609	76.4	65,964	1,465	64,499	2,571	61,928	3,645	5.2	21,478	
July	91,168	89,523	76.3	65,728	1,482	64,266	2,478	61,788	3,795	5.5	21,645	
August	91,240	89,552	76.2	65,663	1,475	64,168	2,477	61,711	3,889	5.6	21,688	
September	91,271	89,814	76.5	65,853	1,441	64,412	2,512	61,900	3,961	5.7	21,457	
October	91,299	89,804	76.5	65,822	1,414	64,408	2,504	61,904	3,982	5.7	21,495	
November	91,440	89,899	76.4	65,790	1,453	64,337	2,518	61,819	4,109	5.9	21,541	
December	91,537	70,056	78.5	65,781	1,454	64,327	2,572	61,755	4,277	6.1	21,479	
1991:												
January	91,590	69,543	75.9	65,251	1,453	63,796	2,466	61,331	4,292	6.2	22,047	
February	91,650	69,749	76.1	65,043	1,439	63,804	2,520	61,084	4,706	6.7	21,901	
March	91,587	69,808	76.2	64,646	1,314	63,332	2,456	61,076	4,962	7.1	21,779	
Annual averages												
WOMEN												
1980	88,472	45,611	51.6	42,241	124	42,117	656	41,461	3,370	7.4	42,881	
1981	89,751	46,829	52.2	43,133	133	43,000	667	42,333	3,696	7.9	42,922	
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	660	43,367	4,457	9.2	43,181	
1984	92,924	49,655	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	42,886	
1986 ¹	94,944	52,568	55.4	48,861	155	48,706	652	48,054	3,707	7.1	42,376	
1987	96,013	53,818	56.1	50,494	160	50,334	668	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	
Monthly data, seasonally adjusted²												
1990:												
March	98,324	56,800	57.8	53,800	172	53,628	700	52,928	3,000	5.3	41,524	
April	98,383	56,741	57.7	53,712	156	53,554	705	52,849	3,029	5.3	41,642	
May	98,453	56,649	57.7	53,855	167	53,688	724	52,964	2,994	5.3	41,604	
June	98,520	56,818	57.7	53,903	165	53,738	706	53,030	2,915	5.1	41,702	
July	98,595	56,813	57.6	53,781	165	53,616	630	52,986	3,032	5.3	41,762	
August	98,661	56,793	57.6	53,667	165	53,502	675	52,827	3,126	5.5	41,868	
September	98,731	56,757	57.5	53,631	160	53,471	682	52,789	3,128	5.5	41,974	
October	98,796	56,641	57.3	53,481	156	53,325	671	52,654	3,160	5.6	42,155	
November	98,872	56,439	57.1	53,211	162	53,049	667	52,382	3,228	5.7	42,433	
December	98,946	56,733	57.3	53,410	163	53,247	681	52,566	3,323	5.9	42,213	
1991:												
January	99,002	56,710	57.3	53,287	162	53,125	697	52,428	3,423	6.0	42,292	
February	99,067	56,929	57.5	53,477	163	53,314	703	52,611	3,452	6.1	42,136	
March	99,116	56,978	57.5	53,366	146	53,222	642	52,580	3,610	6.3	42,138	

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, 1958 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								
1958	113,727	67,639	59.5	63,036	4,602	6.8	6.8	6.8
1959	115,329	68,369	59.3	64,630	3,740	5.5	5.2	5.9
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 ²	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 ²	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
Monthly data, seasonally adjusted ²								
1990:								
March	187,529	124,798	66.5	118,235	6,563	5.3	5.2	5.3
April	187,669	124,781	66.5	118,090	6,691	5.4	5.4	5.4
May	187,828	124,939	66.5	118,277	6,662	5.3	5.4	5.3
June	187,977	124,797	66.4	118,237	6,560	5.3	5.3	5.1
July	188,136	124,709	66.3	117,882	6,827	5.5	5.6	5.4
August	188,261	124,705	66.2	117,690	7,015	5.6	5.7	5.5
September	188,401	124,970	66.3	117,883	7,087	5.7	5.8	5.5
October	188,525	124,875	66.2	117,733	7,142	5.7	5.8	5.6
November	188,697	124,723	66.1	117,386	7,337	5.9	6.0	5.7
December	188,866	125,174	66.3	117,574	7,600	6.1	6.2	5.9
1991:								
January	188,977	124,638	66.0	116,922	7,715	6.2	6.3	6.1
February	189,115	125,076	66.1	116,918	8,158	6.5	6.9	6.1
March	189,243	125,326	66.2	116,754	8,572	6.8	7.2	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 1991										
	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	189,243	124,443	65.8	115,639	8,804	7.1	64,800	26,313	9,279	3,694	25,514
16 to 19 years	13,504	6,565	48.6	5,320	1,245	19.0	6,939	431	5,880	44	585
16 to 17 years	6,616	2,399	36.3	1,892	506	21.1	4,217	116	3,838	14	250
18 to 19 years	6,888	4,166	60.5	3,428	739	17.7	2,722	315	2,042	29	335
20 to 24 years	17,811	13,439	75.5	12,027	1,412	10.5	4,372	1,546	2,089	88	669
25 to 54 years	106,852	89,042	83.5	83,570	5,472	6.1	17,611	11,583	1,265	1,525	3,236
25 to 34 years	42,469	35,370	83.3	32,762	2,609	7.4	7,099	4,712	855	352	1,180
25 to 29 years	20,454	17,049	83.4	15,684	1,364	8.0	3,406	2,161	514	124	606
30 to 34 years	22,015	18,322	83.2	17,078	1,244	6.8	3,693	2,552	341	227	574
35 to 44 years	38,405	32,766	85.3	30,922	1,844	5.6	5,639	3,828	312	546	953
35 to 39 years	20,226	17,199	85.0	16,157	1,042	6.1	3,027	2,143	184	242	458
40 to 44 years	18,179	15,568	85.6	14,766	802	5.2	2,611	1,685	128	304	494
45 to 54 years	25,779	20,905	81.1	19,886	1,020	4.9	4,873	3,042	98	628	1,105
45 to 49 years	14,095	11,833	84.0	11,253	580	4.9	2,262	1,459	65	277	460
50 to 54 years	11,683	9,072	77.6	8,633	439	4.8	2,612	1,583	33	350	645
55 to 64 years	21,188	11,794	55.7	11,242	553	4.7	9,394	4,249	35	872	4,238
55 to 59 years	10,537	7,062	67.0	6,712	350	5.0	3,476	1,825	31	467	1,153
60 to 64 years	10,651	4,732	44.4	4,530	202	4.3	5,919	2,424	4	405	3,086
65 years and over	30,087	3,603	12.0	3,481	122	3.4	26,484	8,505	9	1,186	16,784
65 to 69 years	10,133	2,187	21.6	2,105	82	3.7	7,946	2,661	2	295	4,988
70 to 74 years	8,110	872	10.6	847	25	2.9	7,238	2,354	4	261	4,618
75 years and over	11,844	543	4.6	528	15	2.7	11,301	3,490	3	629	7,178
Men											
16 years and over	90,273	68,028	75.4	62,650	5,369	7.9	22,245	607	4,572	2,036	15,030
16 to 19 years	6,807	3,400	49.9	2,667	733	21.6	3,408	39	3,022	30	316
16 to 17 years	3,394	1,249	36.8	931	318	25.5	2,144	17	1,968	11	149
18 to 19 years	3,414	2,151	63.0	1,736	415	19.3	1,263	22	1,054	19	167
20 to 24 years	8,678	7,139	82.3	6,251	888	12.4	1,539	51	1,057	51	360
25 to 54 years	52,228	48,719	93.3	45,411	3,307	6.8	3,510	278	472	956	1,804
25 to 34 years	20,910	19,559	93.5	17,957	1,602	8.2	1,351	106	370	231	643
25 to 29 years	10,037	9,337	93.0	8,506	832	8.9	700	49	241	88	322
30 to 34 years	10,872	10,222	94.0	9,451	770	7.5	650	56	129	144	321
35 to 44 years	18,798	17,763	94.5	16,667	1,096	6.2	1,035	94	75	341	524
35 to 39 years	9,925	9,422	94.9	8,906	616	6.5	503	41	50	159	254
40 to 44 years	8,872	8,341	94.0	7,861	480	5.8	531	54	25	182	271
45 to 54 years	12,521	11,397	91.0	10,767	610	5.3	1,125	78	27	384	637
45 to 49 years	6,969	6,388	93.0	6,053	335	5.2	481	23	15	184	256
50 to 54 years	5,652	5,008	88.6	4,733	275	5.5	644	54	12	199	378
55 to 64 years	10,012	6,748	67.4	6,380	368	5.5	3,265	71	18	508	2,667
55 to 59 years	5,029	4,012	79.8	3,765	247	6.2	1,017	37	18	270	692
60 to 64 years	4,983	2,736	54.9	2,615	121	4.4	2,247	34	-	238	1,975
65 years and over	12,547	2,023	16.1	1,950	73	3.6	10,524	168	2	491	9,682
65 to 69 years	4,585	1,206	26.3	1,166	40	3.3	3,379	29	-	140	3,210
70 to 74 years	3,568	510	14.3	486	24	4.7	3,056	56	1	134	2,867
75 years and over	4,394	307	7.0	298	10	3.1	4,086	83	1	217	3,786
Women											
16 years and over	98,970	56,415	57.0	52,980	3,435	6.1	42,555	25,707	4,707	1,657	10,484
16 to 19 years	6,697	3,165	47.3	2,653	512	16.2	3,532	392	2,658	13	269
16 to 17 years	3,223	1,150	35.7	962	188	16.3	2,073	99	1,870	4	101
18 to 19 years	3,474	2,015	58.0	1,691	324	18.1	1,459	293	968	10	168
20 to 24 years	9,133	6,300	69.0	5,776	525	8.3	2,833	1,495	1,032	17	289
25 to 54 years	54,424	40,323	74.1	38,158	2,165	5.4	14,101	11,305	793	569	1,434
25 to 34 years	21,559	15,811	73.3	14,805	1,007	6.4	5,748	4,806	485	121	537
25 to 29 years	10,417	7,711	74.0	7,178	533	6.9	2,705	2,111	273	37	284
30 to 34 years	11,143	8,100	72.7	7,626	474	5.9	3,043	2,495	211	84	253
35 to 44 years	19,607	15,003	76.5	14,255	748	5.0	4,604	3,734	237	205	428
35 to 39 years	10,301	7,777	75.5	7,350	426	5.5	2,524	2,102	134	83	205
40 to 44 years	9,307	7,226	77.6	6,904	322	4.5	2,080	1,632	103	122	223
45 to 54 years	13,257	9,509	71.7	9,099	410	4.3	3,749	2,965	71	244	469
45 to 49 years	7,226	5,445	75.3	5,199	245	4.5	1,781	1,436	51	93	202
50 to 54 years	6,031	4,064	67.4	3,899	165	4.0	1,967	1,529	20	151	267
55 to 64 years	11,176	5,047	45.2	4,862	185	3.7	6,129	4,176	17	363	1,571
55 to 59 years	5,506	3,050	55.4	2,947	103	3.4	2,458	1,787	14	196	461
60 to 64 years	5,668	1,997	35.2	1,915	81	4.1	3,671	2,390	4	167	1,110
65 years and over	17,540	1,580	9.0	1,531	49	3.1	15,961	8,337	7	695	6,922
65 to 69 years	5,548	981	17.7	939	42	4.3	4,567	2,632	2	155	1,778
70 to 74 years	4,542	362	8.0	361	1	.2	4,179	2,298	3	127	1,752
75 years and over	7,450	236	3.2	231	5	2.2	7,214	3,407	2	412	3,392

**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 1991										
	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	161,179	106,782	66.3	99,955	6,827	6.4	54,398	22,522	6,890	2,761	22,224
16 to 19 years	10,779	5,634	52.3	4,711	924	16.4	5,145	306	4,367	29	443
16 to 17 years	5,247	2,112	40.2	1,704	407	19.3	3,135	87	2,853	12	183
18 to 19 years	5,533	3,523	63.7	3,006	518	14.7	2,010	220	1,513	17	260
20 to 24 years	14,879	11,359	77.4	10,331	1,029	9.1	3,320	1,183	1,598	45	494
25 to 54 years	90,368	76,219	84.3	71,938	4,281	5.6	14,149	9,639	889	1,153	2,469
25 to 34 years	35,552	29,985	84.3	27,993	1,993	6.6	5,567	3,858	586	264	860
25 to 29 years	17,007	14,398	84.7	13,368	1,030	7.2	2,608	1,719	360	93	436
30 to 34 years	18,546	15,587	84.0	14,624	963	6.2	2,959	2,139	225	170	424
35 to 44 years	32,677	28,099	86.0	26,635	1,464	5.2	4,578	3,216	229	405	729
35 to 39 years	17,108	14,676	85.8	13,849	826	5.6	2,432	1,794	123	175	340
40 to 44 years	15,569	13,423	86.2	12,785	638	4.8	2,146	1,422	105	229	389
45 to 54 years	22,139	18,135	81.9	17,310	824	4.5	4,004	2,565	74	485	860
45 to 49 years	12,125	10,258	84.6	9,794	464	4.5	1,867	1,228	44	232	383
50 to 54 years	10,014	7,877	78.7	7,516	360	4.6	2,137	1,337	30	252	517
55 to 64 years	18,425	10,350	56.2	9,860	490	4.7	8,075	3,720	32	622	3,701
55 to 59 years	9,102	6,193	68.0	5,886	307	5.0	2,909	1,583	29	319	977
60 to 64 years	9,323	4,157	44.6	3,974	183	4.4	5,166	2,137	2	302	2,724
65 years and over	26,928	3,219	12.0	3,116	104	3.2	23,709	7,674	5	913	15,117
65 to 69 years	8,964	1,970	22.0	1,898	72	3.6	6,994	2,364	1	222	4,406
70 to 74 years	7,257	765	10.5	747	18	2.3	6,492	2,119	1	210	4,161
75 years and over	10,707	484	4.5	470	14	2.9	10,223	3,190	2	482	6,550
Men											
16 years and over	77,504	59,002	76.1	54,721	4,281	7.3	18,502	414	3,396	1,580	13,112
16 to 19 years	5,440	2,941	54.1	2,368	573	19.5	2,499	22	2,234	19	224
16 to 17 years	2,687	1,120	41.7	852	268	23.9	1,568	10	1,451	9	98
18 to 19 years	2,753	1,822	66.2	1,517	305	16.7	931	12	783	11	126
20 to 24 years	7,212	6,052	83.9	5,392	659	10.9	1,160	28	828	35	270
25 to 54 years	44,803	42,171	94.1	39,521	2,650	6.3	2,633	184	316	780	1,372
25 to 34 years	17,720	16,757	94.6	15,491	1,265	7.6	963	67	254	172	470
25 to 29 years	8,444	7,945	94.1	7,292	654	8.2	499	25	180	63	230
30 to 34 years	9,276	8,811	95.0	8,200	611	6.9	465	43	73	108	240
35 to 44 years	16,225	15,454	95.2	14,566	889	5.7	771	58	46	272	394
35 to 39 years	8,525	8,173	95.9	7,665	507	6.2	352	21	23	123	185
40 to 44 years	7,700	7,281	94.6	6,900	381	5.2	419	37	23	149	210
45 to 54 years	10,858	9,960	91.7	9,464	496	5.0	898	59	17	316	507
45 to 49 years	5,964	5,576	93.5	5,305	272	4.9	388	15	5	161	207
50 to 54 years	4,894	4,383	89.6	4,159	224	5.1	511	44	12	155	300
55 to 64 years	8,784	5,999	68.3	5,659	340	5.7	2,785	52	17	376	2,339
55 to 59 years	4,378	3,575	81.7	3,352	224	6.3	803	32	17	187	567
60 to 64 years	4,405	2,424	55.0	2,308	116	4.8	1,982	20	-	189	1,772
65 years and over	11,265	1,839	16.3	1,780	59	3.2	9,426	128	1	389	8,907
65 to 69 years	4,095	1,112	27.2	1,078	34	3.1	2,983	19	-	110	2,854
70 to 74 years	3,184	442	13.9	426	16	3.7	2,742	48	-	117	2,577
75 years and over	3,986	285	7.1	276	9	3.1	3,701	61	1	162	3,477
Women											
16 years and over	83,675	47,780	57.1	45,234	2,546	5.3	35,895	22,108	3,494	1,181	9,112
16 to 19 years	5,339	2,693	50.4	2,342	351	13.0	2,646	284	2,133	9	219
16 to 17 years	2,559	992	38.8	853	139	14.0	1,567	77	1,403	3	84
18 to 19 years	2,780	1,701	61.2	1,489	212	12.5	1,079	208	730	6	134
20 to 24 years	7,467	5,308	71.1	4,938	369	7.0	2,160	1,155	770	10	224
25 to 54 years	45,565	34,048	74.7	32,417	1,631	4.8	11,517	9,455	572	393	1,097
25 to 34 years	17,832	13,229	74.2	12,501	727	5.5	4,604	3,790	332	92	389
25 to 29 years	8,563	6,453	75.4	6,077	376	5.8	2,109	1,694	180	30	205
30 to 34 years	9,270	6,776	73.1	6,424	351	5.2	2,494	2,096	152	62	184
35 to 44 years	16,452	12,644	76.9	12,069	576	4.6	3,807	3,158	183	132	334
35 to 39 years	8,583	6,503	75.8	6,184	319	4.9	2,081	1,773	101	52	155
40 to 44 years	7,868	6,142	78.1	5,885	257	4.2	1,727	1,384	83	80	179
45 to 54 years	11,281	8,175	72.5	7,847	328	4.0	3,106	2,507	57	169	373
45 to 49 years	6,161	4,681	76.0	4,490	192	4.1	1,480	1,213	39	71	156
50 to 54 years	5,120	3,493	68.2	3,357	136	3.9	1,626	1,293	18	98	218
55 to 64 years	9,841	4,351	45.1	4,201	150	3.5	5,290	3,668	14	245	1,363
55 to 59 years	4,723	2,617	55.4	2,534	83	3.2	2,106	1,551	12	132	411
60 to 64 years	4,918	1,733	35.2	1,666	67	3.9	3,185	2,117	2	113	952
65 years and over	15,663	1,380	8.8	1,336	44	3.2	14,283	7,546	4	524	6,209
65 to 69 years	4,869	858	17.6	821	38	4.4	4,011	2,345	2	112	1,552
70 to 74 years	4,073	323	7.9	321	1	.5	3,750	2,072	1	92	1,585
75 years and over	6,721	199	3.0	194	5	2.7	6,522	3,129	1	320	3,072

**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 1991										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
BLACK											
16 years and over	21,516	13,469	62.6	11,800	1,669	12.4	8,047	2,863	1,691	840	2,854
16 to 19 years	2,105	726	34.5	435	292	40.1	1,379	105	1,132	15	127
16 to 17 years	1,035	223	21.5	134	89	40.0	612	23	723	2	64
18 to 19 years	1,070	504	47.1	301	203	40.2	566	82	409	12	63
20 to 24 years	2,456	1,665	67.8	1,339	326	19.8	791	302	320	18	151
25 to 54 years	12,260	9,671	78.9	8,677	993	10.3	2,589	1,399	233	333	624
25 to 34 years	5,350	4,166	77.9	3,632	534	12.8	1,184	657	178	83	266
25 to 29 years	2,674	2,046	76.5	1,755	291	14.2	628	351	101	30	147
30 to 34 years	2,676	2,120	79.2	1,877	243	11.5	556	307	77	54	119
35 to 44 years	4,226	3,481	82.4	3,177	303	8.7	745	400	43	121	181
35 to 39 years	2,329	1,910	82.0	1,736	171	9.0	419	223	32	61	104
40 to 44 years	1,897	1,571	82.8	1,439	132	8.4	326	177	11	60	77
45 to 54 years	2,684	2,024	75.4	1,868	156	7.7	661	342	13	129	177
45 to 49 years	1,425	1,140	80.0	1,046	94	8.2	265	154	10	41	80
50 to 54 years	1,260	884	70.2	822	62	7.0	378	188	2	89	97
55 to 64 years	2,149	1,103	51.3	1,063	40	3.7	1,047	380	2	227	438
55 to 59 years	1,119	653	58.4	624	29	4.5	466	184	-	135	148
60 to 64 years	1,031	450	43.7	439	11	2.4	581	196	2	93	291
65 years and over	2,546	304	12.0	266	16	5.9	2,242	878	4	246	1,314
65 to 69 years	905	175	19.4	166	9	5.4	730	219	-	70	441
70 to 74 years	685	84	12.3	77	8	9.1	601	191	3	45	362
75 years and over	956	45	4.7	44	1	(¹)	911	268	2	131	511
Men											
16 years and over	9,668	6,728	69.6	5,823	905	13.5	2,939	149	800	421	1,570
16 to 19 years	1,040	356	34.2	213	143	40.2	684	14	573	11	86
16 to 17 years	519	99	19.1	58	41	41.9	420	5	366	2	47
18 to 19 years	521	257	49.3	155	101	39.5	264	9	208	9	39
20 to 24 years	1,126	868	77.0	664	203	23.4	259	16	136	14	90
25 to 54 years	5,500	4,798	87.2	4,273	525	10.9	702	77	87	180	357
25 to 34 years	2,422	2,116	87.4	1,833	284	13.4	306	35	72	55	145
25 to 29 years	1,224	1,060	86.6	909	151	14.2	164	21	39	23	81
30 to 34 years	1,198	1,056	88.2	923	133	12.6	142	14	32	32	63
35 to 44 years	1,889	1,685	89.2	1,522	162	9.6	205	25	9	64	107
35 to 39 years	1,042	928	89.1	848	83	8.9	114	12	8	34	59
40 to 44 years	847	756	89.3	677	80	10.5	91	13	1	30	47
45 to 54 years	1,186	997	83.9	918	79	8.0	191	17	6	62	106
45 to 49 years	632	554	87.6	508	45	8.2	78	9	6	20	44
50 to 54 years	556	443	79.7	409	34	7.7	113	6	-	42	62
55 to 64 years	971	566	58.3	548	20	3.8	405	10	-	124	271
55 to 59 years	509	325	63.8	308	16	5.1	184	3	-	79	102
60 to 64 years	462	242	52.3	238	4	1.6	221	7	-	45	168
65 years and over	1,030	141	13.7	127	14	9.7	889	30	1	92	766
65 to 69 years	381	68	17.8	63	5	(¹)	313	5	-	29	279
70 to 74 years	314	54	17.1	46	8	(¹)	280	7	1	14	237
75 years and over	336	19	5.7	18	1	(¹)	316	18	-	48	250
Women											
16 years and over	11,849	6,741	56.9	5,977	764	11.3	5,106	2,715	891	419	1,083
16 to 19 years	1,065	371	34.8	222	149	40.1	694	90	559	4	41
16 to 17 years	516	124	24.0	76	48	38.4	392	17	358	-	17
16 to 19 years	549	247	45.0	146	101	41.0	302	73	201	4	24
20 to 24 years	1,330	797	80.0	675	123	15.4	532	288	181	5	60
25 to 54 years	6,760	4,873	72.1	4,405	468	9.8	1,887	1,322	147	153	266
25 to 34 years	2,928	2,050	70.0	1,799	250	12.2	878	622	106	28	121
25 to 29 years	1,450	986	68.0	846	140	14.2	484	330	62	7	66
30 to 34 years	1,478	1,064	72.0	954	110	10.3	414	293	44	22	55
35 to 44 years	2,336	1,796	76.9	1,655	141	7.9	540	375	33	57	75
35 to 39 years	1,287	981	78.3	892	89	9.1	306	210	23	27	45
40 to 44 years	1,049	815	77.6	763	52	6.4	235	164	10	30	30
45 to 54 years	1,496	1,027	68.6	950	77	7.5	469	325	7	67	71
45 to 49 years	793	586	73.9	538	48	8.3	207	145	5	21	36
50 to 54 years	703	441	62.6	412	28	6.4	263	180	2	46	34
55 to 64 years	1,178	537	45.6	517	20	3.7	842	370	2	103	168
55 to 59 years	610	328	53.8	315	13	3.9	261	161	-	55	45
60 to 64 years	569	208	36.7	201	7	3.5	360	189	2	48	122
65 years and over	1,516	163	10.8	159	4	2.7	1,352	647	3	155	548
65 to 69 years	524	107	20.5	103	5	4.5	417	214	-	41	162
70 to 74 years	371	31	8.3	31	-	(¹)	341	184	1	31	125
75 years and over	620	25	4.1	25	-	(¹)	594	250	2	83	260

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age and sex	March 1991								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	28,064	17,661	62.9	15,684	178	15,506	1,977	11.2	10,403
16 to 19 years	2,725	930	34.1	609	3	606	321	34.5	1,794
16 to 17 years	1,369	287	21.0	188	2	186	99	34.5	1,082
18 to 19 years	1,355	643	47.5	421	1	420	222	34.5	712
20 to 24 years	3,132	2,080	66.4	1,696	19	1,677	384	18.5	1,052
25 to 54 years	16,284	12,823	78.7	11,632	122	11,510	1,191	9.3	3,461
25 to 34 years	6,917	5,385	77.9	4,769	36	4,734	616	11.4	1,532
25 to 29 years	3,447	2,650	76.9	2,316	17	2,298	334	12.6	797
30 to 34 years	3,469	2,735	78.8	2,453	18	2,435	282	10.3	734
35 to 44 years	5,728	4,668	81.5	4,288	53	4,234	380	8.1	1,061
35 to 39 years	3,118	2,523	80.9	2,307	25	2,282	216	8.5	595
40 to 44 years	2,810	2,145	82.2	1,980	28	1,952	164	7.7	466
45 to 54 years	3,640	2,771	76.1	2,575	33	2,542	195	7.1	869
45 to 49 years	1,970	1,575	80.0	1,459	24	1,435	117	7.4	395
50 to 54 years	1,870	1,195	71.6	1,118	9	1,107	79	6.6	475
55 to 64 years	2,764	1,445	52.3	1,382	25	1,357	63	4.4	1,319
55 to 59 years	1,436	869	60.5	826	13	813	43	5.0	567
60 to 64 years	1,328	575	43.3	556	12	544	20	3.4	752
65 years and over	3,159	383	12.1	365	8	357	18	4.8	2,776
65 to 69 years	1,169	217	18.6	207	4	203	10	4.7	952
70 to 74 years	853	108	12.6	100	-	100	7	6.9	746
75 years and over	1,137	59	5.2	58	5	54	1	(¹)	1,078
Men									
16 years and over	12,769	9,026	70.7	7,938	153	7,785	1,089	12.1	3,743
16 to 19 years	1,367	459	33.6	299	3	295	160	34.9	908
16 to 17 years	706	130	18.3	79	2	77	50	38.8	577
18 to 19 years	661	329	49.8	219	1	218	110	33.4	332
20 to 24 years	1,466	1,087	74.2	859	19	839	228	21.0	379
25 to 54 years	7,425	5,548	88.2	5,890	103	5,788	657	10.0	877
25 to 34 years	3,189	2,802	87.9	2,466	32	2,434	337	12.0	387
25 to 29 years	1,593	1,392	87.4	1,214	16	1,199	178	12.8	201
30 to 34 years	1,596	1,410	88.4	1,252	16	1,235	159	11.3	186
35 to 44 years	2,573	2,309	89.7	2,102	43	2,059	207	9.0	264
35 to 39 years	1,401	1,249	89.2	1,141	22	1,119	108	8.7	152
40 to 44 years	1,172	1,060	90.4	961	21	940	99	9.3	112
45 to 54 years	1,663	1,437	86.4	1,323	28	1,295	114	7.9	226
45 to 49 years	905	812	89.7	749	19	730	63	7.8	93
50 to 54 years	758	625	82.4	574	9	565	50	8.1	133
55 to 64 years	1,229	749	60.9	720	19	701	28	3.8	480
55 to 59 years	651	436	67.1	413	8	405	23	5.3	214
60 to 64 years	578	312	54.0	307	11	296	5	1.7	266
65 years and over	1,282	184	14.4	170	8	162	14	7.8	1,098
65 to 69 years	490	94	19.1	88	4	85	5	5.8	396
70 to 74 years	384	68	17.7	60	-	60	8	(¹)	316
75 years and over	408	22	5.5	21	5	17	1	(¹)	386
Women									
16 years and over	15,295	8,635	56.5	7,746	25	7,721	889	10.3	8,660
16 to 19 years	1,358	472	34.7	311	-	311	161	34.1	886
16 to 17 years	663	157	23.7	109	-	109	49	30.9	506
18 to 19 years	694	314	45.2	202	-	202	112	35.7	380
20 to 24 years	1,666	993	59.6	837	-	837	156	15.7	673
25 to 54 years	8,859	6,275	70.8	5,741	20	5,722	534	8.5	2,584
25 to 34 years	3,727	2,583	69.3	2,303	4	2,300	279	10.8	1,145
25 to 29 years	1,854	1,258	67.9	1,102	2	1,100	156	12.4	596
30 to 34 years	1,873	1,325	70.7	1,202	2	1,200	123	9.3	549
35 to 44 years	3,155	2,359	74.7	2,186	11	2,175	173	7.3	797
35 to 39 years	1,717	1,274	74.2	1,167	4	1,163	107	8.4	443
40 to 44 years	1,438	1,085	75.4	1,019	7	1,012	65	6.0	354
45 to 54 years	1,977	1,334	67.5	1,252	5	1,247	82	6.1	643
45 to 49 years	1,065	763	71.7	710	5	705	53	7.0	302
50 to 54 years	911	570	62.6	542	-	542	28	5.0	341
55 to 64 years	1,535	696	45.3	662	6	656	34	4.9	839
55 to 59 years	785	433	55.1	413	5	408	20	4.6	353
60 to 64 years	750	263	35.1	249	1	248	14	5.5	486
65 years and over	1,877	199	10.6	195	-	195	4	2.1	1,678
65 to 69 years	679	123	18.1	118	-	118	5	3.9	556
70 to 74 years	469	39	8.4	40	-	40	-	(¹)	430
75 years and over	729	37	5.0	37	-	37	-	(¹)	692

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. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
TOTAL								
Civilian noninstitutional population	187,529	189,243	82,378	83,466	91,237	92,273	13,914	13,504
Civilian labor force	123,789	124,443	63,932	64,628	52,723	53,250	7,135	6,565
Percent of population	66.0	65.8	77.6	77.4	57.8	57.7	51.3	48.6
Employed	117,093	115,639	60,654	59,992	50,343	50,327	6,095	5,320
Agriculture	2,938	2,849	2,125	2,104	598	561	216	184
Nonagricultural industries	114,155	112,790	58,530	57,888	49,746	49,766	5,879	5,136
Unemployed	6,697	8,804	3,277	4,636	2,380	2,923	1,040	1,245
Unemployment rate	5.4	7.1	5.1	7.2	4.5	5.5	14.6	19.0
Not in labor force	63,740	64,800	18,446	18,838	38,514	39,024	6,779	6,939
White								
Civilian noninstitutional population	160,076	161,179	71,227	72,064	77,622	78,336	11,226	10,779
Civilian labor force	106,292	106,782	55,633	56,061	44,512	45,087	6,146	5,834
Percent of population	66.4	66.3	78.1	77.8	57.3	57.6	54.8	52.3
Employed	101,273	99,955	53,111	52,353	42,808	42,892	5,354	4,711
Agriculture	2,760	2,671	1,974	1,955	573	536	212	181
Nonagricultural industries	98,514	97,284	51,137	50,398	42,234	42,356	5,142	4,530
Unemployed	5,018	6,827	2,521	3,708	1,705	2,195	792	924
Unemployment rate	4.7	6.4	4.5	6.6	3.8	4.9	12.9	16.4
Not in labor force	53,784	54,398	15,594	16,003	33,110	33,250	5,080	5,145
Black								
Civilian noninstitutional population	21,211	21,516	8,466	8,628	10,594	10,784	2,152	2,105
Civilian labor force	13,393	13,469	6,193	6,373	6,413	6,370	787	726
Percent of population	63.1	62.6	73.1	73.9	60.5	59.1	36.6	34.5
Employed	11,954	11,800	5,558	5,610	5,837	5,755	559	435
Agriculture	117	111	100	99	13	13	3	-
Nonagricultural industries	11,837	11,689	5,458	5,511	5,824	5,742	555	435
Unemployed	1,440	1,669	635	762	576	615	228	292
Unemployment rate	10.7	12.4	10.3	12.0	9.0	9.7	29.0	40.1
Not in labor force	7,818	8,047	2,273	2,255	4,180	4,414	1,365	1,379

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-7. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, years of school completed, sex, race, and Hispanic origin

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	March 1991									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL ENROLLED										
Total, 16 to 24 years	15,813	7,524	47.6	6,554	1,183	5,371	970	140	830	12.9
16 to 19 years	10,489	4,402	42.0	3,631	252	3,379	771	79	692	17.5
20 to 24 years	5,324	3,122	58.6	2,923	931	1,992	199	61	138	6.4
High school	8,154	3,186	39.1	2,549	134	2,415	637	56	582	20.0
College	7,658	4,338	56.6	4,005	1,049	2,956	333	84	248	7.7
Full-time students	6,511	3,329	51.1	3,050	470	2,580	278	53	225	8.4
Part-time students	1,147	1,009	88.0	955	579	375	54	31	23	5.4
Men, 16 to 24 years	7,998	3,769	47.1	3,174	606	2,567	596	84	511	15.8
16 to 19 years	5,350	2,218	41.4	1,746	128	1,618	471	41	430	21.2
20 to 24 years	2,647	1,552	58.6	1,427	478	949	125	44	81	8.0
High school	4,275	1,696	39.7	1,297	84	1,214	398	33	365	23.5
College	3,723	2,074	55.7	1,876	523	1,354	197	51	146	9.5
Full-time students	3,225	1,613	50.0	1,453	283	1,190	160	31	129	9.9
Part-time students	498	460	92.4	423	259	164	37	21	17	8.1
Women, 16 to 24 years	7,815	3,754	48.0	3,380	577	2,804	374	56	319	10.0
16 to 19 years	5,138	2,164	42.5	1,884	124	1,760	300	38	262	13.7
20 to 24 years	2,677	1,570	58.7	1,496	453	1,043	74	17	57	4.7
High school	3,880	1,491	38.4	1,251	50	1,201	239	23	216	16.0
College	3,935	2,264	57.5	2,129	527	1,602	135	33	102	6.0
Full-time students	3,286	1,715	52.2	1,597	207	1,391	116	22	96	6.9
Part-time students	649	549	84.6	531	320	211	17	11	7	3.2
White										
Total, 16 to 24 years	12,825	6,543	51.0	5,813	1,021	4,792	729	109	620	11.1
16 to 19 years	8,367	3,807	45.5	3,224	217	3,007	583	61	521	15.3
20 to 24 years	4,458	2,736	61.4	2,589	804	1,785	147	48	98	5.4
Men	6,509	3,298	50.7	2,836	538	2,298	462	67	396	14.0
Women	6,317	3,244	51.4	2,977	483	2,494	267	43	224	8.2
High school	6,414	2,765	43.1	2,289	116	2,171	477	37	439	17.2
College	6,412	3,777	58.9	3,525	903	2,622	253	72	180	6.7
Full-time students	5,426	2,899	53.4	2,883	394	2,289	216	47	169	7.4
Part-time students	986	878	89.1	642	509	333	37	25	12	4.2
Black										
Total, 16 to 24 years	2,174	708	32.6	503	119	384	205	29	176	29.0
16 to 19 years	1,588	441	27.8	275	19	256	166	17	149	37.6
20 to 24 years	587	267	45.6	228	100	128	39	12	27	14.7
Men	1,068	345	32.3	230	53	177	115	16	99	33.3
Women	1,106	363	32.8	273	66	207	90	13	77	24.6
High school	1,330	327	24.6	185	10	175	143	17	126	43.6
College	844	381	45.1	319	109	210	62	12	50	16.4
Full-time students	728	284	39.0	234	53	182	49	5	44	17.4
Part-time students	116	97	84.0	84	56	28	13	7	6	13.3
Hispanic origin										
Total, 16 to 24 years	1,364	538	39.4	436	109	327	102	22	60	19.0
16 to 19 years	1,007	327	32.4	247	34	213	80	16	64	24.4
20 to 24 years	357	211	59.1	189	75	114	22	6	16	10.6
Men	677	276	41.1	213	58	155	65	13	53	23.5
Women	687	260	37.8	223	51	172	37	9	28	14.1
High school	895	270	30.2	199	30	168	71	10	62	26.5
College	470	268	57.1	236	79	159	31	12	18	11.4
Full-time students	348	176	50.5	149	29	120	27	12	16	15.4
Part-time students	122	92	75.9	89	50	39	4	1	3	3.9

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, years of school completed, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	March 1991									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL NOT ENROLLED										
Total, 16 to 24 years	15,502	12,480	80.5	10,793	9,087	1,706	1,687	1,512	176	13.5
16 to 19 years	3,015	2,163	71.7	1,689	1,187	502	474	413	61	21.9
20 to 24 years	12,487	10,317	82.6	9,104	7,899	1,204	1,214	1,099	115	11.8
Less than 4 years of high school	3,858	2,341	60.7	1,795	1,377	418	546	492	54	23.3
4 years of high school	7,830	6,608	84.4	5,733	4,806	927	876	779	97	13.3
1 to 3 years of college	2,427	2,190	90.2	1,986	1,721	265	204	183	20	9.3
4 years of college or more	1,387	1,340	96.7	1,279	1,182	97	62	58	4	4.6
Men, 16 to 24 years	7,488	6,769	90.4	5,745	5,076	669	1,025	957	68	15.1
16 to 19 years	1,457	1,182	81.2	921	720	201	262	237	25	22.1
20 to 24 years	6,031	5,587	92.6	4,824	4,356	468	763	720	43	13.7
Less than 4 years of high school	1,976	1,563	79.1	1,196	989	207	367	344	23	23.5
4 years of high school	3,820	3,589	94.0	3,085	2,738	346	505	473	31	14.1
1 to 3 years of college	1,072	1,013	94.6	894	800	94	119	108	11	11.8
4 years of college or more	620	603	97.4	570	548	21	34	31	3	5.6
Women, 16 to 24 years	8,015	5,711	71.3	5,048	4,011	1,038	663	555	108	11.6
16 to 19 years	1,558	981	62.9	769	467	302	212	176	36	21.6
20 to 24 years	6,456	4,730	73.3	4,280	3,544	736	451	379	72	9.5
Less than 4 years of high school	1,882	778	41.3	599	388	211	179	148	31	23.0
4 years of high school	4,010	3,019	75.3	2,648	2,067	580	371	306	68	12.3
1 to 3 years of college	1,356	1,177	86.8	1,092	921	171	85	75	10	7.2
4 years of college or more	767	737	96.1	709	633	76	28	27	1	3.8
White										
Total, 16 to 24 years	12,633	10,451	82.7	9,228	7,856	1,372	1,223	1,108	115	11.7
16 to 19 years	2,412	1,828	75.8	1,487	1,068	419	341	306	35	18.7
20 to 24 years	10,222	8,623	84.4	7,741	8,788	953	882	801	81	10.2
Men	6,144	5,695	92.7	4,925	4,411	514	770	717	53	13.5
Women	6,489	4,756	73.3	4,303	3,445	859	453	391	62	9.5
Less than 4 years of high school	3,027	1,968	65.0	1,554	1,210	345	414	376	38	21.0
4 years of high school	6,338	5,443	85.9	4,827	4,107	721	615	556	59	11.3
1 to 3 years of college	2,030	1,836	90.4	1,693	1,474	219	143	129	13	7.6
4 years of college or more	1,239	1,205	97.2	1,154	1,065	89	51	46	5	4.2
Black										
Total, 16 to 24 years	2,386	1,883	79.3	1,270	979	292	413	356	57	24.5
16 to 19 years	517	285	55.1	160	90	70	126	100	26	44.1
20 to 24 years	1,869	1,398	74.8	1,111	889	222	287	256	31	20.5
Men	1,098	878	80.0	647	514	133	231	216	15	26.3
Women	1,288	805	62.5	623	464	159	182	139	42	22.6
Less than 4 years of high school	693	305	44.1	181	116	65	124	108	16	40.6
4 years of high school	1,284	1,007	78.4	777	595	182	230	196	34	22.9
1 to 3 years of college	320	286	89.5	235	197	38	51	44	7	17.9
4 years of college or more	90	84	94.1	77	70	7	7	7	-	6.3
Hispanic origin										
Total, 16 to 24 years	2,119	1,555	73.4	1,345	1,140	205	209	200	9	13.5
16 to 19 years	442	294	66.6	231	174	57	63	64	-	21.5
20 to 24 years	1,677	1,260	75.2	1,114	967	148	146	137	10	11.6
Men	1,127	1,007	89.4	863	771	92	144	141	3	14.3
Women	992	548	55.2	482	370	112	66	80	6	12.0
Less than 4 years of high school	1,086	714	65.7	590	503	88	123	118	5	17.3
4 years of high school	771	613	79.5	538	454	84	75	72	3	12.2
1 to 3 years of college	202	171	84.6	165	134	31	6	7	-	3.5
4 years of college or more	60	57	(²)	52	50	2	5	3	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. 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. 1990	Mar. 1991	Total		Employed		Unemployed			
			Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Number		Percent of labor force	
							Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,590	7,739	6,948	7,043	6,700	6,668	249	376	3.6	5.3
35 to 49 years	6,519	6,477	6,183	6,132	5,951	5,784	231	348	3.7	5.7
35 to 39 years	1,499	1,236	1,416	1,178	1,360	1,078	56	100	4.0	8.5
40 to 44 years	3,329	3,149	3,193	2,974	3,078	2,807	116	168	3.6	5.6
45 to 49 years	1,691	2,092	1,573	1,980	1,513	1,900	60	80	3.8	4.1
50 years and over	1,071	1,262	766	911	749	884	17	28	2.3	3.0
NONVETERANS										
Total, 35 to 49 years	16,927	18,003	15,840	16,914	15,180	15,924	660	989	4.2	5.8
35 to 39 years	7,753	8,224	7,386	7,798	7,076	7,324	311	474	4.2	6.1
40 to 44 years	4,951	5,603	4,574	5,250	4,391	4,948	183	303	4.0	5.8
45 to 49 years	4,223	4,175	3,879	3,866	3,713	3,653	166	213	4.3	5.5

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

**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 1991							
	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	94,864	92,489	2,375	20,775	17,141	3,634	7,201	1,603
16 to 19 years	1,439	1,366	73	3,881	3,543	337	492	753
16 to 17 years	139	134	5	1,754	1,710	44	89	418
18 to 19 years	1,300	1,232	68	2,127	1,833	294	403	336
20 years and over	93,425	91,123	2,302	16,894	13,598	3,296	6,709	850
20 to 24 years	8,830	8,483	348	3,196	2,526	670	1,160	252
25 years and over	84,595	82,640	1,955	13,697	11,072	2,626	5,549	598
25 to 54 years	73,696	72,074	1,621	9,874	7,650	2,224	5,047	426
55 years and over	10,899	10,566	333	3,823	3,421	402	502	172
Men, 16 years and over	55,794	54,362	1,432	6,865	5,304	1,561	4,647	722
16 to 19 years	848	810	38	1,819	1,652	167	277	456
20 years and over	54,946	53,552	1,394	5,046	3,652	1,394	4,369	267
20 to 24 years	4,834	4,625	209	1,417	1,081	336	764	124
25 years and over	50,112	48,927	1,185	3,629	2,571	1,058	3,606	143
25 to 54 years	43,317	42,311	1,006	2,095	1,189	906	3,241	67
55 years and over	6,795	6,616	179	1,535	1,382	152	365	76
Women, 16 years and over	39,070	38,127	943	13,909	11,837	2,072	2,554	881
16 to 19 years	591	556	35	2,062	1,892	170	214	298
20 years and over	38,479	37,571	908	11,848	9,945	1,902	2,339	583
20 to 24 years	3,996	3,858	139	1,779	1,445	334	396	129
25 years and over	34,483	33,713	770	10,068	8,500	1,568	1,943	455
25 to 54 years	30,379	29,763	615	7,779	6,461	1,318	1,806	359
55 years and over	4,104	3,950	154	2,289	2,039	250	137	96
White								
Men, 16 years and over	48,814	47,586	1,228	5,907	4,685	1,223	3,704	576
16 to 19 years	761	726	34	1,608	1,476	131	221	352
20 years and over	48,053	46,860	1,193	4,300	3,208	1,091	3,483	225
20 to 24 years	4,188	4,002	186	1,204	967	237	563	97
25 years and over	43,865	42,858	1,007	3,095	2,241	854	2,921	128
25 to 54 years	37,815	36,967	848	1,705	983	723	2,585	64
55 years and over	6,049	5,890	159	1,390	1,259	132	335	63
Women, 16 years and over	32,826	32,070	755	12,408	10,721	1,687	1,883	663
16 to 19 years	524	496	28	1,818	1,688	130	147	204
20 years and over	32,302	31,574	728	10,590	9,033	1,557	1,736	459
20 to 24 years	3,404	3,299	105	1,535	1,270	265	287	82
25 years and over	28,898	28,276	622	9,055	7,763	1,292	1,449	377
25 to 54 years	25,372	24,884	489	7,044	5,961	1,083	1,341	290
55 years and over	3,526	3,392	134	2,011	1,802	209	108	87
Black								
Men, 16 years and over	5,113	4,945	168	710	420	290	777	128
16 to 19 years	61	58	3	152	121	31	53	90
20 years and over	5,052	4,887	165	558	299	259	724	38
20 to 24 years	506	486	20	158	73	85	179	24
25 years and over	4,546	4,401	145	400	226	174	545	14
25 to 54 years	3,987	3,858	129	286	130	156	523	2
55 years and over	560	544	16	114	96	18	22	12
Women, 16 years and over	4,834	4,682	152	1,143	814	328	578	186
16 to 19 years	48	42	6	174	139	36	63	86
20 years and over	4,786	4,641	146	968	676	293	515	101
20 to 24 years	483	450	33	192	127	65	89	34
25 years and over	4,304	4,190	113	777	549	228	426	67
25 to 54 years	3,853	3,757	96	552	351	200	410	58
55 years and over	451	433	18	225	198	27	16	9

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 1991									
	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	99,140	66.1	92,241	6,899	7.0	50,749	21,391	8,478	2,576	18,304
Husbands	39,977	78.0	38,036	1,941	4.9	11,286	204	187	932	9,962
With employed wife	26,449	91.9	25,294	1,155	4.4	2,342	105	85	366	1,785
With unemployed wife	1,194	90.0	1,044	150	12.5	132	10	8	26	88
With wife not in labor force	12,334	58.3	11,699	636	5.2	8,811	89	94	540	8,089
Wives	30,117	58.8	28,791	1,326	4.4	21,145	16,413	457	452	3,824
With employed husband	26,337	69.2	25,294	1,044	4.0	11,699	10,217	367	177	938
With unemployed husband	1,305	67.2	1,155	150	11.5	636	546	25	23	41
With husband not in labor force	2,475	21.9	2,342	132	5.3	8,811	5,650	65	252	2,845
Relatives in married-couple families	12,267	60.0	10,723	1,544	12.6	8,164	797	5,488	322	1,557
16 to 19 years	4,162	48.0	3,522	640	15.4	4,501	115	4,063	21	303
20 to 24 years	4,455	72.5	4,001	454	10.2	1,692	163	1,249	26	253
25 years and over	3,650	64.9	3,200	450	12.3	1,971	519	176	275	1,001
Women who maintain families	7,065	62.1	6,438	628	8.9	4,310	2,766	259	308	977
Relatives in families maintained by women	5,540	58.3	4,572	967	17.5	3,963	814	1,684	366	1,100
16 to 19 years	1,232	43.4	873	359	29.1	1,604	104	1,300	20	180
20 to 24 years	1,553	70.9	1,294	259	16.7	636	149	301	27	159
25 years and over	2,754	61.5	2,405	349	12.7	1,723	561	83	319	761
Men who maintain families	2,317	76.5	2,096	221	9.5	713	61	51	103	498
Relatives in families maintained by men	1,858	61.4	1,585	273	14.7	1,167	336	352	93	386
16 to 19 years	286	48.9	222	63	22.2	299	13	251	1	34
20 to 24 years	451	74.2	383	67	14.9	157	36	77	2	42
25 years and over	1,123	61.2	980	143	12.7	711	287	24	90	310

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. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
Total, 16 years and over	3,847	5,369	5.7	7.9	2,849	3,435	5.1	6.1
Married, spouse present	1,517	2,154	3.6	5.1	1,102	1,436	3.6	4.6
Widowed, divorced, or separated	523	766	7.3	10.3	622	753	5.6	6.7
Single (never married)	1,808	2,449	10.0	13.4	1,125	1,246	8.0	8.8
White, 16 years and over	2,956	4,281	5.0	7.3	2,062	2,546	4.3	5.3
Married, spouse present	1,254	1,850	3.3	4.9	917	1,224	3.4	4.4
Widowed, divorced, or separated	389	603	6.5	9.8	436	563	4.9	6.2
Single (never married)	1,313	1,828	8.7	12.1	709	758	6.3	6.8
Black, 16 years and over	756	905	11.5	13.5	683	764	10.0	11.3
Married, spouse present	204	216	6.3	6.8	135	149	5.6	6.2
Widowed, divorced, or separated	109	147	11.5	13.6	156	176	7.8	9.3
Single (never married)	443	542	18.4	21.8	393	439	16.3	17.8
Total, 25 years and over	2,603	3,749	4.6	6.5	1,889	2,398	4.1	5.1
Married, spouse present	1,408	2,002	3.5	4.9	963	1,238	3.3	4.3
Widowed, divorced, or separated	508	745	7.3	10.3	571	675	5.3	6.2
Single (never married)	688	1,002	7.6	10.5	356	484	5.4	7.0
White, 25 years and over	2,040	3,048	4.1	6.1	1,370	1,826	3.5	4.6
Married, spouse present	1,170	1,716	3.2	4.7	789	1,051	3.1	4.1
Widowed, divorced, or separated	376	584	6.5	9.8	397	507	4.6	5.8
Single (never married)	495	749	6.7	9.7	183	268	3.7	5.1
Black, 25 years and over	463	559	8.7	10.2	434	492	7.8	8.8
Married, spouse present	183	200	5.9	6.6	125	132	5.6	5.9
Widowed, divorced, or separated	108	145	11.4	13.6	146	158	7.5	8.6
Single (never married)	172	214	13.2	15.2	164	202	11.8	13.7

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
Total, 16 years and over	6,697	8,804	5.4	7.1	5.7	7.9	5.1	6.1
Managerial and professional specialty	574	801	1.8	2.5	1.7	2.5	2.0	2.5
Executive, administrative, and managerial	325	462	2.2	3.0	2.0	3.0	2.4	3.1
Professional specialty	250	339	1.5	2.1	1.4	1.9	1.7	2.1
Technical, sales, and administrative support	1,455	1,971	3.8	5.2	3.4	4.8	4.0	5.4
Technicians and related support	99	125	2.5	3.1	2.4	3.3	2.5	3.0
Sales occupations	667	904	4.5	6.1	3.3	4.8	5.6	7.6
Administrative support, including clerical	689	941	3.5	4.8	4.2	5.5	3.4	4.7
Service occupations	1,056	1,354	6.4	7.9	6.6	9.4	6.2	6.9
Private household	49	36	6.1	4.5	(¹)	(¹)	5.8	4.9
Protective service	65	109	3.1	5.1	3.0	5.2	3.7	4.7
Service, except private household and protective	942	1,209	6.9	8.5	8.0	10.9	6.3	7.1
Precision production, craft, and repair	864	1,246	6.0	8.8	6.1	8.8	4.7	8.6
Mechanics and repairers	156	257	3.4	5.5	3.4	5.5	2.9	5.2
Construction trades	521	735	9.5	13.5	9.5	13.6	9.0	8.3
Other precision production, craft, and repair	188	254	4.4	6.2	4.3	5.3	4.5	9.2
Operators, fabricators, and laborers	1,827	2,336	9.5	12.3	9.2	12.6	10.6	11.4
Machine operators, assemblers, and inspectors	752	1,020	8.8	11.9	7.6	11.6	10.5	12.3
Transportation and material moving occupations	372	506	7.3	9.5	7.6	9.9	4.0	5.5
Handlers, equipment cleaners, helpers, and laborers	703	810	12.8	15.8	12.6	16.8	14.0	11.0
Construction laborers	183	234	20.6	29.7	20.3	29.6	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	519	576	11.3	13.3	10.8	14.0	13.7	10.4
Farming, forestry, and fishing	254	374	7.8	11.2	7.9	11.2	7.3	11.0
No previous work experience	631	695	-	-	-	-	-	-
16 to 19 years	408	479	-	-	-	-	-	-
20 to 24 years	109	105	-	-	-	-	-	-
25 years and over	114	111	-	-	-	-	-	-

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. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
Total, 16 years and over	8,697	8,804	5.4	7.1	5.7	7.9	5.1	6.1
Nonagricultural private wage and salary workers	5,320	6,993	5.7	7.5	6.1	8.5	5.3	6.4
Mining	47	68	6.3	8.3	6.9	8.8	3.1	6.6
Construction	842	1,106	13.1	18.2	13.7	19.2	6.8	9.3
Manufacturing	1,282	1,724	5.9	8.0	4.9	7.6	7.8	8.9
Durable goods	740	1,085	5.7	8.7	5.3	8.8	6.8	8.4
Lumber and wood products	70	101	9.4	14.2	10.2	14.3	4.5	13.6
Furniture and fixtures	48	49	7.5	8.3	6.3	8.6	10.2	7.5
Stone, clay, and glass products	49	62	7.5	10.2	7.3	10.5	8.1	9.3
Primary metal industries	39	77	4.3	9.5	4.6	9.8	2.6	7.4
Fabricated metal products	98	121	7.3	9.9	6.7	10.0	9.3	9.7
Machinery, except electrical	109	158	4.3	6.0	4.0	5.8	5.5	6.8
Electrical machinery, equipment, and supplies	122	153	5.5	7.2	4.2	6.6	7.3	8.1
Transportation equipment	135	274	5.1	10.6	5.1	10.7	5.2	10.3
Automobiles	88	182	6.9	15.0	7.0	15.3	6.8	14.0
Other transportation equipment	47	92	3.4	6.8	3.4	6.8	3.5	6.6
Professional and photographic equipment	32	38	4.4	5.2	2.8	5.2	6.7	5.1
Other durable goods industries	38	52	6.8	10.2	5.2	9.8	8.2	11.5
Nondurable goods	542	639	6.1	7.1	4.2	5.6	8.8	9.3
Food and kindred products	155	179	8.3	9.4	5.4	7.1	13.6	14.2
Textile mill products	40	70	5.6	9.2	4.5	7.6	6.7	11.1
Apparel and other textile products	126	102	11.6	9.2	5.4	8.9	13.5	9.3
Paper and allied products	42	34	5.7	4.5	6.1	4.8	4.3	3.4
Printing and publishing	64	98	3.4	5.3	2.9	4.6	4.0	6.3
Chemicals and allied products	45	55	3.3	4.0	2.0	4.0	5.9	4.0
Rubber and miscellaneous plastics products	44	73	5.4	9.4	4.8	5.5	6.7	15.7
Other nondurable goods industries	26	29	7.0	6.7	4.0	3.8	10.7	11.8
Transportation and public utilities	235	381	3.7	5.8	4.3	6.8	2.3	3.5
Transportation	196	312	5.2	8.3	5.7	9.3	3.7	5.1
Communications and other public utilities	39	69	1.5	2.5	1.8	2.8	1.0	2.0
Wholesale and retail trade	1,496	1,938	6.4	8.1	6.1	8.0	6.8	8.3
Wholesale trade	172	254	4.0	5.5	4.0	5.0	3.8	6.7
Retail trade	1,324	1,683	7.0	8.8	6.8	9.0	7.2	8.5
Finance, insurance, and real estate	223	294	3.0	4.1	3.0	3.9	3.0	4.2
Service industries	1,196	1,483	4.5	5.5	5.1	6.4	4.2	5.0
Professional services	384	553	2.5	3.6	2.4	3.7	2.6	3.5
Other service industries	812	929	7.1	8.2	7.2	8.4	7.1	7.9
Agricultural wage and salary workers	213	287	12.5	16.9	12.9	17.0	11.2	16.7
Government, self-employed, and unpaid family workers	533	828	1.8	2.8	2.0	3.1	1.7	2.6
No previous work experience	631	695	-	-	-	-	-	-

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. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
NUMBER OF UNEMPLOYED												
Total unemployed	6,697	8,804	3,277	4,636	2,380	2,923	1,040	1,245	5,018	6,827	1,440	1,669
Job losers	3,378	5,155	2,176	3,444	980	1,454	221	256	2,644	4,121	633	858
On layoff	1,165	1,765	795	1,229	311	465	59	71	1,025	1,558	117	172
Other job losers	2,212	3,390	1,381	2,215	669	990	161	185	1,619	2,563	516	685
Job leavers	955	1,011	420	445	375	374	161	191	714	819	187	167
Reentrants	1,798	2,027	602	672	901	984	295	372	1,294	1,479	442	473
New entrants	565	611	79	75	123	111	363	426	365	407	177	173
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	50.4	58.6	66.4	74.3	41.2	49.8	21.2	20.6	52.7	60.4	44.0	51.4
On layoff	17.4	20.0	24.3	26.5	13.1	15.9	5.7	5.7	20.4	22.8	8.1	10.3
Other job losers	33.0	38.5	42.1	47.8	28.1	33.9	15.5	14.9	32.3	37.5	35.8	41.1
Job leavers	14.3	11.5	12.8	9.6	15.7	12.8	15.4	15.4	14.2	12.0	13.0	10.0
Reentrants	26.9	23.0	18.4	14.5	37.9	33.7	28.4	29.9	25.8	21.7	30.7	28.3
New entrants	8.4	6.9	2.4	1.6	5.2	3.8	34.9	34.2	7.3	6.0	12.3	10.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	2.7	4.1	3.4	5.3	1.9	2.7	3.1	3.9	2.5	3.9	4.7	6.4
Job leavers .....	.8	.8	.7	.7	.7	.7	2.3	2.9	.7	.8	1.4	1.2
Reentrants	1.5	1.6	.9	1.0	1.7	1.8	4.1	5.7	1.2	1.4	3.3	3.5
New entrants .....	.5	.5	.1	.1	.2	.2	5.1	6.5	.3	.4	1.3	1.3

**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 1991						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	8,804	100.0	35.8	36.3	28.0	16.8	11.2
Job losers	5,155	100.0	29.5	38.2	32.3	20.8	11.5
On layoff	1,765	100.0	38.6	37.0	24.4	20.5	3.8
Other job losers	3,390	100.0	24.7	38.9	36.4	20.9	15.5
Job leavers	1,011	100.0	43.8	32.6	23.6	11.4	12.1
Reentrants	2,027	100.0	43.9	33.5	22.6	12.3	10.3
New entrants	611	100.0	48.5	34.7	16.8	7.2	9.6
Men, 20 years and over	4,636	100.0	29.5	36.7	33.8	20.4	13.5
Job losers	3,444	100.0	27.4	38.0	34.6	22.3	12.3
On layoff	1,229	100.0	36.7	37.4	25.9	22.1	3.9
Other job losers	2,215	100.0	22.2	38.3	39.4	22.4	17.0
Job leavers	445	100.0	41.2	28.5	30.2	14.1	16.1
Reentrants	672	100.0	32.7	35.7	31.6	15.6	16.0
New entrants	75	100.0	28.4	32.2	39.5	11.5	28.0
Women, 20 years and over	2,923	100.0	38.8	36.8	24.4	14.4	10.0
Job losers	1,454	100.0	32.9	38.1	29.1	18.9	10.2
On layoff	465	100.0	42.8	35.9	21.3	17.6	3.7
Other job losers	990	100.0	28.2	39.1	32.7	19.5	13.2
Job leavers	374	100.0	40.1	37.2	22.7	10.5	12.2
Reentrants	984	100.0	46.1	34.7	19.2	10.4	8.8
New entrants	111	100.0	48.0	38.3	13.7	3.7	10.0
Both sexes, 16 to 19 years	1,245	100.0	52.0	33.3	14.7	9.3	5.4
Job losers	256	100.0	38.7	42.4	18.9	11.4	7.5
On layoff	71	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	185	100.0	36.4	44.2	19.4	10.7	8.7
Job leavers	191	100.0	57.3	33.0	9.7	7.0	2.7
Reentrants	372	100.0	58.2	26.3	15.5	11.3	4.2
New entrants	426	100.0	52.2	34.2	13.6	7.3	6.3

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. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
Total, 16 years and over	6,697	8,804	100.0	100.0	5,390	7,201	100.0	100.0
Less than 5 weeks	2,859	3,149	42.7	35.8	2,085	2,305	38.7	32.0
5 to 14 weeks	2,289	3,192	34.2	36.3	1,920	2,668	35.6	37.1
5 to 10 weeks	1,558	1,993	23.3	22.6	1,264	1,602	23.4	22.2
11 to 14 weeks	731	1,199	10.9	13.6	656	1,067	12.2	14.8
15 weeks and over	1,549	2,463	23.1	28.0	1,385	2,227	25.7	30.9
15 to 26 weeks	885	1,480	13.2	16.8	787	1,339	14.6	18.6
27 weeks and over	664	983	9.9	11.2	598	888	11.1	12.3
27 to 51 weeks	316	466	4.7	5.3	275	414	5.1	5.8
52 weeks and over	348	517	5.2	5.9	323	474	6.0	6.6
Average (mean) duration, in weeks	12.5	13.7	-	-	13.6	14.8	-	-
Median duration, in weeks	6.3	8.3	-	-	7.4	9.3	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
	March 1991										
Total, 16 years and over	8,804	3,149	3,192	1,480	983	13.7	8.3	42.7	35.8	23.1	28.0
16 to 19 years	1,245	647	415	116	67	8.4	4.3	59.5	52.0	11.9	14.7
20 to 24 years	1,412	528	552	216	116	11.4	7.6	48.4	37.4	15.7	23.5
25 to 34 years	2,609	888	1,012	460	249	13.2	8.5	41.0	34.0	23.5	27.2
35 to 44 years	1,844	583	667	356	238	15.5	9.8	35.1	31.6	27.6	32.2
45 to 54 years	1,020	296	323	220	181	18.1	10.7	34.5	29.0	34.2	39.4
55 to 64 years	553	165	181	102	105	18.1	10.7	32.3	29.9	36.1	37.3
65 years and over	122	42	42	10	28	17.6	8.6	32.6	34.3	30.5	31.6
Men, 16 years and over	5,369	1,753	1,929	1,010	677	15.1	9.3	38.2	32.6	27.8	31.4
16 to 19 years	733	385	229	67	52	8.9	4.3	58.7	52.6	14.1	16.2
20 to 24 years	888	308	344	150	86	12.4	8.4	47.0	34.6	18.0	26.6
25 to 34 years	1,602	478	621	328	174	14.5	9.6	35.8	29.8	29.2	31.4
35 to 44 years	1,096	303	401	242	150	17.3	11.2	29.4	27.7	33.7	35.7
45 to 54 years	610	152	202	137	118	20.2	11.7	26.8	25.0	39.2	41.8
55 to 64 years	368	98	115	78	78	19.8	12.0	26.1	26.5	39.1	42.3
65 years and over	73	29	17	8	20	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,435	1,396	1,262	470	306	11.5	6.8	48.7	40.6	16.9	22.6
16 to 19 years	512	262	186	49	15	7.6	4.4	60.5	51.1	9.2	12.5
20 to 24 years	525	221	208	66	30	9.7	6.6	50.3	42.1	12.6	18.3
25 to 34 years	1,007	410	391	132	74	11.1	6.9	47.9	40.7	15.9	20.5
35 to 44 years	748	260	266	114	88	13.0	7.4	42.2	37.4	19.9	27.0
45 to 54 years	410	143	120	83	63	15.1	9.5	47.0	35.0	26.1	35.7
55 to 64 years	185	68	66	23	27	14.7	8.0	44.4	36.6	30.3	27.5
65 years and over	49	13	25	2	9	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,827	2,417	2,503	1,213	693	13.2	8.3	43.8	35.4	22.6	27.9
Men	4,281	1,383	1,564	851	483	14.5	9.3	39.4	32.3	26.9	31.1
Women	2,546	1,034	939	362	211	11.1	6.8	50.1	40.6	16.5	22.5
Black, 16 years and over	1,669	614	573	221	260	15.4	8.0	38.6	36.8	25.0	28.9
Men	905	299	299	134	174	17.9	9.2	33.5	33.0	30.6	33.9
Women	764	315	275	88	87	12.5	6.6	44.3	41.3	18.7	22.8
Men, 16 years and over:											
Married, spouse present	2,154	623	822	441	268	15.6	10.5	33.4	28.9	31.5	32.9
Widowed, divorced, or separated	766	244	259	153	110	16.7	9.6	31.0	31.9	34.8	34.3
Single (never married)	2,449	886	848	415	299	14.1	8.1	44.3	36.2	22.6	29.2
Women, 16 years and over:											
Married, spouse present	1,436	573	515	214	134	11.6	7.0	47.8	39.9	17.7	24.2
Widowed, divorced, or separated	753	274	279	115	85	12.9	7.9	44.7	36.4	21.1	26.6
Single (never married)	1,246	549	469	141	87	10.5	6.0	51.8	44.1	13.8	18.3

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 1991							Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
OCCUPATION											
Managerial and professional specialty	801	261	277	140	123	15.7	9.5	42.3	32.6	23.7	32.8
Technical, sales, and administrative support	1,971	702	752	320	197	12.4	7.9	44.7	35.6	20.6	26.2
Service occupations	1,354	598	435	187	134	12.3	6.3	46.0	44.2	21.6	23.7
Precision production, craft, and repair	1,246	309	514	237	186	16.1	10.9	37.3	24.8	29.6	33.9
Operators, fabricators, and laborers	2,336	802	845	441	249	14.5	8.8	39.7	34.3	24.4	29.5
Farming, forestry, and fishing	374	131	124	87	31	13.3	10.0	29.5	35.0	23.6	31.6
INDUSTRY¹											
Agriculture	287	100	105	65	17	12.5	10.2	37.1	34.8	18.3	28.6
Construction	1,118	263	459	274	122	15.6	11.5	36.6	23.5	29.1	35.4
Manufacturing	1,733	580	621	316	217	15.0	9.1	40.0	33.5	25.3	30.8
Durable goods	1,088	372	396	192	129	14.8	8.7	36.0	34.2	30.3	29.4
Nondurable goods	646	208	225	124	88	15.3	9.8	45.5	32.2	18.3	32.8
Transportation and public utilities	441	105	167	105	64	17.1	11.5	39.8	23.8	28.6	38.5
Wholesale and retail trade	1,948	829	701	238	180	11.5	6.7	45.2	42.6	19.4	21.5
Finance and service industries	2,042	740	702	344	257	14.0	7.9	43.2	36.2	21.5	29.4
Public administration	195	69	67	33	26	13.7	8.8	31.4	35.4	33.3	30.3
No previous work experience	695	337	235	62	61	10.3	4.9	53.4	48.5	19.7	17.7

¹ Includes wage and salary workers only.

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

Sex, age, and race	March 1991								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,804	6,936	24.4	9.1	72.4	43.8	21.0	5.5	1.76
16 to 19 years	1,245	1,159	11.6	4.3	82.6	30.4	13.7	3.4	1.46
20 to 24 years	1,412	1,158	24.7	8.1	73.9	44.1	18.7	3.6	1.73
25 to 34 years	2,609	1,968	28.5	10.2	66.5	48.3	22.9	5.6	1.82
35 to 44 years	1,844	1,396	28.9	10.8	70.7	46.2	24.1	6.2	1.87
45 to 54 years	1,020	765	27.1	11.8	73.8	48.2	25.8	8.4	1.95
55 to 64 years	553	389	21.6	8.4	73.6	43.7	23.1	7.5	1.78
65 years and over	122	100	19.8	10.5	63.2	37.3	3.2	10.2	1.44
Men, 16 years and over	5,369	4,024	25.9	9.4	74.5	43.5	23.7	6.3	1.83
16 to 19 years	733	685	11.7	4.0	82.8	31.4	15.9	2.9	1.49
20 to 24 years	888	692	26.0	9.3	74.2	46.5	21.2	3.7	1.81
25 to 34 years	1,602	1,142	30.9	12.3	71.1	46.4	27.3	6.4	1.94
35 to 44 years	1,096	761	31.8	8.9	75.2	44.6	27.4	7.7	1.96
45 to 54 years	610	443	26.6	13.3	73.2	47.1	26.5	10.2	1.97
55 to 64 years	368	243	21.7	5.6	71.1	46.4	24.7	9.1	1.79
65 years and over	73	58	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,435	2,912	22.5	8.6	69.5	44.1	17.2	4.5	1.66
16 to 19 years	512	475	11.4	4.8	82.3	28.8	10.5	4.2	1.42
20 to 24 years	525	466	22.6	6.3	73.5	40.5	15.0	3.4	1.61
25 to 34 years	1,007	825	25.3	7.2	60.1	51.0	16.9	4.5	1.65
35 to 44 years	748	635	25.4	13.0	65.2	48.2	20.3	4.5	1.77
45 to 54 years	410	322	27.8	9.7	74.7	49.6	24.9	6.0	1.93
55 to 64 years	185	146	21.3	13.0	77.8	39.1	20.5	4.9	1.77
65 years and over	49	43	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,827	5,175	24.7	9.3	72.7	45.0	21.7	5.7	1.79
Men	4,281	3,090	25.8	9.2	74.9	44.2	23.9	6.7	1.85
Women	2,546	2,085	22.9	9.4	69.4	46.1	18.3	4.3	1.71
Black, 16 years and over	1,669	1,496	24.1	8.5	72.7	39.3	19.2	4.6	1.68
Men	905	778	26.5	10.2	74.2	40.2	24.1	4.4	1.80
Women	764	719	21.5	6.6	71.1	38.3	14.0	4.7	1.56

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 1991								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,804	6,936	24.4	9.1	72.4	43.8	21.0	5.5	1.76
Job losers ¹	5,155	3,348	30.7	11.7	71.8	48.5	24.9	5.7	1.93
Job leavers	1,011	978	23.9	8.5	71.7	45.7	19.3	3.4	1.73
Reentrants	2,027	1,999	18.6	6.3	72.0	38.8	16.7	6.3	1.59
New entrants	611	611	10.0	4.6	78.3	30.6	15.9	5.3	1.45
Men, 16 years and over	5,369	4,024	25.9	9.4	74.5	43.5	23.7	6.3	1.83
Job losers ¹	3,603	2,298	31.0	10.8	74.8	47.6	26.6	6.2	1.97
Job leavers	564	541	25.6	10.6	71.1	45.4	20.6	4.7	1.78
Reentrants	884	866	17.7	6.0	73.4	34.9	20.9	8.5	1.61
New entrants	319	318	11.9	6.1	82.0	35.0	15.4	3.2	1.54
Women, 16 years and over	3,435	2,912	22.5	8.6	69.5	44.1	17.2	4.5	1.66
Job losers ¹	1,552	1,049	30.2	13.6	65.5	50.7	21.2	4.6	1.86
Job leavers	446	437	21.8	6.0	72.5	46.2	17.8	1.8	1.66
Reentrants	1,144	1,133	19.4	6.5	70.9	41.8	13.5	4.6	1.57
New entrants	292	292	7.9	2.9	74.1	25.8	16.4	7.5	1.35

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. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
All industries	117,093	115,639	63,735	62,659	53,357	52,980
16 to 19 years	6,095	5,320	3,081	2,667	3,014	2,653
16 to 17 years	2,231	1,892	1,128	931	1,103	962
18 to 19 years	3,864	3,428	1,953	1,736	1,911	1,691
20 to 24 years	12,419	12,027	6,488	6,251	5,931	5,776
25 to 54 years	83,710	83,570	45,713	45,411	37,996	38,158
25 to 34 years	33,873	32,762	18,677	17,957	15,196	14,805
35 to 44 years	30,264	30,922	16,380	16,667	13,884	14,255
45 to 54 years	19,573	19,886	10,657	10,787	8,916	9,099
55 to 64 years	11,375	11,242	6,416	6,380	4,959	4,862
55 to 59 years	6,782	6,712	3,812	3,765	2,970	2,947
60 to 64 years	4,593	4,530	2,604	2,615	1,989	1,915
85 years and over	3,494	3,481	2,037	1,950	1,456	1,531
Agriculture	2,938	2,849	2,288	2,252	650	597
16 to 19 years	216	184	164	148	52	36
16 to 17 years	102	68	75	57	27	12
18 to 19 years	114	115	89	92	25	24
20 to 24 years	280	309	214	243	66	67
25 to 54 years	1,787	1,740	1,377	1,375	410	365
25 to 34 years	780	662	619	528	160	134
35 to 44 years	580	652	434	498	146	155
45 to 54 years	427	426	324	349	103	77
55 to 64 years	391	406	301	307	91	98
55 to 59 years	190	195	141	141	49	55
60 to 64 years	201	211	160	167	42	44
65 years and over	264	210	233	179	31	31
Nonagricultural industries	114,155	112,790	61,447	60,407	52,708	52,383
16 to 19 years	5,879	5,136	2,917	2,519	2,962	2,617
16 to 17 years	2,129	1,824	1,053	874	1,076	950
18 to 19 years	3,750	3,312	1,864	1,645	1,886	1,667
20 to 24 years	12,139	11,717	6,274	6,009	5,865	5,709
25 to 54 years	81,922	81,829	44,336	44,036	37,586	37,793
25 to 34 years	33,093	32,100	18,057	17,429	15,036	14,671
35 to 44 years	29,684	30,270	15,946	16,169	13,738	14,100
45 to 54 years	19,145	19,460	10,333	10,438	8,812	9,022
55 to 64 years	10,984	10,836	6,115	6,072	4,869	4,764
55 to 59 years	6,592	6,516	3,671	3,624	2,921	2,892
60 to 64 years	4,392	4,319	2,445	2,448	1,947	1,872
65 years and over	3,230	3,271	1,804	1,771	1,426	1,500

**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. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
Total	117,093	115,639	63,735	62,659	60,654	59,992	53,357	52,980	50,343	50,327
Managerial and professional specialty	30,746	30,994	16,686	16,620	16,594	16,529	14,061	14,374	13,904	14,268
Executive, administrative, and managerial	14,743	14,825	8,788	8,836	8,758	8,793	5,955	5,988	5,897	5,957
Officials and administrators, public administration	682	573	414	304	414	304	267	269	268	269
Other executive, administrative, and managerial	10,123	10,277	6,418	6,550	6,391	6,510	3,705	3,727	3,652	3,701
Management-related occupations	3,938	3,975	1,956	1,982	1,952	1,979	1,983	1,993	1,978	1,987
Professional specialty	16,003	16,169	7,898	7,784	7,836	7,736	8,106	8,385	8,006	8,311
Engineers	1,947	1,962	1,775	1,785	1,775	1,785	172	177	172	177
Mathematical and computer scientists	933	931	613	580	610	579	321	351	321	351
Natural scientists	374	421	275	315	275	315	99	106	99	106
Health diagnosing occupations	860	824	714	669	713	669	145	155	144	152
Health assessment and treating occupations	2,286	2,300	308	319	307	320	1,978	1,981	1,972	1,976
Teachers, college and university	820	832	533	511	519	509	287	321	277	316
Teachers, except college and university	4,164	4,200	1,143	1,119	1,130	1,107	3,021	3,082	2,983	3,049
Lawyers and judges	734	708	582	562	582	562	153	145	152	146
Other professional specialty occupations	3,886	3,991	1,955	1,924	1,926	1,891	1,931	2,067	1,886	2,038
Technical, sales, and administrative support	37,033	36,229	13,050	12,850	12,369	12,233	23,983	23,379	22,331	21,924
Technicians and related support	3,905	3,858	1,956	1,969	1,914	1,943	1,949	1,889	1,913	1,873
Health technologists and technicians	1,305	1,394	207	233	207	228	1,097	1,161	1,080	1,151
Engineering and science technicians	1,271	1,234	963	990	933	975	308	243	295	243
Technicians, except health, engineering, and science	1,329	1,230	786	745	774	741	543	484	538	480
Sales occupations	14,310	13,850	7,325	7,219	6,935	6,813	6,985	6,631	5,992	5,739
Supervisors and proprietors	3,908	3,767	2,536	2,563	2,519	2,535	1,372	1,203	1,339	1,177
Sales representatives, finance and business services	2,481	2,325	1,415	1,346	1,409	1,325	1,067	979	1,039	951
Sales representatives, commodities, except retail	1,587	1,529	1,240	1,199	1,240	1,187	347	330	336	322
Sales workers, retail and personal services	6,282	6,130	2,123	2,083	1,756	1,744	4,159	4,047	3,244	3,220
Sales-related occupations	51	98	11	26	11	23	40	72	35	69
Administrative support, including clerical	18,818	18,521	3,769	3,663	3,521	3,477	15,049	14,858	14,425	14,312
Supervisors	727	836	277	357	277	355	450	480	446	479
Computer equipment operators	787	743	252	226	247	211	536	516	511	491
Secretaries, stenographers, and typists	4,664	4,341	79	68	72	62	4,585	4,273	4,413	4,183
Financial records processing	2,531	2,457	221	227	216	221	2,309	2,230	2,262	2,197
Mail and message distributing	992	920	632	583	611	565	361	338	341	318
Other administrative support, including clerical	9,116	9,224	2,308	2,202	2,098	2,062	6,808	7,022	6,452	6,645
Service occupations	15,481	15,773	6,182	6,429	5,368	5,569	9,299	9,344	8,330	8,455
Private household	754	761	26	38	22	28	728	724	616	607
Protective service	2,032	2,032	1,750	1,729	1,718	1,695	282	303	266	288
Service, except private household and protective	12,694	12,980	4,405	4,663	3,628	3,846	8,289	8,317	7,448	7,561
Food service	5,165	5,264	2,051	2,160	1,462	1,549	3,114	3,104	2,542	2,608
Health service	2,069	2,040	214	212	204	187	1,854	1,828	1,783	1,768
Cleaning and building service	3,092	3,169	1,715	1,821	1,575	1,681	1,377	1,348	1,310	1,275
Personal service	2,369	2,507	426	471	387	429	1,944	2,036	1,812	1,911
Precision production, craft, and repair	13,503	12,987	12,356	11,874	12,110	11,675	1,147	1,113	1,116	1,102
Mechanics and repairers	4,398	4,431	4,251	4,273	4,166	4,199	147	158	144	157
Construction trades	4,980	4,696	4,884	4,604	4,782	4,510	96	92	92	92
Other precision production, craft, and repair	4,125	3,860	3,221	2,997	3,162	2,966	904	863	879	854
Operators, fabricators, and laborers	17,327	16,678	12,966	12,402	11,913	11,657	4,361	4,275	4,194	4,111
Machine operators, assemblers, and inspectors	7,789	7,554	4,682	4,518	4,508	4,408	3,107	3,036	3,046	2,956
Manufacturing industries	6,448	6,194	3,834	3,659	3,691	3,580	2,614	2,535	2,563	2,474
Durable goods	3,556	3,384	2,455	2,321	2,376	2,287	1,101	1,063	1,086	1,043
Nondurable goods	2,892	2,810	1,379	1,338	1,315	1,293	1,513	1,473	1,477	1,432
Nonmanufacturing industries	1,341	1,360	848	860	817	828	494	500	483	482
Transportation and material moving occupations	4,760	4,801	4,308	4,345	4,190	4,253	453	456	442	447
Motor vehicle operators	3,605	3,615	3,193	3,204	3,088	3,123	412	411	402	403
Other transportation and material moving occupations	1,155	1,186	1,115	1,141	1,102	1,130	40	45	40	44
Handlers, equipment cleaners, helpers, and laborers	4,778	4,322	3,977	3,539	3,215	2,997	801	783	706	707
Construction laborers	707	555	685	537	642	506	22	18	18	18
Other handlers, equipment cleaners, helpers, and laborers	4,071	3,767	3,291	3,003	2,572	2,491	779	766	689	689
Farming, forestry, and fishing	3,003	2,977	2,496	2,482	2,301	2,329	507	495	469	467
Farm operators and managers	1,230	1,169	1,052	994	1,043	987	178	175	176	171
Other farming, forestry, and fishing occupations	1,773	1,808	1,444	1,488	1,258	1,342	329	320	292	296

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
TOTAL						
Total, 16 years and over (thousands)	117,093	115,639	63,735	62,659	53,357	52,980
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	26.3	26.8	26.2	26.5	26.4	27.1
Executive, administrative, and managerial	12.6	12.8	13.8	14.1	11.2	11.3
Professional specialty	13.7	14.0	12.4	12.4	15.2	15.8
Technical, sales, and administrative support	31.6	31.3	20.5	20.5	44.9	44.1
Technicians and related support	3.3	3.3	3.1	3.1	3.7	3.6
Sales occupations	12.2	12.0	11.5	11.5	13.1	12.5
Administrative support, including clerical	16.1	16.0	5.9	5.8	28.2	28.0
Service occupations	13.2	13.6	9.7	10.3	17.4	17.6
Private household .....	.6	.7	-	.1	1.4	1.4
Protective service	1.7	1.8	2.7	2.8	.5	.6
Service, except private household and protective	10.8	11.2	6.9	7.4	15.5	15.7
Precision production, craft, and repair	11.5	11.2	19.4	19.0	2.1	2.1
Operators, fabricators, and laborers	14.8	14.4	20.3	19.8	8.2	8.1
Machine operators, assemblers, and inspectors	6.7	6.5	7.3	7.2	-5.8	5.7
Transportation and material moving occupations	4.1	4.2	6.8	6.9	.8	.9
Handlers, equipment cleaners, helpers, and laborers	4.1	3.7	6.2	5.6	1.5	1.5
Farming, forestry, and fishing	2.6	2.6	3.9	4.0	1.0	.9
White						
Total, 16 years and over (thousands)	101,273	99,955	55,835	54,721	45,438	45,234
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	27.4	28.0	27.3	27.6	27.4	28.4
Executive, administrative, and managerial	13.3	13.5	14.6	14.9	11.6	11.9
Professional specialty	14.1	14.4	12.7	12.7	15.8	16.5
Technical, sales, and administrative support	32.0	31.7	20.8	20.8	45.7	44.8
Technicians and related support	3.3	3.3	3.1	3.2	3.5	3.5
Sales occupations	12.8	12.5	12.1	12.2	13.7	13.0
Administrative support, including clerical	15.9	15.8	5.6	5.4	28.5	28.3
Service occupations	12.0	12.4	8.7	9.1	16.1	16.3
Private household .....	.5	.6	-	-	1.1	1.2
Protective service	1.6	1.6	2.6	2.6	.5	.5
Service, except private household and protective	9.9	10.2	6.1	6.5	14.5	14.6
Precision production, craft, and repair	11.9	11.6	19.9	19.5	2.1	2.0
Operators, fabricators, and laborers	14.0	13.7	19.2	18.8	7.6	7.4
Machine operators, assemblers, and inspectors	6.3	6.2	7.1	7.0	5.3	5.2
Transportation and material moving occupations	3.9	4.0	6.4	6.5	.9	.9
Handlers, equipment cleaners, helpers, and laborers	3.8	3.5	5.8	5.3	1.4	1.4
Farming, forestry, and fishing	2.7	2.7	4.1	4.1	1.1	1.1
Black						
Total, 16 years and over (thousands)	11,954	11,800	5,834	5,823	6,119	5,977
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	16.2	16.3	13.4	14.4	18.8	18.1
Executive, administrative, and managerial	7.3	7.2	6.5	7.4	8.0	7.0
Professional specialty	8.9	9.1	6.9	7.0	10.7	11.1
Technical, sales, and administrative support	28.4	28.3	16.6	16.9	39.7	39.4
Technicians and related support	3.0	2.9	2.2	2.4	3.8	3.3
Sales occupations	7.4	7.3	6.3	5.6	8.5	9.0
Administrative support, including clerical	17.9	18.2	8.0	8.9	27.4	27.2
Service occupations	22.3	23.4	17.5	19.1	27.0	27.6
Private household	1.5	1.4	-	.2	2.9	2.6
Protective service	2.7	2.9	4.5	4.5	1.1	1.4
Service, except private household and protective	18.1	19.1	13.0	14.5	23.0	23.6
Precision production, craft, and repair	9.1	9.1	16.3	16.0	2.3	2.4
Operators, fabricators, and laborers	22.4	21.5	33.4	30.9	12.0	12.3
Machine operators, assemblers, and inspectors	9.7	9.1	10.5	9.6	8.8	8.7
Transportation and material moving occupations	6.2	6.3	11.6	11.5	1.0	1.1
Handlers, equipment cleaners, helpers, and laborers	6.6	6.1	11.2	9.8	2.2	2.5
Farming, forestry, and fishing	1.5	1.4	2.8	2.6	.3	.2

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

(In thousands)

Age and sex	March 1991								
	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	103,772	922	18,061	84,789	8,765	253	1,413	1,319	117
16 to 19 years	5,071	140	288	4,643	59	6	138	15	30
16 to 17 years	1,792	82	57	1,652	31	2	46	3	19
18 to 19 years	3,280	58	231	2,991	28	4	92	11	12
20 to 24 years	11,435	78	1,120	10,236	264	19	247	53	9
25 to 34 years	30,138	143	4,324	25,672	1,921	41	408	247	6
35 to 44 years	27,543	160	5,859	21,524	2,664	63	311	322	20
45 to 54 years	17,451	148	3,892	13,412	1,936	72	157	247	22
55 to 64 years	9,528	161	2,073	7,295	1,269	39	112	277	16
55 to 59 years	5,785	81	1,306	4,399	705	26	54	129	13
60 to 64 years	3,743	80	767	2,896	563	13	59	149	3
65 years and over	2,605	92	505	2,007	653	13	39	158	13
Men, 16 years and over	54,738	105	8,272	46,362	5,642	27	1,111	1,102	39
16 to 19 years	2,478	17	118	2,342	37	5	110	13	25
16 to 17 years	855	12	22	821	19	1	39	1	16
18 to 19 years	1,623	6	96	1,521	18	4	71	11	9
20 to 24 years	5,833	11	510	5,312	168	7	200	40	3
25 to 34 years	16,219	21	1,980	14,218	1,206	4	321	206	1
35 to 44 years	14,487	27	2,591	11,869	1,680	2	235	261	2
45 to 54 years	9,186	12	1,807	7,367	1,248	3	133	213	3
55 to 64 years	5,205	8	1,026	4,172	865	2	83	225	-
55 to 59 years	3,160	4	646	2,510	464	-	37	103	-
60 to 64 years	2,045	4	379	1,662	401	2	46	121	-
65 years and over	1,330	9	239	1,082	437	4	29	144	5
Women, 16 years and over	49,034	817	9,789	38,427	3,123	226	302	218	77
16 to 19 years	2,594	123	170	2,301	22	1	28	2	5
16 to 17 years	937	71	35	831	12	1	7	2	3
18 to 19 years	1,657	52	134	1,471	11	-	21	-	2
20 to 24 years	5,602	68	610	4,925	95	12	47	14	6
25 to 34 years	13,919	122	2,344	11,453	715	37	88	41	5
35 to 44 years	13,056	133	3,268	9,655	983	61	76	61	18
45 to 54 years	8,265	136	2,084	6,045	687	69	24	34	19
55 to 64 years	4,323	153	1,047	3,123	404	37	29	53	17
55 to 59 years	2,625	77	659	1,889	241	26	16	25	13
60 to 64 years	1,698	76	388	1,234	163	11	13	27	3
65 years and over	1,275	84	267	925	216	9	10	14	8

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	March 1991												
	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	2,849	81	73	32	18	86	-	15	41	10	29	13	2,451
Mining	769	108	71	41	12	101	-	13	233	26	140	24	1
Construction	6,836	989	130	59	76	410	-	30	3,894	106	478	651	12
Manufacturing	20,221	2,539	1,825	767	694	2,273	-	404	3,660	6,194	751	1,027	88
Durable goods	11,755	1,537	1,238	503	266	1,201	-	214	2,478	3,384	366	494	76
Nondurable goods	8,465	1,002	587	264	428	1,072	-	189	1,182	2,810	386	533	12
Transportation and public utilities	8,158	943	487	281	331	2,167	-	256	1,308	130	1,781	466	9
Wholesale and retail trade	23,922	2,161	482	167	9,881	2,308	-	4,362	1,545	307	997	1,678	33
Wholesale trade	4,724	540	90	66	1,884	791	-	32	329	136	491	353	11
Retail trade	19,198	1,620	392	101	7,997	1,517	-	4,329	1,217	171	506	1,326	22
Finance, insurance, and real estate	7,793	1,966	241	133	1,847	3,070	-	269	154	10	15	21	69
Services	39,822	4,824	12,090	2,183	961	6,641	761	8,278	1,912	728	559	404	280
Private households	932	-	10	13	-	7	761	67	18	1	4	16	35
Other service industries	38,690	4,824	12,080	2,171	961	6,635	-	8,211	1,894	727	555	388	246
Professional services	26,121	2,766	10,708	1,752	160	4,853	-	4,779	394	226	321	99	63
Public administration	5,469	1,214	770	194	31	1,464	-	1,386	241	44	52	39	35

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. 1990	Mar. 1991	Total		Wage and salary workers ¹			
			Mar. 1990	Mar. 1991	Paid absences		Unpaid absences	
					Mar. 1990	Mar. 1991	Mar. 1990	Mar. 1991
Total, 16 years and over	4,784	4,504	4,679	4,363	2,190	1,883	1,887	1,869
Vacation	2,155	1,709	2,139	1,690	1,304	1,047	615	468
Illness	1,366	1,392	1,343	1,361	564	578	662	677
Bad weather	111	203	92	159	(²)	(²)	(²)	(²)
Industrial dispute	32	14	31	14	(²)	(²)	(²)	(²)
All other reasons	1,121	1,185	1,074	1,138	323	258	610	724
Men, 16 years and over	2,369	2,256	2,283	2,142	1,128	959	818	808
Vacation	1,092	875	1,079	862	693	552	265	209
Illness	674	689	652	663	296	323	293	286
All other reasons ²	604	693	552	617	139	83	260	313
Women, 16 years and over	2,415	2,247	2,395	2,221	1,063	925	1,069	1,062
Vacation	1,062	835	1,060	829	611	494	350	259
Illness	692	703	691	698	268	256	368	392
All other reasons ²	661	710	644	695	184	175	351	411

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 1991					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	111,135	2,709	108,426	100.0	100.0	100.0
1 to 34 hours	27,032	824	26,208	24.3	30.4	24.2
1 to 4 hours	805	30	775	.7	1.1	.7
5 to 14 hours	4,773	195	4,578	4.3	7.2	4.2
15 to 29 hours	13,550	407	13,142	12.2	15.0	12.1
30 to 34 hours	7,905	193	7,712	7.1	7.1	7.1
35 hours and over	84,103	1,885	82,219	75.7	69.6	75.8
35 to 39 hours	7,352	142	7,210	6.6	5.2	6.6
40 hours	44,825	652	44,173	40.3	24.1	40.7
41 hours and over	31,927	1,091	30,836	28.7	40.3	28.4
41 to 48 hours	11,248	157	11,091	10.1	5.8	10.2
49 to 59 hours	11,994	370	11,624	10.8	13.7	10.7
60 hours and over	8,685	563	8,122	7.8	20.8	7.5
Average hours, total at work	39.1	41.6	39.0	-	-	-
Average hours, workers on full-time schedules	43.6	48.3	43.5	-	-	-

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 1991					
	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	27,032	7,571	19,461	26,208	7,252	18,955
Economic reasons	6,009	2,375	3,634	5,765	2,273	3,492
Slack work	3,415	2,100	1,315	3,247	2,010	1,237
Material shortages or repairs to plant and equipment	43	43	-	43	43	-
New job started during week	161	181	-	151	151	-
Job terminated during week	72	72	-	70	70	-
Could find only part-time work	2,319	-	2,319	2,255	-	2,255
Other reasons	21,023	5,196	15,827	20,443	4,979	15,464
Does not want, or unavailable for, full-time work	13,159	-	13,159	12,883	-	12,883
Vacation	1,227	1,227	-	1,211	1,211	-
Illness	1,838	1,638	200	1,605	1,620	185
Bad weather	815	815	-	692	692	-
Industrial dispute	9	9	-	9	9	-
Legal or religious holiday	18	18	-	19	19	-
Full time for this job	1,703	-	1,703	1,675	-	1,675
All other reasons	2,254	1,489	765	2,149	1,429	720
Average hours:						
Economic reasons	22.7	24.9	21.3	22.9	25.0	21.6
Other reasons	20.9	25.9	19.3	21.0	26.0	19.3
Worked 30 to 34 hours:						
Economic reasons	2,209	1,169	1,040	2,149	1,129	1,020
Other reasons	5,696	2,704	2,992	5,563	2,624	2,939

**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 1991								Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules						
				Total	40 hours or less	41 to 48 hours	49 hours or more			
Total, 16 years and over	108,426	5,765	15,464	87,198	56,361	11,091	19,745	39.0	43.5	
Wage and salary workers	99,973	5,013	13,932	81,028	53,559	10,419	17,050	38.9	43.2	
Mining	707	13	17	677	365	117	195	45.7	46.7	
Construction	5,175	419	243	4,512	3,191	478	843	39.2	41.8	
Manufacturing	19,158	764	567	17,827	11,655	2,707	3,466	41.8	43.2	
Durable goods	11,109	338	237	10,534	6,961	1,527	2,045	42.1	43.0	
Nondurable goods	8,049	425	330	7,294	4,694	1,179	1,420	41.5	43.4	
Transportation and public utilities	7,479	228	458	6,793	4,337	970	1,486	41.8	43.8	
Wholesale and retail trade	21,255	1,570	5,121	14,565	8,921	2,060	3,585	36.5	43.8	
Finance, insurance, and real estate	6,907	138	636	6,133	4,169	712	1,252	40.2	42.7	
Service industries	34,008	1,826	6,674	25,508	17,154	2,890	5,464	37.3	43.2	
Private households	890	189	374	327	209	51	67	27.2	45.3	
All other industries	33,118	1,637	6,300	25,180	16,945	2,839	5,397	37.6	43.2	
Public administration	5,284	55	215	5,013	3,767	485	760	41.1	42.2	
Self-employed workers	8,200	738	1,433	6,029	2,722	653	2,655	40.1	47.9	
Unpaid family workers	253	15	99	140	81	18	40	34.1	43.6	

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Sex, age, race, and marital status	March 1991							
	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	108,426	5,765	15,464	87,198	56,361	30,836	39.0	43.5
16 to 19 years	4,971	385	3,308	1,279	1,078	201	22.4	39.3
16 to 17 years	1,760	43	1,595	121	113	9	16.2	35.2
18 to 19 years	3,212	342	1,713	1,157	965	192	25.9	39.7
20 years and over	103,455	5,380	12,156	85,919	55,284	30,635	39.8	43.6
20 to 24 years	11,246	981	2,275	7,990	5,869	2,122	35.7	41.9
25 years and over	92,209	4,400	9,880	77,929	49,415	28,514	40.3	43.8
25 to 44 years	60,185	2,951	5,410	51,824	32,333	19,491	40.9	43.9
45 to 64 years	29,011	1,297	3,033	24,681	16,043	8,638	40.2	43.6
65 years and over	3,012	150	1,436	1,426	1,041	384	29.2	41.9
Men, 16 years and over	58,265	2,801	4,621	50,843	29,359	21,484	41.8	44.9
16 to 19 years	2,451	184	1,531	736	601	136	23.6	39.4
16 to 17 years	857	23	760	75	70	5	16.9	35.1
18 to 19 years	1,594	162	771	661	530	131	27.2	39.9
20 years and over	55,814	2,617	3,090	50,106	28,759	21,348	42.6	45.0
20 to 24 years	5,809	516	982	4,311	2,928	1,383	37.2	42.9
25 years and over	50,004	2,101	2,108	45,795	25,830	19,965	43.2	45.2
25 to 44 years	32,568	1,460	805	30,303	16,704	13,599	43.9	45.5
45 to 64 years	15,800	584	586	14,630	8,543	6,087	43.1	44.9
65 years and over	1,638	58	717	863	584	279	31.0	42.8
Women, 16 years and over	50,162	2,964	10,843	36,355	27,002	9,353	35.7	41.6
16 to 19 years	2,520	200	1,777	542	477	65	21.2	39.1
16 to 17 years	902	20	836	47	42	4	15.4	(¹)
18 to 19 years	1,618	180	942	496	435	61	24.5	39.4
20 years and over	47,641	2,763	9,066	35,812	26,525	9,287	36.5	41.6
20 to 24 years	5,437	465	1,293	3,679	2,940	739	34.1	40.7
25 years and over	42,204	2,298	7,773	32,133	23,585	8,548	36.8	41.7
25 to 44 years	27,617	1,492	4,605	21,520	15,627	5,893	37.3	41.8
45 to 64 years	13,213	714	2,448	10,051	7,500	2,551	36.9	41.7
65 years and over	1,375	92	720	563	456	105	26.9	40.5
RACE								
White, 16 years and over	93,534	4,678	13,889	74,966	46,994	27,972	39.1	43.8
Men	50,806	2,286	4,087	44,433	24,802	19,631	42.0	45.2
Women	42,727	2,393	9,802	30,533	22,192	8,341	35.6	41.7
Black, 16 years and over	11,236	918	1,125	9,193	7,276	1,917	37.9	41.5
Men	5,486	440	364	4,682	3,468	1,213	39.4	42.5
Women	5,750	478	761	4,511	3,808	703	36.4	40.5
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	37,389	1,336	1,453	34,600	19,053	15,547	43.6	45.4
Widowed, divorced, or separated	6,173	405	295	5,473	3,213	2,260	42.3	45.0
Single (never married)	14,703	1,060	2,873	10,770	7,093	3,676	36.9	43.3
Women, 16 years and over:								
Married, spouse present	27,941	1,413	6,280	20,248	15,274	4,974	35.7	41.3
Widowed, divorced, or separated	9,958	670	1,277	8,011	5,733	2,278	38.1	42.1
Single (never married)	12,262	881	3,286	8,095	5,995	2,100	33.9	41.8

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 1991								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over¹	108,310	5,733	15,496	87,081	56,197	11,087	19,797	39.0	43.5
Managerial and professional specialty	29,849	652	2,827	26,370	14,306	3,329	8,736	42.6	45.6
Executive, administrative, and managerial	14,343	255	746	13,342	6,654	1,732	4,956	44.7	46.5
Professional specialty	15,506	397	2,081	13,028	7,652	1,597	3,780	40.6	44.7
Technical, sales, and administrative support	34,974	1,479	6,356	27,139	18,629	3,321	5,189	37.7	42.7
Technicians and related support	3,733	110	412	3,212	2,191	432	588	39.7	42.6
Sales occupations	13,360	764	2,773	9,823	5,251	1,305	3,267	38.8	45.5
Administrative support, including clerical	17,881	606	3,171	14,104	11,187	1,584	1,333	36.4	40.7
Service occupations	15,108	1,511	4,315	9,282	6,842	960	1,481	33.5	42.2
Private household	739	143	338	258	160	47	51	26.5	45.2
Protective service	1,935	61	183	1,691	1,037	222	432	41.8	45.2
Service, except private household and protective	12,435	1,308	3,794	7,333	5,645	691	998	32.6	41.5
Precision production, craft, and repair	12,439	834	464	11,140	7,454	1,599	2,087	40.5	42.7
Operators, fabricators, and laborers	15,940	1,257	1,533	13,149	8,966	1,879	2,305	39.2	42.9
Machine operators, assemblers, and inspectors	7,285	551	309	6,424	4,724	890	810	39.9	42.0
Transportation and material moving occupations	4,527	273	415	3,839	2,072	621	1,146	42.1	45.7
Handlers, equipment cleaners, helpers, and laborers	4,128	434	809	2,866	2,170	368	348	34.9	41.2
Men, 16 years and over¹	58,045	2,772	4,613	50,660	29,164	6,974	14,522	41.8	45.0
Managerial and professional specialty	16,084	333	749	15,002	6,923	1,897	6,182	45.4	47.4
Executive, administrative, and managerial	8,554	155	249	8,151	3,432	1,068	3,651	46.7	48.1
Professional specialty	7,530	178	500	6,852	3,491	829	2,531	44.0	46.5
Technical, sales, and administrative support	12,509	345	1,283	10,880	5,821	1,580	3,479	42.2	45.6
Technicians and related support	1,924	57	103	1,765	1,108	255	402	41.7	43.5
Sales occupations	7,043	169	781	6,093	2,644	861	2,587	43.9	47.6
Administrative support, including clerical	3,542	119	400	3,023	2,069	464	490	39.2	42.6
Service occupations	6,188	527	1,219	4,443	3,119	513	811	36.5	43.3
Private household	38	9	20	9	2	-	7	(²)	(²)
Protective service	1,648	41	126	1,481	889	195	397	42.8	45.6
Service, except private household and protective	4,502	477	1,073	2,952	2,228	318	406	34.3	42.1
Precision production, craft, and repair	11,391	758	328	10,305	6,824	1,485	1,996	40.8	42.9
Operators, fabricators, and laborers	11,873	809	1,034	10,030	6,477	1,499	2,054	40.2	43.6
Machine operators, assemblers, and inspectors	4,383	228	128	4,027	2,769	602	656	41.3	42.8
Transportation and material moving occupations	4,105	224	261	3,620	1,937	591	1,092	43.0	45.9
Handlers, equipment cleaners, helpers, and laborers	3,384	356	645	2,382	1,770	306	306	35.2	41.4
Women, 16 years and over¹	50,265	2,961	10,882	36,422	27,033	4,113	5,275	35.7	41.6
Managerial and professional specialty	13,765	318	2,078	11,368	7,382	1,432	2,553	39.2	43.2
Executive, administrative, and managerial	5,789	100	497	5,191	3,222	664	1,305	41.7	43.9
Professional specialty	7,976	218	1,581	6,177	4,160	768	1,249	37.4	42.7
Technical, sales, and administrative support	22,466	1,134	5,073	16,259	12,808	1,741	1,710	35.1	40.7
Technicians and related support	1,809	53	309	1,447	1,084	177	187	37.6	41.4
Sales occupations	6,317	595	1,992	3,730	2,807	443	680	33.0	42.0
Administrative support, including clerical	14,339	486	2,771	11,082	9,118	1,121	843	35.7	40.2
Service occupations	8,920	984	3,096	4,840	3,723	447	670	31.4	41.3
Private household	701	134	319	249	158	47	44	26.5	44.6
Protective service	287	19	57	210	148	27	35	35.6	42.4
Service, except private household and protective	7,932	831	2,720	4,381	3,417	373	591	31.7	41.1
Precision production, craft, and repair	1,048	76	136	835	630	114	92	37.1	41.0
Operators, fabricators, and laborers	4,067	449	499	3,119	2,489	380	251	36.5	40.7
Machine operators, assemblers, and inspectors	2,901	323	182	2,397	1,955	288	155	37.8	40.5
Transportation and material moving occupations	421	49	154	219	134	31	54	32.8	43.9
Handlers, equipment cleaners, helpers, and laborers	744	77	163	504	400	62	42	33.8	40.2

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	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TOTAL													
Noninstitutional population ¹	189,198	189,326	189,467	189,607	189,763	189,901	190,002	190,095	190,312	190,483	190,592	190,717	190,703
Labor force ¹	126,467	126,438	126,578	126,427	126,336	126,345	126,571	126,445	126,338	126,791	126,253	126,678	126,786
Percent of population ²	66.8	66.8	66.8	66.7	66.6	66.5	66.6	66.5	66.4	66.6	66.2	66.4	66.5
Total employed ¹	119,904	119,747	119,916	119,867	119,509	119,330	119,484	119,303	119,001	119,191	118,537	118,520	118,214
Employment-population ratio ³	63.4	63.2	63.3	63.2	63.0	62.8	62.9	62.8	62.5	62.6	62.2	62.1	62.0
Resident Armed Forces	1,669	1,657	1,639	1,630	1,627	1,640	1,601	1,570	1,615	1,617	1,615	1,602	1,460
Civilian employed	118,235	118,090	118,277	118,237	117,882	117,690	117,883	117,733	117,386	117,574	116,922	116,918	116,754
Agriculture	3,197	3,140	3,286	3,279	3,108	3,152	3,194	3,175	3,185	3,253	3,163	3,222	3,098
Nonagricultural industries	115,038	114,950	114,991	114,958	114,774	114,538	114,689	114,558	114,201	114,321	113,759	113,696	113,658
Unemployed	6,563	6,691	6,662	6,560	6,827	7,015	7,087	7,142	7,337	7,600	7,715	8,158	8,572
Unemployment rate ⁴	5.2	5.3	5.3	5.2	5.4	5.6	5.6	5.6	5.8	6.0	6.1	6.4	6.8
Not in labor force	62,731	62,888	62,889	63,180	63,427	63,556	63,431	63,650	63,974	63,692	64,339	64,039	63,917
Men													
Noninstitutional population ¹	90,874	90,942	91,014	91,087	91,168	91,240	91,271	91,299	91,440	91,537	91,590	91,650	91,587
Labor force ¹	69,667	69,697	69,729	69,609	69,523	69,552	69,814	69,804	69,899	70,058	69,543	69,749	69,808
Percent of population ²	76.7	76.6	76.6	76.4	76.3	76.2	76.5	76.5	76.4	76.5	75.9	76.1	76.2
Total employed ¹	66,104	66,035	66,061	65,964	65,728	65,663	65,853	65,822	65,790	65,781	65,251	65,043	64,648
Employment-population ratio ³	72.7	72.6	72.6	72.4	72.1	72.0	72.2	72.1	71.9	71.9	71.2	71.0	70.8
Resident Armed Forces	1,497	1,499	1,472	1,465	1,462	1,475	1,441	1,414	1,453	1,454	1,453	1,439	1,314
Civilian employed	64,607	64,536	64,589	64,499	64,266	64,188	64,412	64,408	64,337	64,327	63,798	63,604	63,532
Unemployed	3,563	3,662	3,668	3,645	3,795	3,889	3,961	3,982	4,109	4,277	4,292	4,706	4,962
Unemployment rate ⁴	5.1	5.3	5.3	5.2	5.5	5.6	5.7	5.7	5.9	6.1	6.2	6.7	7.1
Not in labor force	21,207	21,245	21,285	21,478	21,645	21,688	21,457	21,495	21,541	21,479	22,047	21,901	21,779
Women													
Noninstitutional population ¹	98,324	98,383	98,453	98,520	98,595	98,661	98,731	98,796	98,872	98,946	99,002	99,067	99,116
Labor force ¹	56,800	56,741	56,849	56,818	56,813	56,793	56,757	56,641	56,439	56,733	56,710	56,929	56,978
Percent of population ²	57.8	57.7	57.7	57.7	57.6	57.6	57.5	57.3	57.1	57.3	57.3	57.5	57.5
Total employed ¹	53,800	53,712	53,855	53,903	53,781	53,667	53,631	53,481	53,211	53,410	53,287	53,477	53,368
Employment-population ratio ³	54.7	54.6	54.7	54.7	54.5	54.4	54.3	54.1	53.8	54.0	53.8	54.0	53.8
Resident Armed Forces	172	158	167	165	165	165	160	156	162	163	162	163	146
Civilian employed	53,628	53,554	53,688	53,738	53,616	53,502	53,471	53,325	53,049	53,247	53,125	53,314	53,222
Unemployed	3,000	3,029	2,994	2,915	3,032	3,126	3,126	3,160	3,228	3,323	3,423	3,452	3,610
Unemployment rate ⁴	5.3	5.3	5.3	5.1	5.3	5.5	5.5	5.6	5.7	5.9	6.0	6.1	6.3
Not in labor force	41,524	41,642	41,604	41,702	41,782	41,868	41,974	42,155	42,433	42,213	42,292	42,138	42,138

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	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TOTAL													
Civilian noninstitutional population ¹	187,529	187,669	187,828	187,977	188,136	188,261	188,401	188,525	188,697	188,866	188,977	189,115	189,243
Civilian labor force	124,798	124,781	124,939	124,797	124,709	124,705	124,970	124,875	124,723	125,174	124,638	125,076	125,326
Percent of population	66.5	66.5	66.5	66.4	66.3	66.2	66.3	66.2	66.1	66.3	66.0	66.1	66.2
Employed	118,235	118,090	118,277	118,237	117,882	117,690	117,883	117,733	117,386	117,574	116,922	116,918	116,754
Employment-population ratio ²	63.0	62.9	63.0	62.9	62.7	62.5	62.6	62.4	62.2	62.3	61.9	61.8	61.7
Unemployed	6,563	6,691	6,662	6,560	6,827	7,015	7,087	7,142	7,337	7,600	7,715	8,158	8,572
Unemployment rate	5.3	5.4	5.3	5.3	5.5	5.6	5.7	5.7	5.9	6.1	6.2	6.5	6.8
Men, 16 years and over													
Civilian noninstitutional population ¹	89,377	89,443	89,542	89,622	89,706	89,765	89,830	89,885	89,987	90,083	90,137	90,211	90,273
Civilian labor force	68,170	68,198	68,257	68,144	68,061	68,077	68,373	68,390	68,446	68,604	68,090	68,310	68,494
Percent of population	76.3	76.2	76.2	76.0	75.9	75.8	76.1	76.1	76.1	76.2	75.5	75.7	75.9
Employed	64,607	64,536	64,589	64,499	64,266	64,188	64,412	64,408	64,337	64,327	63,798	63,604	63,532
Employment-population ratio ²	72.3	72.2	72.1	72.0	71.6	71.5	71.7	71.7	71.5	71.4	70.8	70.5	70.4
Agriculture	2,497	2,435	2,562	2,571	2,478	2,477	2,512	2,504	2,518	2,572	2,466	2,520	2,456
Nonagricultural industries	62,110	62,101	62,027	61,928	61,788	61,711	61,900	61,904	61,819	61,755	61,331	61,084	61,076
Unemployed	3,563	3,662	3,668	3,645	3,795	3,889	3,961	3,982	4,109	4,277	4,292	4,706	4,962
Unemployment rate	5.2	5.4	5.4	5.3	5.6	5.7	5.8	5.8	6.0	6.2	6.3	6.9	7.2
Not in labor force	21,207	21,245	21,285	21,478	21,645	21,688	21,457	21,495	21,541	21,479	22,047	21,901	21,779
Men, 20 years and over													
Civilian noninstitutional population ¹	82,378	82,487	82,581	82,676	82,790	82,862	82,940	83,013	83,092	83,208	83,271	83,392	83,466
Civilian labor force	64,154	64,188	64,313	64,342	64,331	64,419	64,572	64,594	64,682	64,803	64,345	64,577	64,735
Percent of population	77.9	77.8	77.9	77.8	77.7	77.7	77.9	77.8	77.8	77.9	77.3	77.4	77.6
Employed	61,202	61,152	61,276	61,294	61,162	61,174	61,248	61,245	61,217	61,188	60,734	60,533	60,551
Employment-population ratio ²	74.3	74.1	74.2	74.1	73.9	73.8	73.8	73.7	73.5	72.9	72.6	72.5	72.5
Agriculture	2,275	2,272	2,374	2,369	2,279	2,266	2,299	2,283	2,307	2,365	2,289	2,315	2,255
Nonagricultural industries	58,927	58,880	58,902	58,925	58,883	58,908	58,949	58,962	58,910	58,823	58,445	58,217	58,296
Unemployed	2,952	3,036	3,037	3,048	3,169	3,245	3,324	3,349	3,465	3,615	3,611	4,044	4,184
Unemployment rate	4.6	4.7	4.7	4.7	4.9	5.0	5.1	5.2	5.4	5.6	5.6	6.3	6.5
Not in labor force	18,224	18,299	18,268	18,334	18,459	18,443	18,368	18,419	18,410	18,405	18,926	18,815	18,731
Women, 16 years and over													
Civilian noninstitutional population ¹	98,152	98,225	98,286	98,355	98,430	98,496	98,571	98,640	98,710	98,783	98,840	98,904	98,970
Civilian labor force	56,628	56,583	56,682	56,653	56,648	56,628	56,597	56,485	56,277	56,570	56,548	56,766	56,832
Percent of population	57.7	57.6	57.7	57.6	57.6	57.5	57.4	57.3	57.0	57.3	57.2	57.4	57.4
Employed	53,628	53,554	53,688	53,738	53,616	53,502	53,471	53,325	53,049	53,247	53,125	53,314	53,222
Employment-population ratio ²	54.6	54.5	54.6	54.6	54.5	54.3	54.2	54.1	53.7	53.9	53.7	53.9	53.8
Agriculture	700	705	724	708	630	675	682	671	667	681	697	703	642
Nonagricultural industries	52,928	52,849	52,964	53,030	52,986	52,827	52,789	52,654	52,382	52,566	52,428	52,611	52,580
Unemployed	3,000	3,029	2,994	2,915	3,032	3,126	3,126	3,160	3,228	3,323	3,423	3,452	3,610
Unemployment rate	5.3	5.4	5.3	5.1	5.4	5.5	5.5	5.6	5.7	5.9	6.1	6.1	6.4
Not in labor force	41,524	41,642	41,604	41,702	41,782	41,868	41,974	42,155	42,433	42,213	42,292	42,138	42,138
Women, 20 years and over													
Civilian noninstitutional population ¹	91,237	91,330	91,414	91,495	91,581	91,688	91,765	91,857	91,963	92,042	92,139	92,198	92,273
Civilian labor force	52,837	52,943	53,075	53,107	53,155	53,255	53,129	53,047	52,896	53,182	53,097	53,284	53,359
Percent of population	57.9	58.0	58.1	58.0	58.0	58.1	57.9	57.7	57.5	57.8	57.6	57.8	57.8
Employed	50,368	50,424	50,613	50,675	50,637	50,649	50,504	50,423	50,196	50,389	50,300	50,404	50,323
Employment-population ratio ²	55.2	55.2	55.4	55.4	55.3	55.2	55.0	54.9	54.6	54.7	54.6	54.7	54.5
Agriculture	650	658	664	661	586	634	633	628	627	647	664	675	607
Nonagricultural industries	49,718	49,766	49,949	50,014	50,051	50,015	49,871	49,795	49,569	49,742	49,636	49,728	49,716
Unemployed	2,469	2,519	2,462	2,432	2,518	2,606	2,625	2,624	2,700	2,793	2,797	2,881	3,035
Unemployment rate	4.7	4.8	4.6	4.6	4.7	4.9	4.9	4.9	5.1	5.3	5.3	5.4	5.7
Not in labor force	38,400	38,387	38,339	38,388	38,426	38,433	38,636	38,810	39,067	38,860	39,042	38,914	38,914
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,914	13,852	13,832	13,806	13,764	13,711	13,696	13,655	13,642	13,616	13,567	13,525	13,504
Civilian labor force	7,807	7,650	7,551	7,348	7,223	7,031	7,269	7,234	7,145	7,189	7,196	7,215	7,232
Percent of population	56.1	55.2	54.6	53.2	52.5	51.3	53.1	53.0	52.4	52.8	53.0	53.3	53.6
Employed	6,665	6,514	6,388	6,268	6,083	5,867	6,131	6,065	5,973	5,997	5,889	5,982	5,879
Employment-population ratio ²	47.9	47.0	46.2	45.4	44.2	42.8	44.8	44.4	43.8	44.0	43.4	44.2	43.5
Agriculture	272	210	248	249	243	252	262	264	251	241	211	232	235
Nonagricultural industries	6,393	6,304	6,140	6,019	5,840	5,615	5,869	5,801	5,722	5,756	5,678	5,750	5,644
Unemployed	1,142	1,136	1,163	1,080	1,140	1,164	1,138	1,169	1,172	1,192	1,307	1,233	1,353
Unemployment rate	14.6	14.8	15.4	14.7	15.8	16.6	15.7	16.2	16.4	16.6	18.2	17.1	18.7
Not in labor force	6,107	6,202	6,281	6,458	6,541	6,680	6,427	6,421	6,497	6,427	6,371	6,310	6,272

¹ The population figures are not adjusted for seasonal variation.

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-34. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin; seasonally adjusted

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
WHITE													
Civilian noninstitutional population ¹	160,076	160,170	160,271	160,365	160,468	160,550	160,640	160,717	160,831	160,942	161,007	161,097	161,179
Civilian labor force	107,103	107,090	107,223	107,184	107,196	107,166	107,391	107,277	107,048	107,517	106,962	107,432	107,488
Percent of population	66.9	66.9	66.9	66.8	66.8	66.7	66.9	66.7	66.6	66.8	66.4	66.7	66.7
Employed	102,208	102,088	102,293	102,332	102,189	101,996	102,192	102,017	101,648	101,843	101,104	101,141	100,870
Employment-population ratio ²	63.8	63.7	63.8	63.8	63.7	63.5	63.6	63.5	63.2	63.3	62.8	62.8	62.6
Unemployed	4,895	5,002	4,930	4,852	5,007	5,170	5,199	5,260	5,400	5,674	5,858	6,291	6,617
Unemployment rate	4.6	4.7	4.6	4.5	4.7	4.8	4.8	4.9	5.0	5.3	5.5	5.9	6.2
Men, 20 years and over													
Civilian labor force	55,841	55,816	55,872	55,890	55,909	56,040	56,119	56,123	56,174	56,307	55,836	56,000	56,151
Percent of population	78.4	78.3	78.3	78.2	78.2	78.3	78.3	78.3	78.3	78.3	77.6	77.8	77.9
Employed	53,587	53,495	53,593	53,611	53,566	53,601	53,675	53,615	53,564	53,497	53,010	52,801	52,828
Employment-population ratio ²	75.2	75.0	75.1	75.0	74.9	74.9	74.9	74.8	74.6	74.4	73.7	73.3	73.3
Unemployed	2,254	2,321	2,279	2,279	2,343	2,439	2,444	2,508	2,610	2,810	2,826	3,198	3,323
Unemployment rate	4.0	4.2	4.1	4.1	4.2	4.4	4.4	4.5	4.6	5.0	5.1	5.7	5.9
Women, 20 years and over													
Civilian labor force	44,595	44,733	44,861	44,982	45,039	45,060	44,984	44,918	44,711	44,995	44,888	45,211	45,186
Percent of population	57.5	57.6	57.7	57.8	57.8	57.8	57.7	57.6	57.2	57.6	57.4	57.8	57.7
Employed	42,820	42,911	43,086	43,200	43,229	43,194	43,101	43,032	42,768	43,001	42,841	43,019	42,892
Employment-population ratio ²	55.2	55.2	55.4	55.5	55.5	55.4	55.3	55.1	54.8	55.0	54.8	55.0	54.8
Unemployed	1,775	1,822	1,775	1,782	1,810	1,866	1,883	1,886	1,943	1,994	2,047	2,192	2,294
Unemployment rate	4.0	4.1	4.0	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.6	4.8	5.1
Both sexes, 16 to 19 years													
Civilian labor force	6,667	6,541	6,490	6,312	6,248	6,066	6,288	6,236	6,163	6,215	6,238	6,222	6,151
Percent of population	59.4	58.6	58.2	56.8	56.4	54.9	57.1	56.9	56.3	57.0	57.4	57.5	57.1
Employed	5,801	5,682	5,614	5,521	5,394	5,201	5,416	5,370	5,316	5,345	5,253	5,321	5,150
Employment-population ratio ²	51.7	50.9	50.4	49.7	48.7	47.1	49.2	49.0	48.6	49.0	48.3	49.2	47.8
Unemployed	866	859	876	791	854	865	872	866	847	870	985	901	1,001
Unemployment rate	13.0	13.1	13.5	12.5	13.7	14.3	13.9	13.9	13.7	14.0	15.8	14.5	16.3
Men	13.3	13.8	14.1	13.4	14.9	15.4	15.0	14.7	14.9	14.9	15.8	15.4	18.6
Women	12.6	12.3	12.9	11.6	12.4	13.1	12.6	13.0	12.5	13.0	15.8	13.4	13.7
BLACK													
Civilian noninstitutional population ¹	21,211	21,228	21,261	21,289	21,318	21,337	21,361	21,383	21,417	21,448	21,470	21,493	21,516
Civilian labor force	13,540	13,534	13,570	13,488	13,406	13,401	13,476	13,493	13,550	13,486	13,501	13,421	13,610
Percent of population	63.8	63.8	63.8	63.4	62.9	62.8	63.1	63.1	63.3	62.9	62.9	62.4	63.3
Employed	12,092	12,098	12,128	12,044	11,884	11,838	11,869	11,913	11,897	11,836	11,866	11,839	11,934
Employment-population ratio ²	57.0	57.0	57.0	56.6	55.7	55.5	55.6	55.7	55.5	55.2	55.3	55.1	55.5
Unemployed	1,448	1,436	1,442	1,444	1,522	1,563	1,607	1,580	1,653	1,650	1,635	1,582	1,675
Unemployment rate	10.7	10.6	10.6	10.7	11.4	11.7	11.9	11.7	12.2	12.2	12.1	11.8	12.3
Men, 20 years and over													
Civilian labor force	6,221	6,233	6,247	6,298	6,292	6,260	6,324	6,339	6,348	6,359	6,313	6,366	6,395
Percent of population	73.5	73.6	73.6	74.1	73.9	73.4	74.1	74.1	74.3	74.1	73.5	73.9	74.1
Employed	5,620	5,628	5,653	5,688	5,618	5,594	5,597	5,635	5,638	5,664	5,602	5,649	5,672
Employment-population ratio ²	66.4	66.5	66.6	66.9	65.9	65.6	65.5	65.9	66.0	66.0	65.2	65.6	65.7
Unemployed	601	605	594	610	674	666	727	704	710	695	712	717	723
Unemployment rate	9.7	9.7	9.5	9.7	10.7	10.6	11.5	11.1	11.2	10.9	11.3	11.3	11.3
Women, 20 years and over													
Civilian labor force	6,434	6,434	6,486	6,377	6,336	6,358	6,362	6,345	6,365	6,339	6,374	6,286	6,388
Percent of population	60.7	60.6	61.1	59.9	59.5	59.6	59.5	59.3	59.4	59.0	59.3	58.4	59.2
Employed	5,843	5,843	5,888	5,797	5,738	5,733	5,716	5,728	5,717	5,668	5,738	5,694	5,755
Employment-population ratio ²	55.2	55.1	55.4	54.5	53.9	53.7	53.5	53.5	53.3	52.8	53.4	52.9	53.4
Unemployed	591	591	598	580	598	625	646	617	648	671	636	593	633
Unemployment rate	9.2	9.2	9.2	9.1	9.4	9.8	10.2	9.7	10.2	10.6	10.0	9.4	9.9

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	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	885	867	837	813	778	783	790	809	837	788	814	769	826
Percent of population	41.1	40.3	38.9	37.9	36.3	36.6	37.0	38.0	38.9	36.9	38.4	36.4	39.2
Employed	629	627	587	559	528	511	556	550	542	504	526	497	507
Employment-population ratio ²	29.2	29.1	27.3	26.0	24.6	23.9	26.0	25.8	25.2	23.6	24.8	23.5	24.1
Unemployed	256	240	250	254	250	272	234	259	295	284	288	272	319
Unemployment rate	28.9	27.7	29.9	31.2	32.1	34.7	29.6	32.0	35.2	36.0	35.4	35.4	38.6
Men	30.5	28.9	31.6	35.2	33.1	36.7	31.4	31.3	33.2	36.4	34.6	35.5	38.4
Women	27.3	26.4	28.1	27.1	31.1	32.7	27.6	32.7	37.5	35.6	36.1	35.2	38.9
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	14,159	14,198	14,238	14,277	14,317	14,356	14,396	14,435	14,474	14,514	14,553	14,593	14,632
Civilian labor force	9,565	9,600	9,627	9,618	9,638	9,665	9,632	9,580	9,500	9,569	9,675	9,578	9,696
Percent of population	67.6	67.6	67.6	67.4	67.3	67.3	66.9	66.4	65.6	65.9	66.5	65.6	66.3
Employed	8,826	8,843	8,883	8,919	8,875	8,904	8,809	8,793	8,683	8,676	8,779	8,664	8,700
Employment-population ratio ²	62.3	62.3	62.4	62.5	62.0	62.0	61.2	60.9	60.0	59.8	60.3	59.4	59.5
Unemployed	739	757	744	699	763	761	823	787	817	893	896	914	997
Unemployment rate	7.7	7.9	7.7	7.3	7.9	7.9	8.5	8.2	8.6	9.3	9.3	9.5	10.3

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	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CHARACTERISTIC													
Total	118,235	118,090	118,277	118,237	117,882	117,690	117,883	117,733	117,386	117,574	116,922	116,918	116,754
Married men, spouse present	40,942	40,769	40,854	40,626	40,601	40,661	40,833	40,833	40,844	40,728	40,316	40,482	40,296
Married women, spouse present	29,676	29,742	29,987	29,828	29,862	29,869	29,797	29,789	29,713	29,776	29,599	29,680	29,514
Women who maintain families	6,324	6,348	6,390	6,432	6,376	6,372	6,376	6,354	6,341	6,367	6,386	6,384	6,470
OCCUPATION													
Managerial and professional specialty	30,514	30,318	30,490	30,735	30,758	30,913	30,572	30,714	30,732	30,777	30,699	31,093	30,764
Technical, sales, and administrative support	37,104	37,010	37,335	36,678	36,499	36,009	36,541	36,447	36,380	36,242	36,360	36,100	36,265
Service occupations	15,647	15,736	15,693	15,894	15,917	15,847	15,889	15,880	15,861	15,904	15,746	15,773	15,948
Precision production, craft, and repair	13,750	13,761	13,707	13,595	13,697	13,586	13,604	13,547	13,428	13,524	13,399	13,333	13,212
Operators, fabricators, and laborers	17,715	17,729	17,762	17,838	17,698	17,852	17,814	17,858	17,752	17,695	17,227	16,997	17,051
Farming, forestry, and fishing	3,413	3,328	3,423	3,513	3,384	3,448	3,449	3,376	3,360	3,436	3,437	3,499	3,387
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,637	1,647	1,693	1,685	1,665	1,705	1,752	1,714	1,681	1,671	1,603	1,629	1,556
Self-employed workers	1,446	1,430	1,463	1,479	1,382	1,364	1,293	1,350	1,386	1,473	1,396	1,448	1,412
Unpaid family workers	115	112	104	107	100	97	108	99	116	102	157	168	134
Nonagricultural industries:													
Wage and salary workers	105,992	105,897	106,176	105,893	105,783	105,627	105,686	105,384	105,267	105,095	104,698	104,569	104,455
Government	17,732	17,800	18,050	17,832	17,785	17,798	17,597	17,694	17,633	17,640	17,680	17,792	17,829
Private industries	88,260	88,097	88,126	88,061	87,998	87,829	88,089	87,690	87,634	87,455	87,018	86,777	86,626
Private households	1,011	984	964	1,039	1,003	1,021	1,067	1,017	992	1,013	967	953	980
Other industries	87,249	87,113	87,162	87,022	86,995	86,808	87,022	86,673	86,642	86,442	86,051	85,824	85,646
Self-employed workers	8,809	8,713	8,765	8,756	8,725	8,646	8,809	8,859	8,800	8,896	8,738	8,876	8,926
Unpaid family workers	253	255	244	239	258	236	238	250	255	238	232	239	224
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	4,942	4,853	4,859	5,022	5,001	5,092	5,301	5,409	5,438	5,581	5,510	6,062	6,163
Slack work	2,420	2,406	2,443	2,501	2,570	2,491	2,658	2,663	2,786	2,928	2,908	3,252	3,303
Could only find part-time work	2,130	2,140	2,095	2,207	2,120	2,153	2,408	2,344	2,340	2,302	2,214	2,401	2,494
Voluntary part time	15,427	15,256	15,557	15,190	15,263	15,317	15,250	15,129	15,048	15,081	14,833	14,971	14,819
Nonagricultural industries:													
Part time for economic reasons	4,708	4,680	4,689	4,745	4,780	4,830	5,051	5,135	5,163	5,262	5,178	5,803	5,889
Slack work	2,252	2,246	2,306	2,297	2,399	2,290	2,482	2,467	2,625	2,742	2,692	3,067	3,107
Could only find part-time work	2,061	2,093	2,045	2,136	2,102	2,084	2,333	2,281	2,262	2,218	2,133	2,349	2,404
Voluntary part time	14,951	14,841	15,002	14,668	14,853	14,861	14,823	14,715	14,658	14,650	14,461	14,528	14,452

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	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over	118,235	118,090	118,277	118,237	117,882	117,690	117,883	117,733	117,386	117,574	116,922	116,918	116,754
16 to 24 years	19,380	19,163	19,061	18,934	18,732	18,439	18,684	18,577	18,518	18,572	18,442	18,274	18,186
16 to 19 years	6,665	6,514	6,388	6,268	6,083	5,867	6,131	6,065	5,973	5,997	5,889	5,982	5,879
16 to 17 years	2,519	2,438	2,383	2,316	2,215	2,158	2,246	2,212	2,225	2,224	2,215	2,360	2,177
18 to 19 years	4,136	4,068	3,993	3,946	3,868	3,729	3,856	3,857	3,739	3,774	3,704	3,631	3,695
20 to 24 years	12,715	12,649	12,673	12,666	12,649	12,572	12,553	12,512	12,545	12,575	12,554	12,292	12,306
25 years and over	98,825	98,871	99,172	99,336	99,247	99,320	99,212	99,160	98,847	98,937	98,463	98,605	98,529
25 to 54 years	83,980	84,004	84,256	84,366	84,336	84,328	84,322	84,325	84,075	84,070	83,717	83,866	83,821
55 years and over	14,870	14,853	14,932	14,930	14,906	14,950	14,992	14,851	14,812	14,901	14,626	14,687	14,720
Men, 16 years and over	64,607	64,536	64,589	64,499	64,266	64,188	64,412	64,408	64,337	64,327	63,798	63,604	63,532
16 to 24 years	10,062	10,006	9,969	9,866	9,778	9,613	9,760	9,712	9,695	9,758	9,594	9,483	9,392
16 to 19 years	3,405	3,384	3,313	3,205	3,104	3,014	3,164	3,163	3,120	3,139	3,063	3,071	2,981
16 to 17 years	1,293	1,260	1,227	1,184	1,136	1,089	1,170	1,163	1,179	1,172	1,205	1,215	1,092
18 to 19 years	2,114	2,112	2,063	2,014	1,992	1,919	1,976	1,995	1,950	1,966	1,866	1,857	1,895
20 to 24 years	6,657	6,622	6,656	6,661	6,674	6,599	6,596	6,549	6,575	6,619	6,530	6,412	6,412
25 years and over	54,534	54,517	54,591	54,634	54,508	54,604	54,670	54,687	54,637	54,546	54,190	54,084	54,113
25 to 54 years	46,083	46,038	46,094	46,102	46,022	46,040	46,153	46,219	46,137	46,035	45,819	45,742	45,761
55 years and over	8,479	8,448	8,489	8,499	8,498	8,530	8,573	8,492	8,498	8,553	8,318	8,326	8,353
Women, 16 years and over	53,628	53,554	53,688	53,738	53,616	53,502	53,471	53,325	53,049	53,247	53,125	53,314	53,222
16 to 24 years	9,318	9,157	9,092	9,068	8,954	8,826	8,924	8,865	8,823	8,814	8,848	8,791	8,793
16 to 19 years	3,260	3,130	3,075	3,063	2,979	2,853	2,967	2,902	2,853	2,858	2,825	2,911	2,899
16 to 17 years	1,226	1,178	1,156	1,132	1,079	1,069	1,076	1,049	1,046	1,052	1,010	1,145	1,085
18 to 19 years	2,022	1,956	1,930	1,932	1,896	1,810	1,880	1,862	1,789	1,808	1,818	1,774	1,800
20 to 24 years	6,058	6,027	6,017	6,005	5,975	5,973	5,957	5,963	5,970	5,956	6,023	5,881	5,895
25 years and over	44,291	44,354	44,581	44,702	44,739	44,716	44,542	44,473	44,210	44,391	44,273	44,521	44,416
25 to 54 years	37,897	37,966	38,162	38,264	38,314	38,288	38,169	38,106	37,938	38,035	37,898	38,124	38,060
55 years and over	6,391	6,405	6,443	6,431	6,408	6,420	6,419	6,359	6,314	6,348	6,310	6,361	6,367

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

(In thousands)

Sex and age	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over	6,563	6,891	6,662	6,560	6,827	7,015	7,087	7,142	7,337	7,800	7,715	8,158	8,572
16 to 24 years	2,310	2,422	2,358	2,238	2,308	2,382	2,426	2,463	2,428	2,463	2,617	2,682	2,770
16 to 19 years	1,142	1,136	1,163	1,080	1,140	1,164	1,138	1,169	1,172	1,192	1,307	1,233	1,353
16 to 17 years	522	517	575	460	474	501	506	508	507	524	541	480	576
18 to 19 years	626	618	614	626	661	651	654	657	662	665	745	741	785
20 to 24 years	1,168	1,286	1,195	1,158	1,168	1,218	1,288	1,294	1,256	1,271	1,310	1,449	1,417
25 years and over	4,259	4,330	4,263	4,301	4,470	4,610	4,652	4,630	4,910	5,160	5,162	5,501	5,811
25 to 54 years	3,766	3,848	3,814	3,825	3,986	4,039	4,136	4,105	4,403	4,664	4,618	4,940	5,205
55 years and over	515	500	474	448	493	528	514	536	513	501	510	582	638
Men, 16 years and over	3,563	3,662	3,668	3,645	3,795	3,889	3,961	3,982	4,109	4,277	4,292	4,706	4,962
16 to 24 years	1,262	1,346	1,277	1,255	1,266	1,268	1,319	1,325	1,335	1,363	1,461	1,520	1,638
16 to 19 years	611	626	631	597	626	644	637	633	644	662	681	662	778
16 to 17 years	274	281	303	239	259	284	273	263	280	295	278	287	364
18 to 19 years	343	345	341	353	366	357	375	368	367	366	381	375	421
20 to 24 years	651	720	646	658	640	624	682	692	691	701	780	858	860
25 years and over	2,319	2,370	2,352	2,360	2,499	2,595	2,616	2,630	2,764	2,937	2,897	3,201	3,344
25 to 54 years	2,016	2,083	2,079	2,036	2,195	2,230	2,284	2,299	2,448	2,625	2,535	2,847	2,951
55 years and over	308	309	300	281	320	333	337	344	335	316	319	367	399
Women, 16 years and over	3,000	3,029	2,994	2,915	3,032	3,126	3,126	3,160	3,228	3,323	3,423	3,452	3,610
16 to 24 years	1,048	1,076	1,081	983	1,042	1,114	1,107	1,138	1,093	1,100	1,156	1,162	1,132
16 to 19 years	531	510	532	483	514	520	501	536	528	530	626	571	575
16 to 17 years	248	236	272	221	215	217	233	245	227	229	263	193	212
18 to 19 years	283	273	273	273	295	294	279	289	295	299	364	366	364
20 to 24 years	517	566	549	500	528	594	606	602	565	570	530	591	557
25 years and over	1,940	1,960	1,911	1,941	1,971	2,015	2,036	2,000	2,146	2,223	2,265	2,300	2,467
25 to 54 years	1,750	1,765	1,735	1,789	1,791	1,809	1,852	1,806	1,955	2,039	2,083	2,092	2,254
55 years and over	207	191	174	167	173	195	177	192	178	185	191	214	239

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

(Civilian workers)

Sex and age	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over	5.3	5.4	5.3	5.3	5.5	5.6	5.7	5.7	5.9	6.1	6.2	6.5	6.8
16 to 24 years	10.7	11.2	11.0	10.6	11.0	11.4	11.5	11.7	11.6	11.7	12.4	12.8	13.2
16 to 19 years	14.6	14.8	15.4	14.7	15.8	16.6	15.7	16.2	16.4	16.6	18.2	17.1	18.7
16 to 17 years	17.2	17.5	19.4	16.6	17.6	18.8	18.4	18.7	18.6	19.1	19.6	16.9	20.9
18 to 19 years	13.1	13.2	13.3	13.7	14.5	14.9	14.5	14.6	15.0	15.0	16.7	16.9	17.5
20 to 24 years	8.4	9.2	8.6	8.4	8.5	8.8	9.3	9.4	9.1	9.2	9.5	10.5	10.3
25 years and over	4.1	4.2	4.1	4.2	4.3	4.4	4.5	4.5	4.7	5.0	5.0	5.3	5.6
25 to 54 years	4.3	4.4	4.3	4.3	4.5	4.6	4.7	4.6	5.0	5.3	5.2	5.6	5.8
55 years and over	3.3	3.3	3.1	2.9	3.2	3.4	3.3	3.5	3.3	3.3	3.4	3.8	4.2
Men, 16 years and over	5.2	5.4	5.4	5.3	5.6	5.7	5.8	5.8	6.0	6.2	6.3	6.9	7.2
16 to 24 years	11.1	11.9	11.4	11.3	11.5	11.7	11.9	12.0	12.1	12.3	13.2	13.8	14.9
16 to 19 years	15.2	15.6	16.0	15.7	16.8	17.6	16.8	16.7	17.1	17.4	18.2	17.7	20.7
16 to 17 years	17.5	18.2	19.8	16.8	18.6	20.7	18.9	18.4	19.2	20.1	18.7	19.1	25.0
18 to 19 years	14.0	14.0	14.2	14.9	15.5	15.7	16.0	15.6	15.8	15.7	16.8	16.8	18.2
20 to 24 years	8.9	9.8	8.8	9.0	8.8	8.6	9.4	9.6	9.5	9.6	10.7	11.8	11.8
25 years and over	4.1	4.2	4.1	4.1	4.4	4.5	4.6	4.6	4.8	5.1	5.1	5.6	5.8
25 to 54 years	4.2	4.3	4.3	4.2	4.6	4.6	4.7	4.7	5.0	5.4	5.2	5.9	6.1
55 years and over	3.5	3.5	3.4	3.2	3.6	3.8	3.8	3.9	3.8	3.6	3.7	4.2	4.6
Women, 16 years and over	5.3	5.4	5.3	5.1	5.4	5.5	5.5	5.6	5.7	5.9	6.1	6.1	6.4
16 to 24 years	10.1	10.5	10.6	9.8	10.4	11.2	11.0	11.4	11.0	11.1	11.6	11.7	11.4
16 to 19 years	14.0	14.0	14.7	13.6	14.7	15.4	14.4	15.6	15.6	15.6	18.1	16.4	16.6
16 to 17 years	16.8	16.7	19.0	16.3	16.6	16.9	17.8	18.9	17.8	17.9	20.7	14.4	16.3
18 to 19 years	12.3	12.2	12.4	12.4	13.5	14.0	12.9	13.4	14.2	14.2	16.7	17.1	16.8
20 to 24 years	7.9	8.6	8.4	7.7	8.1	9.0	9.2	9.2	8.6	8.7	8.1	9.1	8.6
25 years and over	4.2	4.2	4.1	4.2	4.2	4.3	4.4	4.3	4.6	4.8	4.9	4.9	5.3
25 to 54 years	4.4	4.4	4.3	4.5	4.5	4.5	4.6	4.5	4.9	5.1	5.2	5.2	5.6
55 years and over	3.1	2.9	2.6	2.5	2.6	2.9	2.7	2.9	2.7	2.8	2.9	3.3	3.6

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CHARACTERISTIC													
Total (all civilian workers)	5.3	5.4	5.3	5.3	5.5	5.6	5.7	5.7	5.9	6.1	6.2	6.5	6.8
Men, 20 years and over	4.6	4.7	4.7	4.7	4.9	5.0	5.1	5.2	5.4	5.6	5.6	6.3	6.5
Women, 20 years and over	4.7	4.8	4.6	4.6	4.7	4.9	4.9	4.9	5.1	5.3	5.3	5.4	5.7
Both sexes, 16 to 19 years	14.6	14.8	15.4	14.7	15.8	16.6	15.7	16.2	16.4	16.6	18.2	17.1	18.7
White	4.6	4.7	4.6	4.5	4.7	4.8	4.8	4.9	5.0	5.3	5.5	5.9	6.2
Black and other	9.5	9.3	9.5	9.6	10.3	10.4	10.8	10.6	11.0	11.1	10.7	10.7	11.1
Black	10.7	10.6	10.6	10.7	11.4	11.7	11.9	11.7	12.2	12.2	12.1	11.8	12.3
Hispanic origin	7.7	7.9	7.7	7.3	7.9	7.9	8.5	8.2	8.6	9.3	9.3	9.5	10.3
Married men, spouse present	3.2	3.2	3.3	3.2	3.3	3.5	3.5	3.5	3.7	3.8	4.0	4.3	4.5
Married women, spouse present	3.7	3.6	3.6	3.7	3.6	3.9	3.9	3.9	4.1	4.1	4.1	4.4	4.8
Women who maintain families	8.3	7.8	7.5	8.0	8.3	8.4	8.7	6.5	8.7	8.7	9.0	9.1	9.0
Full-time workers	4.9	5.1	4.9	4.9	5.1	5.3	5.4	5.5	5.7	5.6	6.0	6.4	6.5
Part-time workers	7.2	7.2	7.4	7.5	7.8	7.7	7.2	7.1	7.3	7.6	7.7	7.6	9.1
Unemployed 15 weeks and over ¹	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.6	1.7
Labor force time lost ²	5.9	6.2	6.0	5.9	6.1	6.3	6.4	6.6	6.7	6.9	7.0	7.5	7.7
OCCUPATION³													
Managerial and professional specialty	2.0	2.0	2.0	2.2	2.1	2.2	2.3	2.2	2.2	2.2	2.7	2.4	2.7
Technical, sales, and administrative support	3.8	4.0	3.8	4.1	4.1	4.3	4.3	4.4	4.6	4.8	4.5	5.0	5.3
Precision production, craft, and repair	5.2	5.5	5.4	5.2	5.7	6.2	6.5	6.5	6.9	7.0	7.3	7.6	7.6
Operators, fabricators, and laborers	8.5	8.7	8.3	8.1	8.2	8.3	8.2	8.9	9.4	9.6	10.0	11.6	11.2
Farming, forestry, and fishing	6.3	6.8	5.3	6.2	6.8	6.3	6.2	5.5	6.2	6.9	7.6	7.9	9.1
INDUSTRY													
Nonagricultural private wage and salary workers	5.5	5.6	5.5	5.4	5.5	5.7	5.8	5.9	6.2	6.3	6.4	6.9	7.2
Goods-producing industries	6.5	6.8	6.7	6.2	6.7	6.9	7.1	7.3	7.9	8.1	8.2	9.1	9.0
Mining	5.3	4.5	3.7	4.0	4.5	4.7	3.8	4.1	4.7	5.8	7.5	6.0	7.1
Construction	10.0	10.5	11.3	9.8	10.5	11.2	12.0	13.0	13.3	14.0	14.5	15.5	14.1
Manufacturing	5.5	5.8	5.5	5.2	5.7	5.8	5.8	5.8	6.5	6.5	6.4	7.4	7.6
Durable goods	5.3	5.6	5.5	5.2	5.7	5.9	6.0	5.9	6.9	6.6	6.8	8.1	8.2
Nondurable goods	5.8	6.0	5.4	5.3	5.7	5.6	5.4	5.7	5.9	6.4	5.9	6.5	6.8
Service-producing industries	5.0	5.1	5.0	5.0	5.0	5.2	5.3	5.3	5.4	5.4	5.6	5.9	6.4
Transportation and public utilities	3.5	4.2	3.3	3.2	3.7	4.0	3.9	4.1	4.1	4.2	4.4	5.3	5.5
Wholesale and retail trade	6.2	6.2	6.2	6.3	6.1	6.3	6.6	6.7	6.7	6.6	7.0	7.4	7.9
Finance and service industries	4.5	4.5	4.4	4.5	4.5	4.7	4.7	4.5	4.7	4.8	4.9	5.0	5.6
Government workers	2.4	2.2	2.5	2.9	2.8	2.8	2.8	2.8	2.8	2.7	3.0	3.2	3.7
Agricultural wage and salary workers	10.1	10.5	8.1	9.8	10.1	9.5	9.3	8.5	9.8	12.3	11.9	11.5	13.8

¹ Unemployment as a percent of the civilian labor force.

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

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Weeks of unemployment	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
DURATION													
Less than 5 weeks	3,183	3,185	3,078	3,100	3,142	3,275	3,087	3,139	3,277	3,280	3,410	3,473	3,515
5 to 14 weeks	2,074	2,146	2,194	2,085	2,166	2,077	2,452	2,391	2,334	2,518	2,490	2,736	2,904
15 weeks and over	1,370	1,417	1,404	1,436	1,508	1,568	1,605	1,591	1,727	1,739	1,829	1,975	2,184
15 to 26 weeks	732	742	776	777	807	822	861	893	938	940	981	1,053	1,236
27 weeks and over	638	675	628	659	701	746	744	698	789	799	848	921	947
Average (mean) duration, in weeks	11.9	12.1	11.6	12.0	12.1	12.3	12.4	12.0	12.4	12.4	12.4	12.8	13.0
Median duration, in weeks	5.0	5.0	5.3	5.2	5.2	5.3	6.1	5.9	5.9	5.9	5.9	6.1	6.6
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	48.0	47.2	46.1	46.8	46.1	47.3	43.2	44.1	44.7	43.5	44.1	42.4	40.9
5 to 14 weeks	31.3	31.8	32.9	31.5	31.8	30.0	34.3	33.6	31.8	33.4	32.2	33.4	33.8
15 weeks and over	20.7	21.0	21.0	21.7	22.1	22.7	22.5	22.3	23.5	23.1	23.7	24.1	25.4
15 to 26 weeks	11.0	11.0	11.6	11.7	11.8	11.9	12.1	12.5	12.8	12.5	12.7	12.9	14.4
27 weeks and over	9.6	10.0	9.4	10.0	10.3	10.8	10.4	9.8	10.8	10.6	11.0	11.3	11.0

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

(Numbers in thousands)

Reasons for unemployment	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
NUMBER OF UNEMPLOYED													
Job losers	3,073	3,145	3,173	3,203	3,145	3,388	3,519	3,563	3,756	3,797	4,068	4,515	4,703
On layoff	944	984	980	947	977	993	1,111	1,056	1,136	1,150	1,131	1,485	1,430
Other job losers	2,129	2,161	2,193	2,256	2,168	2,395	2,408	2,507	2,620	2,647	2,938	3,031	3,273
Job leavers	1,019	1,159	1,017	999	1,020	989	954	981	996	1,024	899	989	1,080
Reentrants	1,850	1,794	1,828	1,839	1,920	1,872	1,952	1,911	1,926	2,128	2,044	1,994	2,090
New entrants	651	637	677	549	677	669	663	684	655	662	672	633	699
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	46.6	46.7	47.4	48.6	46.5	49.0	49.6	49.9	51.2	49.9	53.0	55.5	54.9
On layoff	14.3	14.6	14.6	14.4	14.4	14.4	15.7	14.8	15.5	15.1	14.7	18.3	16.7
Other job losers	32.3	32.1	32.8	34.2	32.1	34.6	34.0	35.1	35.7	34.8	38.2	37.3	38.2
Job leavers	15.5	17.2	15.2	15.2	15.1	14.3	13.5	13.7	13.6	13.5	11.7	12.2	12.6
Reentrants	28.1	26.6	27.3	27.9	28.4	27.1	27.5	26.8	26.3	28.0	26.6	24.5	24.4
New entrants	9.9	9.5	10.1	8.3	10.0	9.7	9.4	9.6	8.9	8.7	8.7	7.8	8.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.5	2.5	2.5	2.6	2.5	2.7	2.8	2.9	3.0	3.0	3.3	3.6	3.8
Job leavers .....	.8	.9	.8	.8	.8	.8	.8	.8	.8	.8	.7	.8	.9
Reentrants	1.5	1.4	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.7	1.6	1.6	1.7
New entrants .....	.5	.5	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.6

**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	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
TOTAL													
Noninstitutional population ¹	185,707	186,099	186,530	186,949	187,461	187,852	188,288	188,722	189,093	189,466	189,889	190,297	190,671
Labor force ²	122,765	122,986	123,604	124,160	124,939	125,374	125,704	126,136	126,328	126,481	126,418	126,525	126,572
Percent of population ²	66.1	66.1	66.3	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.6	66.5	66.4
Total employed ³	115,851	116,318	116,902	117,668	118,525	118,859	119,150	119,536	119,766	119,843	119,441	119,165	118,424
Employment-population ratio ³	62.4	62.5	62.7	62.9	63.2	63.3	63.3	63.3	63.3	63.3	62.9	62.6	62.1
Resident Armed Forces	1,740	1,710	1,690	1,696	1,688	1,674	1,685	1,704	1,681	1,642	1,623	1,601	1,559
Civilian employed	114,111	114,607	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865
Agriculture	3,205	3,151	3,118	3,221	3,235	3,118	3,247	3,182	3,154	3,235	3,151	3,204	3,161
Nonagricultural industries	110,906	111,456	112,094	112,750	113,602	114,067	114,218	114,650	114,931	114,966	114,667	114,360	113,704
Unemployed	6,914	6,668	6,702	6,493	6,414	6,515	6,554	6,600	6,562	6,638	6,976	7,360	8,149
Unemployment rate ⁴	5.6	5.4	5.4	5.2	5.1	5.2	5.2	5.2	5.2	5.2	5.5	5.8	6.4
Not in labor force	62,942	63,114	62,926	62,789	62,522	62,478	62,583	62,586	62,764	62,985	63,471	63,772	64,099
Men													
Noninstitutional population ¹	89,100	89,293	89,509	89,715	89,973	90,166	90,385	90,606	90,823	91,014	91,226	91,425	91,609
Labor force ²	68,183	68,408	68,648	68,856	69,039	69,301	69,392	69,640	69,641	69,679	69,629	69,920	69,700
Percent of population ²	76.5	76.6	76.7	76.5	76.7	76.9	76.8	76.9	76.7	76.6	76.3	76.5	76.1
Total employed ³	64,424	64,781	64,984	65,100	65,535	65,829	65,874	66,059	66,066	66,020	65,748	65,797	65,047
Employment-population ratio ³	72.3	72.5	72.6	72.6	72.8	73.0	72.9	72.9	72.7	72.5	72.1	72.0	71.0
Resident Armed Forces	1,579	1,548	1,527	1,534	1,525	1,511	1,516	1,529	1,509	1,479	1,459	1,440	1,402
Civilian employed	62,845	63,233	63,457	63,566	64,010	64,318	64,358	64,530	64,559	64,541	64,289	64,357	63,645
Unemployed	3,758	3,627	3,664	3,555	3,504	3,472	3,518	3,581	3,573	3,658	3,882	4,123	4,653
Unemployment rate ⁴	5.5	5.3	5.3	5.2	5.1	5.0	5.1	5.1	5.1	5.3	5.6	5.9	6.7
Not in labor force	20,918	20,885	20,861	21,059	20,934	20,865	20,993	20,966	21,182	21,336	21,597	21,505	21,909
Women													
Noninstitutional population ¹	96,608	96,806	97,022	97,234	97,488	97,686	97,903	98,116	98,270	98,452	98,663	98,872	99,062
Labor force ²	54,582	54,577	54,956	55,505	55,900	56,073	56,312	56,496	56,687	56,802	56,787	56,604	56,872
Percent of population ²	56.5	56.4	56.6	57.1	57.3	57.4	57.5	57.6	57.7	57.7	57.6	57.2	57.4
Total employed ³	51,427	51,536	51,918	52,567	52,990	53,030	53,276	53,477	53,699	53,823	53,693	53,367	53,377
Employment-population ratio ³	53.2	53.2	53.5	54.1	54.4	54.3	54.4	54.5	54.6	54.7	54.4	54.0	53.9
Resident Armed Forces	161	162	163	162	163	163	169	175	173	163	163	160	157
Civilian employed	51,266	51,374	51,755	52,405	52,826	52,867	53,107	53,302	53,526	53,660	53,530	53,207	53,220
Unemployed	3,155	3,041	3,038	2,937	2,910	3,043	3,037	3,019	2,989	2,979	3,095	3,237	3,495
Unemployment rate ⁴	5.8	5.6	5.5	5.3	5.2	5.4	5.4	5.3	5.3	5.2	5.4	5.7	6.1
Not in labor force	42,026	42,229	42,065	41,729	41,589	41,613	41,591	41,619	41,583	41,650	41,875	42,267	42,190

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	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
TOTAL													
Civilian noninstitutional population ¹	183,967	184,389	184,840	185,253	185,773	186,178	186,602	187,018	187,411	187,824	188,266	188,696	189,112
Civilian labor force	121,025	121,275	121,914	122,464	123,251	123,700	124,019	124,432	124,647	124,839	124,793	124,924	125,013
Percent of population	65.8	65.8	66.0	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.2	66.1
Employed	114,111	114,607	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865
Employment-population ratio ²	62.0	62.2	62.3	62.6	62.9	62.9	62.9	63.0	63.0	62.9	62.6	62.3	61.8
Unemployed	6,914	6,668	6,702	6,493	6,414	6,515	6,554	6,600	6,562	6,638	6,976	7,360	8,149
Unemployment rate	5.7	5.5	5.5	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.5
Men, 16 years and over													
Civilian noninstitutional population ¹	87,521	87,745	87,982	88,181	88,448	88,655	88,869	89,077	89,314	89,536	89,767	89,985	90,207
Civilian labor force	66,603	66,860	67,121	67,122	67,514	67,790	67,876	68,111	68,132	68,200	68,170	68,480	68,298
Percent of population	76.1	76.2	76.3	76.1	76.3	76.5	76.4	76.5	76.3	76.2	75.9	76.1	75.7
Employed	62,845	63,233	63,457	63,566	64,010	64,318	64,358	64,530	64,559	64,541	64,289	64,357	64,645
Employment-population ratio ²	71.8	72.1	72.1	72.1	72.4	72.5	72.4	72.4	72.3	72.1	71.6	71.5	70.6
Agriculture	2,511	2,472	2,482	2,508	2,496	2,465	2,557	2,500	2,487	2,523	2,489	2,531	2,481
Nonagricultural industries	60,334	60,761	60,975	61,058	61,514	61,853	61,801	62,030	62,072	62,019	61,800	61,826	61,164
Unemployed	3,758	3,627	3,664	3,555	3,504	3,472	3,518	3,581	3,573	3,658	3,882	4,123	4,653
Unemployment rate	5.6	5.4	5.5	5.3	5.2	5.1	5.2	5.3	5.2	5.4	5.7	6.0	6.8
Not in labor force	20,918	20,885	20,861	21,059	20,934	20,865	20,993	20,966	21,182	21,336	21,597	21,505	21,909
Men, 20 years and over													
Civilian noninstitutional population ¹	80,194	80,418	80,676	80,925	81,251	81,510	81,741	81,976	82,264	82,581	82,864	83,105	83,376
Civilian labor force	62,481	62,693	62,884	63,016	63,404	63,655	63,748	63,983	64,099	64,281	64,441	64,693	64,552
Percent of population	77.9	78.0	77.9	77.9	78.0	78.1	78.0	78.1	77.9	77.8	77.8	77.8	77.4
Employed	59,412	59,722	59,915	60,087	60,588	60,847	60,843	61,066	61,140	61,241	61,195	61,217	60,606
Employment-population ratio ²	74.1	74.3	74.3	74.3	74.6	74.6	74.4	74.5	74.3	74.2	73.8	73.7	72.7
Agriculture	2,282	2,248	2,252	2,305	2,307	2,272	2,340	2,294	2,268	2,338	2,281	2,318	2,286
Nonagricultural industries	57,130	57,474	57,662	57,783	58,281	58,574	58,504	58,772	58,872	58,907	58,913	58,898	58,320
Unemployed	3,069	2,970	2,969	2,928	2,816	2,808	2,904	2,917	2,958	3,040	3,246	3,476	3,946
Unemployment rate	4.9	4.7	4.7	4.6	4.4	4.4	4.6	4.6	4.6	4.7	5.0	5.4	6.1
Not in labor force	17,713	17,725	17,792	17,909	17,847	17,855	17,993	17,993	18,165	18,300	18,423	18,412	18,824
Women, 16 years and over													
Civilian noninstitutional population ¹	96,447	96,644	96,859	97,072	97,325	97,523	97,734	97,940	98,097	98,289	98,499	98,711	98,905
Civilian labor force	54,421	54,415	54,794	55,343	55,736	55,910	56,143	56,321	56,514	56,639	56,624	56,444	56,715
Percent of population	56.4	56.3	56.6	57.0	57.3	57.3	57.4	57.5	57.6	57.6	57.5	57.2	57.3
Employed	51,266	51,374	51,755	52,405	52,826	52,867	53,107	53,302	53,526	53,660	53,530	53,207	53,220
Employment-population ratio ²	53.2	53.2	53.4	54.0	54.3	54.2	54.3	54.4	54.6	54.6	54.3	53.9	53.8
Agriculture	694	679	636	713	738	653	690	681	667	712	662	673	681
Nonagricultural industries	50,572	50,695	51,119	51,692	52,088	52,214	52,417	52,621	52,859	52,948	52,867	52,534	52,540
Unemployed	3,155	3,041	3,038	2,937	2,910	3,043	3,037	3,019	2,989	2,979	3,095	3,237	3,495
Unemployment rate	5.8	5.6	5.5	5.3	5.2	5.4	5.4	5.4	5.3	5.3	5.5	5.7	6.2
Not in labor force	42,026	42,229	42,065	41,729	41,589	41,613	41,591	41,619	41,583	41,650	41,875	42,267	42,190
Women, 20 years and over													
Civilian noninstitutional population ¹	89,183	89,397	89,664	89,883	90,155	90,425	90,685	90,952	91,162	91,413	91,678	91,954	92,203
Civilian labor force	50,522	50,565	50,887	51,506	51,911	52,076	52,333	52,523	52,787	53,042	53,180	53,042	53,247
Percent of population	56.7	56.6	56.8	57.3	57.6	57.6	57.7	57.7	57.9	58.0	58.0	57.7	57.7
Employed	47,965	48,084	48,403	49,089	49,514	49,577	49,857	50,030	50,324	50,571	50,597	50,336	50,342
Employment-population ratio ²	53.8	53.8	54.0	54.6	54.9	54.8	55.0	55.0	55.2	55.3	55.2	54.7	54.6
Agriculture	638	626	593	653	680	614	651	631	623	661	618	634	649
Nonagricultural industries	47,328	47,458	47,810	48,436	48,833	48,962	49,206	49,399	49,701	49,910	49,979	49,702	49,694
Unemployed	2,557	2,481	2,484	2,417	2,398	2,500	2,476	2,493	2,463	2,471	2,583	2,706	2,904
Unemployment rate	5.1	4.9	4.9	4.7	4.6	4.8	4.7	4.7	4.7	4.7	4.9	5.1	5.5
Not in labor force	38,661	38,832	38,777	38,377	38,244	38,349	38,352	38,429	38,375	38,371	38,498	38,912	38,956
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	14,590	14,574	14,500	14,445	14,367	14,243	14,177	14,090	13,985	13,830	13,724	13,637	13,532
Civilian labor force	8,022	8,017	8,144	7,943	7,935	7,969	7,938	7,926	7,761	7,516	7,174	7,189	7,214
Percent of population	55.0	55.0	56.2	55.0	55.2	56.0	56.0	56.3	55.5	54.3	52.3	52.7	53.3
Employed	6,734	6,801	6,895	6,795	6,735	6,761	6,765	6,736	6,620	6,390	6,027	6,012	5,917
Employment-population ratio ²	46.2	46.7	47.5	47.0	46.9	47.5	47.7	47.8	47.3	46.2	43.9	44.1	43.7
Agriculture	285	277	273	263	248	231	257	256	262	236	252	252	226
Nonagricultural industries	6,448	6,524	6,622	6,532	6,488	6,530	6,508	6,480	6,358	6,154	5,775	5,760	5,691
Unemployed	1,288	1,217	1,249	1,148	1,200	1,208	1,174	1,190	1,141	1,126	1,147	1,178	1,298
Unemployment rate	16.1	15.2	15.3	14.4	15.1	15.2	14.8	15.0	14.7	15.0	16.0	16.4	18.0
Not in labor force	6,568	6,557	6,356	6,502	6,432	6,274	6,239	6,164	6,224	6,314	6,550	6,448	6,318

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	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
WHITE													
Civilian noninstitutional population ¹	157,772	158,048	158,347	158,611	158,944	159,198	159,473	159,738	160,007	160,269	160,553	160,830	161,095
Civilian labor force	104,230	104,480	104,916	105,386	105,929	106,225	106,385	106,841	107,048	107,166	107,251	107,281	107,294
Percent of population	66.1	66.1	66.3	66.4	66.6	66.7	66.7	66.9	66.9	66.9	66.8	66.7	66.6
Employed	99,145	99,641	99,917	100,555	101,263	101,483	101,566	102,007	102,155	102,238	102,126	101,836	101,039
Employment-population ratio ²	62.8	63.0	63.1	63.4	63.7	63.7	63.7	63.9	63.8	63.8	63.6	63.3	62.7
Unemployed	5,085	4,839	4,999	4,831	4,666	4,742	4,819	4,835	4,893	4,928	5,125	5,445	6,255
Unemployment rate	4.9	4.6	4.8	4.6	4.4	4.5	4.5	4.5	4.6	4.6	4.8	5.1	5.8
Men, 20 years and over													
Civilian labor force	54,503	54,642	54,843	54,947	55,244	55,374	55,445	55,706	55,821	55,859	56,023	56,201	55,996
Percent of population	78.3	78.3	78.4	78.3	78.5	78.5	78.4	78.5	78.4	78.2	78.3	78.3	77.8
Employed	52,184	52,436	52,558	52,692	53,136	53,298	53,250	53,514	53,569	53,566	53,614	53,559	52,880
Employment-population ratio ²	74.9	75.1	75.1	75.1	75.5	75.5	75.3	75.4	75.3	75.0	74.9	74.6	73.4
Unemployed	2,319	2,206	2,284	2,254	2,108	2,076	2,195	2,191	2,252	2,293	2,409	2,643	3,116
Unemployment rate	4.3	4.0	4.2	4.1	3.8	3.7	4.0	3.9	4.0	4.1	4.3	4.7	5.6
Women, 20 years and over													
Civilian labor force	42,784	42,893	43,074	43,566	43,854	44,015	44,158	44,379	44,584	44,859	45,028	44,875	45,095
Percent of population	58.1	58.2	56.3	56.8	57.0	57.1	57.2	57.3	57.5	57.7	57.8	57.5	57.6
Employed	40,968	41,166	41,289	41,843	42,169	42,221	42,380	42,597	42,801	43,066	43,175	42,934	42,917
Employment-population ratio ²	53.7	53.9	53.9	54.5	54.8	54.8	54.9	55.0	55.2	55.4	55.4	55.0	54.8
Unemployed	1,816	1,727	1,785	1,723	1,685	1,795	1,779	1,782	1,782	1,793	1,853	1,941	2,177
Unemployment rate	4.2	4.0	4.1	4.0	3.8	4.1	4.0	4.0	4.0	4.0	4.1	4.3	4.8
Both sexes, 16 to 19 years													
Civilian labor force	6,943	6,946	7,000	6,873	6,830	6,836	6,781	6,756	6,643	6,448	6,201	6,205	6,204
Percent of population	58.4	58.5	59.2	58.5	58.6	59.0	59.0	59.3	59.0	57.9	56.2	56.7	57.3
Employed	5,993	6,039	6,070	6,020	5,958	5,965	5,936	5,895	5,785	5,606	5,337	5,344	5,241
Employment-population ratio ²	50.4	50.8	51.3	51.2	51.1	51.5	51.6	51.8	51.4	50.3	48.4	48.9	48.4
Unemployed	950	907	930	854	872	871	845	861	859	842	864	861	962
Unemployment rate	13.7	13.1	13.3	12.4	12.8	12.7	12.5	12.7	12.9	13.1	13.9	13.9	15.5
Men	14.4	13.8	14.3	13.2	14.5	13.7	12.9	13.8	13.2	13.8	15.1	14.8	16.6
Women	13.0	12.3	12.2	11.6	10.9	11.7	12.0	11.6	12.6	12.3	12.7	12.8	14.3
BLACK													
Civilian noninstitutional population ¹	20,568	20,651	20,737	20,813	20,904	20,985	21,061	21,136	21,187	21,259	21,339	21,416	21,493
Civilian labor force	13,124	13,092	13,260	13,338	13,437	13,445	13,533	13,522	13,507	13,531	13,428	13,510	13,511
Percent of population	63.8	63.4	63.9	64.1	64.3	64.1	64.3	64.0	63.8	63.6	62.9	63.1	62.9
Employed	11,505	11,507	11,761	11,861	11,884	11,899	12,018	11,960	12,033	12,090	11,864	11,882	11,880
Employment-population ratio ²	55.9	55.7	56.7	57.0	56.8	56.7	57.1	56.6	56.8	56.9	55.6	55.5	55.3
Unemployed	1,619	1,585	1,499	1,477	1,553	1,546	1,518	1,562	1,474	1,441	1,564	1,628	1,631
Unemployment rate	12.3	12.1	11.3	11.1	11.6	11.5	11.2	11.5	10.9	10.6	11.6	12.0	12.1
Men, 20 years and over													
Civilian labor force	6,112	6,123	6,113	6,153	6,211	6,202	6,217	6,227	6,204	6,259	6,292	6,349	6,358
Percent of population	74.9	74.7	74.2	74.4	74.7	74.3	74.2	74.0	73.5	73.8	73.8	74.2	73.8
Employed	5,463	5,479	5,532	5,565	5,583	5,586	5,613	5,590	5,579	5,656	5,603	5,646	5,641
Employment-population ratio ²	66.9	66.8	67.2	67.3	67.2	66.9	67.0	66.4	66.1	66.7	65.7	66.0	65.5
Unemployed	649	644	581	588	628	615	603	637	625	603	689	703	717
Unemployment rate	10.6	10.5	9.5	9.6	10.1	9.9	9.7	10.2	10.1	9.6	11.0	11.1	11.3
Women, 20 years and over													
Civilian labor force	6,151	6,101	6,219	6,289	6,327	6,321	6,377	6,354	6,415	6,432	6,352	6,350	6,350
Percent of population	60.1	59.4	60.3	60.7	60.7	60.4	60.7	60.2	60.6	60.5	59.5	59.2	59.0
Employed	5,489	5,437	5,596	5,671	5,699	5,702	5,761	5,724	5,818	5,843	5,729	5,704	5,729
Employment-population ratio ²	53.6	52.9	54.2	54.7	54.7	54.5	54.8	54.3	55.0	55.0	53.7	53.2	53.2
Unemployed	662	664	623	618	628	620	616	630	597	590	623	645	621
Unemployment rate	10.8	10.9	10.0	9.8	9.9	9.8	9.7	9.9	9.3	9.2	9.8	10.2	9.8

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	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	861	868	927	895	899	922	939	941	888	839	784	811	803
Percent of population	39.6	39.8	42.5	41.1	41.3	42.4	43.0	43.3	40.9	39.0	36.6	37.9	38.0
Employed	553	591	633	625	601	611	643	647	636	591	532	532	510
Employment-population ratio ²	25.5	27.1	29.0	28.7	27.6	28.1	29.5	29.8	29.3	27.5	24.8	24.9	24.1
Unemployed	308	277	295	270	298	311	296	294	252	248	252	279	293
Unemployment rate	35.7	32.0	31.8	30.2	33.1	33.7	31.5	31.3	28.4	29.6	32.2	34.4	36.5
Men	37.2	30.6	32.1	31.7	32.6	34.7	28.8	31.1	29.6	31.8	33.7	33.6	36.2
Women	34.3	33.5	31.4	28.4	33.7	32.6	34.5	31.4	27.1	27.2	30.5	35.3	36.7
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	13,153	13,268	13,382	13,495	13,606	13,731	13,853	13,977	14,119	14,238	14,356	14,474	14,593
Civilian labor force	8,904	8,891	8,995	9,140	9,229	9,289	9,347	9,436	9,498	9,615	9,645	9,550	9,650
Percent of population	67.7	67.0	67.2	67.7	67.8	67.6	67.5	67.5	67.3	67.5	67.2	66.0	66.1
Employed	8,173	8,107	8,288	8,437	8,541	8,541	8,546	8,682	8,769	8,882	8,863	8,717	8,714
Employment-population ratio ²	62.1	61.1	61.9	62.5	62.8	62.2	61.7	62.1	62.1	62.4	61.7	60.2	59.7
Unemployed	731	785	707	704	688	748	801	753	729	733	782	832	936
Unemployment rate	8.2	8.8	7.9	7.7	7.5	8.1	8.6	8.0	7.7	7.6	8.1	8.7	9.7

¹ The population figures are not adjusted for seasonal variation.

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

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

**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	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
EMPLOYED													
Full-time workers	94,515	95,016	95,364	95,945	96,711	97,030	97,546	98,048	98,196	98,263	97,918	97,653	96,781
Men, 16 years and over	56,444	56,827	56,938	57,059	57,528	57,788	58,048	58,114	58,117	58,061	57,873	57,880	57,150
Men, 20 years and over	55,025	55,361	55,445	55,586	56,115	56,297	56,462	56,641	56,703	56,662	56,607	56,589	55,929
Women, 16 years and over	38,017	38,233	38,477	38,873	39,121	39,272	39,586	39,913	40,010	40,227	39,991	39,823	39,704
Women, 20 years and over	36,915	37,145	37,349	37,788	38,073	38,195	38,525	38,818	38,986	39,188	39,065	38,912	38,873
Both sexes, 16 to 19 years	2,575	2,510	2,570	2,571	2,522	2,538	2,559	2,589	2,507	2,413	2,246	2,151	1,979
Part-time workers	19,632	19,521	19,816	20,061	20,151	20,092	19,859	19,838	19,925	19,896	19,965	19,896	19,961
Men, 16 years and over	6,395	6,376	6,557	6,503	6,481	6,500	6,362	6,406	6,434	6,459	6,453	6,467	6,471
Men, 20 years and over	4,414	4,334	4,486	4,486	4,500	4,517	4,380	4,419	4,478	4,550	4,592	4,618	4,666
Women, 16 years and over	13,211	13,138	13,290	13,552	13,649	13,589	13,547	13,414	13,470	13,431	13,564	13,407	13,477
Women, 20 years and over	11,035	10,945	11,034	11,324	11,420	11,385	11,314	11,239	11,331	11,385	11,508	11,450	11,472
Both sexes, 16 to 19 years	4,183	4,242	4,296	4,251	4,231	4,189	4,165	4,180	4,116	3,961	3,865	3,827	3,824
UNEMPLOYED													
Looking for full-time work	5,535	5,318	5,347	5,202	5,139	5,179	5,249	5,247	5,276	5,285	5,583	6,056	6,751
Men, 16 years and over	3,154	3,098	3,144	3,060	2,912	2,941	3,036	3,057	3,055	3,120	3,293	3,582	4,199
Men, 20 years and over	2,862	2,758	2,760	2,717	2,621	2,585	2,689	2,685	2,762	2,790	2,962	3,260	3,753
Women, 16 years and over	2,319	2,238	2,227	2,171	2,140	2,262	2,243	2,215	2,163	2,184	2,292	2,466	2,644
Women, 20 years and over	2,052	1,981	1,982	1,923	1,918	1,989	1,985	1,957	1,945	1,951	2,064	2,220	2,368
Both sexes, 16 to 19 years	621	579	605	563	600	605	575	605	570	543	557	575	629
Looking for part-time work	1,400	1,334	1,344	1,286	1,298	1,323	1,288	1,347	1,312	1,333	1,381	1,310	1,446
Men, 16 years and over	567	533	541	512	534	536	502	539	494	531	571	543	591
Men, 20 years and over	225	205	191	214	216	213	193	232	221	235	262	224	233
Women, 16 years and over	836	804	802	779	766	784	788	807	822	798	806	764	852
Women, 20 years and over	512	490	502	492	486	505	490	533	527	514	522	484	551
Both sexes, 16 to 19 years	664	639	652	581	595	605	605	582	564	584	596	603	662

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

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
CHARACTERISTIC													
Total	114,111	114,607	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865
Married men, spouse present	40,393	40,418	40,569	40,520	40,870	40,961	40,843	40,887	41,067	40,750	40,698	40,802	40,365
Married women, spouse present	28,571	28,619	28,807	29,057	29,475	29,536	29,416	29,707	29,739	29,852	29,843	29,759	29,598
Women who maintain families	6,160	6,078	6,226	6,368	6,361	6,334	6,405	6,353	6,311	6,390	6,375	6,354	6,413
OCCUPATION													
Managerial and professional specialty	28,595	29,160	29,418	29,594	30,055	30,399	30,395	30,730	30,632	30,514	30,748	30,741	30,852
Technical, sales, and administrative support	35,532	35,227	35,652	35,729	35,641	36,159	36,214	36,434	37,002	37,008	36,350	36,356	36,242
Service occupations	15,176	15,251	15,332	15,569	15,594	15,440	15,759	15,449	15,490	15,774	15,884	15,882	15,823
Precision production, craft, and repair	13,605	13,801	13,593	13,666	13,870	13,732	13,723	13,915	13,753	13,688	13,629	13,500	13,315
Operators, fabricators, and laborers	17,684	17,689	17,901	17,976	18,171	18,092	17,922	17,967	17,759	17,776	17,788	17,768	17,092
Farming, forestry, and fishing	3,476	3,426	3,369	3,502	3,449	3,331	3,488	3,397	3,372	3,421	3,427	3,391	3,441
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,632	1,627	1,579	1,654	1,671	1,608	1,696	1,665	1,632	1,675	1,707	1,689	1,596
Self-employed workers	1,423	1,367	1,396	1,412	1,407	1,384	1,428	1,389	1,399	1,457	1,346	1,403	1,419
Unpaid family workers	135	158	147	151	156	128	132	119	115	108	102	106	153
Nonagricultural industries:													
Wage and salary workers	102,389	102,507	103,289	103,903	104,725	105,199	105,329	105,763	105,963	105,989	105,699	105,249	104,574
Government	17,003	17,040	17,084	17,311	17,376	17,267	17,547	17,681	17,683	17,894	17,727	17,656	17,767
Private industries	85,386	85,467	86,205	86,592	87,349	87,933	87,782	88,082	88,280	88,095	87,972	87,593	86,807
Private households	1,158	1,140	1,124	1,192	1,160	1,134	1,095	1,031	1,024	996	1,030	1,007	967
Other industries	84,229	84,327	85,081	85,399	86,189	86,799	86,687	87,052	87,256	87,099	86,942	86,586	85,840
Self-employed workers	8,309	8,651	8,556	8,557	8,605	8,591	8,616	8,606	8,720	8,745	8,727	8,852	8,847
Unpaid family workers	237	286	243	274	300	274	267	268	275	246	244	248	232
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	5,319	5,124	5,246	5,117	4,972	4,972	4,854	4,778	4,909	4,911	5,131	5,476	5,911
Slack work	2,411	2,292	2,355	2,337	2,286	2,328	2,321	2,300	2,369	2,450	2,573	2,792	3,154
Could only find part-time work	2,575	2,463	2,498	2,397	2,337	2,327	2,173	2,107	2,175	2,147	2,227	2,329	2,369
Voluntary part time	14,607	14,791	15,030	15,364	15,351	15,422	15,507	15,354	15,266	15,334	15,277	15,086	14,874
Nonagricultural industries:													
Part time for economic reasons	5,076	4,889	5,017	4,855	4,715	4,771	4,608	4,535	4,679	4,705	4,887	5,187	5,623
Slack work	2,255	2,156	2,200	2,181	2,108	2,184	2,165	2,140	2,214	2,283	2,390	2,611	2,956
Could only find part-time work	2,485	2,365	2,451	2,311	2,265	2,262	2,102	2,048	2,111	2,091	2,173	2,254	2,295
Voluntary part time	14,154	14,307	14,604	14,905	14,920	14,990	15,059	14,929	14,817	14,837	14,846	14,674	14,481

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	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over	114,111	114,607	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865
16 to 24 years	20,145	20,033	20,118	19,924	19,838	19,819	19,735	19,432	19,306	19,053	18,618	18,556	18,301
16 to 19 years	6,734	6,801	6,895	6,795	6,735	6,761	6,765	6,736	6,620	6,390	6,027	6,012	5,917
16 to 17 years	2,722	2,731	2,705	2,690	2,590	2,592	2,558	2,583	2,506	2,379	2,206	2,220	2,251
18 to 19 years	4,010	4,070	4,181	4,108	4,151	4,161	4,214	4,150	4,115	4,002	3,824	3,790	3,677
20 to 24 years	13,411	13,233	13,224	13,129	13,103	13,058	12,970	12,696	12,686	12,663	12,591	12,544	12,384
25 years and over	93,982	94,549	95,135	96,020	97,001	97,343	97,779	98,370	98,763	99,126	99,260	98,981	98,533
25 to 54 years	79,356	79,970	80,576	81,257	82,093	82,425	82,992	83,555	83,872	84,209	84,329	84,157	83,801
55 years and over	14,592	14,564	14,581	14,783	14,874	14,899	14,813	14,843	14,861	14,905	14,949	14,855	14,678
Men, 16 years and over	62,845	63,233	63,457	63,566	64,010	64,318	64,358	64,530	64,559	64,541	64,289	64,357	63,645
16 to 24 years	10,392	10,438	10,471	10,349	10,330	10,315	10,243	10,157	10,065	9,947	9,717	9,722	9,490
16 to 19 years	3,433	3,511	3,542	3,479	3,423	3,471	3,515	3,464	3,419	3,301	3,094	3,141	3,038
16 to 17 years	1,404	1,408	1,411	1,386	1,308	1,322	1,328	1,324	1,298	1,224	1,132	1,171	1,171
18 to 19 years	2,032	2,096	2,126	2,101	2,129	2,138	2,193	2,142	2,125	2,063	1,962	1,970	1,879
20 to 24 years	6,959	6,927	6,929	6,870	6,908	6,844	6,728	6,693	6,646	6,646	6,623	6,581	6,451
25 years and over	52,468	52,774	53,007	53,205	53,692	53,987	54,139	54,359	54,492	54,581	54,594	54,623	54,129
25 to 54 years	43,951	44,248	44,512	44,727	45,132	45,381	45,673	45,908	46,003	46,078	46,072	46,130	45,774
55 years and over	8,511	8,507	8,505	8,494	8,556	8,580	8,480	8,470	8,484	8,479	8,534	8,514	8,332
Women, 16 years and over	51,266	51,374	51,755	52,405	52,826	52,867	53,107	53,302	53,526	53,660	53,530	53,207	53,220
16 to 24 years	9,753	9,595	9,647	9,575	9,508	9,504	9,492	9,276	9,241	9,106	8,901	8,834	8,811
16 to 19 years	3,301	3,290	3,352	3,316	3,313	3,290	3,250	3,272	3,201	3,089	2,933	2,871	2,878
16 to 17 years	1,318	1,323	1,294	1,303	1,282	1,271	1,230	1,259	1,209	1,155	1,075	1,049	1,080
18 to 19 years	1,977	1,974	2,054	2,006	2,022	2,024	2,021	2,008	1,990	1,939	1,862	1,820	1,797
20 to 24 years	6,452	6,305	6,295	6,259	6,195	6,214	6,242	6,004	6,040	6,016	5,968	5,963	5,933
25 years and over	41,514	41,775	42,128	42,815	43,309	43,356	43,640	44,011	44,271	44,546	44,666	44,358	44,403
25 to 54 years	35,406	35,722	36,064	36,530	36,961	37,044	37,320	37,647	37,869	38,131	38,257	38,026	38,027
55 years and over	6,081	6,057	6,076	6,290	6,318	6,319	6,333	6,374	6,377	6,426	6,416	6,340	6,346

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

(In thousands)

Sex and age	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over	6,914	6,668	6,702	6,493	6,414	6,515	6,554	6,600	6,562	6,638	6,976	7,360	8,149
16 to 24 years	2,617	2,483	2,462	2,373	2,410	2,408	2,407	2,413	2,315	2,339	2,372	2,451	2,690
16 to 19 years	1,288	1,217	1,249	1,148	1,200	1,208	1,174	1,190	1,141	1,126	1,147	1,178	1,298
16 to 17 years	595	561	608	525	542	516	538	539	496	517	494	513	532
18 to 19 years	689	666	641	616	651	703	638	647	637	619	655	661	757
20 to 24 years	1,329	1,266	1,213	1,225	1,210	1,201	1,233	1,223	1,175	1,213	1,255	1,274	1,392
25 years and over	4,314	4,181	4,224	4,115	4,024	4,103	4,123	4,180	4,272	4,298	4,577	4,900	5,491
25 to 54 years	3,843	3,710	3,755	3,685	3,585	3,625	3,643	3,701	3,763	3,829	4,054	4,391	4,921
55 years and over	482	475	455	433	442	479	472	484	513	474	512	517	576
Men, 16 years and over	3,758	3,627	3,664	3,555	3,504	3,472	3,518	3,581	3,573	3,658	3,882	4,123	4,653
16 to 24 years	1,409	1,329	1,345	1,276	1,322	1,295	1,309	1,339	1,261	1,293	1,284	1,341	1,540
16 to 19 years	690	657	695	627	688	664	613	664	615	618	636	646	707
16 to 17 years	320	297	329	296	304	300	296	305	256	274	272	279	310
18 to 19 years	369	363	366	328	381	368	319	359	355	346	366	367	392
20 to 24 years	719	673	650	651	635	631	696	675	646	675	649	695	833
25 years and over	2,365	2,296	2,304	2,271	2,201	2,171	2,185	2,238	2,338	2,361	2,570	2,777	3,147
25 to 54 years	2,063	1,999	2,017	2,008	1,928	1,893	1,892	1,952	2,025	2,066	2,236	2,457	2,778
55 years and over	308	294	278	271	269	277	292	295	308	297	330	332	362
Women, 16 years and over	3,155	3,041	3,038	2,937	2,910	3,043	3,037	3,019	2,989	2,979	3,095	3,237	3,495
16 to 24 years	1,208	1,154	1,118	1,095	1,088	1,113	1,098	1,075	1,054	1,047	1,088	1,110	1,150
16 to 19 years	598	560	554	521	512	544	560	526	526	508	512	531	591
16 to 17 years	275	264	279	229	238	217	242	235	240	243	222	234	223
18 to 19 years	320	303	276	287	270	335	319	288	282	273	289	294	365
20 to 24 years	610	594	563	574	576	570	537	548	528	538	576	579	559
25 years and over	1,949	1,885	1,920	1,844	1,823	1,932	1,938	1,942	1,934	1,937	2,007	2,123	2,344
25 to 54 years	1,781	1,710	1,738	1,677	1,657	1,733	1,752	1,749	1,738	1,763	1,817	1,933	2,143
55 years and over	174	181	177	162	173	203	180	189	205	177	182	185	215

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Civilian workers)

Sex and age	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over	5.7	5.5	5.5	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.5
16 to 24 years	11.5	11.0	10.9	10.6	10.8	10.8	10.9	11.0	10.7	10.9	11.3	11.7	12.8
16 to 19 years	16.1	15.2	15.3	14.4	15.1	15.2	14.8	15.0	14.7	15.0	16.0	16.4	18.0
16 to 17 years	17.9	17.0	18.4	16.3	17.3	16.6	17.4	17.3	16.5	17.9	18.3	18.8	19.1
18 to 19 years	14.7	14.1	13.3	13.0	13.6	14.5	13.1	13.5	13.4	13.4	14.6	14.9	17.1
20 to 24 years	9.0	8.7	8.4	8.5	8.5	8.4	8.7	8.8	8.5	8.7	8.9	9.2	10.1
25 years and over	4.4	4.2	4.3	4.1	4.0	4.0	4.0	4.1	4.1	4.2	4.4	4.7	5.3
25 to 54 years	4.6	4.4	4.5	4.3	4.2	4.2	4.2	4.2	4.3	4.3	4.6	5.0	5.5
55 years and over	3.2	3.2	3.0	2.8	2.9	3.1	3.1	3.2	3.3	3.1	3.3	3.4	3.8
Men, 16 years and over	5.6	5.4	5.5	5.3	5.2	5.1	5.2	5.3	5.2	5.4	5.7	6.0	6.8
16 to 24 years	11.9	11.3	11.4	11.0	11.3	11.2	11.3	11.6	11.1	11.5	11.7	12.1	14.0
16 to 19 years	16.7	15.8	16.4	15.3	16.7	16.1	14.9	16.1	15.2	15.8	17.0	17.1	18.9
16 to 17 years	18.6	17.4	18.9	17.6	18.9	18.5	18.2	18.7	16.5	18.3	19.4	19.3	20.9
18 to 19 years	15.4	14.8	14.7	13.5	15.2	14.7	12.7	14.3	14.3	14.4	15.7	15.7	17.3
20 to 24 years	9.4	8.9	8.6	8.7	8.4	8.4	9.4	9.2	8.9	9.2	8.9	9.5	11.4
25 years and over	4.3	4.2	4.2	4.1	3.9	3.9	3.9	4.0	4.1	4.1	4.5	4.8	5.5
25 to 54 years	4.5	4.3	4.3	4.3	4.1	4.0	4.0	4.1	4.2	4.3	4.6	5.1	5.7
55 years and over	3.5	3.3	3.2	3.1	3.0	3.1	3.3	3.4	3.5	3.4	3.7	3.7	4.2
Women, 16 years and over	5.8	5.6	5.5	5.3	5.2	5.4	5.4	5.4	5.3	5.3	5.5	5.7	6.2
16 to 24 years	11.0	10.7	10.4	10.3	10.3	10.5	10.4	10.4	10.2	10.3	10.9	11.2	11.5
16 to 19 years	15.3	14.5	14.2	13.6	13.4	14.2	14.7	13.9	14.1	14.1	14.9	15.6	17.0
16 to 17 years	17.3	16.6	17.7	15.0	15.7	14.6	16.4	15.7	16.6	17.4	17.1	18.2	17.1
18 to 19 years	13.9	13.3	11.8	12.5	11.8	14.2	13.6	12.5	12.4	12.3	13.4	13.9	16.9
20 to 24 years	8.6	8.6	8.2	8.4	8.5	8.4	7.9	8.4	8.0	8.2	8.8	8.9	8.6
25 years and over	4.5	4.3	4.4	4.1	4.0	4.3	4.3	4.2	4.2	4.2	4.3	4.6	5.0
25 to 54 years	4.8	4.6	4.6	4.4	4.3	4.5	4.5	4.4	4.4	4.4	4.5	4.8	5.3
55 years and over	2.8	2.9	2.8	2.5	2.7	3.1	2.8	2.9	3.1	2.7	2.8	2.8	3.3

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-50. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
CHARACTERISTIC													
Total (all civilian workers)	5.7	5.5	5.5	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.5
Men, 20 years and over	4.9	4.7	4.7	4.6	4.4	4.4	4.6	4.6	4.6	4.7	5.0	5.4	6.1
Women, 20 years and over	5.1	4.9	4.9	4.7	4.6	4.8	4.7	4.7	4.7	4.7	4.9	5.1	5.5
Both sexes, 16 to 19 years	16.1	15.2	15.3	14.4	15.1	15.2	14.8	15.0	14.7	15.0	16.0	16.4	18.0
White	4.9	4.6	4.8	4.6	4.4	4.5	4.5	4.5	4.6	4.6	4.8	5.1	5.8
Black and other	11.0	10.8	10.0	9.8	10.2	10.0	9.8	10.1	9.6	9.5	10.5	10.9	10.8
Black	12.3	12.1	11.3	11.1	11.6	11.5	11.2	11.5	10.9	10.6	11.6	12.0	12.1
Hispanic origin	8.2	8.8	7.9	7.7	7.5	8.1	8.6	8.0	7.7	7.6	8.1	8.7	9.7
Married men, spouse present	3.4	3.2	3.2	3.2	3.0	3.0	3.1	3.1	3.2	3.2	3.4	3.7	4.3
Married women, spouse present	4.1	3.9	3.9	3.7	3.5	3.9	3.8	3.8	3.7	3.6	3.8	4.0	4.4
Women who maintain families	8.3	8.4	7.9	7.9	8.0	8.1	7.9	7.9	7.9	7.8	8.5	8.6	9.0
Full-time workers	5.3	5.1	5.1	5.0	4.9	4.9	5.0	4.9	5.0	5.0	5.2	5.7	6.3
Part-time workers	8.0	7.6	7.6	7.2	7.2	7.3	7.1	7.4	7.3	7.4	7.6	7.4	8.1
Unemployed 15 weeks and over ¹	1.4	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.6
Labor force time lost ²	6.6	6.3	6.4	6.1	6.0	6.0	6.0	5.9	5.9	6.0	6.3	6.7	7.4
OCCUPATION³													
Managerial and professional specialty	2.0	1.9	2.0	1.9	2.0	2.0	1.9	2.0	1.9	2.1	2.2	2.2	2.6
Technical, sales, and administrative support	4.0	4.0	4.1	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.2	4.6	4.9
Precision production, craft, and repair	5.6	5.2	5.0	5.5	5.3	5.3	5.1	5.2	5.2	5.3	6.2	6.8	7.5
Operators, fabricators, and laborers	8.7	8.4	8.3	7.9	7.7	7.8	8.5	8.1	8.5	8.4	8.2	9.3	10.9
Farming, forestry, and fishing	7.0	6.9	7.5	6.5	6.4	6.6	5.7	6.8	6.1	6.1	6.4	6.2	8.2
INDUSTRY													
Nonagricultural private wage and salary workers	5.7	5.5	5.5	5.4	5.3	5.3	5.4	5.4	5.5	5.5	5.7	6.1	6.8
Goods-producing industries	6.7	6.5	6.5	6.3	6.1	6.1	6.4	6.3	6.5	6.6	6.9	7.8	8.8
Mining	7.6	8.6	7.1	8.2	6.7	5.0	6.9	5.1	5.6	4.1	4.3	4.9	6.9
Construction	11.2	10.5	10.2	10.2	10.1	9.7	10.4	9.4	9.5	10.5	11.2	13.4	14.7
Manufacturing	5.4	5.2	5.4	5.1	4.9	5.1	5.2	5.4	5.6	5.5	5.7	6.3	7.1
Durable goods	5.3	4.9	5.2	4.9	4.6	4.7	4.9	5.3	5.5	5.4	5.8	6.5	7.7
Nondurable goods	5.5	5.8	5.9	5.5	5.3	5.6	5.6	5.6	5.9	5.6	5.6	6.0	6.4
Service-producing industries	5.2	5.0	5.0	5.0	4.9	5.0	5.0	4.9	5.0	5.0	5.2	5.4	6.0
Transportation and public utilities	3.9	4.0	3.7	3.8	3.9	4.1	4.1	3.6	3.8	3.6	3.9	4.1	5.1
Wholesale and retail trade	6.5	6.1	6.2	6.0	5.9	5.8	6.0	6.2	6.2	6.3	6.3	6.7	7.4
Finance and service industries	4.6	4.5	4.4	4.4	4.4	4.5	4.4	4.3	4.4	4.5	4.6	4.7	5.2
Government workers	3.0	2.9	2.8	2.5	2.8	2.9	2.7	2.6	2.4	2.5	2.8	2.8	3.3
Agricultural wage and salary workers	11.1	10.6	11.1	9.6	9.2	9.9	8.5	10.7	9.6	9.5	9.6	10.2	12.4

¹ Unemployment as a percent of the civilian labor force.

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

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Weeks of unemployment	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
DURATION													
Less than 5 weeks	3,072	3,110	3,103	3,040	3,141	3,179	3,151	3,205	3,157	3,121	3,168	3,232	3,466
5 to 14 weeks	2,122	1,967	1,978	1,938	1,918	1,996	2,007	1,992	2,051	2,142	2,232	2,414	2,710
15 weeks and over	1,723	1,606	1,601	1,483	1,379	1,363	1,368	1,370	1,380	1,419	1,560	1,686	1,996
15 to 26 weeks	856	782	796	754	701	706	772	732	741	765	830	924	1,090
27 weeks and over	867	824	805	729	679	657	596	638	639	654	730	762	905
Average (mean) duration, in weeks	14.0	13.5	13.5	12.9	12.4	11.9	11.6	11.6	11.8	11.9	12.3	12.3	12.7
Median duration, in weeks	6.3	5.9	5.9	5.7	5.5	5.4	5.2	4.9	5.1	5.2	5.5	5.9	6.2
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	44.4	46.5	46.4	47.1	48.8	48.6	48.3	48.8	47.9	46.7	45.5	44.1	42.4
5 to 14 weeks	30.7	29.4	29.6	30.0	29.8	30.5	30.8	30.3	31.1	32.1	32.1	32.9	33.2
15 weeks and over	24.9	24.0	24.0	23.0	21.4	20.9	21.0	20.9	20.9	21.2	22.4	23.0	24.4
15 to 26 weeks	12.4	11.7	11.9	11.7	10.9	10.8	11.8	11.1	11.2	11.4	11.9	12.6	13.3
27 weeks and over	12.5	12.3	12.1	11.3	10.5	10.0	9.1	9.7	9.7	9.8	10.5	10.4	11.1

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

(Numbers in thousands)

Reasons for unemployment	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
NUMBER OF UNEMPLOYED													
Job losers	3,155	3,110	3,106	2,988	2,929	2,860	2,958	3,039	3,095	3,174	3,351	3,705	4,429
On layoff	872	840	868	825	796	821	860	898	971	970	1,027	1,114	1,349
Other job losers	2,283	2,270	2,238	2,163	2,134	2,040	2,098	2,141	2,124	2,203	2,324	2,591	3,080
Job leavers	1,024	962	965	981	953	1,036	1,030	1,026	1,015	1,058	988	1,000	989
Reentrants	1,898	1,785	1,799	1,749	1,800	1,934	1,838	1,850	1,813	1,820	1,915	1,988	2,043
New entrants	862	844	791	768	748	713	667	681	657	621	670	667	668
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	45.5	46.4	46.6	46.1	45.6	43.7	45.6	46.1	47.0	47.6	48.4	50.3	54.5
On layoff	12.6	12.5	13.0	12.7	12.4	12.5	13.2	13.6	14.8	14.5	14.8	15.1	16.6
Other job losers	32.9	33.9	33.6	33.3	33.2	31.2	32.3	32.5	32.3	33.0	33.6	35.2	37.9
Job leavers	14.8	14.4	14.5	15.1	14.8	15.8	15.9	15.6	15.4	15.9	14.3	13.6	12.2
Reentrants	27.3	26.6	27.0	27.0	28.0	29.6	28.3	28.0	27.6	27.3	27.7	27.0	25.1
New entrants	12.4	12.6	11.9	11.8	11.6	10.9	10.3	10.3	10.0	9.3	9.7	9.1	8.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.6	2.6	2.5	2.4	2.4	2.3	2.4	2.4	2.5	2.5	2.7	3.0	3.5
Job leavers .....	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
Reentrants	1.6	1.5	1.5	1.4	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6
New entrants .....	.7	.7	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5

**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	1988				1989				1990				1991
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
TOTAL													
Total not in labor force	62,942	63,114	62,926	62,789	62,522	62,478	62,583	62,586	62,764	62,985	63,471	63,772	64,099
Do not want a job now	57,452	57,758	57,723	57,385	57,283	57,169	57,121	57,370	57,332	57,449	58,248	58,188	58,404
Current activity:													
Going to school	6,348	6,423	6,460	6,315	6,375	6,362	6,445	6,248	6,397	6,606	6,927	6,707	6,614
Ill, disabled	4,344	4,453	4,458	4,665	4,595	4,747	4,684	4,731	4,692	4,994	5,099	5,115	4,963
Keeping house	25,213	25,426	25,379	24,542	24,451	24,186	24,043	23,827	23,897	23,422	23,619	23,562	23,117
Retired	16,894	16,775	16,838	17,212	17,200	17,377	17,726	18,211	18,228	18,349	18,542	18,598	19,110
Other activity	4,653	4,680	4,587	4,650	4,661	4,498	4,223	4,352	4,118	4,079	4,061	4,206	4,600
Want a job now	5,536	5,314	5,222	5,411	5,347	5,302	5,454	5,142	5,482	5,571	5,356	5,530	5,728
Reason not looking:													
School attendance	1,344	1,294	1,348	1,401	1,303	1,279	1,439	1,243	1,412	1,429	1,410	1,393	1,432
Ill health, disability	840	811	802	779	889	928	894	902	918	915	876	947	1,029
Home responsibilities	1,202	1,214	1,122	1,135	1,190	1,157	1,163	1,245	1,181	1,263	1,229	1,150	1,201
Think cannot get a job	1,029	905	932	930	887	859	808	799	784	879	831	941	997
Job-market factors	693	604	600	572	583	525	512	543	508	539	519	588	657
Personal factors	336	301	332	358	304	334	297	256	276	340	312	353	340
Other reasons ¹	1,121	1,090	1,018	1,166	1,078	1,079	1,150	953	1,188	1,084	1,010	1,100	1,069
Men													
Total not in labor force	20,918	20,885	20,861	21,059	20,934	20,865	20,993	20,966	21,182	21,336	21,597	21,505	21,909
Do not want a job now	19,002	19,008	18,942	19,061	19,049	18,976	18,921	19,161	19,206	19,349	19,674	19,567	19,673
Want a job now	1,997	1,875	1,881	2,009	1,965	1,899	1,989	1,771	2,018	2,011	1,951	1,927	2,151
Reason not looking:													
School attendance	673	674	647	710	653	633	715	596	742	689	713	629	769
Ill health, disability	415	353	371	370	418	449	473	427	454	487	436	453	552
Think cannot get a job	454	404	446	442	426	399	340	367	333	362	395	383	405
Other reasons ¹	455	444	418	487	468	418	461	381	489	474	407	462	425
Women													
Total not in labor force	42,026	42,229	42,065	41,729	41,589	41,613	41,591	41,619	41,583	41,650	41,875	42,267	42,190
Do not want a job now	38,450	38,750	38,781	38,324	38,234	38,194	38,199	38,209	38,127	38,100	38,574	38,621	38,731
Want a job now	3,539	3,439	3,341	3,402	3,381	3,404	3,465	3,372	3,463	3,560	3,405	3,603	3,576
Reason not looking:													
School attendance	671	620	701	690	650	647	723	647	670	740	698	763	663
Ill health, disability	425	458	431	409	471	478	421	475	464	428	441	494	477
Home responsibilities	1,202	1,214	1,122	1,135	1,190	1,157	1,163	1,245	1,181	1,263	1,229	1,150	1,201
Think cannot get a job	575	501	486	488	460	461	469	432	450	518	435	558	592
Other reasons	667	647	601	680	610	661	689	572	698	610	603	638	644
White													
Total not in labor force	53,542	53,568	53,431	53,225	53,015	52,973	53,088	52,897	52,959	53,103	53,302	53,549	53,801
Do not want a job now	49,558	49,728	49,688	49,316	49,297	49,149	49,265	49,245	49,041	49,082	49,362	49,636	49,543
Want a job now	4,030	3,828	3,683	3,890	3,847	3,754	3,774	3,687	4,020	3,931	3,909	3,905	4,195
Reason not looking:													
School attendance	971	909	879	936	906	893	962	849	990	953	983	874	1,046
Ill health, disability	610	612	564	560	663	646	596	648	669	648	664	748	737
Home responsibilities	864	831	805	827	815	817	787	904	861	916	904	828	913
Think cannot get a job	691	590	605	649	586	520	530	532	553	607	589	612	651
Other reasons ¹	894	887	830	918	878	879	899	753	948	807	769	843	848
Black													
Total not in labor force	7,444	7,559	7,477	7,475	7,467	7,540	7,528	7,614	7,680	7,728	7,911	7,906	7,982
Do not want a job now	6,120	6,319	6,244	6,183	6,140	6,274	6,000	6,326	6,394	6,404	6,705	6,469	6,693
Want a job now	1,303	1,267	1,232	1,275	1,316	1,304	1,609	1,268	1,273	1,350	1,239	1,408	1,267
Reason not looking:													
School attendance	345	322	322	379	335	308	452	339	355	405	340	440	314
Ill health, disability	198	186	226	201	216	241	297	252	227	231	181	183	233
Home responsibilities	306	322	259	274	341	274	350	306	289	274	310	303	277
Think cannot get a job	274	274	280	215	257	323	256	223	200	207	203	265	269
Other reasons ¹	180	164	145	206	168	159	254	147	203	233	205	217	174

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							
	| 1990	| 1991	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			| 1990	| 1991	| 1990	| 1991	| 1990	| 1991	| 1990	| 1991
TOTAL										
Total not in labor force	63,903	65,079	6,922	7,006	4,240	4,331	20,765	21,196	31,977	32,546
Do not want a job now	58,331	59,266	5,708	5,775	3,484	3,538	17,769	18,141	31,370	31,812
Current activity:										
Going to school	8,050	8,261	5,157	5,237	1,870	1,960	993	1,049	29	14
Ill, disabled	4,629	4,881	18	30	141	104	2,451	2,680	2,019	2,067
Keeping house	23,994	23,212	286	242	1,128	1,119	11,471	11,264	11,110	10,588
Retired	18,094	18,954	--	--	--	--	425	332	17,669	18,622
Other activity	3,564	3,959	247	266	345	355	2,430	2,817	543	521
Want a job now	5,573	5,813	1,214	1,231	756	793	2,996	3,055	606	734
Reason for not looking:										
School attendance	1,584	1,597	1,006	1,034	291	280	285	278	2	5
Ill health, disability	885	985	26	23	51	34	631	732	178	197
Home responsibility	1,146	1,164	49	63	206	235	862	818	29	48
Think cannot get a job	825	1,039	59	59	97	104	505	653	165	223
Job-market factors	541	698	36	41	67	63	349	486	90	108
Personal factors	284	342	23	18	30	41	156	167	75	115
Other reasons ¹	1,132	1,028	74	52	112	140	714	576	233	261
Men										
Total not in labor force	21,886	22,469	3,404	3,466	1,509	1,547	4,421	4,597	12,552	12,859
Do not want a job now	19,845	20,309	2,803	2,821	1,258	1,288	3,536	3,677	12,248	12,523
Current activity:										
Going to school	3,979	4,102	2,649	2,664	954	1,043	371	390	6	5
Ill, disabled	2,488	2,551	14	24	81	56	1,396	1,499	996	972
Keeping house	411	337	2	5	18	24	155	124	236	184
Retired	10,958	11,244	--	--	--	--	332	228	10,626	11,016
Other activity	2,010	2,075	138	128	205	165	1,282	1,436	384	345
Want a job now	2,041	2,160	600	645	251	259	886	919	304	336
Reason for not looking:										
School attendance	807	827	530	587	152	151	124	87	--	2
Ill health, disability	409	494	13	7	16	21	303	390	76	77
Think cannot get a job	355	428	23	27	29	46	223	249	79	106
Other reasons ¹	471	410	34	25	53	40	234	193	149	151
Women										
Total not in labor force	42,017	42,610	3,518	3,540	2,731	2,784	16,344	16,599	19,424	19,687
Do not want a job now	38,485	38,957	2,904	2,954	2,226	2,250	14,233	14,463	19,122	19,289
Current activity:										
Going to school	4,071	4,159	2,509	2,573	917	918	622	659	24	9
Ill, disabled	2,141	2,330	4	5	60	48	1,055	1,181	1,023	1,095
Keeping house	23,583	22,875	284	237	1,110	1,095	11,316	11,139	10,874	10,404
Retired	7,136	7,710	--	--	--	--	93	103	7,043	7,606
Other activity	1,554	1,884	108	138	140	190	1,148	1,381	158	175
Want a job now	3,532	3,654	614	586	505	534	2,111	2,136	302	398
Reason for not looking:										
School attendance	777	769	476	447	138	129	160	191	2	3
Ill health, disability	477	491	12	16	35	13	328	342	102	119
Home responsibility	1,146	1,164	49	63	206	235	862	818	29	48
Think cannot get a job	471	611	36	33	67	58	281	403	86	117
Other reasons ¹	662	618	40	27	59	99	479	382	83	110

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			
	1990	1991	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			1990	1991	1990	1991	1990	1991	1990	1991	1990	1991
WHITE												
Total not in labor force	53,903	54,585	8,428	8,445	16,983	17,135	28,493	29,005	18,159	18,647	35,744	35,938
Do not want a job now	49,845	50,335	7,085	7,048	14,774	14,922	27,987	28,366	16,632	17,032	33,213	33,303
Current activity:												
Going to school	6,217	6,288	5,427	5,491	762	783	28	14	3,030	3,083	3,188	3,205
Ill, disabled	3,522	3,698	108	92	1,849	1,971	1,565	1,634	1,874	2,004	1,648	1,694
Keeping house	21,056	20,287	1,131	1,034	9,862	9,699	10,063	9,554	313	238	20,743	20,049
Retired	16,178	16,988	--	--	357	294	15,821	16,694	9,856	10,145	6,322	6,844
Other activity	2,872	3,073	419	431	1,943	2,174	510	468	1,559	1,562	1,313	1,511
Want a job now	4,039	4,247	1,332	1,443	2,209	2,184	498	621	1,487	1,622	2,552	2,625
Reason for not looking:												
School attendance	1,062	1,126	867	945	194	179	--	3	555	588	507	538
Ill health, disability	677	753	61	48	482	550	134	155	319	411	358	342
Home responsibility	821	867	158	211	638	613	26	43	--	--	821	867
Think cannot get a job	593	698	113	107	339	412	141	179	249	288	344	411
Other reasons ¹	886	803	133	132	556	430	197	240	364	335	522	468
BLACK												
Total not in labor force	7,842	8,138	2,157	2,243	2,840	3,051	2,844	2,844	2,957	3,009	4,884	5,129
Do not want a job now	6,513	6,821	1,602	1,752	2,170	2,316	2,742	2,753	2,492	2,581	4,022	4,240
Current activity:												
Going to school	1,294	1,407	1,180	1,267	112	140	1	--	640	703	654	705
Ill, disabled	991	1,025	47	36	525	599	419	390	536	466	455	559
Keeping house	2,160	2,142	227	281	1,106	1,041	826	819	80	84	2,079	2,058
Retired	1,532	1,537	--	--	57	32	1,475	1,505	887	901	645	636
Other activity	537	710	148	167	369	503	20	39	349	427	189	283
Want a job now	1,328	1,317	555	491	671	735	102	90	466	428	863	889
Reason for not looking:												
School attendance	432	385	368	303	62	80	2	3	199	180	233	206
Ill health, disability	192	201	16	8	135	156	42	37	85	68	107	133
Home responsibility	292	276	89	85	200	186	3	4	--	--	292	276
Think cannot get a job	198	270	37	42	141	198	20	29	86	111	112	159
Other reasons ¹	214	185	45	53	133	115	36	16	95	69	119	116
HISPANIC ORIGIN												
Total not in labor force	4,741	5,060	1,294	1,386	2,187	2,387	1,260	1,287	1,386	1,522	3,355	3,537
Do not want a job now	4,112	4,435	1,072	1,147	1,756	2,053	1,284	1,236	1,176	1,325	2,936	3,110
Current activity:												
Going to school	775	836	682	727	89	107	4	2	369	405	405	431
Ill, disabled	341	421	27	20	192	286	122	114	197	255	143	166
Keeping house	2,121	2,130	313	317	1,297	1,376	512	438	36	23	2,085	2,107
Retired	656	677	--	--	29	20	627	657	462	422	194	255
Other activity	221	371	51	83	149	264	20	25	112	220	109	151
Want a job now	670	657	255	247	384	363	31	47	226	238	444	420
Reason for not looking:												
School attendance	181	148	156	132	24	16	--	--	77	63	103	85
Ill health, disability	94	102	12	11	67	84	15	6	64	55	30	46
Home responsibility	142	165	27	60	113	105	3	--	--	--	142	165
Think cannot get a job	121	144	28	16	85	91	9	37	37	75	84	68
Other reasons ¹	132	100	32	29	95	68	5	3	48	45	84	56

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(in thousands)

Reason and sex	1st Quarter 1991							
	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	123	5	--	32	86	98	16	20
Lacks education or training	152	10	32	93	17	90	42	17
Other personal handicap	67	3	10	41	12	43	21	9
Job-market factors:								
Could not find work	406	26	40	292	49	220	166	54
Thinks no job available	291	15	23	194	59	247	24	43
Men								
Personal factors:								
Employers think too young or old	53	--	--	19	34	46	5	16
Lacks education or training	54	5	18	29	2	23	24	--
Other personal handicap	19	--	2	9	7	17	2	6
Job-market factors:								
Could not find work	186	11	14	124	36	113	65	36
Thinks no job available	116	10	12	68	26	90	14	18
Women								
Personal factors:								
Employers think too young or old	70	5	--	14	52	52	11	4
Lacks education or training	98	5	14	65	15	67	18	17
Other personal handicap	48	3	8	32	5	26	19	3
Job-market factors:								
Could not find work	220	15	26	167	12	108	100	18
Thinks no job available	175	5	11	126	33	157	10	26

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			
	| 1990	| 1991	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			| 1990	| 1991	| 1990	| 1991	| 1990	| 1991	| 1990	| 1991	| 1990	| 1991
	TOTAL											
Do not intend to seek work	53,974	55,018	5,832	6,164	16,750	17,014	31,392	31,839	46,129	46,786	6,036	6,297
Intend to seek work in the next 12 months	9,930	10,061	5,330	5,173	4,016	4,182	585	706	7,755	7,796	1,805	1,841
Never worked	1,681	1,596	1,514	1,416	164	175	3	5	1,128	1,057	467	441
Last worked over 5 years ago	1,038	1,049	57	39	783	788	198	222	776	799	230	216
Last worked 1 to 5 years ago	2,071	2,303	603	678	1,314	1,399	154	226	1,593	1,737	421	491
Worked during the previous 12 months	5,140	5,113	3,157	3,040	1,754	1,820	229	254	4,259	4,203	687	692
Men												
Do not intend to seek work	17,815	18,486	2,271	2,503	3,273	3,463	12,271	12,520	14,950	15,561	2,231	2,319
Intend to seek work in the next 12 months	4,072	3,983	2,642	2,510	1,148	1,134	282	339	3,169	3,093	726	690
Never worked	815	733	765	708	50	25	--	--	530	471	232	205
Last worked over 5 years ago	250	255	8	14	169	145	73	96	164	197	77	43
Last worked 1 to 5 years ago	677	657	234	236	355	325	89	95	519	500	142	134
Worked during the previous 12 months	2,330	2,339	1,635	1,551	574	640	120	148	1,957	1,925	274	308
Women												
Do not intend to seek work	36,159	36,533	3,561	3,661	13,477	13,552	19,121	19,320	31,179	31,226	3,805	3,978
Intend to seek work in the next 12 months	5,858	6,078	2,688	2,663	2,867	3,048	303	367	4,586	4,702	1,079	1,151
Never worked	866	863	749	708	114	151	3	5	598	586	235	236
Last worked over 5 years ago	788	794	49	25	614	643	125	126	612	602	152	173
Last worked 1 to 5 years ago	1,394	1,646	369	441	959	1,074	65	131	1,074	1,237	279	357
Worked during the previous 12 months	2,810	2,774	1,521	1,489	1,180	1,180	109	106	2,302	2,277	413	384

**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	
	1990	1991	1990	1991	1990	1991	1990	1991
TOTAL								
Civilian noninstitutional population	187,411	189,112	160,007	161,095	21,187	21,493	14,119	14,593
Civilian labor force	123,508	124,033	106,104	106,510	13,346	13,355	9,378	9,533
Percent of population	65.9	65.6	66.3	66.1	63.0	62.1	66.4	65.3
Employed	116,479	115,260	100,794	99,692	11,858	11,704	8,633	8,580
Agriculture	2,784	2,795	2,605	2,621	116	104	381	359
Nonagricultural industries	113,696	112,465	98,189	97,071	11,742	11,600	8,252	8,221
Unemployed	7,029	8,773	5,310	6,818	1,488	1,651	745	953
Unemployment rate	5.7	7.1	5.0	6.4	11.2	12.4	7.9	10.0
Not in labor force	63,903	65,079	53,903	54,585	7,842	8,138	4,741	5,080
Men, 16 years and over								
Civilian noninstitutional population	89,314	90,207	76,854	77,459	9,515	9,657	6,996	7,238
Civilian labor force	67,428	67,738	58,695	58,812	6,558	6,649	5,611	5,715
Percent of population	75.5	75.1	76.4	75.9	68.9	68.8	80.2	79.0
Employed	63,369	62,442	55,569	54,595	5,762	5,746	5,185	5,101
Agriculture	2,204	2,204	2,048	2,058	108	92	343	318
Nonagricultural industries	61,165	60,238	53,521	52,537	5,654	5,654	4,842	4,783
Unemployed	4,059	5,295	3,126	4,217	796	903	426	614
Unemployment rate	6.0	7.8	5.3	7.2	12.1	13.6	7.6	10.7
Not in labor force	21,886	22,469	18,159	18,647	2,957	3,009	1,386	1,522
Men, 20 years and over								
Civilian noninstitutional population	82,264	83,376	71,168	71,996	8,437	8,612	6,282	6,506
Civilian labor force	63,782	64,374	55,550	55,881	6,159	6,319	5,244	5,373
Percent of population	77.5	77.2	78.1	77.6	73.0	73.4	83.5	82.6
Employed	60,327	59,773	52,888	52,210	5,486	5,545	4,884	4,836
Agriculture	2,060	2,076	1,905	1,936	107	91	324	297
Nonagricultural industries	58,267	57,697	50,983	50,274	5,379	5,454	4,559	4,539
Unemployed	3,455	4,601	2,662	3,672	673	774	361	537
Unemployment rate	5.4	7.1	4.8	6.6	10.9	12.2	6.9	10.0
Not in labor force	18,483	19,003	15,618	16,114	2,278	2,293	1,037	1,133
Women, 16 years and over								
Civilian noninstitutional population	98,097	98,905	83,153	83,636	11,672	11,836	7,123	7,355
Civilian labor force	56,080	56,295	47,409	47,698	6,768	6,706	3,768	3,818
Percent of population	57.2	56.9	57.0	57.0	58.2	56.7	52.9	51.9
Employed	53,110	52,818	45,225	45,097	6,095	5,958	3,448	3,479
Agriculture	579	591	557	563	8	12	38	41
Nonagricultural industries	52,531	52,227	44,668	44,534	6,087	5,946	3,410	3,438
Unemployed	2,970	3,477	2,184	2,602	692	749	320	339
Unemployment rate	5.3	6.2	4.6	5.5	10.2	11.2	8.5	8.9
Not in labor force	42,017	42,610	35,744	35,938	4,884	5,129	3,355	3,537
Women, 20 years and over								
Civilian noninstitutional population	91,162	92,203	77,574	78,278	10,580	10,768	6,424	6,641
Civilian labor force	52,662	53,133	44,468	44,984	6,414	6,350	3,500	3,562
Percent of population	57.8	57.6	57.3	57.5	60.6	59.0	54.5	53.6
Employed	50,166	50,194	42,655	42,774	5,816	5,729	3,232	3,276
Agriculture	545	566	522	539	8	11	35	39
Nonagricultural industries	49,621	49,627	42,133	42,235	5,808	5,718	3,196	3,237
Unemployed	2,497	2,940	1,813	2,209	598	621	269	265
Unemployment rate	4.7	5.5	4.1	4.9	9.3	9.8	7.7	8.0
Not in labor force	38,499	39,070	33,106	33,295	4,166	4,418	2,924	3,080
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,985	13,532	11,265	10,821	2,170	2,113	1,413	1,446
Civilian labor force	7,064	6,526	6,085	5,645	773	687	634	598
Percent of population	50.5	48.2	54.0	52.2	35.6	32.5	44.9	41.4
Employed	5,986	5,294	5,250	4,708	556	430	518	468
Agriculture	179	153	177	146	1	2	21	24
Nonagricultural industries	5,808	5,141	5,073	4,562	555	428	497	444
Unemployed	1,077	1,232	835	937	217	257	116	131
Unemployment rate	15.3	18.9	13.7	16.6	28.0	37.4	18.3	21.8
Not in labor force	6,922	7,006	5,180	5,176	1,397	1,426	779	848

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	
	1990	1991	1990	1991	1990	1991	1990	1991
TOTAL								
Civilian noninstitutional population	14,119	14,593	8,560	8,842	1,531	1,620	879	875
Civilian labor force	9,378	9,533	5,794	5,872	855	907	572	550
Percent of population	66.4	65.3	67.7	66.4	55.9	56.0	65.1	62.9
Employed	8,633	8,580	5,303	5,255	779	793	536	517
Agriculture	381	359	346	324	8	5	6	5
Nonagricultural industries	8,252	8,221	4,957	4,931	771	787	531	511
Unemployed	745	953	491	617	76	114	36	33
Unemployment rate	7.9	10.0	8.5	10.5	8.9	12.6	6.3	6.1
Not in labor force	4,741	5,060	2,766	2,971	676	712	306	325
Men, 16 years and over								
Civilian noninstitutional population	6,996	7,238	4,395	4,584	694	703	422	429
Civilian labor force	5,611	5,715	3,618	3,666	489	503	315	316
Percent of population	80.2	79.0	82.3	80.0	70.6	71.6	74.7	73.6
Employed	5,185	5,101	3,327	3,246	445	430	297	301
Agriculture	343	318	310	286	8	5	5	5
Nonagricultural industries	4,842	4,783	3,017	2,961	437	425	292	296
Unemployed	426	614	292	420	44	73	18	15
Unemployment rate	7.6	10.7	8.1	11.5	9.1	14.5	5.7	4.6
Not in labor force	1,386	1,522	777	917	204	200	107	113
Men, 20 years and over								
Civilian noninstitutional population	6,282	6,506	3,922	4,079	621	632	405	407
Civilian labor force	5,244	5,373	3,352	3,414	464	477	305	306
Percent of population	83.5	82.6	85.5	83.7	74.7	75.5	75.4	75.3
Employed	4,884	4,836	3,108	3,048	426	411	289	294
Agriculture	324	297	292	265	7	5	5	5
Nonagricultural industries	4,559	4,539	2,816	2,783	419	407	285	289
Unemployed	361	537	244	366	38	66	16	12
Unemployment rate	6.9	10.0	7.3	10.7	8.1	13.8	5.3	4.0
Not in labor force	1,037	1,133	570	665	157	155	100	101
Women, 16 years and over								
Civilian noninstitutional population	7,123	7,355	4,164	4,258	837	917	457	446
Civilian labor force	3,768	3,818	2,175	2,205	366	404	257	234
Percent of population	52.9	51.9	52.2	51.8	43.7	44.1	56.3	52.5
Employed	3,448	3,479	1,976	2,009	334	363	239	216
Agriculture	38	41	37	38	—	1	1	—
Nonagricultural industries	3,410	3,438	1,939	1,970	334	362	238	216
Unemployed	320	339	199	196	32	41	18	19
Unemployment rate	8.5	8.9	9.1	8.9	8.6	10.2	7.0	8.0
Not in labor force	3,355	3,537	1,989	2,053	472	513	200	212
Women, 20 years and over								
Civilian noninstitutional population	6,424	6,641	3,692	3,774	770	838	431	424
Civilian labor force	3,500	3,562	1,988	2,010	344	383	243	226
Percent of population	54.5	53.6	53.9	53.2	44.7	45.8	56.4	53.3
Employed	3,232	3,276	1,829	1,853	315	347	227	208
Agriculture	35	39	34	36	—	1	1	—
Nonagricultural industries	3,196	3,237	1,794	1,817	315	346	226	208
Unemployed	269	285	159	157	29	37	16	17
Unemployment rate	7.7	8.0	8.0	7.8	8.5	9.6	6.7	7.7
Not in labor force	2,924	3,080	1,704	1,765	426	454	188	198
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,413	1,446	946	989	140	150	43	44
Civilian labor force	634	598	454	448	47	47	24	18
Percent of population	44.9	41.4	47.9	45.3	33.6	31.1	(²)	(²)
Employed	518	468	367	354	38	35	20	14
Agriculture	21	24	20	23	1	—	—	—
Nonagricultural industries	497	444	346	331	37	35	20	14
Unemployed	116	131	87	94	9	12	4	4
Unemployment rate	18.3	21.8	19.2	21.0	(²)	(²)	(²)	(²)
Not in labor force	779	848	493	541	93	104	19	26

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	
	1990	1991	1990	1991	1990	1991	1990	1991
CHARACTERISTIC								
Total (all civilian workers)	116,479	115,260	100,794	99,692	11,858	11,704	8,633	8,580
Men	63,369	62,442	55,569	54,595	5,762	5,746	5,185	5,101
Women	53,110	52,818	45,225	45,097	6,095	5,958	3,448	3,479
OCCUPATION								
Managerial and professional specialty	30,727	30,952	27,690	27,899	1,910	1,937	1,117	1,172
Executive, administrative, and managerial	14,820	14,868	13,499	13,538	859	865	576	597
Professional specialty	15,908	16,085	14,191	14,361	1,052	1,071	541	575
Technical, sales, and administrative support	36,774	36,037	32,191	31,515	3,389	3,349	2,156	2,177
Technicians and related support	3,819	3,807	3,255	3,286	351	339	159	175
Sales occupations	14,246	13,869	12,929	12,550	890	880	795	723
Administrative support, including clerical	18,709	18,361	16,007	15,679	2,147	2,130	1,202	1,279
Service occupations	15,357	15,680	12,092	12,303	2,661	2,739	1,707	1,761
Private household	769	747	562	558	184	165	143	167
Protective service	1,987	2,000	1,625	1,628	311	326	127	115
Service, except private household and protective	12,602	12,933	9,905	10,117	2,166	2,248	1,437	1,478
Precision production, craft, and repair	13,465	13,044	12,047	11,656	1,094	1,025	1,154	1,066
Mechanics and repairers	4,408	4,412	3,965	3,966	354	350	328	276
Construction trades	4,998	4,705	4,572	4,274	333	321	455	405
Other precision production, craft, and repair	4,059	3,927	3,510	3,417	407	353	370	385
Operators, fabricators, and laborers	17,319	16,657	14,188	13,651	2,616	2,511	2,120	2,000
Machine operators, assemblers, and inspectors	7,854	7,541	6,485	6,165	1,084	1,080	1,107	1,005
Transportation and material moving occupations	4,694	4,778	3,883	3,947	715	730	413	440
Handlers, equipment cleaners, helpers, and laborers	4,771	4,338	3,819	3,540	817	701	600	555
Construction laborers	711	563	601	487	98	67	115	100
Other handlers, equipment cleaners, helpers, and laborers	4,059	3,775	3,218	3,053	719	634	485	455
Farming, forestry, and fishing	2,837	2,891	2,587	2,667	187	144	378	404
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,416	1,381	1,273	1,252	91	82	337	318
Self-employed workers	1,284	1,303	1,249	1,261	24	20	43	39
Unpaid family workers	84	111	83	108	1	2	-	2
Nonagricultural industries:								
Wage and salary workers	104,890	103,576	90,137	88,931	11,326	11,186	7,724	7,771
Government	17,899	17,981	14,665	14,654	2,632	2,737	942	1,055
Private industries	86,991	85,596	75,472	74,277	8,694	8,449	6,782	6,716
Private households	960	907	707	676	225	200	170	183
Other industries	86,031	84,689	74,764	73,601	8,470	8,249	6,612	6,533
Self-employed workers	8,537	8,661	7,810	7,934	408	409	516	438
Unpaid family workers	269	228	242	207	7	4	13	12
FULL- AND PART-TIME STATUS¹								
Full-time schedules	94,230	92,431	81,236	79,607	9,857	9,617	7,240	7,054
Part time for economic reasons	4,918	5,922	4,061	4,917	711	826	557	685
Part time for noneconomic reasons	17,331	16,908	15,497	15,168	1,288	1,261	836	842

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	
	I 1990	I 1991	I 1990	I 1991	I 1990	I 1991	I 1990	I 1991
CHARACTERISTIC								
Total (all civilian workers)	8,633	8,580	5,303	5,255	779	793	536	517
Men	5,185	5,101	3,327	3,246	445	430	297	301
Women	3,448	3,479	1,976	2,009	334	363	239	216
OCCUPATION								
Managerial and professional specialty	1,117	1,172	560	570	123	146	129	123
Executive, administrative, and managerial	576	597	308	293	53	78	63	66
Professional specialty	541	575	251	278	70	68	65	58
Technical, sales, and administrative support	2,156	2,177	1,199	1,247	238	245	175	156
Technicians and related support	159	175	97	96	16	18	8	12
Sales occupations	795	723	437	403	73	71	69	66
Administrative support, including clerical	1,202	1,279	665	748	149	156	98	78
Service occupations	1,707	1,761	994	1,036	159	151	70	70
Private household	143	167	61	85	6	2	2	2
Protective service	127	115	69	59	30	26	11	12
Service, except private household and protective	1,437	1,478	864	892	123	123	56	56
Precision production, craft, and repair	1,154	1,066	765	676	106	94	58	62
Mechanics and repairers	328	276	191	159	47	28	22	16
Construction trades	455	405	332	269	23	28	23	25
Other precision production, craft, and repair	370	385	243	248	36	38	13	21
Operators, fabricators, and laborers	2,120	2,000	1,448	1,361	145	150	98	100
Machine operators, assemblers, and inspectors	1,107	1,005	750	670	80	93	45	45
Transportation and material moving occupations	413	440	264	300	29	29	26	26
Handlers, equipment cleaners, helpers, and laborers	600	555	434	390	36	28	27	29
Construction laborers	115	100	88	74	4	4	4	5
Other handlers, equipment cleaners, helpers, and laborers	485	455	346	316	31	24	22	25
Farming, forestry, and fishing	378	404	337	365	8	7	7	5
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	337	318	308	289	7	5	6	5
Self-employed workers	43	39	39	33	1	1	-	1
Unpaid family workers	-	2	-	2	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	7,724	7,771	4,665	4,693	740	756	479	464
Government	942	1,055	604	649	107	134	59	59
Private industries	6,782	6,716	4,062	4,044	633	622	420	406
Private households	170	183	79	94	7	3	2	3
Other industries	6,612	6,533	3,983	3,950	626	619	418	403
Self-employed workers	516	438	286	231	31	31	48	46
Unpaid family workers	13	12	5	7	1	-	4	1
FULL- AND PART-TIME STATUS²								
Full-time schedules	7,240	7,054	4,410	4,269	685	685	460	445
Part time for economic reasons	557	685	407	466	23	41	21	26
Part time for noneconomic reasons	836	842	486	521	72	67	55	45

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.

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

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	1990	1991	1990	1991	1990	1991	1990	1991
Total, 16 years and over	116,479	115,260	100,794	99,692	11,858	11,704	8,633	8,580
16 to 19 years	5,986	5,294	5,250	4,708	556	430	518	468
16 to 17 years	2,170	1,915	1,930	1,722	177	137	163	138
18 to 19 years	3,816	3,379	3,321	2,985	379	292	355	329
20 to 24 years	12,324	12,024	10,575	10,335	1,367	1,309	1,293	1,289
25 years and over	98,169	97,942	84,969	84,649	9,935	9,966	6,823	6,823
25 to 54 years	83,429	83,381	71,829	71,784	8,692	8,644	6,138	6,106
55 years and over	14,741	14,562	13,140	12,866	1,243	1,322	685	717
Men, 16 years and over	63,369	62,442	55,569	54,595	5,762	5,746	5,185	5,101
16 to 19 years	3,042	2,670	2,680	2,385	277	201	301	265
16 to 17 years	1,095	968	980	884	87	57	100	77
18 to 19 years	1,946	1,701	1,700	1,502	189	144	201	188
20 to 24 years	6,407	6,214	5,543	5,353	659	658	815	802
25 years and over	53,920	53,559	47,345	46,856	4,827	4,888	4,068	4,034
25 to 54 years	45,525	45,309	39,761	39,471	4,204	4,228	3,681	3,629
55 years and over	8,395	8,249	7,584	7,385	622	660	388	405
Women, 16 years and over	53,110	52,818	45,225	45,097	6,095	5,958	3,448	3,479
16 to 19 years	2,945	2,624	2,570	2,322	280	229	217	203
16 to 17 years	1,074	946	949	839	90	80	63	61
18 to 19 years	1,870	1,678	1,620	1,484	189	149	153	141
20 to 24 years	5,917	5,810	5,032	4,981	708	651	477	487
25 years and over	44,249	44,384	37,624	37,793	5,108	5,078	2,754	2,789
25 to 54 years	37,904	38,072	32,068	32,313	4,487	4,416	2,457	2,477
55 years and over	6,345	6,312	5,555	5,480	621	662	297	312

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

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

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin	
	1990	1991	1990	1991	1990	1991	1990	1991
Total, 16 years and over	5.7	7.1	5.0	6.4	11.2	12.4	7.9	10.0
16 to 19 years	15.3	18.9	13.7	16.6	28.0	37.4	18.3	21.8
16 to 17 years	16.8	19.9	15.7	18.1	29.1	38.2	21.5	30.6
18 to 19 years	14.3	18.3	12.5	15.7	27.5	37.0	16.8	17.5
20 to 24 years	9.1	10.9	7.8	9.4	18.6	20.6	9.4	11.8
25 years and over	4.6	5.8	4.0	5.4	8.8	9.6	6.8	8.7
25 to 54 years	4.7	6.1	4.1	5.6	9.3	10.3	6.9	8.9
55 years and over	3.7	4.2	3.6	4.2	4.9	4.1	5.6	6.9
Men, 16 years and over	6.0	7.8	5.3	7.2	12.1	13.6	7.6	10.7
16 to 19 years	16.6	20.7	14.8	18.6	30.7	39.1	17.7	22.5
16 to 17 years	17.1	22.4	15.4	20.7	33.2	41.9	16.6	32.7
18 to 19 years	16.2	19.6	14.4	17.3	29.4	37.8	18.3	17.4
20 to 24 years	10.1	13.0	8.8	11.5	20.2	23.7	8.1	12.4
25 years and over	4.8	6.4	4.3	6.0	9.5	10.4	6.6	9.5
25 to 54 years	5.0	6.7	4.4	6.2	10.1	11.2	6.6	9.5
55 years and over	4.1	4.8	3.9	4.8	5.6	5.0	6.6	9.2
Women, 16 years and over	5.3	6.2	4.6	5.5	10.2	11.2	8.5	8.9
16 to 19 years	13.8	17.0	12.6	14.4	25.2	35.9	19.1	20.9
16 to 17 years	16.5	17.1	16.0	15.1	24.6	35.2	28.0	27.6
18 to 19 years	12.2	17.0	10.5	14.1	25.5	36.2	14.7	17.5
20 to 24 years	8.0	8.6	6.6	7.1	17.0	17.2	11.6	10.8
25 years and over	4.3	5.1	3.7	4.6	8.1	8.7	7.0	7.5
25 to 54 years	4.5	5.4	3.8	4.8	8.7	9.5	7.3	8.0
55 years and over	3.2	3.4	3.1	3.3	4.2	3.3	4.3	3.8

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	1990	1991	1990	1991	1990	1991	1990	1991
DURATION								
Total, 16 years and over	7,029	8,773	5,310	6,818	1,488	1,651	745	953
Less than 5 weeks	3,124	3,427	2,418	2,689	612	627	377	399
5 to 14 weeks	2,379	3,139	1,772	2,486	518	529	232	339
15 weeks and over	1,525	2,207	1,119	1,644	358	496	136	215
15 to 26 weeks	854	1,257	642	973	181	245	74	119
27 weeks and over	671	949	478	671	177	250	62	96
Average (mean) duration, in weeks	12.0	12.9	11.6	12.3	13.6	15.4	10.6	12.0
Median duration, in weeks	5.7	7.0	5.5	6.8	6.4	7.7	4.4	6.3
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	44.5	39.1	45.5	39.4	41.1	38.0	50.6	41.9
5 to 14 weeks	33.9	35.8	33.4	36.5	34.8	32.0	31.2	35.6
15 weeks and over	21.7	25.2	21.1	24.1	24.1	30.0	18.3	22.6
15 to 26 weeks	12.2	14.3	12.1	14.3	12.2	14.8	9.9	12.4
27 weeks and over	9.5	10.8	9.0	9.8	11.9	15.2	8.3	10.1

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	
	1990	1991	1990	1991	1990	1991	1990	1991
NUMBER OF UNEMPLOYED								
Total, 16 years and over	7,029	8,773	5,310	6,818	1,488	1,651	745	953
Job losers	3,614	5,158	2,812	4,130	700	870	389	601
On layoff	1,330	1,828	1,138	1,580	162	203	99	141
Other job losers	2,284	3,330	1,674	2,550	538	667	291	460
Job leavers	1,033	999	792	803	195	157	103	69
Reentrants	1,802	2,026	1,323	1,484	419	464	164	177
New entrants	579	589	383	401	174	160	89	86
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	51.4	58.8	53.0	60.6	47.0	52.7	52.3	63.1
On layoff	18.9	20.8	21.4	23.2	10.9	12.3	13.3	14.8
Other job losers	32.5	38.0	31.5	37.4	36.1	40.4	39.0	48.3
Job leavers	14.7	11.4	14.9	11.8	13.1	9.5	13.8	9.3
Reentrants	25.6	23.1	24.9	21.8	28.1	28.1	22.0	18.6
New entrants	8.2	6.7	7.2	5.9	11.7	9.7	11.9	9.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	2.9	4.2	2.6	3.9	5.2	6.5	4.2	6.3
Job leavers .....	.8	.8	.7	.6	1.5	1.2	1.1	.9
Reentrants	1.5	1.6	1.2	1.4	3.1	3.5	1.7	1.9
New entrants .....	.5	.5	.4	.4	1.3	1.2	.9	.9

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	1990	1991	Total		Employed		Unemployed			
			1990	1991	1990	1991	Number		Percent of labor force	
							1990	1991	1990	1991
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,573	7,728	6,904	7,007	6,606	6,598	298	409	4.3	5.8
35 to 49 years	6,514	6,485	6,176	6,113	5,904	5,742	272	371	4.4	6.1
35 to 39 years	1,528	1,255	1,448	1,185	1,374	1,076	74	109	5.1	9.2
40 to 44 years	3,324	3,176	3,176	2,997	3,044	2,822	133	175	4.2	5.8
45 to 49 years	1,662	2,053	1,551	1,932	1,486	1,844	65	88	4.2	4.6
50 years and over	1,059	1,244	728	894	702	856	26	38	3.6	4.2
NONVETERANS										
Total, 35 to 49 years	16,869	17,909	15,800	16,805	15,135	15,836	665	969	4.2	5.8
35 to 39 years	7,727	8,186	7,335	7,767	7,037	7,304	298	463	4.1	6.0
40 to 44 years	4,959	5,529	4,613	5,175	4,415	4,902	198	273	4.3	5.3
45 to 49 years	4,183	4,193	3,852	3,863	3,683	3,630	168	233	4.4	6.0

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

are limited to those 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	
	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991
Total, 35 to 49 years												
Civilian noninstitutional population	5,867	5,752	547	623	257	252	14,360	15,350	1,740	1,749	1,547	1,606
Civilian labor force	5,589	5,456	492	558	238	234	13,596	14,531	1,510	1,538	1,402	1,463
Employed	5,371	5,151	446	498	229	225	13,086	13,745	1,386	1,397	1,308	1,315
Unemployed	219	304	47	60	9	8	510	786	125	141	93	148
Unemployment rate	3.9	5.6	9.5	10.8	3.7	3.5	3.8	5.4	8.3	9.2	6.7	10.1
35 to 39 years												
Civilian noninstitutional population	1,324	1,072	181	169	59	49	6,673	7,078	734	789	675	736
Civilian labor force	1,268	1,017	160	155	55	48	6,405	6,777	648	704	628	674
Employed	1,216	932	141	134	53	44	6,172	6,388	595	643	585	605
Unemployed	52	85	19	21	2	4	233	389	53	61	43	69
Unemployment rate	4.1	8.4	11.9	13.5	(¹)	8.3	3.6	5.7	8.2	8.6	6.8	10.3
40 to 44 years												
Civilian noninstitutional population	3,037	2,845	237	287	143	124	4,185	4,722	546	542	440	508
Civilian labor force	2,915	2,705	213	253	135	110	3,933	4,458	470	473	392	464
Employed	2,801	2,554	194	231	129	107	3,787	4,246	426	425	370	426
Unemployed	114	151	18	22	6	4	146	212	44	47	22	38
Unemployment rate	3.9	5.6	8.5	8.6	4.3	3.3	3.7	4.7	9.4	10.0	5.7	8.1
45 to 49 years												
Civilian noninstitutional population	1,506	1,836	129	167	55	79	3,502	3,550	460	419	432	362
Civilian labor force	1,407	1,733	120	150	49	75	3,257	3,297	393	362	382	325
Employed	1,354	1,666	110	133	47	75	3,126	3,111	365	329	353	284
Unemployed	53	68	10	17	1	1	131	185	28	33	28	41
Unemployment rate	3.8	3.9	8.0	11.6	(¹)	.8	4.0	5.6	7.0	9.2	7.4	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	1990					1991				
	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	65,279	5,092	28.9	71.1	63.5	65,693	6,177	29.7	70.3	62.1
With children under 18 years of age	31,738	2,822	32.8	67.2	59.8	31,844	3,439	33.2	66.8	59.0
Married-couple families	51,413	3,526	19.2	80.8	72.9	51,331	4,339	20.4	79.6	70.9
With children under 18 years of age	24,012	2,001	19.0	81.0	72.9	23,787	2,469	20.0	80.0	71.2
Families maintained by women	10,984	1,227	53.5	46.5	38.9	11,418	1,436	53.9	46.1	39.0
With children under 18 years of age	6,594	711	67.2	32.8	26.7	6,865	818	67.2	32.8	27.5
Families maintained by men	2,883	338	40.5	59.5	55.6	2,944	402	43.3	56.7	49.5
With children under 18 years of age	1,132	110	62.7	37.3	34.5	1,193	152	63.2	36.8	29.6
White										
Total families	55,889	3,885	25.8	74.2	66.3	56,180	4,849	26.6	73.4	64.8
With children under 18 years of age	26,285	2,098	28.8	71.2	62.6	26,286	2,625	28.9	71.1	62.6
Married-couple families	46,261	2,953	19.1	80.9	72.8	46,304	3,724	20.3	79.7	70.9
With children under 18 years of age	21,177	1,637	19.1	80.9	72.1	21,003	2,084	20.0	80.0	70.9
Families maintained by women	7,361	673	50.9	49.1	40.8	7,572	805	49.9	50.1	42.4
With children under 18 years of age	4,214	376	64.6	35.4	27.4	4,359	417	64.7	35.3	30.0
Families maintained by men	2,267	259	37.8	62.2	59.1	2,304	321	42.2	57.8	50.3
With children under 18 years of age	894	84	59.5	40.5	38.1	923	125	58.9	41.1	32.3
Black										
Total families	7,366	1,038	40.9	59.1	52.4	7,442	1,119	42.6	57.4	50.5
With children under 18 years of age	4,241	624	48.2	51.8	47.8	4,313	686	49.5	50.5	44.8
Married-couple families	3,574	445	20.4	79.6	73.0	3,462	460	21.5	78.5	71.1
With children under 18 years of age	1,847	281	19.9	80.1	75.4	1,800	266	20.6	79.4	73.4
Families maintained by women	3,301	530	56.6	43.4	36.2	3,481	594	58.8	41.2	34.7
With children under 18 years of age	2,193	321	71.0	29.0	25.2	2,295	382	69.4	30.6	24.9
Families maintained by men	491	63	54.7	45.3	40.6	498	65	44.6	55.4	47.7
With children under 18 years of age	201	23	(¹)	(¹)	(¹)	217	18	(¹)	(¹)	(¹)
Hispanic origin										
Total families	4,839	550	31.5	68.5	61.8	4,909	669	31.1	68.9	61.1
With children under 18 years of age	2,986	353	36.0	64.0	56.7	3,120	439	34.5	65.5	58.0
Married-couple families	3,357	370	23.0	77.0	70.0	3,362	464	24.8	75.2	67.4
With children under 18 years of age	2,125	256	24.2	75.8	68.4	2,195	338	27.2	72.8	64.5
Families maintained by women	1,132	126	59.5	40.5	31.7	1,179	131	50.4	49.6	41.2
With children under 18 years of age	745	83	72.0	28.0	20.7	797	76	61.8	38.2	32.9
Families maintained by men	350	54	(¹)	(¹)	(¹)	368	74	36.5	63.5	58.1
With children under 18 years of age	117	14	(¹)	(¹)	(¹)	128	24	(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	1990			1991				
	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	5,650	30.1	69.9	62.3	6,908	31.3	68.7	60.6
Husbands	1,465	33.9	68.1	52.0	1,924	34.4	65.6	52.0
With children under 18 years of age	884	38.8	61.4	46.4	1,157	37.8	62.2	47.3
Wives	1,101	17.0	83.0	79.5	1,315	16.7	81.3	78.4
With children under 18 years of age	681	15.0	85.0	81.8	832	16.6	83.4	79.2
Relatives in married-couple families	1,326	9.9	90.1	86.0	1,564	10.7	69.3	84.2
Women who maintain families	542	85.8	14.4	8.9	641	84.0	16.0	10.2
With children under 18 years of age	451	91.4	8.6	4.0	517	93.0	7.0	3.7
Relatives in families maintained by women	839	31.1	68.9	58.9	998	33.1	68.9	58.5
Men who maintain families	143	67.9	32.1	27.5	210	64.8	35.2	26.8
With children under 18 years of age	72	89.9	10.1	6.1	114	80.8	19.2	10.6
Relatives in families maintained by men	234	27.7	72.3	69.3	257	31.0	69.0	62.4
White								
Total unemployed in families ¹	4,262	27.3	72.7	65.1	5,346	28.6	71.4	63.0
Husbands	1,231	34.2	65.8	50.7	1,672	34.7	65.3	51.3
With children under 18 years of age	718	39.3	60.7	44.0	974	38.1	61.9	48.0
Wives	917	16.6	83.4	79.7	1,141	16.0	82.0	77.2
With children under 18 years of age	553	13.8	86.4	82.9	713	16.2	83.8	79.9
Relatives in married-couple families	1,083	8.6	91.4	88.1	1,268	10.4	89.6	84.7
Women who maintain families	279	81.7	18.3	11.0	344	79.7	20.3	13.1
With children under 18 years of age	227	89.4	10.8	3.6	284	91.4	8.6	4.5
Relatives in families maintained by women	481	33.2	66.8	58.2	531	30.8	69.2	60.0
Men who maintain families	105	64.6	35.4	30.9	170	63.5	36.5	26.2
With children under 18 years of age	53	(²)	(²)	(²)	91	78.0	22.0	11.6
Relatives in families maintained by men	185	25.8	74.2	72.0	200	30.6	69.4	64.2
Black								
Total unemployed in families ¹	1,200	40.6	59.4	52.0	1,319	42.1	57.9	50.8
Husbands	175	33.6	66.4	57.4	186	33.0	67.0	57.4
With children under 18 years of age	133	36.4	63.6	55.7	136	35.5	64.5	57.2
Wives	138	19.5	80.5	77.3	122	20.0	80.0	73.3
With children under 18 years of age	99	23.5	76.5	75.2	85	19.2	80.8	73.6
Relatives in married-couple families	201	16.1	83.9	77.5	214	12.5	87.5	80.8
Women who maintain families	254	69.4	10.6	6.9	283	69.4	10.6	6.3
With children under 18 years of age	217	83.3	6.7	4.6	241	94.5	5.5	2.9
Relatives in families maintained by women	361	26.3	71.7	59.7	437	35.2	64.8	57.0
Men who maintain families	30	(²)	(²)	(²)	27	(²)	(²)	(²)
With children under 18 years of age	17	(²)	(²)	(²)	16	(²)	(²)	(²)
Relatives in families maintained by men	40	(²)	(²)	(²)	49	(²)	(²)	(²)
Hispanic origin								
Total unemployed in families ¹	619	32.6	67.4	60.6	775	33.3	66.7	58.2
Husbands	147	46.0	54.0	41.3	238	38.5	61.5	50.1
With children under 18 years of age	112	51.5	48.5	35.5	186	42.7	57.3	45.0
Wives	125	16.4	83.8	80.3	138	24.6	75.4	69.5
With children under 18 years of age	91	13.4	86.6	83.4	101	27.1	72.9	67.9
Relatives in married-couple families	147	9.8	90.2	84.8	162	11.3	88.7	82.9
Women who maintain families	61	88.3	11.7	6.3	59	(²)	(²)	(²)
With children under 18 years of age	54	(²)	(²)	(²)	48	(²)	(²)	(²)
Relatives in families maintained by women	77	38.4	61.6	51.1	82	37.8	62.2	55.0
Men who maintain families	22	(²)	(²)	(²)	36	(²)	(²)	(²)
With children under 18 years of age	6	(²)	(²)	(²)	16	(²)	(²)	(²)
Relatives in families maintained by men	40	(²)	(²)	(²)	60	35.7	64.3	56.8

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	1990			1991				
	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	93,286	22.6	77.4	66.7	91,875	23.2	76.8	66.3
Husbands	38,596	28.4	71.6	53.8	37,930	28.4	71.6	54.1
With children under 18 years of age	22,052	30.6	69.4	48.3	21,519	31.1	68.9	48.3
Wives	28,822	9.2	90.8	86.6	28,707	10.2	89.8	85.6
With children under 18 years of age	15,420	5.5	94.5	91.7	15,186	6.7	93.3	90.2
Relatives in married-couple families	11,146	7.5	92.5	88.7	10,634	8.0	92.0	88.3
Women who maintain families	6,313	65.0	35.0	23.4	6,415	65.4	34.6	23.3
With children under 18 years of age	4,115	81.8	18.2	8.8	4,106	83.0	17.0	8.3
Relatives in families maintained by women	4,751	23.9	76.1	67.3	4,567	24.2	75.8	66.5
Men who maintain families	2,078	55.5	44.5	35.2	2,061	56.7	43.3	34.1
With children under 18 years of age	954	83.2	16.8	8.6	975	83.9	16.1	9.5
Relatives in families maintained by men	1,580	17.6	82.4	77.8	1,560	19.0	81.0	75.3
White								
Total employed in families ¹	81,071	21.9	78.1	67.0	79,870	22.5	77.5	66.4
Husbands	34,798	28.7	71.3	52.6	34,210	28.8	71.2	52.8
With children under 18 years of age	19,612	31.3	68.7	46.3	19,140	31.9	68.1	46.4
Wives	25,671	8.6	91.2	87.0	25,642	10.0	90.0	85.8
With children under 18 years of age	13,488	5.0	95.0	92.2	13,338	6.4	93.8	90.6
Relatives in married-couple families	9,819	7.5	92.5	68.9	9,341	8.0	92.0	68.3
Women who maintain families	4,396	62.7	37.3	24.4	4,485	63.9	36.1	23.5
With children under 18 years of age	2,826	80.9	19.1	8.6	2,836	82.6	17.4	7.5
Relatives in families maintained by women	3,402	25.0	75.0	65.8	3,274	24.6	75.4	65.4
Men who maintain families	1,693	54.1	45.9	35.9	1,659	55.4	44.6	34.9
With children under 18 years of age	774	82.0	18.0	8.3	776	83.8	16.2	9.2
Relatives in families maintained by men	1,292	16.3	83.7	79.1	1,259	18.7	81.3	75.7
Black								
Total employed in families ¹	9,030	30.5	69.5	62.5	8,826	30.2	69.8	62.6
Husbands	2,553	23.9	76.1	67.1	2,489	21.6	78.4	68.8
With children under 18 years of age	1,574	22.3	77.7	68.7	1,544	21.7	78.3	68.6
Wives	2,164	14.6	85.4	81.1	2,125	13.6	86.4	81.7
With children under 18 years of age	1,302	10.7	89.3	88.1	1,272	9.5	90.5	86.3
Relatives in married-couple families	883	8.6	91.4	86.3	866	9.2	90.8	86.2
Women who maintain families	1,741	71.3	28.7	20.2	1,740	70.4	29.6	22.0
With children under 18 years of age	1,191	83.6	16.4	9.0	1,162	84.4	15.6	9.9
Relatives in families maintained by women	1,201	21.4	78.6	71.0	1,117	23.8	76.2	68.3
Men who maintain families	300	86.6	13.4	27.5	309	70.4	29.6	22.9
With children under 18 years of age	149	89.1	10.9	9.4	163	88.2	11.8	7.1
Relatives in families maintained by men	189	28.7	71.3	67.9	181	29.7	70.3	64.8
Hispanic origin								
Total employed in families ¹	6,931	25.4	74.6	67.3	6,774	26.7	73.3	65.4
Husbands	2,647	35.8	64.2	52.9	2,570	37.0	63.0	51.2
With children under 18 years of age	1,881	38.3	61.7	49.5	1,823	40.7	59.3	46.8
Wives	1,716	10.1	89.9	86.2	1,665	11.8	88.2	84.2
With children under 18 years of age	1,131	7.3	92.7	89.2	1,086	11.5	88.5	84.7
Relatives in married-couple families	1,012	7.5	92.5	86.7	961	8.9	91.1	86.9
Women who maintain families	530	59.0	41.0	32.0	542	59.1	40.9	30.9
With children under 18 years of age	329	75.6	24.4	16.7	344	76.1	23.9	15.5
Relatives in families maintained by women	463	21.2	78.8	69.7	482	22.2	77.8	68.7
Men who maintain families	285	43.3	56.7	53.4	284	46.6	53.4	47.8
With children under 18 years of age	103	77.4	22.6	19.5	103	79.0	21.0	16.9
Relatives in families maintained by men	277	9.3	90.7	88.4	270	6.7	93.3	89.8

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 1990	I 1991	I 1990	I 1991
TOTAL				
Total families with earners ¹	43,657	43,258	\$644	\$664
Married-couple families	34,060	33,771	723	751
One earner	12,264	12,240	453	452
Husband	9,165	8,808	525	541
Wife	2,392	2,728	267	269
Other family member	707	704	269	262
Two or more earners	21,796	21,531	873	909
Husband and wife	19,348	19,191	889	925
Husband and other family member(s)	1,728	1,571	816	830
Wife and other family member(s)	533	576	596	586
Other family members only	187	192	593	657
Families maintained by women	7,512	7,432	358	386
One earner	5,103	5,069	284	308
Householder	4,051	4,066	292	317
Other family member	1,052	1,003	254	270
Two or more earners	2,408	2,363	614	611
Families maintained by men	2,085	2,055	512	531
One earner	1,276	1,309	380	413
Two or more earners	809	747	769	739
White				
Total families with earners ¹	37,060	36,698	672	694
Married-couple families	30,201	29,916	736	766
One earner	10,943	10,929	474	471
Husband	8,326	7,976	547	557
Wife	2,004	2,341	273	270
Two or more earners	19,257	18,987	883	919
Husband and wife	17,092	16,972	898	936
Families maintained by women	5,202	5,167	385	402
Families maintained by men	1,658	1,616	527	559
Black				
Total families with earners ¹	5,161	5,126	439	481
Married-couple families	2,721	2,728	590	626
One earner	938	887	303	316
Husband	552	507	340	382
Wife	311	307	238	263
Two or more earners	1,782	1,842	764	773
Husband and wife	1,600	1,623	784	787
Families maintained by women	2,099	2,029	308	333
Families maintained by men	341	369	419	412
Hispanic origin				
Total families with earners ¹	3,584	3,592	490	496
Married-couple families	2,595	2,657	544	543
One earner	1,117	1,222	321	329
Husband	867	889	353	379
Wife	165	218	247	222
Two or more earners	1,478	1,435	700	738
Husband and wife	1,173	1,120	706	765
Families maintained by women	700	688	321	323
Families maintained by men	289	247	452	521

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	
	1990	1991	1990	1991
Married-couple families ¹	2,491	3,123	\$462	\$451
Husband unemployed	880	1,252	297	300
Wife only earner	656	977	271	278
Wife and other earner(s)	148	163	486	516
Other earner(s) only	76	111	(²)	200
Wife unemployed	686	798	440	423
Husband only earner	666	796	440	423
Husband and other earner(s)	143	119	655	767
Other earner(s) only	20	20	(²)	(²)
Other member(s) unemployed	763	934	739	780
Husband or wife earner	281	340	529	504
Both husband and wife earners	483	563	862	980
Other combinations of earners	18	32	(²)	(²)
Families maintained by women ¹	808	630	293	330
Householder unemployed	74	101	(²)	167
Other member(s) unemployed	533	529	309	367
Families maintained by men ¹	192	212	332	483

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	
	1990	1991	1990	1991
SEX AND AGE				
Total, 16 years and over	83,804	82,512	\$415	\$436
Men, 16 years and over	48,175	47,117	488	503
16 to 24 years	5,808	5,249	284	289
25 years and over	42,368	41,868	516	533
Women, 16 years and over	35,628	35,395	346	367
16 to 24 years	4,775	4,350	257	268
25 years and over	30,853	31,045	366	386
FAMILY RELATIONSHIP				
Husbands	31,509	30,617	532	559
Wives	18,323	18,631	359	379
Women who maintain families	5,142	5,143	337	352
Men who maintain families	1,639	1,804	421	466
Other persons in families:				
Men	5,937	5,590	300	307
Women	4,273	3,889	273	289
All other men ¹	9,090	9,306	451	475
All other women ¹	7,889	7,731	377	395
RACE, HISPANIC ORIGIN, AND SEX				
White	71,508	70,397	429	451
Men	41,891	40,859	501	516
Women	29,617	29,538	354	373
Black	9,544	9,375	331	355
Men	4,805	4,741	364	395
Women	4,740	4,634	309	320
Hispanic origin	6,772	6,708	313	324
Men	4,301	4,213	328	351
Women	2,471	2,494	283	296

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	
	I 1990	I 1991	I 1990	I 1991
SEX AND AGE				
Total, 16 years and over	19,089	19,109	\$115	\$120
Men, 16 years and over	5,939	5,976	106	111
16 to 24 years	3,327	3,329	88	94
25 years and over	2,612	2,648	142	145
Women, 16 years and over	13,151	13,133	119	125
16 to 24 years	3,898	3,923	87	91
25 years and over	9,253	9,209	141	148
FAMILY RELATIONSHIP				
Husbands	1,589	1,671	148	150
Wives	6,886	6,744	145	153
Women who maintain families	1,043	1,056	134	141
Men who maintain families	116	130	137	146
Other persons in families:				
Men	3,218	3,029	87	92
Women	3,450	3,469	86	89
All other men ¹	1,016	1,146	129	124
All other women ¹	1,771	1,863	117	122
RACE, HISPANIC ORIGIN, AND SEX				
White	16,680	16,643	116	121
Men	5,095	5,065	105	111
Women	11,586	11,578	121	126
Black	1,810	1,829	109	114
Men	612	658	112	115
Women	1,198	1,171	107	113
Hispanic origin	1,140	1,241	120	126
Men	391	434	115	121
Women	749	807	123	129

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

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

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	
	1990	1991	1990	1991
TOTAL				
Managerial and professional specialty	23,089	23,317	\$603	\$622
Executive, administrative, and managerial	11,184	11,359	598	619
Professional specialty	11,904	11,958	606	624
Technical, sales, and administrative support	25,711	25,078	373	393
Technicians and related support	3,172	3,195	489	507
Sales occupations	8,261	7,812	400	419
Administrative support, including clerical	14,278	14,071	343	363
Service occupations	8,580	8,636	270	281
Private household	292	293	186	174
Protective service	1,707	1,780	470	501
Service, except private household and protective	6,581	6,563	248	260
Precision production, craft, and repair	11,030	10,556	471	486
Mechanics and repairers	3,842	3,730	479	488
Construction trades	3,580	3,346	466	491
Other precision production, craft, and repair	3,606	3,480	464	473
Operators, fabricators, and laborers	14,251	13,744	341	355
Machine operators, assemblers, and inspectors	7,140	6,838	329	333
Transportation and material moving occupations	3,739	3,866	410	414
Handlers, equipment cleaners, helpers, and laborers	3,372	3,039	302	312
Farming, forestry, and fishing	1,143	1,181	253	262
Men				
Managerial and professional specialty	12,588	12,414	726	756
Executive, administrative, and managerial	6,534	6,379	743	776
Professional specialty	6,054	6,035	712	737
Technical, sales, and administrative support	9,472	9,323	496	512
Technicians and related support	1,729	1,742	563	564
Sales occupations	4,701	4,555	506	522
Administrative support, including clerical	3,041	3,026	432	469
Service occupations	4,229	4,327	323	344
Private household	0	7	(¹)	(¹)
Protective service	1,516	1,589	481	519
Service, except private household and protective	2,712	2,731	270	286
Precision production, craft, and repair	10,109	9,703	486	494
Mechanics and repairers	3,693	3,560	480	489
Construction trades	3,524	3,304	468	492
Other precision production, craft, and repair	2,892	2,838	511	508
Operators, fabricators, and laborers	10,758	10,317	382	391
Machine operators, assemblers, and inspectors	4,449	4,155	396	402
Transportation and material moving occupations	3,502	3,629	416	418
Handlers, equipment cleaners, helpers, and laborers	2,807	2,533	314	325
Farming, forestry, and fishing	1,020	1,033	261	268
Women				
Managerial and professional specialty	10,501	10,903	506	518
Executive, administrative, and managerial	4,651	4,980	467	498
Professional specialty	5,851	5,923	533	542
Technical, sales, and administrative support	16,239	15,755	326	348
Technicians and related support	1,443	1,453	419	448
Sales occupations	3,560	3,258	287	314
Administrative support, including clerical	11,236	11,044	326	344
Service occupations	4,350	4,309	232	243
Private household	292	285	186	172
Protective service	189	191	388	376
Service, except private household and protective	3,870	3,832	233	244
Precision production, craft, and repair	921	853	310	339
Mechanics and repairers	149	170	429	484
Construction trades	56	41	(¹)	(¹)
Other precision production, craft, and repair	716	641	295	316
Operators, fabricators, and laborers	3,493	3,427	261	269
Machine operators, assemblers, and inspectors	2,691	2,683	260	265
Transportation and material moving occupations	238	237	318	339
Handlers, equipment cleaners, helpers, and laborers	565	506	236	257
Farming, forestry, and fishing	124	148	206	242

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Total United States		Metropolitan areas					
	1990	1991	Total		Central cities		Suburbs	
			1990	1991	1990	1991	1990	1991
TOTAL								
Civilian noninstitutional population	187,411	189,112	145,751	147,039	57,349	57,304	88,402	89,734
Civilian labor force	123,508	124,033	97,615	97,984	36,891	36,799	60,724	61,185
Percent of population	65.9	65.6	67.0	66.6	64.3	64.2	68.7	68.2
Employed	118,479	115,260	92,283	91,362	34,401	33,894	57,882	57,468
Unemployed	7,029	8,773	5,332	6,622	2,490	2,905	2,842	3,717
Unemployment rate	5.7	7.1	5.5	6.8	6.8	7.9	4.7	6.1
Not in labor force	63,903	65,079	48,136	49,055	20,458	20,505	27,678	28,550
Men, 20 years and over								
Civilian noninstitutional population	82,264	83,376	64,027	64,833	24,691	24,906	39,338	39,927
Civilian labor force	63,782	64,374	50,372	50,823	18,745	18,990	31,627	31,833
Percent of population	77.5	77.2	78.7	78.4	75.9	76.2	80.4	79.7
Employed	60,327	59,773	47,772	47,345	17,544	17,484	30,228	29,861
Unemployed	3,455	4,601	2,601	3,478	1,201	1,506	1,399	1,972
Unemployment rate	5.4	7.1	5.2	6.8	6.4	7.9	4.4	6.2
Not in labor force	18,483	19,003	13,655	14,010	5,946	5,916	7,708	8,095
Women, 20 years and over								
Civilian noninstitutional population	91,162	92,203	70,977	71,871	28,584	28,388	42,393	43,482
Civilian labor force	52,682	53,133	41,820	42,162	16,284	16,031	25,536	26,131
Percent of population	57.8	57.6	58.9	58.7	57.0	56.5	60.2	60.1
Employed	50,166	50,194	39,902	39,941	15,353	15,051	24,549	24,889
Unemployed	2,497	2,940	1,918	2,221	931	979	987	1,242
Unemployment rate	4.7	5.5	4.6	5.3	5.7	6.1	3.9	4.8
Not in labor force	38,499	39,070	29,157	29,709	12,300	12,358	16,857	17,351
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,985	13,532	10,747	10,335	4,074	4,010	6,673	6,325
Civilian labor force	7,064	6,526	5,422	4,999	1,862	1,778	3,561	3,221
Percent of population	50.5	48.2	50.5	48.4	45.7	44.3	53.4	50.9
Employed	5,986	5,294	4,609	4,076	1,504	1,359	3,105	2,718
Unemployed	1,077	1,232	814	922	358	419	455	503
Unemployment rate	15.3	18.9	15.0	18.4	19.2	23.6	12.8	15.6
Not in labor force	6,922	7,006	5,324	5,336	2,212	2,232	3,112	3,105
White								
Civilian noninstitutional population	160,007	161,095	122,593	123,398	42,559	42,286	80,033	81,111
Civilian labor force	106,104	106,510	82,673	82,921	27,887	27,834	54,785	55,287
Percent of population	66.3	66.1	67.4	67.2	65.5	65.3	68.5	68.2
Employed	100,794	99,892	76,778	77,897	26,414	25,827	52,364	52,070
Unemployed	5,310	6,618	3,895	5,024	1,473	1,807	2,421	3,217
Unemployment rate	5.0	6.4	4.7	6.1	5.3	6.5	4.4	5.8
Not in labor force	53,903	54,585	39,920	40,476	14,672	14,652	25,248	25,824
Black								
Civilian noninstitutional population	21,187	21,493	17,694	17,901	11,994	12,152	5,700	5,750
Civilian labor force	13,346	13,355	11,334	11,353	7,268	7,373	4,066	3,981
Percent of population	63.0	62.1	64.1	63.4	60.6	60.7	71.3	69.2
Employed	11,858	11,704	10,077	9,994	6,360	6,389	3,717	3,605
Unemployed	1,488	1,651	1,257	1,359	908	983	349	376
Unemployment rate	11.2	12.4	11.1	12.0	12.5	13.3	8.6	9.4
Not in labor force	7,842	8,138	6,360	6,548	4,726	4,779	1,633	1,769
Hispanic origin								
Civilian noninstitutional population	14,119	14,593	13,119	13,654	7,292	7,611	5,827	6,043
Civilian labor force	9,378	9,533	8,688	8,938	4,609	4,891	4,079	4,047
Percent of population	66.4	65.3	66.2	65.5	63.2	64.3	70.0	67.0
Employed	8,633	8,580	8,002	8,046	4,197	4,412	3,806	3,834
Unemployed	745	953	686	892	413	479	273	413
Unemployment rate	7.9	10.0	7.9	10.0	9.0	9.8	6.7	10.2
Not in labor force	4,741	5,060	4,431	4,717	2,682	2,720	1,748	1,997

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	
	Total		Farm		Nonfarm		1990	1991	1990	1991
	1990	1991	1990	1991	1990	1991				
TOTAL										
Civilian noninstitutional population	41,660	42,073	2,736	2,642	38,924	39,431	136,949	137,821	50,463	51,291
Civilian labor force	25,893	26,049	1,904	1,795	23,989	24,254	90,691	90,796	32,818	33,237
Percent of population	82.2	61.9	69.6	67.9	61.6	61.5	66.2	65.9	65.0	64.8
Employed	24,196	23,898	1,851	1,758	22,346	22,140	85,511	84,411	30,969	30,849
Unemployed	1,697	2,151	53	37	1,644	2,114	5,180	6,384	1,849	2,388
Unemployment rate	6.6	8.3	2.8	2.1	6.9	8.7	5.7	7.0	5.6	7.2
Not in labor force	15,767	16,024	833	847	14,935	15,177	46,258	47,025	17,845	18,054
Men, 20 years and over										
Civilian noninstitutional population	18,237	18,543	1,310	1,282	16,928	17,261	59,517	59,975	22,747	23,401
Civilian labor force	13,410	13,551	1,094	1,044	12,315	12,506	46,333	46,526	17,449	17,847
Percent of population	73.5	73.1	83.6	81.5	72.8	72.5	77.8	77.6	76.7	76.3
Employed	12,556	12,426	1,075	1,024	11,481	11,405	43,803	43,263	16,525	16,510
Unemployed	854	1,122	20	21	834	1,102	2,530	3,264	925	1,337
Unemployment rate	6.4	8.3	1.8	2.0	6.8	8.8	5.5	7.0	5.3	7.5
Not in labor force	4,028	4,992	215	238	4,613	4,754	13,184	13,449	5,298	5,554
Women, 20 years and over										
Civilian noninstitutional population	20,184	20,333	1,197	1,148	18,988	19,185	67,422	68,097	23,740	24,107
Civilian labor force	10,842	10,971	690	648	10,153	10,323	39,326	39,554	13,336	13,579
Percent of population	53.7	54.0	57.6	56.4	53.5	53.8	58.3	58.1	56.2	56.3
Employed	10,263	10,253	669	638	9,594	9,615	37,455	37,364	12,711	12,830
Unemployed	579	718	20	10	559	709	1,871	2,191	625	749
Unemployment rate	5.3	6.5	3.0	1.5	5.5	6.9	4.8	5.5	4.7	5.5
Not in labor force	9,342	9,362	507	500	8,835	8,862	28,096	28,542	10,404	10,528
Both sexes, 16 to 19 years										
Civilian noninstitutional population	3,239	3,197	230	212	3,008	2,985	10,010	9,749	3,976	3,783
Civilian labor force	1,641	1,527	120	103	1,521	1,424	5,031	4,715	2,032	1,811
Percent of population	50.7	47.8	52.1	48.6	50.6	47.7	50.3	48.4	51.1	47.9
Employed	1,377	1,217	107	97	1,270	1,120	4,253	3,785	1,733	1,509
Unemployed	264	310	13	6	251	304	779	930	299	302
Unemployment rate	16.1	20.3	10.9	6.2	16.5	21.3	15.5	19.7	14.7	16.7
Not in labor force	1,597	1,670	110	109	1,487	1,561	4,978	5,034	1,943	1,972
White										
Civilian noninstitutional population	37,414	37,697	2,680	2,578	34,734	35,120	113,273	113,684	46,734	47,411
Civilian labor force	23,431	23,589	1,873	1,766	21,557	21,822	75,551	75,553	30,553	30,957
Percent of population	62.6	62.6	69.9	68.5	62.1	62.1	66.7	66.5	65.4	65.3
Employed	22,016	21,795	1,823	1,731	20,193	20,064	71,887	70,854	28,906	28,838
Unemployed	1,415	1,794	51	36	1,364	1,759	3,663	4,699	1,647	2,119
Unemployment rate	6.0	7.6	2.7	2.0	6.3	8.1	4.8	6.2	5.4	6.8
Not in labor force	13,984	14,109	806	811	13,177	13,297	37,722	38,131	16,181	16,454
Black										
Civilian noninstitutional population	3,493	3,592	38	41	3,455	3,550	18,218	18,412	2,969	3,061
Civilian labor force	2,011	2,002	19	16	1,992	1,986	11,575	11,563	1,770	1,792
Percent of population	57.6	55.7	(¹)	(¹)	57.7	55.9	63.5	62.8	59.6	58.2
Employed	1,781	1,710	17	14	1,763	1,696	10,242	10,126	1,616	1,578
Unemployed	231	292	2	1	228	291	1,334	1,436	154	215
Unemployment rate	11.5	14.6	(¹)	(¹)	11.5	14.6	11.5	12.4	8.7	12.0
Not in labor force	1,482	1,590	19	26	1,463	1,564	6,643	6,849	1,199	1,289
Hispanic origin										
Civilian noninstitutional population	1,000	938	43	29	958	909	12,882	13,380	1,237	1,213
Civilian labor force	690	595	31	25	659	570	8,539	8,730	839	803
Percent of population	69.0	63.4	(¹)	(¹)	68.8	62.7	66.3	65.2	67.8	66.2
Employed	631	534	31	25	599	509	7,864	7,880	769	701
Unemployed	59	61	-	-	59	61	675	851	70	102
Unemployment rate	8.6	10.2	(¹)	(¹)	9.0	10.7	7.9	9.7	6.3	12.7
Not in labor force	310	343	11	4	299	339	4,343	4,650	398	410

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.

**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	
	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991
TOTAL												
Civilian noninstitutional population	27,075	27,026	160,336	162,085	17,592	17,264	128,159	129,775	9,483	9,763	32,177	32,310
Civilian labor force	15,189	15,124	108,319	108,909	9,751	9,574	87,864	88,410	5,438	5,550	20,455	20,499
Percent of population	56.1	56.0	67.6	67.2	55.4	55.5	68.6	68.1	57.3	56.8	63.6	63.4
Employed	13,681	13,453	102,798	101,807	8,675	8,436	83,608	82,926	5,007	5,017	19,190	18,881
Unemployed	1,507	1,671	5,521	7,102	1,076	1,138	4,256	5,484	431	533	1,266	1,618
Unemployment rate	9.9	11.0	5.1	6.5	11.0	11.9	4.8	6.2	7.9	9.6	6.2	7.9
Men, 20 years and over	9.7	11.3	4.8	6.6	10.7	12.1	4.6	6.3	8.0	9.8	5.9	7.9
Women, 20 years and over	8.3	8.8	4.2	5.1	9.2	9.4	4.1	4.8	6.6	7.8	5.0	6.2
Both sexes, 16 to 19 years	23.6	25.8	14.0	17.8	27.5	28.3	13.5	17.2	16.8	21.4	15.9	20.0
Men	22.6	24.8	15.7	20.0	27.1	25.8	15.3	19.2	15.0	23.3	17.0	23.3
Women	24.7	26.8	12.3	15.5	27.9	30.5	11.7	15.2	18.8	19.0	14.5	16.5
Not in labor force	11,886	11,903	52,017	53,176	7,841	7,690	40,295	41,365	4,045	4,213	11,722	11,811
White												
Civilian noninstitutional population	16,342	16,434	143,665	144,660	9,191	9,067	113,402	114,331	7,151	7,368	30,264	30,329
Civilian labor force	9,496	9,559	96,607	96,951	5,306	5,251	77,367	77,671	4,190	4,309	19,240	19,280
Percent of population	58.1	58.2	67.2	67.0	57.7	57.9	68.2	67.9	58.6	58.5	63.6	63.6
Employed	8,801	8,735	91,993	90,957	4,850	4,760	73,928	73,137	3,950	3,975	18,065	17,820
Unemployed	696	825	4,614	5,993	456	491	3,439	4,533	240	334	1,175	1,460
Unemployment rate	7.3	8.6	4.8	6.2	8.6	9.3	4.4	5.8	5.7	7.8	6.1	7.6
Men, 20 years and over	7.2	9.1	4.6	6.3	8.2	9.7	4.2	6.0	5.8	8.3	5.8	7.5
Women, 20 years and over	6.0	6.6	3.9	4.8	7.1	7.4	3.6	4.5	4.5	5.6	5.0	5.9
Both sexes, 16 to 19 years	17.9	18.3	13.3	16.4	21.6	19.0	12.5	15.4	13.5	17.6	15.9	19.7
Men	16.7	16.6	14.5	18.8	21.2	14.5	13.8	17.7	11.8	18.7	16.8	22.6
Women	19.2	20.2	11.9	13.8	22.1	23.2	11.2	13.0	15.5	16.2	14.9	16.5
Not in labor force	6,845	6,875	47,058	47,710	3,885	3,816	36,035	36,660	2,960	3,059	11,023	11,049
Black												
Civilian noninstitutional population	9,663	9,549	11,524	11,944	7,601	7,428	10,093	10,473	2,062	2,120	1,432	1,471
Civilian labor force	5,136	5,008	8,209	8,347	4,037	3,905	7,297	7,448	1,099	1,103	912	899
Percent of population	53.2	52.5	71.2	69.9	53.1	52.6	72.3	71.1	53.3	52.0	63.7	61.1
Employed	4,378	4,230	7,480	7,474	3,446	3,300	6,631	6,694	932	930	848	780
Unemployed	758	778	730	873	592	606	666	754	167	173	64	119
Unemployment rate	14.8	15.5	8.9	10.5	14.7	15.5	9.1	10.1	15.2	15.6	7.0	13.3
Men, 20 years and over	14.9	16.1	8.4	10.0	14.8	16.5	8.5	9.6	15.2	14.7	7.8	13.2
Women, 20 years and over	12.2	12.1	7.6	8.4	11.8	11.5	7.8	8.0	13.4	14.1	5.6	11.9
Both sexes, 16 to 19 years	34.7	41.9	23.7	34.5	35.9	41.8	25.2	35.4	30.0	(¹)	(¹)	(¹)
Men	34.9	44.1	28.1	36.1	36.7	42.4	30.6	36.1	(¹)	(¹)	(¹)	(¹)
Women	34.6	40.1	18.9	33.0	35.1	41.3	19.5	34.8	(¹)	(¹)	(¹)	(¹)
Not in labor force	4,527	4,540	3,315	3,598	3,564	3,523	2,795	3,025	963	1,018	519	572
Hispanic origin												
Civilian noninstitutional population	4,326	4,337	9,793	10,256	3,959	4,014	9,160	9,640	367	323	634	615
Civilian labor force	2,496	2,431	6,882	7,102	2,257	2,241	6,431	6,696	239	189	451	406
Percent of population	57.7	56.0	70.3	69.2	57.0	55.8	70.2	69.5	65.1	58.7	71.2	66.0
Employed	2,234	2,154	6,399	6,426	2,013	1,975	5,990	6,070	221	178	409	356
Unemployed	262	277	483	676	245	266	441	626	18	11	42	50
Unemployment rate	10.5	11.4	7.0	9.5	10.8	11.9	6.9	9.3	7.3	5.9	9.3	12.3
Men, 20 years and over	9.8	10.8	5.8	9.7	10.0	11.3	5.6	9.5	7.9	5.2	8.8	12.4
Women, 20 years and over	9.5	10.2	7.1	7.3	10.1	10.5	7.0	7.2	4.3	6.7	8.2	10.3
Both sexes, 16 to 19 years	20.7	21.9	17.3	21.8	21.2	23.4	17.3	21.9	(¹)	(¹)	(¹)	(¹)
Men	18.3	19.0	17.5	23.8	17.5	20.3	17.3	23.9	(¹)	(¹)	(¹)	(¹)
Women	23.9	25.1	17.0	18.9	26.2	26.9	17.4	18.8	(¹)	(¹)	(¹)	(¹)
Not in labor force	1,829	1,906	2,911	3,154	1,702	1,773	2,729	2,944	128	134	182	209

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, 1940 to date

(In thousands)

Year and month	Total	Total private	Goods-producing				Service-producing								
			Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government		
													Federal	State	Local
Annual averages															
1940	32,361	28,159	13,221	925	1,311	10,985	19,140	3,038	1,841	4,909	1,485	3,665	996	(¹)	(¹)
1941	36,539	31,877	15,963	957	1,814	13,192	20,574	3,274	1,966	5,244	1,525	3,905	1,340	(¹)	(¹)
1942	40,106	34,624	18,470	992	2,198	15,280	21,636	3,480	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	3,908	1,955	5,359	1,481	4,222	2,808	(¹)	(¹)
1946	41,852	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	28,092	4,189	2,812	6,859	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	18,508	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	18,632	28,595	4,248	2,821	7,184	2,035	5,899	2,420	(¹)	(¹)
1953	50,202	43,556	21,074	866	2,859	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	1,188	3,558
1956	52,389	45,091	21,104	822	3,039	17,243	31,266	4,244	3,027	7,831	2,389	6,497	2,209	1,250	3,819
1957	52,853	45,239	20,964	828	2,962	17,174	31,889	4,241	3,037	7,848	2,438	6,708	2,217	1,328	4,071
1958	51,324	43,483	19,513	751	2,817	15,945	31,811	3,978	2,989	7,761	2,481	6,765	2,191	1,415	4,232
1959 ²	53,268	45,186	20,411	732	3,004	16,675	32,857	4,011	3,092	8,035	2,549	7,087	2,233	1,484	4,366
1960	54,189	45,836	20,434	712	2,926	16,796	33,755	4,004	3,153	8,238	2,628	7,378	2,270	1,536	4,547
1961	53,999	45,404	19,857	672	2,859	16,328	34,142	3,903	3,142	8,195	2,688	7,619	2,279	1,807	4,708
1962	55,549	46,660	20,451	650	2,948	16,853	35,098	3,906	3,207	8,359	2,754	7,992	2,340	1,688	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	1,858	5,392
1965	60,765	50,669	21,926	632	3,232	18,082	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	65,603	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	2,864	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	2,896	2,747	7,437
1972	73,875	60,341	23,668	628	3,889	19,151	50,007	4,541	4,127	11,822	3,908	12,276	2,884	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	2,683	2,923	8,146
1974	78,285	64,095	24,794	697	4,020	20,077	53,471	4,725	4,447	12,539	4,148	13,441	2,724	3,039	8,407
1975	76,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,430	12,630	4,165	13,892	2,748	3,179	8,758
1976	79,382	64,511	23,352	779	3,576	18,997	56,030	4,582	4,562	13,193	4,271	14,551	2,733	3,273	8,885
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,723	13,792	4,467	15,302	2,727	3,377	9,023
1978	86,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,985	14,556	4,724	16,252	2,753	3,474	9,446
1979	89,823	73,876	26,461	958	4,463	21,040	63,363	5,136	5,221	14,972	4,975	17,112	2,773	3,541	9,633
1980	90,406	74,166	25,658	1,027	4,346	20,285	64,748	5,146	5,292	15,018	5,160	17,890	2,866	3,610	9,765
1981	91,156	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	89,586	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	19,280	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	77,482	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	25,869	2,971	4,078	10,339
1989	108,413	90,644	25,326	700	5,200	19,426	83,087	5,648	6,271	19,580	6,724	27,096	2,988	4,175	10,606
1990	110,321	92,031	25,001	735	5,204	19,062	85,320	5,839	6,361	19,788	6,832	28,209	3,085	4,284	10,922
Monthly data, seasonally adjusted															
1990:															
March	110,122	91,963	25,259	729	5,313	19,217	84,863	5,808	6,361	19,764	6,821	27,950	3,089	4,249	10,821
April	110,177	91,922	25,180	734	5,256	19,190	84,997	5,809	6,363	19,778	6,823	27,969	3,151	4,252	10,852
May	110,617	92,120	25,191	738	5,286	19,167	85,426	5,833	6,369	19,795	6,838	28,094	3,346	4,262	10,889
June	110,829	92,282	25,162	744	5,270	19,148	85,667	5,846	6,383	19,822	6,844	28,225	3,338	4,296	10,913
July	110,740	92,300	25,105	745	5,229	19,131	85,635	5,841	6,374	19,851	6,842	28,287	3,164	4,298	10,978
August	110,613	92,320	25,013	735	5,194	19,084	85,600	5,846	6,376	19,846	6,852	28,387	3,045	4,305	10,943
September	110,612	92,306	24,931	736	5,176	19,019	85,681	5,870	6,370	19,844	6,851	28,440	2,999	4,309	10,998
October	110,432	92,112	24,777	733	5,093	18,951	85,655	5,870	6,355	19,792	6,843	28,475	2,983	4,323	11,014
November	110,165	91,840	24,511	738	5,029	18,744	85,654	5,866	6,343	19,739	6,833	28,548	2,961	4,323	11,041
December	110,004	91,701	24,416	740	4,983	18,693	85,588	5,882	6,331	19,670	6,829	28,573	2,943	4,325	11,035
1991:															
January	109,813	91,501	24,193	737	4,841	18,615	85,620	5,883	6,292	19,682	6,829	28,622	2,951	4,333	11,028
February ^p	109,522	91,175	24,063	737	4,860	18,466	85,459	5,849	6,272	19,571	6,819	28,601	2,947	4,325	11,075
March ^p	109,318	90,960	23,897	735	4,788	18,374	85,419	5,844	6,253	19,521	6,821	28,624	2,949	4,326	11,081

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 reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1989) and all seasonally adjusted data (beginning January 1986) 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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Total		108,673	109,343	108,346	108,303	108,610	-	-	-	-	-
Total private		90,335	90,807	90,048	89,655	89,869	73,004	73,432	72,615	72,256	72,455
Mining		712	715	726	722	720	507	510	519	515	513
Metal mining	10	59.3	59.4	61.7	61.1	-	47.0	47.0	48.2	47.7	-
Iron ores	101	8.1	8.2	8.2	8.0	-	6.6	6.7	6.2	6.1	-
Copper ores	102	14.7	14.7	15.5	15.4	-	11.9	11.9	12.7	12.6	-
Coal mining	12	152.0	152.7	151.1	149.8	-	122.7	123.6	122.3	120.8	-
Bituminous coal and lignite mining	122	141.8	142.5	140.7	139.5	-	114.4	115.3	114.0	112.6	-
Oil and gas extraction	13	397.5	395.8	412.8	410.8	407.8	260.4	259.2	275.3	273.2	-
Crude petroleum and natural gas	131	193.3	193.0	190.7	190.5	-	92.7	92.9	94.0	93.7	-
Oil and gas field services	138	200.1	198.8	218.1	216.3	-	164.6	163.2	178.4	176.6	-
Nonmetallic minerals, except fuels	14	103.6	106.8	100.0	100.1	-	77.2	80.1	73.3	73.6	-
Crushed and broken stone	142	37.3	38.4	35.6	36.0	-	28.3	29.4	26.0	26.6	-
Sand and gravel	144	31.3	33.1	30.0	29.7	-	-	-	-	-	-
Chemical and fertilizer minerals	147	16.6	16.5	16.4	16.4	-	-	-	-	-	-
Construction		4,846	4,906	4,468	4,389	4,424	3,704	3,759	3,338	3,271	3,303
General building contractors	15	1,266.9	1,268.0	1,154.5	1,126.3	1,123.5	900.9	901.4	806.3	783.5	-
Residential building construction	152	648.5	649.4	577.1	563.7	-	448.6	447.9	388.7	379.7	-
Operative builders	153	39.1	39.0	32.6	31.9	-	16.7	16.9	12.6	12.3	-
Nonresidential building construction	154	579.3	579.6	544.8	530.7	-	435.6	436.6	405.0	391.5	-
Heavy construction, except building	16	690.6	720.5	622.3	629.5	-	561.8	590.5	495.9	502.1	-
Highway and street construction	161	167.2	185.4	156.2	163.6	-	128.7	145.6	116.7	123.9	-
Heavy construction, except highway	162	523.4	535.1	466.1	465.9	-	433.1	444.9	379.2	378.2	-
Special trade contractors	17	2,888.0	2,917.9	2,691.0	2,633.4	-	2,241.2	2,267.1	2,035.9	1,985.2	-
Plumbing, heating, and air conditioning	171	637.6	636.7	614.5	596.1	-	465.5	465.1	443.1	427.2	-
Painting and paper hanging	172	154.6	156.3	143.1	137.0	-	126.6	127.9	114.0	108.3	-
Electrical work	173	547.4	544.5	542.3	528.8	-	421.8	419.4	411.9	400.1	-
Masonry, stonework, and plastering	174	470.5	473.7	422.2	415.9	-	402.1	404.8	352.1	347.6	-
Carpentry and floor work	175	192.5	191.8	156.2	149.4	-	146.3	145.5	112.0	105.8	-
Roofing, siding, and sheet metal work	176	195.6	197.0	178.3	177.9	-	153.2	154.2	135.4	135.2	-
Manufacturing		19,119	19,109	18,481	18,342	18,274	12,977	12,968	12,446	12,330	12,279
Durable goods		11,224	11,222	10,710	10,592	10,547	7,443	7,449	7,048	6,950	6,918
Lumber and wood products	24	731.3	734.3	688.4	675.9	674.5	601.5	603.6	561.9	550.2	549.4
Logging	241	83.7	82.2	79.4	80.5	-	68.5	67.1	64.7	66.0	-
Sawmills and planing mills	242	198.0	198.5	188.4	185.7	-	172.6	173.0	163.1	160.3	-
Sawmills and planing mills, general	2421	159.9	160.2	151.9	150.1	-	139.4	139.5	131.2	129.5	-
Hardwood dimension and flooring mills	2426	35.0	34.9	33.7	32.5	-	30.7	30.7	29.6	28.2	-
Millwork, plywood, and structural members	243	259.1	261.4	239.6	230.5	-	208.9	210.7	190.7	182.3	-
Millwork	2431	104.1	105.4	97.8	92.1	-	81.6	82.8	75.1	70.0	-
Wood kitchen cabinets	2434	70.8	71.3	67.6	66.3	-	56.1	56.4	53.6	52.2	-
Hardwood veneer and plywood	2435	23.5	23.5	21.6	21.4	-	20.3	20.2	18.5	18.4	-
Softwood veneer and plywood	2436	33.9	34.0	30.5	29.7	-	30.6	30.6	27.3	26.4	-
Wood containers	244	42.6	43.6	42.2	42.7	-	35.8	36.7	35.3	35.7	-
Wood buildings and mobile homes	245	60.7	60.9	57.3	56.1	-	45.2	45.1	42.5	41.1	-
Mobile homes	2451	41.4	41.6	40.7	40.3	-	33.3	33.3	32.5	31.9	-
Miscellaneous wood products	249	87.2	87.7	81.5	80.4	-	70.5	71.0	65.6	64.8	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Durable goods—Continued											
Furniture and fixtures	25	518.6	518.3	491.9	482.0	479.6	411.4	410.8	386.2	377.4	376.1
Household furniture	251	299.1	298.8	281.1	276.2	-	251.0	250.7	233.6	229.1	-
Wood household furniture	2511	131.2	130.5	123.2	121.6	-	113.6	112.8	105.5	104.1	-
Upholstered household furniture	2512	99.7	100.4	96.5	94.6	-	83.0	83.8	79.9	78.0	-
Metal household furniture	2514	25.6	25.5	22.8	22.5	-	20.7	20.7	18.2	18.0	-
Mattresses and bedsprings	2515	28.5	28.8	26.9	26.7	-	21.8	22.0	20.4	20.1	-
Office furniture	252	70.3	69.6	67.4	65.4	-	52.5	51.9	50.0	48.5	-
Public building and related furniture	253	31.7	31.8	29.0	28.1	-	24.6	24.7	22.2	21.4	-
Partitions and fixtures	254	80.8	81.4	79.8	79.0	-	58.0	58.4	57.3	56.5	-
Miscellaneous furniture and fixtures	259	36.7	36.7	34.6	33.3	-	25.3	25.1	23.1	21.9	-
Stone, clay, and glass products	32	546.1	551.7	511.1	505.8	506.1	422.6	428.2	392.8	387.7	388.4
Flat glass	321	16.3	16.3	15.5	15.0	-	12.8	12.9	12.2	11.7	-
Glass and glassware, pressed or blown	322	85.7	85.6	81.6	81.8	-	74.0	73.8	70.4	70.4	-
Glass containers	3221	42.5	42.6	40.6	40.6	-	38.6	38.4	36.7	36.6	-
Pressed and blown glass, nec	3229	43.2	43.0	41.0	41.2	-	35.4	35.4	33.7	33.8	-
Products of purchased glass	323	54.8	55.2	51.5	49.7	-	41.6	42.1	38.9	37.3	-
Cement, hydraulic	324	18.6	18.7	18.7	18.7	-	14.2	14.3	14.2	14.3	-
Structural clay products	325	36.0	36.6	32.1	32.1	-	27.5	28.2	24.3	24.3	-
Pottery and related products	326	40.8	40.4	37.3	36.9	-	32.4	32.0	29.3	29.2	-
Concrete, gypsum, and plaster products	327	198.5	202.8	183.3	181.7	-	149.5	153.6	136.4	134.6	-
Concrete block and brick	3271	18.6	18.5	17.2	16.7	-	11.9	12.0	10.7	10.2	-
Concrete products, nec	3272	69.9	70.8	63.7	62.9	-	52.2	52.9	47.2	46.2	-
Ready-mixed concrete	3273	90.9	94.4	84.4	84.4	-	70.7	74.0	64.6	64.6	-
Misc. nonmetallic mineral products	329	82.0	82.3	78.1	77.0	-	60.4	60.8	57.6	56.6	-
Abrasive products	3291	21.6	21.6	20.9	20.5	-	15.2	15.1	15.1	14.9	-
Asbestos products	3292	7.1	7.1	6.7	6.6	-	5.2	5.3	5.0	4.8	-
Mineral wool	3296	24.3	24.4	22.6	22.0	-	-	-	-	-	-
Primary metal industries	33	755.5	754.6	736.6	721.2	721.6	573.9	573.7	556.3	542.3	543.3
Blast furnaces and basic steel products	331	270.8	269.7	266.8	258.4	256.2	207.9	207.1	203.9	196.5	194.6
Blast furnaces and steel mills	3312	204.4	203.1	201.4	193.4	-	158.4	157.4	155.6	148.4	-
Steel pipe and tubes	3317	24.3	24.4	24.1	24.0	-	18.3	18.4	17.9	17.7	-
Iron and steel foundries	332	134.0	134.5	130.9	125.9	-	107.0	107.4	104.0	99.1	-
Gray and ductile iron foundries	3321	82.3	82.5	79.8	76.1	-	67.2	67.2	64.6	60.9	-
Malleable iron foundries	3322	8.5	8.8	8.6	8.0	-	6.4	6.7	6.4	6.0	-
Steel foundries, nec	3325	28.3	28.2	27.5	26.7	-	22.3	22.2	21.5	20.7	-
Primary nonferrous metals	333	45.6	45.3	45.2	45.1	-	33.7	33.5	33.5	33.6	-
Primary aluminum	3334	25.8	25.5	25.4	25.4	-	19.7	19.5	19.6	19.8	-
Nonferrous rolling and drawing	335	175.1	175.1	170.0	169.6	-	125.3	125.5	121.2	120.7	-
Copper rolling and drawing	3351	23.2	23.2	22.2	22.0	-	17.7	17.7	16.9	16.7	-
Aluminum sheet, plate, and foil	3353	28.2	28.2	28.5	28.4	-	18.9	18.9	19.1	18.9	-
Nonferrous wire drawing and insulating	3357	73.9	73.9	71.4	71.5	-	53.7	53.9	51.8	51.9	-
Nonferrous foundries (castings)	336	85.3	85.5	81.6	80.8	-	67.4	67.7	63.3	62.7	-
Aluminum foundries	3365	23.8	23.6	23.0	22.9	-	18.7	18.6	17.9	17.8	-
Fabricated metal products	34	1,412.8	1,414.7	1,368.5	1,344.1	1,338.4	1,039.4	1,040.9	1,002.6	979.5	975.6
Metal cans and shipping containers	341	52.0	52.3	50.0	50.6	-	44.8	44.8	42.8	43.5	-
Metal cans	3411	41.7	41.9	40.4	41.1	-	36.3	36.3	35.2	35.9	-
Cutlery, handtools, and hardware	342	130.5	130.4	123.9	121.3	-	96.1	95.6	90.7	89.0	-
Hand and edge tools, and blades and handsaws	3423.5	44.9	45.0	43.2	42.4	-	33.2	33.1	31.6	31.0	-
Hardware, nec	3429	73.3	73.2	69.2	67.4	-	54.5	54.2	51.2	50.1	-
Plumbing and heating, except electric	343	62.4	62.3	59.9	58.9	-	44.8	44.2	42.3	41.4	-
Plumbing fixture fittings and trim	3432	27.1	27.1	25.2	25.1	-	20.2	19.9	18.9	18.8	-
Heating equipment, except electric	3433	22.0	21.7	21.4	20.7	-	14.6	14.2	13.7	13.1	-
Fabricated structural metal products	344	420.9	420.6	412.5	403.5	-	297.1	296.7	290.3	282.4	-
Fabricated structural metal	3441	76.6	76.5	75.2	73.7	-	54.8	54.6	53.7	52.2	-
Metal doors, sash, and trim	3442	72.7	72.7	70.7	68.0	-	52.1	51.8	50.1	47.6	-
Fabricated plate work (boiler shops)	3443	107.7	108.1	108.7	108.1	-	72.0	72.6	72.9	72.4	-
Sheet metal work	3444	93.9	94.0	90.5	88.7	-	70.4	70.6	67.8	66.4	-
Architectural metal work	3446	28.9	28.6	27.6	26.5	-	20.6	20.3	19.3	18.4	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Durable goods—Continued											
Fabricated metal products—Continued											
Screw machine products, bolts, etc	345	98.2	98.3	93.3	93.3	-	75.3	75.4	71.3	71.1	-
Screw machine products	3451	47.4	47.5	44.9	44.9	-	38.4	38.6	36.5	36.4	-
Bolts, nuts, rivets, and washers	3452	50.8	50.8	48.4	48.4	-	36.9	36.8	34.8	34.7	-
Metal forgings and stampings	346	220.9	223.2	214.6	206.2	-	173.8	176.5	168.2	160.0	-
Iron and steel forgings	3462	32.1	31.7	32.1	31.3	-	24.6	24.4	24.5	23.7	-
Automotive stampings	3465	97.4	100.4	92.4	86.0	-	80.6	83.5	75.9	69.6	-
Metal stampings, nec	3469	78.7	78.5	78.0	77.0	-	59.3	59.2	58.8	57.8	-
Metal services, nec	347	120.1	120.0	117.2	116.7	-	94.5	94.3	91.0	90.6	-
Plating and polishing	3471	76.8	76.8	74.4	74.3	-	61.0	60.8	58.1	57.8	-
Metal coating and allied services	3479	43.3	43.2	42.8	42.4	-	33.5	33.5	32.9	32.8	-
Ordnance and accessories, nec	348	71.4	71.1	66.6	64.7	-	43.1	43.9	42.0	38.4	-
Ammunition, except for small arms, nec	3483	41.2	40.9	38.5	36.6	-	21.9	22.6	21.8	18.1	-
Miscellaneous fabricated metal products	349	236.4	236.5	230.5	228.9	-	169.9	169.5	164.0	163.1	-
Valves and pipe fittings, nec	3494	29.9	29.8	28.9	28.9	-	19.0	18.8	19.5	19.6	-
Misc. fabricated wire products	3496	54.5	54.5	52.3	51.6	-	41.4	41.2	38.9	38.6	-
Industrial machinery and equipment	35	2,130.1	2,123.6	2,055.1	2,043.6	2,031.0	1,285.1	1,280.8	1,229.9	1,220.8	1,209.6
Engines and turbines	351	92.1	92.1	93.6	93.5	-	60.2	60.3	60.9	60.1	-
Turbines and turbine generator sets	3511	26.5	26.6	29.0	29.4	-	15.3	15.3	17.0	16.9	-
Internal combustion engines, nec	3519	65.6	65.5	64.6	64.1	-	44.9	45.0	43.9	43.2	-
Farm and garden machinery	352	115.9	116.8	111.6	111.9	-	86.4	87.4	81.8	81.9	-
Farm machinery and equipment	3523	82.0	82.5	79.2	79.7	-	58.8	59.4	56.3	57.0	-
Construction and related machinery	353	224.8	225.6	220.6	219.4	-	139.0	139.2	135.0	133.8	-
Construction machinery	3531	84.1	84.7	77.1	76.8	-	53.1	53.4	46.6	46.4	-
Mining machinery	3532	17.0	17.1	16.9	16.7	-	10.5	10.6	10.4	10.1	-
Oil and gas field machinery	3533	39.9	40.3	44.5	45.0	-	23.5	23.8	28.2	28.3	-
Conveyors and conveying equipment	3535	34.5	34.2	34.5	33.7	-	19.0	18.9	19.4	19.0	-
Industrial trucks and tractors	3537	28.9	28.9	27.7	27.4	-	19.8	19.7	18.4	18.2	-
Metaworking machinery	354	334.9	333.1	323.9	321.2	-	239.4	237.8	231.1	228.5	-
Machine tools, metal cutting types	3541	48.6	48.4	45.2	45.2	-	31.4	31.3	28.7	28.6	-
Machine tools, metal forming types	3542	18.8	18.8	17.9	17.7	-	11.9	11.8	11.2	10.9	-
Special dies, tools, jigs, and fixtures	3544	148.6	147.8	145.9	145.0	-	114.9	114.3	112.8	111.9	-
Machine tool accessories	3545	56.9	56.3	53.5	52.8	-	40.1	39.6	37.5	37.0	-
Power driven handtools	3546	21.1	21.0	20.5	20.0	-	14.7	14.6	14.3	13.8	-
Special industry machinery	355	159.8	159.1	153.2	150.9	-	94.7	94.6	89.7	88.1	-
Textile machinery	3552	19.3	19.2	18.2	17.5	-	12.6	12.7	11.9	11.6	-
Printing trades machinery	3555	23.9	23.7	22.6	22.5	-	13.3	13.2	11.9	12.0	-
Food products machinery	3556	24.1	24.1	22.6	22.2	-	14.5	14.6	13.5	13.1	-
General industrial machinery	356	243.5	243.7	241.3	239.9	-	156.5	156.4	153.3	152.0	-
Pumps and pumping equipment	3561	28.8	29.3	28.6	28.7	-	16.3	16.7	16.2	16.3	-
Ball and roller bearings	3562	43.7	43.6	43.5	42.9	-	34.1	33.9	33.6	33.1	-
Air and gas compressors	3563	24.0	24.3	24.6	24.8	-	13.4	13.6	13.4	13.4	-
Blowers and fans	3564	31.5	31.4	31.3	30.9	-	21.4	21.2	21.1	20.7	-
Speed changers, drives, and gears	3566	16.4	16.3	16.2	16.0	-	11.6	11.5	11.4	11.2	-
Power transmission equipment, nec	3568	19.1	19.0	18.4	18.2	-	13.1	13.0	12.2	12.0	-
Computer and office equipment	357	456.8	452.9	434.6	433.3	-	144.7	142.8	137.4	138.1	-
Electronic computers	3571	283.4	280.6	266.8	264.8	-	73.7	72.5	67.2	66.5	-
Computer terminals, calculators, and office machines, nec	3575,8,9	70.2	69.6	67.1	67.6	-	21.9	21.6	23.1	24.3	-
Refrigeration and service machinery	358	185.3	184.1	170.5	171.2	-	131.3	130.0	118.3	118.7	-
Refrigeration and heating equipment	3585	130.4	129.7	118.9	120.2	-	95.4	94.6	85.8	86.9	-
Misc. industrial and commercial machinery	359	317.0	316.2	305.8	302.3	-	232.9	232.3	222.4	219.6	-
Carburetors, pistons, rings, valves	3592	23.9	23.8	22.3	21.7	-	19.3	19.2	18.1	17.7	-
Scales, balances, and industrial machinery, nec	3596,9	243.1	242.6	236.2	234.1	-	184.6	184.1	177.1	175.0	-
Electronic and other electrical equipment	36	1,715.9	1,711.7	1,638.1	1,625.8	1,612.9	1,084.0	1,083.5	1,027.4	1,019.7	1,010.6
Electric distribution equipment	361	97.6	97.2	93.6	92.4	-	68.5	68.0	64.9	64.3	-
Transformers, except electronic	3612	49.3	49.1	47.0	46.7	-	35.0	34.8	33.0	33.1	-
Switchgear and switchboard apparatus	3613	48.3	48.1	46.6	45.7	-	33.5	33.2	31.9	31.2	-
Electrical industrial apparatus	362	173.9	173.3	165.4	164.7	-	122.9	122.1	115.1	114.4	-
Motors and generators	3621	87.3	86.7	81.1	80.9	-	68.6	67.9	62.2	62.0	-
Relays and industrial controls	3625	66.8	66.8	64.7	64.2	-	40.6	40.5	39.5	39.1	-
Household appliances	363	128.6	130.0	119.8	119.2	-	103.1	104.7	94.6	94.3	-
Household refrigerators and freezers	3632	26.5	27.2	25.6	25.6	-	21.5	22.6	20.6	20.6	-
Household laundry equipment	3633	21.2	21.5	18.9	19.5	-	17.4	17.5	14.9	15.6	-
Electric housewares and fans	3634	35.0	35.3	33.8	33.2	-	26.9	27.1	25.6	25.2	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Durable goods—Continued											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment	364	192.2	191.9	181.1	180.4	-	139.0	139.3	129.4	128.8	-
Electric lamps	3641	25.1	25.5	24.1	24.0	-	21.5	21.7	20.3	20.2	-
Current-carrying wiring devices	3643	74.0	74.1	70.8	70.3	-	48.1	48.3	46.5	46.1	-
Noncurrent-carrying wiring devices	3644	16.5	16.3	15.4	15.1	-	12.2	12.1	11.1	10.8	-
Residential lighting fixtures	3645	25.4	25.3	22.8	22.8	-	18.9	18.8	16.6	16.7	-
Household audio and video equipment	365	86.7	86.7	83.0	81.9	-	60.5	60.8	55.8	54.6	-
Household audio and video equipment	3651	65.1	65.0	62.9	61.9	-	43.7	43.9	40.6	39.4	-
Communications equipment	366	264.8	262.2	251.0	248.4	-	134.5	133.7	125.3	125.1	-
Telephone and telegraph apparatus	3661	134.8	133.1	127.6	127.3	-	75.3	74.4	67.4	67.7	-
Electronic components and accessories	367	605.2	604.0	579.7	577.4	-	340.7	340.5	330.3	329.0	-
Electron tubes	3671	34.5	34.6	32.6	32.7	-	22.7	22.6	21.2	21.3	-
Semiconductors and related devices	3674	246.6	245.8	237.5	237.0	-	94.8	94.7	94.6	94.6	-
Electronic components, nec	3679	148.2	148.2	140.3	139.9	-	93.2	93.4	89.6	89.2	-
Misc. electrical equipment and supplies	369	166.9	166.4	164.5	161.4	-	114.8	114.4	112.0	109.2	-
Storage batteries	3691	29.1	28.5	29.3	28.7	-	22.4	21.9	21.9	21.4	-
Engine electrical equipment	3694	68.3	68.4	66.4	64.5	-	51.4	51.4	50.2	48.4	-
Transportation equipment	37	2,021.7	2,020.9	1,873.1	1,847.8	1,840.3	1,244.9	1,247.0	1,143.1	1,125.5	1,120.5
Motor vehicles and equipment	371	824.5	824.1	735.5	727.2	728.1	630.4	631.6	554.0	545.8	545.8
Motor vehicles and car bodies	3711	331.9	330.0	265.7	273.1	-	241.7	241.5	187.4	194.0	-
Truck and bus bodies	3713	42.2	42.0	38.3	37.4	-	33.1	33.0	29.2	28.5	-
Motor vehicle parts and accessories	3714	403.2	405.7	391.2	377.1	-	319.0	321.6	307.2	293.9	-
Truck trailers	3715	27.4	27.6	25.0	24.4	-	21.6	21.6	19.2	18.5	-
Aircraft and parts	372	720.7	718.0	686.2	672.9	-	346.5	345.5	335.1	327.1	-
Aircraft	3721	388.5	386.5	360.9	351.6	-	167.6	166.5	156.1	150.5	-
Aircraft engines and engine parts	3724	156.5	156.3	154.6	152.9	-	78.8	78.9	80.6	79.3	-
Aircraft parts and equipment, nec	3728	175.7	175.2	170.7	168.4	-	100.1	100.1	98.4	97.3	-
Ship and boat building and repairing	373	189.3	191.4	180.6	182.0	-	141.7	144.2	138.2	139.6	-
Ship building and repairing	3731	125.1	126.4	130.1	131.5	-	89.2	90.9	96.6	98.2	-
Boat building and repairing	3732	64.2	65.0	50.5	50.5	-	52.5	53.3	41.6	41.4	-
Railroad equipment	374	34.1	34.0	33.9	32.9	-	25.2	25.1	24.8	24.0	-
Guided missiles, space vehicles, and parts	376	192.4	191.9	182.0	179.8	-	60.2	59.4	55.3	54.9	-
Guided missiles and space vehicles	3761	137.5	137.8	131.9	130.1	-	38.8	38.5	36.7	36.8	-
Miscellaneous transportation equipment	379	46.9	47.7	41.8	41.2	-	30.5	31.0	26.7	26.2	-
Travel trailers and campers	3792	18.0	18.5	16.0	15.1	-	13.8	14.3	12.3	11.4	-
Instruments and related products	38	1,007.2	1,006.0	975.3	973.4	970.8	500.4	499.3	482.1	480.0	478.9
Search and navigation equipment	381	288.0	287.4	269.7	268.6	-	97.4	97.0	87.8	87.3	-
Measuring and controlling devices	382	325.7	325.1	312.9	310.2	-	181.6	181.1	172.9	170.8	-
Environmental controls	3822	48.7	48.8	46.3	45.6	-	32.8	32.9	31.3	31.0	-
Process control instruments	3823	65.4	65.4	64.0	64.0	-	34.4	34.2	33.0	33.2	-
Instruments to measure electricity	3825	98.2	97.6	91.8	91.3	-	49.5	49.3	46.8	46.3	-
Medical instruments and supplies	384	240.8	240.8	244.3	246.1	-	140.6	141.1	142.4	143.2	-
Surgical and medical instruments	3841	99.3	99.3	101.4	102.3	-	56.9	57.0	59.5	59.9	-
Surgical appliances and supplies	3842	91.6	91.4	94.0	94.8	-	57.3	57.4	59.8	60.5	-
Ophthalmic goods	385	39.6	40.1	36.9	37.2	-	27.2	27.6	25.9	25.6	-
Photographic equipment and supplies	386	101.9	101.5	101.1	101.0	-	45.2	44.2	45.0	45.1	-
Watches, clocks, watchcases, and parts	387	11.2	11.1	10.4	10.3	-	8.4	8.3	8.1	8.0	-
Miscellaneous manufacturing industries	39	384.4	386.0	371.9	372.8	371.5	280.1	281.2	266.0	267.3	266.0
Jewelry, silverware, and plated ware	391	52.7	52.9	51.9	51.1	-	36.8	36.9	36.4	36.1	-
Jewelry, precious metal	3911	38.2	38.6	37.9	37.0	-	26.5	26.7	26.5	26.1	-
Musical instruments	393	12.1	12.0	11.8	11.7	-	9.9	9.8	9.5	9.6	-
Toys and sporting goods	394	104.9	105.1	101.7	103.4	-	76.4	76.3	73.7	75.1	-
Dolls, games, toys, and children's vehicles	3942,4	44.4	44.1	42.6	44.5	-	31.2	30.8	29.8	31.3	-
Sporting and athletic goods, nec	3949	60.5	61.0	59.1	58.9	-	45.2	45.5	43.9	43.8	-
Pens, pencils, office, and art supplies	395	35.2	35.0	33.4	33.2	-	24.7	24.7	23.3	23.1	-
Costume jewelry and notions	396	38.1	39.0	35.9	36.4	-	30.1	30.9	25.9	26.3	-
Costume jewelry	3961	24.5	25.5	23.1	23.6	-	19.5	20.4	16.2	16.6	-
Miscellaneous manufactures	399	141.4	142.0	137.2	137.0	-	102.2	102.6	97.2	97.1	-
Signs and advertising specialties	3993	58.9	58.5	54.9	54.2	-	41.4	40.8	37.9	37.3	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Nondurable goods		7,895	7,887	7,771	7,750	7,727	5,534	5,519	5,398	5,380	5,361
Food and kindred products	20	1,595.9	1,589.9	1,610.4	1,606.3	1,599.2	1,133.8	1,128.8	1,152.6	1,150.7	1,142.3
Meat products	201	411.8	410.9	422.5	423.9	-	349.4	348.4	360.6	362.5	-
Meat packing plants	2011	138.8	137.9	141.8	143.5	-	116.5	115.8	120.7	122.5	-
Sausages and other prepared meats	2013	82.9	82.8	83.8	83.4	-	61.0	61.2	63.0	62.6	-
Poultry slaughtering and processing	2015	190.1	190.2	196.9	197.0	-	171.9	171.4	176.9	177.4	-
Dairy products	202	151.4	152.8	150.2	149.7	-	92.0	93.0	91.6	91.4	-
Cheese, natural and processed	2022	40.6	41.0	40.7	39.9	-	31.0	31.3	31.5	30.8	-
Fluid milk	2026	73.7	74.0	72.8	72.7	-	36.6	36.5	35.9	36.1	-
Preserved fruits and vegetables	203	216.6	214.9	210.0	211.6	-	175.4	174.8	171.3	172.3	-
Canned specialties	2032	25.0	23.7	23.1	22.2	-	18.6	17.8	18.8	18.1	-
Canned fruits and vegetables	2033	65.7	65.1	64.0	64.5	-	53.5	53.4	52.5	53.1	-
Frozen fruits and vegetables	2037	47.8	48.7	43.6	46.2	-	41.3	42.2	37.1	39.0	-
Grain mill products	204	127.1	126.6	128.0	127.8	-	87.9	87.4	89.6	89.5	-
Flour and other grain mill products	2041	21.9	21.8	22.8	22.4	-	14.4	14.3	14.9	14.6	-
Prepared feeds, nec	2048	44.2	44.3	44.0	43.9	-	27.7	27.8	28.3	28.0	-
Bakery products	205	208.1	207.4	206.9	205.2	-	129.0	128.6	129.9	128.6	-
Bread, cake, and related products	2051	152.2	152.4	148.5	147.6	-	86.1	86.5	84.9	84.3	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	55.9	55.0	58.4	57.6	-	42.9	42.1	45.0	44.3	-
Sugar and confectionery products	206	104.0	100.7	114.2	113.3	-	80.7	77.7	89.3	88.6	-
Raw cane sugar	2061	7.5	6.0	7.4	7.3	-	5.5	4.2	5.6	5.6	-
Cane sugar refining	2062	5.3	5.3	5.3	5.3	-	4.1	4.0	3.9	3.9	-
Beet sugar	2063	8.1	8.1	11.9	11.4	-	6.6	6.6	10.2	9.7	-
Candy and other confectionery products	2064	52.9	52.0	58.4	59.7	-	43.2	42.3	47.0	48.3	-
Fats and oils	207	30.6	30.2	29.6	30.0	-	22.3	22.0	20.9	21.2	-
Beverages	208	182.8	183.1	180.2	178.6	-	76.1	76.2	74.7	74.1	-
Malt beverages	2082	40.0	40.3	39.1	38.9	-	24.1	24.1	23.1	22.8	-
Bottled and canned soft drinks	2086	102.7	102.7	101.9	100.5	-	32.7	32.9	33.2	32.4	-
Misc. food and kindred products	209	163.5	163.3	168.8	166.2	-	121.0	120.7	124.7	122.5	-
Tobacco products	21	47.9	45.5	48.8	47.3	44.1	36.4	33.7	36.8	35.3	32.0
Cigarettes	211	34.0	33.8	33.9	33.9	-	25.7	25.3	25.2	25.2	-
Textile mill products	22	709.7	707.1	674.0	666.4	666.0	610.2	607.6	577.4	570.3	570.2
Broadwoven fabric mills, cotton	221	94.0	93.1	89.2	88.3	-	84.7	83.8	79.6	78.6	-
Broadwoven fabric mills, synthetics	222	82.4	81.7	79.2	77.7	-	72.5	71.9	69.4	67.8	-
Broadwoven fabric mills, wool	223	17.8	17.7	17.3	17.2	-	14.3	14.1	14.1	13.9	-
Narrow fabric mills	224	24.3	24.2	24.0	24.0	-	20.4	20.3	20.4	20.4	-
Knitting mills	225	210.0	209.5	197.2	196.7	-	183.5	182.8	171.6	171.3	-
Women's hosiery, except socks	2251	32.8	32.9	32.1	32.0	-	29.3	29.3	28.7	28.6	-
Hosiery, nec	2252	39.4	39.2	37.4	37.5	-	35.6	35.3	33.1	33.3	-
Knit outerwear mills	2253	63.3	63.2	57.2	56.5	-	55.5	55.4	49.8	49.3	-
Knit underwear mills	2254	28.2	27.9	26.0	26.1	-	24.0	23.7	22.4	22.5	-
Weft knit fabric mills	2257	27.5	27.5	26.1	26.0	-	23.8	23.8	22.5	22.4	-
Textile finishing, except wool	226	61.5	61.3	59.1	59.2	-	49.6	49.6	48.0	48.1	-
Finishing plants, cotton	2261	26.0	25.8	25.0	25.1	-	20.6	20.6	20.2	20.4	-
Finishing plants, synthetics	2262	23.3	23.2	22.7	22.8	-	18.6	18.5	18.2	18.3	-
Carpets and rugs	227	65.0	65.2	62.8	61.6	-	53.0	53.3	51.6	50.5	-
Yarn and thread mills	228	103.8	103.0	95.8	92.9	-	93.0	92.1	85.3	82.5	-
Yarn spinning mills	2281	82.6	82.0	76.6	73.6	-	74.2	73.5	68.5	65.6	-
Throwing and winding mills	2282	14.7	14.6	13.4	13.5	-	13.0	12.9	11.7	11.8	-
Miscellaneous textile goods	229	50.9	51.4	49.4	48.8	-	39.2	39.7	37.4	37.2	-
Apparel and other textile products	23	1,044.9	1,038.0	988.5	994.7	995.4	879.0	871.6	822.6	829.9	830.7
Men's and boys' suits and coats	231	48.9	49.4	48.8	48.3	-	41.3	41.9	41.1	40.6	-
Men's and boys' furnishings	232	278.3	272.8	260.2	261.7	-	239.2	233.8	222.2	223.2	-
Men's and boys' shirts	2321	66.1	62.9	59.0	58.9	-	56.0	52.6	50.0	50.0	-
Men's and boys' trousers and slacks	2325	83.9	82.8	81.7	83.6	-	73.0	72.2	70.3	71.7	-
Men's and boys' work clothing	2326	46.1	44.9	43.6	43.1	-	39.8	38.7	37.7	37.4	-
Women's and misses' outerwear	233	330.2	329.3	316.0	321.1	-	276.1	274.7	261.7	268.1	-
Women's and misses' blouses and shirts	2331	40.9	40.7	38.5	38.5	-	33.6	33.3	31.3	31.6	-
Women's, juniors', and misses' dresses	2335	73.7	74.6	68.2	69.5	-	60.9	61.9	55.3	56.5	-
Women's and misses' suits and coats	2337	34.2	34.1	34.4	34.2	-	27.9	27.7	27.8	27.9	-
Women's and misses' outerwear, nec	2339	181.4	179.9	174.9	178.9	-	153.7	151.8	147.3	152.1	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	63.2	62.7	60.2	60.3	-	52.3	51.9	48.7	48.7	-
Women's and children's underwear	2341	50.1	49.8	48.2	48.4	-	43.4	43.1	40.9	40.9	-
Brassieres, girdles, and allied garments	2342	13.1	12.9	12.0	11.9	-	8.9	8.8	7.8	7.8	-
Girls' and children's outerwear	236	58.6	57.0	55.4	53.7	-	49.3	47.9	47.3	45.4	-
Girls' and children's dresses and blouses	2361	22.8	21.8	22.1	21.4	-	19.9	18.9	19.8	19.1	-
Misc. apparel and accessories	238	44.2	43.4	40.2	41.2	-	36.9	36.0	32.7	33.9	-
Misc. fabricated textile products	239	203.3	204.9	190.3	191.1	-	168.9	170.2	154.7	155.8	-
Curtains and draperies	2391	25.2	24.8	22.4	21.9	-	21.0	20.5	18.3	17.8	-
House furnishings, nec	2392	54.9	54.9	53.8	52.7	-	46.2	46.0	44.7	43.6	-
Automotive and apparel trimmings	2396	46.5	48.2	41.3	42.6	-	39.0	40.5	32.8	34.3	-
Paper and allied products	26	694.9	694.1	690.6	689.5	687.6	521.4	519.6	518.3	517.3	516.3
Paper mills	262	176.6	176.7	177.0	176.1	-	133.4	132.8	134.1	133.3	-
Paperboard mills	263	51.7	51.1	50.5	50.3	-	39.6	39.0	39.3	39.0	-
Paperboard containers and boxes	265	208.3	208.3	207.5	207.2	-	160.4	160.4	160.2	160.0	-
Corrugated and solid fiber boxes	2653	118.4	118.2	118.2	117.8	-	88.9	88.7	88.6	88.4	-
Sanitary food containers	2656	14.7	14.7	15.2	15.3	-	12.3	12.4	12.7	12.9	-
Folding paperboard boxes	2657	50.4	50.4	49.9	50.4	-	40.3	40.2	40.4	40.6	-
Misc. converted paper products	267	241.6	241.2	238.8	239.1	-	174.8	174.2	171.8	172.1	-
Paper, coated and laminated, nec	2672	44.6	43.7	44.2	44.3	-	21.8	21.0	21.3	21.4	-
Bags: plastics, laminated, and coated	2673	33.7	33.6	34.5	34.5	-	25.5	25.0	25.8	25.7	-
Envelopes	2677	27.4	27.3	26.7	26.7	-	21.2	21.1	20.8	20.8	-
Printing and publishing	27	1,576.6	1,579.7	1,564.8	1,557.5	1,552.7	876.5	878.0	861.8	855.0	852.1
Newspapers	271	476.0	475.8	471.9	468.1	-	165.6	165.5	163.8	161.7	-
Periodicals	272	130.5	131.1	131.0	130.8	-	48.0	48.0	47.9	48.0	-
Books	273	121.8	122.6	120.2	121.4	-	67.8	68.2	64.1	64.4	-
Book publishing	2731	86.3	86.7	85.2	85.7	-	38.5	38.7	35.3	35.9	-
Book printing	2732	35.5	35.9	35.0	35.7	-	29.3	29.5	28.8	28.5	-
Miscellaneous publishing	274	82.3	82.9	83.2	83.0	-	42.3	42.7	41.6	41.2	-
Commercial printing	275	551.2	552.7	546.2	543.4	-	400.0	401.0	395.2	392.3	-
Commercial printing, lithographic	2752	364.5	365.1	362.9	360.2	-	264.6	264.7	262.5	259.9	-
Commercial printing, nec	2759	171.3	172.3	168.3	168.1	-	123.4	124.2	120.6	120.3	-
Manifold business forms	276	49.3	49.0	47.9	47.4	-	34.3	33.9	33.5	33.0	-
Blankbooks and bookbinding	278	75.7	75.7	72.5	71.9	-	58.2	58.3	55.0	54.4	-
Printing trade services	279	64.4	64.3	64.0	63.6	-	47.6	47.6	46.5	46.0	-
Chemicals and allied products	28	1,078.4	1,080.9	1,080.1	1,081.8	1,081.7	601.4	600.1	586.6	588.3	589.4
Industrial inorganic chemicals	281	134.0	134.3	132.3	132.1	-	68.7	68.2	66.3	66.4	-
Industrial inorganic chemicals, nec	2819	90.1	90.2	88.6	88.4	-	47.4	47.3	46.5	46.0	-
Plastics materials and synthetics	282	185.2	184.8	184.1	183.6	-	119.9	119.5	115.9	115.5	-
Plastics materials and resins	2821	89.2	88.6	89.1	88.9	-	52.2	51.8	52.6	52.5	-
Organic fibers, noncellulosic	2824	66.5	66.5	64.8	64.5	-	46.9	46.8	43.2	43.1	-
Drugs	283	236.9	237.7	243.6	244.9	-	106.4	105.7	107.9	108.5	-
Pharmaceutical preparations	2834	197.2	197.9	200.9	201.9	-	89.2	88.9	91.2	91.8	-
Soap, cleaners, and toilet goods	284	156.7	157.1	154.4	155.7	-	97.1	97.3	94.5	95.7	-
Soap and other detergents	2841	43.1	42.7	44.9	44.6	-	27.7	27.2	29.1	28.7	-
Polishing, sanitation, and finishing preparations	2842,3	44.4	44.6	44.6	44.9	-	24.0	24.3	24.0	24.2	-
Toilet preparations	2844	69.2	69.8	64.9	66.2	-	45.4	45.8	41.4	42.8	-
Paints and allied products	285	62.2	62.3	61.0	61.1	-	31.2	31.4	30.5	30.5	-
Industrial organic chemicals	286	151.6	151.7	152.9	152.8	-	85.9	85.6	81.5	81.5	-
Cyclic crudes and intermediates	2865	29.0	29.0	30.3	30.3	-	17.4	17.4	17.4	17.4	-
Industrial organic chemicals, nec	2869	118.2	118.4	118.4	118.3	-	65.4	65.2	61.2	61.2	-
Agricultural chemicals	287	52.9	53.8	52.8	53.4	-	33.1	33.5	32.3	32.7	-
Miscellaneous chemical products	289	98.9	99.2	99.0	98.2	-	59.1	58.9	57.7	57.5	-
Petroleum and coal products	29	154.3	155.8	155.8	155.9	157.3	100.1	101.5	99.3	99.3	100.5
Petroleum refining	291	118.6	118.6	120.5	120.5	-	75.8	76.0	76.2	75.9	-
Asphalt paving and roofing materials	295	23.7	25.2	23.1	23.2	-	17.5	18.8	16.2	16.5	-

See footnotes at end of table.

REFERENCE DEPT.
FEDERAL RESERVE BANK SYSTEM

**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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Nondurable goods—Continued											
Rubber and misc. plastics products	30	862.1	865.7	841.3	834.6	828.2	667.3	670.6	646.6	639.5	634.5
Tires and inner tubes	301	82.4	82.8	85.0	85.8	-	60.6	60.7	62.0	62.4	-
Rubber and plastics footwear	302	11.0	11.1	10.7	11.0	-	9.0	9.0	8.6	8.9	-
Hose, belting, gaskets, and packing	305	57.1	57.3	56.4	55.4	-	41.3	41.6	41.0	40.1	-
Rubber and plastics hose and belting	3052	25.3	25.3	23.9	23.5	-	18.9	19.0	18.0	17.6	-
Fabricated rubber products, nec	306	104.5	104.2	98.3	97.2	-	78.5	78.1	73.5	72.2	-
Miscellaneous plastics products, nec	308	607.1	610.3	590.9	585.2	-	477.9	481.2	461.5	455.9	-
Leather and leather products	31	130.6	130.0	117.1	116.1	114.6	108.3	107.5	95.6	94.4	93.3
Leather tanning and finishing	311	15.0	15.1	13.4	13.5	-	12.6	12.6	11.0	11.0	-
Footwear, except rubber	314	72.7	72.4	65.6	64.9	-	61.9	61.6	55.4	55.0	-
Men's footwear, except athletic	3143	31.9	31.8	28.3	27.9	-	26.0	26.0	22.9	22.7	-
Women's footwear, except athletic	3144	26.3	26.1	24.9	24.1	-	23.3	23.0	21.5	20.8	-
Luggage	316	11.2	11.1	9.9	9.7	-	8.2	8.1	6.7	6.4	-
Handbags and personal leather goods	317	14.2	13.9	11.9	12.0	-	11.2	10.9	9.1	8.9	-
Transportation and public utilities		5,730	5,750	5,815	5,778	5,787	4,754	4,777	4,824	4,789	4,794
Transportation		3,523	3,544	3,608	3,573	3,583	-	-	-	-	-
Railroad transportation	40	281.0	283.5	275.1	273.0	-	-	-	-	-	-
Class I railroads ²	4011	238.0	240.0	232.6	230.9	-	-	-	-	-	-
Local and interurban passenger transit	41	350.9	346.5	363.8	363.9	-	320.9	316.6	335.0	334.7	-
Local and suburban transportation	411	133.1	133.4	138.0	139.1	-	119.5	119.7	125.3	126.3	-
Taxicabs	412	33.4	33.7	33.6	33.0	-	-	-	-	-	-
Intercity and rural bus transportation	413	27.7	19.4	17.8	17.8	-	24.3	16.1	15.8	15.8	-
School buses	415	129.5	131.3	145.4	144.7	-	-	-	-	-	-
Trucking and warehousing	42	1,596.6	1,609.0	1,620.1	1,609.2	-	1,387.4	1,399.9	1,403.7	1,392.5	-
Trucking and courier services, except air	421	1,477.7	1,489.6	1,498.7	1,489.2	-	1,288.4	1,300.7	1,303.5	1,293.6	-
Public warehousing and storage	422	115.1	115.7	117.5	116.3	-	95.8	96.0	96.7	95.6	-
Water transportation	44	165.5	168.5	161.8	164.8	-	-	-	-	-	-
Water transportation of freight, nec	444	14.1	13.6	13.4	13.4	-	-	-	-	-	-
Water transportation services	449	107.8	109.9	102.9	105.6	-	95.6	97.9	90.6	93.1	-
Transportation by air	45	758.8	764.0	805.5	782.9	-	-	-	-	-	-
Air transportation, scheduled	451	628.4	632.2	672.9	649.8	-	-	-	-	-	-
Airports, flying fields, and services	458	102.6	103.5	103.4	103.5	-	-	-	-	-	-
Pipelines, except natural gas	46	19.2	19.2	19.4	19.4	-	13.9	13.9	14.2	14.2	-
Transportation services	47	350.6	353.0	362.5	359.8	-	-	-	-	-	-
Freight transportation arrangement	473	132.5	132.2	135.0	135.8	-	106.9	106.4	105.9	106.1	-
Communications and public utilities		2,207	2,206	2,207	2,205	2,204	-	-	-	-	-
Communications	48	1,278.7	1,273.9	1,264.1	1,264.2	-	953.9	952.5	947.1	949.3	-
Telephone communications	481	884.4	878.5	868.4	868.5	-	634.9	632.9	625.5	627.9	-
Radio and television broadcasting	483	234.1	233.9	233.2	232.4	-	193.2	193.5	193.1	192.3	-
Radio broadcasting stations	4832	121.3	121.0	120.1	119.6	-	-	-	-	-	-
Television broadcasting stations	4833	112.8	112.9	113.1	112.8	-	-	-	-	-	-
Cable and other pay television services	484	124.6	125.8	129.3	129.8	-	104.1	104.2	108.7	109.1	-
Electric, gas, and sanitary services	49	928.1	932.5	943.0	940.9	-	733.4	736.9	744.0	741.7	-
Electric services	491	440.0	441.9	440.1	439.0	-	339.0	340.6	339.9	339.3	-
Gas production and distribution	492	164.3	165.2	167.6	166.9	-	128.0	128.9	130.4	129.8	-
Combination utility services	493	191.0	190.9	191.5	191.2	-	153.9	154.1	152.9	152.0	-
Sanitary services	495	103.9	105.3	114.3	114.3	-	90.2	90.7	97.7	97.7	-
Wholesale trade		6,304	6,326	6,245	6,220	6,220	5,059	5,072	4,995	4,971	4,974
Durable goods	50	3,756	3,765	3,691	3,674	3,668	2,995	2,998	2,921	2,905	-
Motor vehicles, parts, and supplies	501	449.9	449.9	441.7	441.7	-	363.2	362.9	355.9	355.2	-
Automobiles and other motor vehicles	5012	121.9	121.9	120.0	120.6	-	-	-	-	-	-
Motor vehicle supplies and new parts	5013	259.6	259.5	255.3	255.1	-	-	-	-	-	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Wholesale trade—Continued											
Durable goods—Continued											
Furniture and home furnishings	502	154.9	153.9	146.5	145.0	-	125.1	124.1	117.1	115.6	-
Furniture	5021	70.6	70.2	66.9	65.6	-	-	-	-	-	-
Home furnishings	5023	84.3	83.7	79.6	79.4	-	-	-	-	-	-
Lumber and other construction materials	503	234.4	236.4	231.7	227.8	-	191.0	192.9	187.2	183.5	-
Lumber, plywood, and millwork	5031	123.2	124.0	121.1	118.3	-	-	-	-	-	-
Construction materials, nec	5039	48.3	48.1	47.8	48.0	-	-	-	-	-	-
Professional and commercial equipment	504	796.0	796.6	781.1	780.2	-	642.5	642.2	630.2	629.4	-
Computers, peripherals and software	5045	313.2	313.8	296.9	295.2	-	-	-	-	-	-
Metals and minerals, except petroleum	505	143.8	143.5	138.4	137.3	-	113.9	113.9	109.3	108.2	-
Electrical goods	506	538.3	541.1	540.8	538.5	-	408.9	410.2	401.9	400.9	-
Electrical apparatus and equipment	5063	208.3	208.5	209.9	208.4	-	-	-	-	-	-
Electrical appliances, television and radio sets	5064	70.1	70.4	68.0	68.3	-	-	-	-	-	-
Electronic parts and equipment	5065	259.9	262.2	262.9	261.8	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	284.3	284.4	277.0	273.3	-	229.6	229.3	221.9	218.8	-
Hardware	5072	96.5	96.3	93.5	92.0	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	119.3	119.6	115.7	114.3	-	-	-	-	-	-
Machinery, equipment, and supplies	508	850.2	854.8	840.4	836.9	-	676.4	680.9	665.0	661.8	-
Construction and mining machinery	5082	86.4	87.0	84.1	83.0	-	-	-	-	-	-
Farm and garden machinery	5083	117.4	119.0	116.1	116.0	-	-	-	-	-	-
Industrial machinery and equipment	5084	363.8	364.5	357.7	356.1	-	-	-	-	-	-
Industrial supplies	5085	150.8	152.2	151.5	151.5	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	303.7	304.0	293.5	292.8	-	243.9	242.0	232.7	231.5	-
Scrap and waste materials	5093	111.6	111.9	110.3	110.8	-	-	-	-	-	-
Nondurable goods	51	2,548	2,561	2,554	2,546	2,552	2,064	2,074	2,074	2,066	-
Paper and paper products	511	231.2	232.3	230.1	229.8	-	185.4	185.8	185.5	185.5	-
Drugs, proprietaries, and sundries	512	187.3	187.9	188.1	188.3	-	156.5	156.8	157.5	157.6	-
Apparel, piece goods, and notions	513	210.3	212.1	207.1	207.8	-	164.1	165.8	163.3	163.5	-
Groceries and related products	514	834.1	836.0	832.4	829.1	-	698.4	699.0	694.5	691.4	-
Groceries, general line	5141	272.2	271.8	277.4	276.0	-	-	-	-	-	-
Meats and meat products	5147	63.1	62.8	62.6	62.3	-	-	-	-	-	-
Fresh fruits and vegetables	5148	95.3	96.4	92.6	92.2	-	-	-	-	-	-
Chemicals and allied products	516	128.7	129.0	129.1	128.9	-	92.1	92.1	92.8	92.9	-
Petroleum and petroleum products	517	210.8	210.3	212.6	211.1	-	166.3	166.4	168.4	167.0	-
Petroleum bulk stations and terminals	5171	92.2	92.4	94.9	94.4	-	-	-	-	-	-
Petroleum products, nec	5172	118.6	117.9	117.7	116.7	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	149.1	150.1	153.3	153.0	-	121.8	122.4	125.9	125.1	-
Beer and ale	5181	94.5	95.3	97.0	96.7	-	-	-	-	-	-
Wine and distilled beverages	5182	54.6	54.8	56.3	56.3	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	476.8	484.3	481.1	480.7	-	381.4	389.2	387.8	386.9	-
Farm supplies	5191	157.0	161.4	160.1	161.1	-	-	-	-	-	-
Retail trade	52	19,276	19,361	19,406	19,101	19,131	17,034	17,112	17,132	16,835	16,849
Building materials and garden supplies	52	759.4	778.9	740.9	729.0	-	626.5	644.0	608.1	596.2	-
Lumber and other building materials	521	427.5	433.7	410.6	401.1	-	358.6	363.6	342.7	333.7	-
Hardware stores	525	162.8	165.7	166.3	163.8	-	133.8	136.6	136.5	133.8	-
General merchandise stores	53	2,429.9	2,404.3	2,463.2	2,311.0	2,283.2	2,271.5	2,247.7	2,312.5	2,165.4	-
Department stores	531	2,012.5	1,990.3	2,041.6	1,911.9	-	1,895.3	1,875.5	1,933.5	1,807.4	-
Variety stores	533	211.2	210.4	209.1	200.5	-	194.2	193.0	190.6	182.6	-
Miscellaneous general merchandise stores	539	206.2	203.6	212.5	198.6	-	182.0	179.2	188.4	175.4	-
Food stores	54	3,238.5	3,234.2	3,302.0	3,274.2	3,271.3	2,975.5	2,970.3	3,033.1	3,007.6	-
Grocery stores	541	2,878.8	2,872.1	2,933.4	2,905.9	-	2,658.6	2,651.8	2,711.8	2,685.7	-
Meat and fish markets	542	55.2	55.9	56.0	55.1	-	-	-	-	-	-
Dairy products stores	545	22.1	22.6	24.9	23.5	-	-	-	-	-	-
Retail bakeries	546	174.4	176.1	176.6	176.6	-	155.7	156.9	156.9	157.0	-
Automotive dealers and service stations	55	2,088.5	2,097.9	2,080.8	2,064.6	2,063.0	1,736.5	1,744.7	1,724.7	1,711.1	-
New and used car dealers	551	939.3	940.0	933.5	923.1	-	779.1	779.5	773.0	764.1	-
Auto and home supply stores	553	347.8	350.2	353.1	349.2	-	277.1	280.0	280.3	276.9	-
Gasoline service stations	554	634.6	635.8	627.5	624.3	-	548.5	548.6	540.1	537.7	-
Automotive dealers, nec	559	12.9	13.2	14.7	14.6	-	10.7	10.8	11.9	11.8	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Retail trade—Continued											
Apparel and accessory stores	56	1,140.6	1,135.7	1,123.5	1,070.2	-	953.0	949.3	932.0	882.3	-
Men's and boys' clothing stores	561	105.0	102.8	98.8	92.4	-	83.5	82.1	79.6	73.5	-
Women's clothing stores	562	398.3	396.2	385.6	367.3	-	329.4	328.8	317.7	300.9	-
Family clothing stores	565	265.2	264.5	273.2	256.4	-	228.2	226.8	235.8	220.1	-
Shoe stores	566	221.9	223.9	218.2	211.4	-	185.0	186.2	174.5	168.4	-
Furniture and home furnishings stores	57	831.2	830.8	822.9	807.7	-	681.5	681.2	670.4	656.9	-
Furniture and home furnishings stores	571	471.0	472.1	465.8	458.5	-	384.0	384.8	376.2	369.0	-
Furniture stores	5712	287.9	288.7	284.4	281.4	-	-	-	-	-	-
Household appliance stores	572	82.0	80.7	73.7	72.0	-	67.9	66.8	60.5	59.0	-
Radio, television, and computer stores	573	278.2	278.0	283.4	277.2	-	229.6	229.6	233.7	228.9	-
Radio, television, and electronic stores	5731	122.2	122.0	127.2	125.0	-	102.6	102.4	107.5	105.6	-
Record and prerecorded tape stores	5735	59.5	59.2	60.3	57.4	-	50.2	50.3	50.1	47.5	-
Eating and drinking places	58	6,304.9	6,414.5	6,337.0	6,362.0	6,456.1	5,707.3	5,812.3	5,727.1	5,747.7	-
Miscellaneous retail establishments	59	2,482.8	2,464.4	2,535.8	2,481.9	-	2,082.5	2,062.6	2,123.7	2,068.2	-
Drug stores and proprietary stores	591	616.9	616.8	627.5	623.6	-	519.1	518.9	528.3	522.7	-
Liquor stores	592	121.1	121.3	122.5	122.0	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	864.4	862.9	915.7	863.4	-	719.3	715.8	765.3	713.3	-
Sporting goods and bicycle shops	5941	160.8	162.7	171.7	162.1	-	-	-	-	-	-
Book stores	5942	93.3	93.5	100.9	95.0	-	-	-	-	-	-
Stationery stores	5943	84.8	83.9	82.9	82.4	-	-	-	-	-	-
Jewelry stores	5944	154.7	153.9	159.8	153.0	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	174.1	171.9	178.3	171.2	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	61.6	63.6	66.8	65.8	-	-	-	-	-	-
Nonstore retailers	596	272.7	269.5	259.3	247.0	-	241.2	237.6	229.5	217.2	-
Catalog and mail-order houses	5961	139.4	136.0	134.6	121.9	-	-	-	-	-	-
Merchandising machine operators	5962	84.5	84.2	80.7	80.1	-	-	-	-	-	-
Fuel dealers	598	117.3	116.0	117.8	116.3	-	98.5	96.9	98.6	97.1	-
Retail stores, nec	599	423.5	410.4	422.8	439.2	-	350.4	338.4	343.3	359.2	-
Finance, insurance, and real estate³		6,755	6,774	6,772	6,759	6,775	4,896	4,914	4,884	4,872	4,897
Finance		3,328	3,326	3,325	3,319	3,322	-	-	-	-	-
Depository institutions	60	2,295.0	2,293.0	2,289.0	2,283.1	-	1,662.2	1,663.8	1,656.0	1,651.6	-
Commercial banks	602	1,555.0	1,553.8	1,554.1	1,550.0	-	1,103.3	1,105.0	1,103.8	1,100.3	-
State commercial banks	6022	667.2	667.3	666.9	665.3	-	-	-	-	-	-
Savings institutions	603	478.2	475.2	457.3	455.7	-	-	-	-	-	-
Federal savings institutions	6035	238.5	236.8	228.6	227.8	-	-	-	-	-	-
Savings institutions, except federal	6036	239.7	238.4	228.7	227.9	-	-	-	-	-	-
Credit unions	606	133.4	133.9	137.8	137.2	-	106.8	107.3	110.3	109.7	-
Nondepository institutions	61	373.3	373.2	370.8	369.7	-	270.0	270.6	269.1	268.8	-
Personal credit institutions	614	131.6	131.2	132.1	131.4	-	98.6	97.8	99.7	99.5	-
Business credit institutions	615	81.7	81.4	83.9	83.4	-	-	-	-	-	-
Mortgage bankers and brokers	616	150.5	151.1	145.7	145.9	-	-	-	-	-	-
Security and commodity brokers	62	427.8	425.0	419.7	418.0	-	-	-	-	-	-
Security brokers and dealers	821	326.8	323.4	316.9	315.6	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges	622,3	26.0	26.2	24.7	24.1	-	-	-	-	-	-
Security and commodity services	628	75.0	75.4	78.1	78.3	-	47.7	47.7	48.2	48.2	-
Holding and other investment offices	67	231.8	234.4	245.3	247.7	-	-	-	-	-	-
Insurance	63,64	2,127	2,133	2,158	2,158	2,161	-	-	-	-	-
Insurance carriers	63	1,469.1	1,475.3	1,497.2	1,497.3	-	986.5	989.8	1,006.1	1,004.5	-
Life insurance	631	560.0	561.2	565.7	564.9	-	345.2	344.6	342.7	342.0	-
Medical service and health insurance	632	238.5	240.8	254.6	255.9	-	192.7	195.2	207.8	208.7	-
Fire, marine, and casualty insurance	633	552.3	554.0	562.4	563.3	-	357.5	358.3	367.3	366.7	-
Title insurance	636	65.8	66.5	59.9	58.5	-	-	-	-	-	-
Insurance agents, brokers, and service	64	657.6	658.1	661.1	661.1	-	-	-	-	-	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Finance, insurance, and real estate—Continued											
Real estate	65	1,300	1,315	1,289	1,282	1,292	-	-	-	-	-
Real estate operators and lessors	651	545.4	556.1	563.6	556.7	-	-	-	-	-	
Real estate agents and managers	653	570.1	572.9	548.1	551.0	-	-	-	-	-	
Subdividers and developers	655	152.1	153.6	146.6	143.7	-	-	-	-	-	
Services		27,593	27,866	28,135	28,344	28,538	24,073	24,320	24,477	24,673	24,846
Hotels and other lodging places	70	1,539.8	1,566.1	1,516.4	1,511.0	-	-	-	-	-	
Hotels and motels	701	1,496.6	1,520.3	1,473.7	1,467.6	-	1,323.8	1,346.8	1,295.2	1,290.4	
Personal services	72	1,118.1	1,120.9	1,115.2	1,130.4	-	-	-	-	-	
Laundry, cleaning, and garment services	721	419.1	419.8	427.9	422.4	-	373.1	373.6	378.7	373.2	
Photographic studios, portrait	722	67.0	66.6	68.0	68.4	-	-	-	-	-	
Beauty shops	723	369.9	371.5	377.9	378.3	-	329.8	331.4	338.6	338.9	
Funeral service and crematories	726	83.5	83.9	85.7	85.6	-	-	-	-	-	
Miscellaneous personal services	729	154.5	155.0	131.9	151.7	-	137.5	138.3	116.8	135.8	
Business services	73	4,922.0	4,959.9	4,927.8	4,897.4	4,909.6	4,312.0	4,345.9	4,292.0	4,256.1	
Advertising	731	238.2	239.0	235.6	235.7	-	173.1	173.1	167.3	167.3	
Advertising agencies	7311	172.2	172.4	168.5	168.5	-	-	-	-	-	
Credit reporting and collection	732	103.6	104.6	105.6	105.9	-	-	-	-	-	
Mailing, reproduction, and stenographic services	733	243.2	244.7	262.7	256.2	-	-	-	-	-	
Services to buildings	734	791.6	794.0	776.2	775.3	-	719.0	720.4	701.5	700.2	
Personnel supply services	736	1,352.1	1,381.9	1,274.4	1,242.7	-	-	-	-	-	
Employment agencies	7361	231.0	233.0	210.3	211.2	-	-	-	-	-	
Help supply services	7363	1,121.1	1,148.9	1,064.1	1,031.5	-	1,082.8	1,109.9	1,022.4	989.8	
Computer and data processing services	737	785.0	789.6	829.1	834.2	-	610.0	614.8	647.0	649.6	
Prepackaged software	7372	109.5	110.4	120.2	120.9	-	-	-	-	-	
Data processing and preparation	7374	209.6	210.6	215.2	216.4	-	-	-	-	-	
Miscellaneous business services	738	1,199.3	1,195.2	1,234.0	1,240.3	-	1,062.8	1,058.4	1,091.4	1,095.9	
Detective and armored car services	7381	440.6	438.6	459.8	472.0	-	413.6	411.7	431.3	442.4	
Photofinishing laboratories	7384	78.6	77.8	78.5	76.5	-	-	-	-	-	
Auto repair, services, and parking	75	909.7	918.2	913.8	915.4	-	751.8	759.1	751.5	751.9	
Automotive rentals, without drivers	751	184.1	188.1	194.4	193.0	-	-	-	-	-	
Automotive repair shops	753	522.1	526.0	526.1	524.1	-	427.5	431.2	428.9	426.6	
Miscellaneous repair services	76	378.7	382.0	380.5	377.0	-	310.9	313.7	310.5	307.7	
Electrical repair shops	762	125.4	126.3	133.7	132.4	-	-	-	-	-	
Motion pictures	78	383.4	391.0	394.7	391.5	-	322.5	330.5	327.9	326.7	
Motion picture production and services	781	143.7	148.3	156.7	157.1	-	116.4	121.1	124.5	127.2	
Motion picture theaters	783	106.2	107.0	106.3	105.9	-	-	-	-	-	
Amusement and recreation services	79	1,006.0	1,044.6	1,015.8	1,042.7	-	878.8	912.4	882.2	908.7	
Misc. amusement and recreation services	799	669.2	700.2	666.8	675.8	-	583.9	611.3	577.5	586.3	
Health services	80	7,870.3	7,930.3	8,412.6	8,453.8	8,500.5	6,993.8	7,048.6	7,479.3	7,512.7	
Offices and clinics of medical doctors	801	1,359.0	1,372.9	1,478.5	1,485.8	-	1,121.6	1,133.0	1,218.3	1,224.1	
Offices and clinics of dentists	802	514.4	515.6	533.9	534.3	-	451.3	452.3	469.2	468.8	
Nursing and personal care facilities	805	1,416.7	1,426.1	1,513.0	1,525.8	-	1,278.6	1,287.4	1,365.6	1,376.5	
Skilled nursing care facilities	8051	977.0	984.9	1,042.7	1,050.1	-	-	-	-	-	
Nursing and personal care, nec	8059	237.7	238.7	254.2	258.0	-	-	-	-	-	
Hospitals	806	3,592.0	3,613.8	3,787.6	3,798.2	-	3,286.1	3,308.0	3,470.3	3,482.8	
General medical and surgical hospitals	8062	3,322.0	3,342.1	3,504.3	3,513.7	-	-	-	-	-	
Psychiatric hospitals	8063	99.4	100.0	101.6	101.8	-	-	-	-	-	
Specialty hospitals, excluding psychiatric	8069	170.6	171.7	181.7	182.7	-	-	-	-	-	
Medical and dental laboratories	807	173.7	175.2	188.5	191.0	-	-	-	-	-	
Home health care services	808	277.2	283.7	319.6	323.3	-	255.5	261.8	294.5	298.0	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Services—Continued											
Legal services	81	916.0	920.7	934.8	934.3	-	756.6	761.2	765.8	765.1	-
Educational services	82	1,798.8	1,806.8	1,701.9	1,818.6	-	-	-	-	-	-
Elementary and secondary schools	821	465.8	467.8	467.0	471.3	-	-	-	-	-	-
Colleges and universities	822	1,122.9	1,128.1	1,028.3	1,134.1	-	-	-	-	-	-
Vocational schools	824	96.6	95.8	90.8	92.3	-	-	-	-	-	-
Social services	83	1,794.9	1,816.0	1,910.4	1,934.3	-	-	-	-	-	-
Individual and family services	832	445.2	446.9	462.1	467.2	-	-	-	-	-	-
Job training and related services	833	240.7	244.5	237.0	239.8	-	-	-	-	-	-
Residential care	836	452.0	456.6	503.9	508.3	-	-	-	-	-	-
Museums and botanical and zoological gardens	84	57.0	59.1	57.8	57.9	-	-	-	-	-	-
Membership organizations	86	1,814.6	1,823.5	1,810.8	1,828.0	-	-	-	-	-	-
Business associations	861	100.6	101.7	100.7	101.1	-	-	-	-	-	-
Labor organizations	863	135.0	137.6	132.1	132.0	-	-	-	-	-	-
Civic and social associations	864	407.1	410.5	399.3	415.2	-	-	-	-	-	-
Engineering and management services	87	2,440.4	2,455.2	2,407.9	2,420.1	-	1,862.3	1,874.0	1,830.8	1,843.7	-
Engineering and architectural services	871	783.1	788.2	774.3	767.6	-	641.6	644.9	633.8	627.6	-
Accounting, auditing, and bookkeeping	872	563.9	567.2	537.2	553.6	-	427.4	430.2	403.5	418.8	-
Research and testing services	873	536.0	538.4	534.4	536.6	-	387.1	388.9	385.0	388.3	-
Commercial physical research	8731	223.7	223.4	226.3	225.2	-	-	-	-	-	-
Noncommercial research organizations	8733	145.0	146.8	145.8	146.8	-	-	-	-	-	-
Management and public relations	874	557.4	561.4	562.0	562.3	-	406.2	410.0	408.5	409.0	-
Services, nec	89	39.9	39.6	38.8	38.1	-	32.2	32.0	30.4	29.5	-
Government		18,338	18,536	18,298	18,648	18,741	-	-	-	-	-
Federal Government ⁴		2,991	3,082	2,930	2,932	2,940	-	-	-	-	-
Executive, by agency ⁴		2,931.4	3,022.1	2,867.9	-	-	-	-	-	-	-
Department of Defense		969.0	963.1	919.6	-	-	-	-	-	-	-
Postal Service ⁵		820.1	820.2	811.1	-	-	-	-	-	-	-
Other executive agencies		1,142.3	1,238.8	1,137.2	-	-	-	-	-	-	-
Legislative		37.5	37.5	37.8	-	-	-	-	-	-	-
Judicial		21.8	21.9	24.0	-	-	-	-	-	-	-
Federal Government, by industry											
Manufacturing activities		111.6	110.9	104.1	104.2	-	-	-	-	-	-
Ship building and repairing	3731	69.3	68.6	63.8	63.5	-	-	-	-	-	-
Transportation and public utilities, except Postal Service		38.0	38.7	37.0	37.9	-	-	-	-	-	-
Services		388.9	387.9	387.6	388.9	-	-	-	-	-	-
Hospitals	806	227.1	227.3	228.8	230.2	-	-	-	-	-	-
State government		4,334	4,364	4,285	4,420	4,443	-	-	-	-	-
Hospitals	806	451.3	454.3	453.0	452.4	-	-	-	-	-	-
Education	82	1,792.2	1,808.5	1,686.4	1,818.6	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		1,575.4	1,584.5	1,621.2	1,625.6	-	-	-	-	-	-
Local government		11,013	11,090	11,083	11,296	11,358	-	-	-	-	-
Transportation and public utilities		483.6	486.9	486.7	486.4	-	-	-	-	-	-
Hospitals	806	660.5	664.2	688.8	690.4	-	-	-	-	-	-
Education	82	6,295.1	6,333.3	6,287.1	6,486.0	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		3,253.0	3,275.1	3,318.2	3,328.5	-	-	-	-	-	-

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

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

³ Data for nonoffice sales agents are excluded from the nonsupervisory count for all series in this division.

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 reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1989 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. 1989	Jan. 1990	Nov. 1990	Dec. 1990	Jan. 1991
Total	52,333	51,399	53,221	53,280	52,228
Total private	42,678	41,857	43,122	43,237	42,348
Goods-producing	7,031	6,934	6,883	6,827	6,735
Mining	95	95	98	99	99
Construction	556	548	564	558	544
Manufacturing	6,380	6,291	6,221	6,170	6,092
Durable goods	3,038	2,993	2,929	2,907	2,873
Lumber and wood products	120	118	115	115	112
Furniture and fixtures	163	162	156	154	152
Stone, clay, and glass products	110	109	107	106	103
Primary metal industries	103	101	102	101	100
Fabricated metal products	318	312	311	308	304
Industrial machinery and equipment	468	465	450	449	447
Electronic and other electrical equipment	743	739	710	704	697
Transportation equipment	414	394	391	390	384
Instruments and related products	420	418	407	407	403
Miscellaneous manufacturing	179	176	180	176	172
Nondurable goods	3,342	3,298	3,292	3,263	3,219
Food and kindred products	536	518	543	532	515
Tobacco products	17	17	16	17	17
Textile mill products	348	344	337	332	330
Apparel and other textile products	844	832	803	792	784
Paper and allied products	172	169	172	170	169
Printing and publishing	696	693	698	699	693
Chemicals and allied products	322	321	327	329	325
Petroleum and coal products	25	25	27	26	26
Rubber and misc. plastics products	307	303	299	296	293
Leather and leather products	77	76	71	69	68
Service-producing	45,302	44,465	46,338	46,453	45,493
Transportation and public utilities	1,686	1,674	1,748	1,753	1,740
Wholesale trade	1,958	1,938	1,963	1,955	1,919
Retail trade	10,943	10,376	10,704	10,860	10,279
Finance, insurance, and real estate	4,269	4,258	4,313	4,315	4,301
Services	16,791	16,677	17,511	17,527	17,374
Government	9,655	9,542	10,099	10,043	9,880
Federal	1,163	1,174	1,224	1,220	1,213
State	2,121	2,075	2,220	2,203	2,149
Local	6,371	6,293	6,655	6,620	6,518

NOTE: Establishment survey estimates reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1989 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	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P	Mar. ^P
Total	110,122	110,177	110,617	110,829	110,740	110,613	110,812	110,432	110,165	110,004	109,813	109,522	109,316
Total private	91,963	91,922	92,120	92,282	92,300	92,320	92,306	92,112	91,840	91,701	91,501	91,175	90,960
Goods-producing	25,259	25,180	25,191	25,162	25,105	25,013	24,931	24,777	24,511	24,418	24,193	24,063	23,897
Mining	729	734	738	744	745	735	736	733	738	740	737	737	735
Oil and gas extraction	403	405	408	413	413	410	410	411	414	414	415	416	415
Construction	5,313	5,256	5,286	5,270	5,229	5,194	5,178	5,093	5,029	4,983	4,841	4,860	4,788
General building contractors	1,351	1,338	1,334	1,334	1,319	1,307	1,306	1,278	1,254	1,243	1,222	1,215	1,198
Manufacturing	19,217	19,190	19,167	19,148	19,131	19,084	19,019	18,951	18,744	18,693	18,615	18,466	18,374
Durable goods	11,261	11,229	11,217	11,201	11,179	11,129	11,088	11,026	10,865	10,831	10,775	10,645	10,581
Lumber and wood products	751	750	748	743	742	739	737	730	716	712	704	693	690
Furniture and fixtures	518	516	516	515	511	513	510	507	496	494	491	482	479
Stone, clay, and glass products	565	560	559	556	552	551	547	546	541	538	529	526	518
Primary metal industries	754	755	755	756	759	755	751	751	744	738	738	722	721
Blast furnaces and basic steel products	270	271	271	270	271	271	270	271	271	269	267	259	257
Fabricated metal products	1,418	1,419	1,417	1,415	1,419	1,419	1,410	1,405	1,389	1,382	1,378	1,349	1,341
Industrial machinery and equipment	2,119	2,112	2,112	2,108	2,104	2,096	2,082	2,081	2,067	2,058	2,055	2,040	2,027
Electronic and other electrical equipment	1,718	1,713	1,711	1,703	1,695	1,685	1,674	1,885	1,852	1,844	1,838	1,631	1,619
Transportation equipment	2,022	2,014	2,010	2,021	2,015	1,997	1,981	1,989	1,897	1,904	1,866	1,850	1,840
Motor vehicles and equipment	825	820	817	826	824	814	806	803	748	762	753	731	730
Instruments and related products	1,008	1,005	1,002	1,000	998	990	991	988	983	982	976	975	973
Miscellaneous manufacturing	388	385	387	384	386	384	385	384	380	379	380	377	373
Nondurable goods	7,956	7,961	7,950	7,947	7,952	7,955	7,951	7,925	7,879	7,862	7,840	7,821	7,793
Food and kindred products	1,648	1,651	1,650	1,643	1,645	1,650	1,652	1,654	1,647	1,654	1,655	1,661	1,657
Tobacco products	46	46	46	47	46	48	47	46	48	47	46	46	45
Textile mill products	709	708	703	702	702	701	697	688	687	680	675	668	687
Apparel and other textile products	1,037	1,036	1,031	1,029	1,027	1,026	1,027	1,021	1,008	1,000	995	995	994
Paper and allied products	698	699	698	699	701	702	700	698	696	694	694	693	691
Printing and publishing	1,578	1,579	1,581	1,582	1,583	1,582	1,581	1,579	1,572	1,570	1,565	1,558	1,551
Chemicals and allied products	1,083	1,084	1,085	1,086	1,088	1,088	1,088	1,087	1,087	1,088	1,087	1,086	1,084
Petroleum and coal products	159	159	159	160	160	161	161	161	161	161	160	160	160
Rubber and misc. plastics products	867	869	868	871	874	874	873	869	855	849	845	837	829
Leather and leather products	131	130	129	128	126	125	125	122	120	119	118	117	115
Service-producing	84,863	84,997	85,426	85,667	85,635	85,600	85,681	85,655	85,654	85,588	85,620	85,459	85,419
Transportation and public utilities	5,808	5,809	5,833	5,846	5,841	5,846	5,870	5,870	5,866	5,882	5,883	5,849	5,844
Transportation	3,589	3,588	3,613	3,627	3,625	3,631	3,652	3,652	3,653	3,668	3,663	3,631	3,627
Communications and public utilities	2,219	2,221	2,220	2,219	2,218	2,215	2,218	2,218	2,213	2,214	2,220	2,218	2,217
Wholesale trade	6,361	6,363	6,369	6,383	6,374	6,376	6,370	6,355	6,343	6,331	6,292	6,272	6,253
Durable goods	3,775	3,771	3,779	3,779	3,775	3,770	3,763	3,752	3,742	3,735	3,710	3,692	3,675
Nondurable goods	2,586	2,592	2,590	2,604	2,599	2,606	2,607	2,603	2,601	2,598	2,582	2,580	2,578
Retail trade	19,764	19,778	19,795	19,822	19,851	19,846	19,844	19,792	19,739	19,670	19,682	19,571	19,521
General merchandise stores	2,495	2,493	2,487	2,496	2,494	2,493	2,488	2,466	2,444	2,402	2,396	2,382	2,368
Food stores	3,272	3,287	3,295	3,302	3,304	3,301	3,304	3,307	3,317	3,313	3,312	3,304	3,308
Automotive dealers and service stations	2,120	2,118	2,121	2,120	2,131	2,135	2,140	2,130	2,128	2,121	2,108	2,094	2,084
Eating and drinking places	6,563	6,573	6,583	6,598	6,619	6,613	6,623	6,633	6,620	6,627	6,629	6,613	6,601
Finance, insurance, and real estate	6,821	6,823	6,838	6,844	6,842	6,852	6,851	6,843	6,833	6,829	6,829	6,819	6,821
Finance	3,333	3,336	3,338	3,344	3,341	3,349	3,349	3,346	3,341	3,336	3,335	3,329	3,329
Insurance	2,135	2,135	2,139	2,143	2,147	2,151	2,152	2,152	2,151	2,152	2,160	2,160	2,163
Real estate	1,353	1,352	1,361	1,357	1,354	1,352	1,350	1,345	1,341	1,341	1,334	1,330	1,329
Services	27,950	27,969	28,094	28,225	28,287	28,387	28,440	28,475	28,548	28,573	28,622	28,601	28,624
Business services	5,021	5,026	5,048	5,060	5,051	5,052	5,071	5,062	5,046	5,016	5,013	4,982	4,969
Health services	7,936	7,984	8,040	8,096	8,132	8,191	8,237	8,294	8,335	8,395	8,438	8,471	8,509
Government	18,159	18,255	18,497	18,547	18,440	18,293	18,306	18,320	18,325	18,303	18,312	18,347	18,356
Federal	3,089	3,151	3,346	3,338	3,164	3,045	2,999	2,983	2,961	2,943	2,951	2,947	2,949
State	4,249	4,252	4,262	4,296	4,298	4,305	4,309	4,323	4,323	4,325	4,333	4,325	4,326
Local	10,821	10,852	10,889	10,913	10,978	10,943	10,998	11,014	11,041	11,035	11,028	11,075	11,081

^P = preliminary.

NOTE: Establishment survey estimates reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark

levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1986 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	1990												1991
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total	51,711	51,844	51,968	52,082	52,295	52,507	52,597	52,620	52,642	52,610	52,582	52,552	52,543
Total private	42,249	42,347	42,405	42,459	42,538	42,697	42,750	42,812	42,852	42,833	42,786	42,763	42,746
Goods-producing	7,001	7,003	6,988	6,983	6,974	6,969	6,964	6,952	6,936	6,896	6,839	6,818	6,803
Mining	96	97	98	98	98	99	99	100	99	98	98	99	100
Construction	562	564	563	563	566	565	564	563	566	564	561	560	558
Manufacturing	6,343	6,342	6,327	6,322	6,310	6,305	6,301	6,289	6,271	6,234	6,180	6,159	6,145
Durable goods	3,009	3,017	3,013	3,006	3,001	2,999	2,995	2,977	2,962	2,947	2,911	2,896	2,890
Lumber and wood products	120	120	120	120	120	120	121	119	118	117	116	115	114
Furniture and fixtures	161	161	161	160	160	161	159	161	159	158	154	153	152
Stone, clay, and glass products	110	110	110	109	109	108	107	108	109	108	107	105	105
Primary metal industries	102	102	103	103	103	103	104	102	102	102	102	101	101
Fabricated metal products	314	315	315	315	314	314	315	315	313	312	308	307	306
Industrial machinery and equipment	466	466	463	462	460	459	459	457	453	453	449	447	448
Electronic and other electrical equipment	738	736	735	733	732	729	726	719	714	711	705	700	697
Transportation equipment	398	408	408	408	408	411	411	408	406	402	389	387	387
Instruments and related products	418	417	417	416	415	415	413	410	409	407	405	404	403
Miscellaneous manufacturing	182	182	181	180	180	179	180	178	179	177	176	177	177
Nondurable goods	3,334	3,325	3,314	3,316	3,309	3,306	3,306	3,312	3,309	3,287	3,269	3,263	3,255
Food and kindred products	539	537	537	538	537	532	534	536	538	536	532	536	536
Tobacco products	16	16	16	15	15	16	16	16	16	15	15	16	16
Textile mill products	347	346	344	343	341	341	341	343	340	334	335	332	332
Apparel and other textile products	836	827	818	818	814	813	808	811	812	804	797	790	788
Paper and allied products	172	173	173	173	173	173	174	174	173	172	172	170	172
Printing and publishing	694	694	695	696	696	697	698	697	697	697	696	696	694
Chemicals and allied products	324	326	326	327	327	327	329	328	329	329	328	330	328
Petroleum and coal products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Rubber and misc. plastics products	303	303	303	304	305	306	307	308	306	303	297	296	293
Leather and leather products	77	77	76	76	75	75	73	73	72	71	70	70	69
Service-producing	44,710	44,841	44,980	45,099	45,321	45,538	45,633	45,668	45,706	45,714	45,743	45,734	45,740
Transportation and public utilities	1,680	1,687	1,690	1,692	1,702	1,713	1,711	1,721	1,731	1,733	1,739	1,744	1,747
Wholesale trade	1,949	1,947	1,950	1,949	1,950	1,957	1,956	1,955	1,957	1,953	1,949	1,943	1,931
Retail trade	10,497	10,484	10,474	10,483	10,482	10,504	10,518	10,498	10,503	10,479	10,443	10,402	10,393
Finance, insurance, and real estate	4,278	4,287	4,295	4,303	4,309	4,314	4,322	4,332	4,326	4,325	4,322	4,311	4,323
Services	16,844	16,939	17,008	17,049	17,121	17,240	17,279	17,354	17,399	17,447	17,494	17,545	17,549
Government	9,462	9,497	9,563	9,623	9,757	9,810	9,847	9,808	9,790	9,777	9,796	9,789	9,797
Federal	1,181	1,189	1,234	1,269	1,366	1,362	1,335	1,272	1,249	1,233	1,223	1,218	1,220
State	2,088	2,097	2,104	2,107	2,115	2,134	2,133	2,138	2,145	2,149	2,155	2,156	2,162
Local	6,193	6,211	6,225	6,247	6,276	6,314	6,379	6,398	6,396	6,395	6,418	6,415	6,415

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.

Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1986 forward are subject to revision.

NOTE: Establishment survey estimates reflect the 1987 Standard Industrial

**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	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P	Mar. ^P
Total private	74,545	74,496	74,651	74,827	74,799	74,779	74,753	74,606	74,342	74,195	73,998	73,696	73,500
Goods-producing	17,742	17,667	17,673	17,651	17,613	17,527	17,435	17,314	17,076	16,993	16,779	16,676	16,544
Mining	523	527	530	537	537	528	528	531	531	534	530	530	527
Construction	4,158	4,094	4,120	4,107	4,066	4,031	4,008	3,934	3,874	3,833	3,684	3,713	3,654
Manufacturing	13,061	13,046	13,023	13,007	13,010	12,968	12,899	12,849	12,671	12,626	12,565	12,433	12,363
Durable goods	7,479	7,461	7,450	7,439	7,438	7,395	7,337	7,308	7,171	7,146	7,104	6,990	6,944
Lumber and wood products	620	619	617	612	610	607	606	599	588	584	576	566	564
Furniture and fixtures	411	409	408	408	404	406	403	400	390	386	385	377	376
Stone, clay, and glass products	440	436	434	432	429	428	426	425	420	418	409	407	399
Primary metal industries	573	574	574	574	577	572	570	570	563	558	558	543	542
Blast furnaces and basic steel products	207	208	208	207	208	207	207	208	207	206	204	197	195
Fabricated metal products	1,044	1,047	1,045	1,043	1,047	1,046	1,039	1,034	1,021	1,016	1,013	984	979
Industrial machinery and equipment	1,276	1,274	1,274	1,270	1,271	1,263	1,247	1,247	1,238	1,230	1,226	1,216	1,205
Electronic and other electrical equipment	1,084	1,082	1,080	1,078	1,073	1,065	1,056	1,052	1,040	1,034	1,023	1,020	1,011
Transportation equipment	1,246	1,239	1,238	1,250	1,253	1,239	1,224	1,220	1,156	1,166	1,157	1,124	1,119
Motor vehicles and equipment	632	628	626	634	633	622	615	614	562	576	569	549	546
Instruments and related products	503	502	499	495	493	490	487	484	481	481	483	482	482
Miscellaneous manufacturing	282	279	281	277	281	279	279	277	274	273	274	271	267
Nondurable goods	5,582	5,585	5,573	5,568	5,572	5,573	5,562	5,541	5,500	5,480	5,461	5,443	5,419
Food and kindred products	1,183	1,188	1,187	1,179	1,182	1,187	1,189	1,190	1,186	1,192	1,194	1,201	1,196
Tobacco products	35	33	34	34	34	35	35	34	34	35	34	34	33
Textile mill products	609	609	604	603	602	602	598	589	589	582	579	572	571
Apparel and other textile products	870	869	865	863	860	860	859	854	842	836	829	830	828
Paper and allied products	524	525	523	525	526	527	526	525	521	520	522	521	520
Printing and publishing	876	875	876	877	880	879	875	874	869	865	862	854	850
Chemicals and allied products	601	601	601	600	602	597	597	597	595	594	591	591	590
Petroleum and coal products	105	104	104	105	105	105	105	105	106	105	103	103	103
Rubber and misc. plastics products	670	673	672	676	677	678	676	673	660	654	650	642	634
Leather and leather products	109	108	107	106	104	103	102	100	98	97	97	95	94
Service-producing	56,803	56,829	56,978	57,176	57,186	57,252	57,318	57,292	57,266	57,202	57,219	57,020	56,956
Transportation and public utilities	4,833	4,831	4,848	4,866	4,852	4,843	4,868	4,870	4,874	4,892	4,892	4,862	4,852
Wholesale trade	5,111	5,109	5,106	5,130	5,118	5,117	5,109	5,095	5,084	5,074	5,045	5,021	5,014
Retail trade	17,506	17,517	17,533	17,563	17,588	17,573	17,570	17,525	17,461	17,405	17,393	17,284	17,228
Finance, insurance, and real estate	4,960	4,961	4,970	4,970	4,965	4,973	4,964	4,957	4,947	4,930	4,938	4,931	4,941
Services	24,393	24,411	24,521	24,647	24,663	24,746	24,807	24,845	24,900	24,901	24,951	24,922	24,921

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 reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1986 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:												
1989	64.5	58.7	58.0	57.0	55.6	57.3	55.8	57.7	50.0	55.2	59.6	56.6
1990	55.6	58.6	53.7	49.9	55.8	49.9	50.8	48.2	45.8	42.3	38.8	41.4
1991	41.7	^P 36.4	^P 39.5									
Over 3-month span:												
1989	65.3	64.2	60.0	60.1	59.7	58.3	59.7	54.5	55.2	55.8	57.7	60.3
1990	58.4	56.7	54.8	53.1	53.7	55.3	50.1	45.2	40.9	36.8	35.0	35.3
1991	^P 30.6	^P 30.8										
Over 6-month span:												
1989	67.6	65.4	65.0	61.0	61.2	58.7	57.0	58.1	56.2	58.3	57.4	58.4
1990	57.3	56.5	55.5	55.9	51.4	48.3	45.4	39.9	36.8	33.8	^P 30.2	^P 27.8
1991												
Over 12-month span:												
1989	67.1	67.7	65.3	64.6	64.9	61.2	60.0	59.8	58.6	57.3	56.7	56.0
1990	54.8	54.1	54.1	50.0	48.8	43.3	40.4	^P 36.2	^P 34.0			
1991												
Manufacturing payrolls, 139 industries¹												
Over 1-month span:												
1989	60.4	48.6	50.4	47.1	45.3	45.7	45.0	45.7	34.2	48.6	43.5	48.2
1990	42.4	45.7	45.3	46.8	45.7	40.3	48.2	40.8	38.1	38.3	25.2	34.2
1991	37.4	^P 30.2	^P 30.6									
Over 3-month span:												
1989	54.0	54.7	45.3	43.9	43.2	42.8	41.7	33.1	36.3	34.9	41.7	39.2
1990	40.3	37.1	44.2	41.4	40.6	44.2	39.9	33.8	29.1	21.2	20.5	20.1
1991	^P 20.9	^P 18.7										
Over 6-month span:												
1989	58.5	49.6	49.3	43.5	42.1	37.1	36.7	34.9	34.2	35.3	33.1	36.0
1990	37.1	35.6	36.3	43.2	38.1	31.7	28.4	19.8	21.9	17.3	^P 15.8	^P 12.2
1991												
Over 12-month span:												
1989	53.6	55.0	49.3	45.3	43.9	39.9	37.1	35.6	33.8	32.4	30.9	31.7
1990	31.3	31.3	30.8	27.0	21.2	18.0	18.3	^P 14.4	^P 11.5			
1991												

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 reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1989) 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. 1990	Jan. 1991	Feb. 1991P	Feb. 1990	Jan. 1991	Feb. 1991P	Feb. 1990	Jan. 1991	Feb. 1991P
Alabama	1,607.9	1,626.2	1,624.9	12.5	13.0	12.6	80.3	75.7	76.7
Birmingham	414.1	420.8	419.3	5.9	5.6	5.6	23.1	22.5	22.7
Huntsville	133.6	135.5	134.3	(1)	(1)	(1)	5.3	5.2	5.1
Mobile	172.2	177.9	179.4	(1)	(1)	(1)	10.4	10.5	10.5
Montgomery	132.5	136.2	135.0	(1)	(1)	(1)	7.0	7.1	7.3
Tuscaloosa	63.8	66.4	66.3	3.1	3.4	3.4	4.1	3.9	3.7
Alaska	220.6	221.9	227.1	10.3	10.8	11.0	7.4	8.0	7.9
Arizona	1,476.8	1,506.9	1,521.5	12.1	12.6	12.7	79.9	78.5	76.5
Phoenix	973.8	997.6	1,002.5	.8	.7	.7	53.8	52.0	49.9
Tucson	254.0	255.5	259.4	2.1	2.2	2.2	14.1	14.4	14.4
Arkansas	902.1	920.9	930.0	4.1	3.7	3.7	33.5	33.7	34.8
Fayetteville-Springdale	55.2	55.6	56.7	(1)	(1)	(1)	1.7	1.7	1.8
Fort Smith	77.7	78.8	78.9	1.0	.8	.9	2.5	2.6	2.6
Little Rock-North Little Rock	248.1	253.3	254.0	(1)	(1)	(1)	9.8	10.3	10.6
Pine Bluff	34.1	33.4	33.4	(1)	(1)	(1)	1.7	1.1	1.1
California	12,708.6	12,771.4	12,800.9	39.2	38.1	38.1	649.6	614.2	610.3
Anaheim-Santa Ana	1,205.4	1,204.4	1,206.5	1.3	1.2	1.2	69.8	59.4	58.9
Bakersfield	169.1	172.3	172.9	13.8	14.2	14.1	10.8	11.1	11.0
Fresno	221.2	233.6	235.4	.6	.6	.6	13.2	13.8	14.0
Los Angeles-Long Beach	4,266.9	4,254.2	4,264.2	8.4	8.3	8.3	158.5	152.6	152.9
Modesto	114.3	119.0	118.7	(2)	(2)	(2)	8.7	7.9	6.1
Oakland	885.4	902.5	904.0	3.5	2.9	2.9	49.2	48.5	48.0
Oxnard-Ventura	233.1	233.8	234.7	2.4	2.2	2.2	17.1	16.8	16.7
Riverside-San Bernardino	724.7	752.4	752.0	1.4	1.4	1.4	66.3	59.8	58.6
Sacramento	617.1	626.7	623.9	.6	.5	.5	37.8	35.3	34.4
San Diego	984.7	987.0	989.2	.7	.7	.7	62.1	57.3	57.2
San Francisco	961.9	973.1	973.7	.6	.6	.6	35.2	35.8	36.2
San Jose	829.4	822.4	823.5	.2	.2	.2	32.7	32.4	32.1
Santa Barbara-Santa Maria-Lompoc	150.7	151.4	151.9	1.2	1.2	1.2	7.4	7.2	7.0
Santa Rosa-Petaluma	139.1	147.5	148.1	.5	.5	.5	10.0	9.8	9.6
Stockton	150.8	153.9	154.1	.1	.1	.1	8.8	8.9	8.8
Vallejo-Fairfield-Napa	136.3	139.9	140.4	.5	.5	.5	10.4	11.0	11.0
Colorado	1,491.0	1,530.0	1,532.7	19.3	20.1	19.5	54.4	58.8	59.1
Boulder-Longmont	115.6	116.7	117.3	(1)	(1)	(1)	3.4	3.4	3.4
Denver	619.3	841.4	842.6	10.8	11.2	11.2	28.4	31.4	31.8
Connecticut	1,626.8	1,609.9	1,597.9	.9	.7	.7	58.7	51.9	48.5
Bridgeport-Milford	191.8	188.6	187.0	(2)	(2)	(2)	6.5	6.2	6.0
Hartford	475.3	473.0	465.6	(1)	(1)	(1)	16.0	13.4	12.6
New Britain	63.8	61.9	61.3	(2)	(2)	(2)	3.6	3.1	3.0
New Haven-Meriden	257.1	253.5	251.6	(1)	(1)	(1)	10.1	8.2	7.7
Stamford	118.9	118.5	117.6	(1)	(1)	(1)	4.0	3.7	3.6
Waterbury	83.7	81.8	80.5	(2)	(2)	(2)	3.2	2.9	2.7
Delaware	341.3	340.1	334.1	.1	.1	.1	19.0	17.8	17.9
Wilmington	294.4	295.0	290.1	.2	.2	.2	16.4	15.1	15.2
District of Columbia	682.3	680.2	681.5	.1	.1	.1	14.4	14.0	13.9
Washington MSA	2,216.0	2,200.0	2,199.4	1.2	1.1	1.1	136.3	118.4	116.1
Florida	5,390.8	5,400.8	5,403.2	9.2	8.3	8.1	331.3	288.3	278.9
Daytona Beach	126.2	125.0	129.5	(2)	(2)	(2)	7.9	7.6	7.6
Fort Lauderdale-Hollywood-Pompano Beach	516.5	522.8	520.8	.3	.2	.2	33.4	31.6	29.8
Fort Myers-Cape Coral	130.0	134.5	135.5	(2)	(2)	(2)	13.2	12.2	12.4
Gainesville	101.3	100.9	101.9	(2)	(2)	(2)	4.4	4.0	4.0
Jacksonville	417.9	424.2	425.1	.7	.7	.6	26.8	23.0	23.0
Lakeland-Winter Haven	157.8	158.6	158.5	4.1	3.7	3.7	8.7	8.3	8.1
Melbourne-Titusville-Palm Bay	163.9	164.6	164.2	(2)	(2)	(2)	9.2	8.5	8.2
Miami-Hialeah	882.8	888.0	879.7	.9	.8	.8	39.4	36.9	36.3
Orlando	563.0	564.6	568.5	(2)	(2)	(2)	37.6	34.4	33.7
Pensacola	128.9	129.1	130.0	.4	.4	.4	8.0	7.3	7.2
Sarasota	119.0	121.2	121.9	(2)	(2)	(2)	9.7	9.2	9.1
Tallahassee	124.5	125.9	127.3	(2)	(2)	(2)	5.7	5.4	5.4
Tampa-St. Petersburg-Clearwater	879.8	889.7	890.6	.6	.5	.5	50.0	46.8	45.3
West Palm Beach-Boca Raton-DeLray Beach	367.2	368.8	369.1	(2)	(2)	(2)	26.4	22.6	22.0

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. 1990	Jan. 1991	Feb. 1991P	Feb. 1990	Jan. 1991	Feb. 1991P	Feb. 1990	Jan. 1991	Feb. 1991P
Alabama	379.5	377.4	376.8	82.3	83.8	83.9	345.9	351.0	348.4
Birmingham	57.3	56.7	55.7	32.4	32.4	32.3	98.1	98.5	97.9
Huntsville	33.0	33.4	32.5	3.1	3.1	3.2	24.5	25.0	24.8
Mobile	26.9	27.7	29.2	10.0	10.0	10.1	45.2	48.5	48.1
Montgomery	17.3	17.9	17.8	5.5	5.7	5.7	30.3	30.6	29.9
Tuscaloosa	7.8	10.1	10.1	2.1	2.1	2.1	13.6	14.4	14.0
Alaska	13.1	11.9	13.6	18.4	19.3	19.4	42.5	44.0	43.7
Arizona	185.7	183.1	182.8	80.9	82.0	81.8	365.1	379.9	380.5
Phoenix	138.7	138.2	136.5	57.6	59.0	58.3	243.9	255.8	255.9
Tucson	26.8	26.2	25.9	9.5	9.4	9.4	60.3	81.1	61.4
Arkansas	229.3	231.7	231.0	54.5	56.3	56.3	200.2	204.2	204.7
Fayetteville-Springdale	14.0	14.1	14.2	4.9	4.9	4.9	11.9	12.3	12.3
Fort Smith	24.6	24.5	24.2	4.4	4.8	4.8	16.3	16.3	16.1
Little Rock-North Little Rock	33.0	33.0	32.7	16.4	16.4	16.3	59.5	61.1	60.5
Pine Bluff	6.3	6.1	6.0	2.6	2.7	2.7	7.2	7.2	7.2
California	2,122.1	2,062.3	2,059.5	617.8	626.0	626.1	2,976.1	3,011.6	2,989.3
Anaheim-Santa Ana	252.7	249.5	249.8	37.2	38.0	38.2	299.4	301.5	299.7
Bakersfield	10.7	10.8	10.9	8.0	8.2	8.2	39.5	40.8	40.5
Fresno	24.4	25.4	25.2	12.5	13.0	12.8	56.0	59.5	59.4
Los Angeles-Long Beach	867.4	830.7	830.3	218.9	221.6	221.1	959.9	981.3	956.2
Medesto	23.1	23.7	23.6	4.8	5.3	5.2	29.8	31.8	31.1
Oakland	112.0	113.1	112.7	59.7	62.0	62.0	215.0	223.6	221.1
Oxnard-Ventura	33.3	31.7	32.1	11.9	12.2	12.1	56.5	58.6	58.3
Riverside-San Bernardino	88.7	89.3	89.2	34.6	35.4	35.4	179.5	189.5	187.6
Sacramento	43.7	44.5	43.9	27.8	28.3	28.0	142.5	147.3	144.7
San Diego	137.2	134.7	133.5	36.5	37.0	37.0	235.2	234.7	233.7
San Francisco	79.5	78.7	78.6	77.7	78.0	77.9	210.6	212.7	209.7
San Jose	264.9	258.9	258.5	22.2	22.9	23.0	168.8	168.7	166.4
Santa Barbara-Santa Maria-Lompoc	21.9	21.8	21.8	5.5	5.5	5.5	33.9	34.5	34.1
Santa Rosa-Petaluma	21.2	21.7	21.9	6.3	6.9	6.9	35.5	39.2	39.0
Stockton	22.8	23.5	23.7	8.5	8.5	8.8	35.0	35.9	35.2
Vallejo-Fairfield-Napa	12.2	12.2	12.2	4.8	5.0	5.0	33.6	35.4	35.3
Colorado	191.7	192.7	191.1	95.6	97.3	96.7	360.7	374.0	369.3
Boulder-Longmont	30.4	30.2	30.1	2.4	2.3	2.3	24.1	25.0	24.8
Denver	93.9	93.7	93.0	89.9	70.4	70.0	199.1	206.6	204.0
Connecticut	347.1	335.0	331.7	71.9	73.2	71.6	359.7	360.5	353.4
Bridgeport-Milford	51.6	48.5	47.9	8.0	8.3	8.2	43.3	43.3	42.4
Hartford	83.0	82.9	82.1	18.9	19.2	18.7	102.5	102.5	97.5
New Britain	18.6	18.3	17.9	3.1	3.3	3.2	13.2	13.2	13.2
New Haven-Meriden	45.2	43.4	42.4	17.1	17.0	16.9	55.6	54.6	52.7
Stamford	20.0	19.1	19.0	6.1	6.2	6.3	26.9	28.0	27.2
Waterbury	21.3	18.4	18.3	3.4	3.4	3.4	17.2	17.5	17.0
Delaware	72.6	71.3	65.9	15.0	15.1	15.1	72.8	73.9	73.3
Wilmington	62.5	61.3	56.1	16.1	16.9	17.0	60.0	61.0	60.6
District of Columbia	15.8	15.4	15.4	23.6	23.5	23.5	61.3	59.3	59.6
Washington MSA	88.3	85.7	85.4	106.4	107.8	106.6	426.4	427.2	422.2
Florida	530.1	510.0	508.3	272.6	275.3	266.5	1,461.4	1,461.9	1,465.0
Daytona Beach	12.4	12.1	12.6	4.2	4.3	4.3	37.1	36.2	37.3
Fort Lauderdale-Hollywood-Pompano Beach	43.9	43.2	43.1	23.1	23.4	23.2	152.6	154.6	153.8
Fort Myers-Cape Coral	6.1	5.9	6.1	5.5	5.8	5.8	39.1	41.9	42.0
Gainesville	5.6	5.5	5.5	1.9	1.9	1.9	21.7	21.6	21.4
Jacksonville	36.5	35.4	35.5	28.2	29.2	29.0	110.4	115.1	115.3
Lakeland-Winter Haven	23.0	23.1	22.5	7.6	7.5	7.6	44.0	44.4	44.6
Melbourne-Titusville-Palm Bay	30.2	30.3	29.8	4.4	4.6	4.6	38.2	38.5	38.8
Miami-Hialeah	88.9	87.3	87.3	71.1	72.2	67.2	238.7	239.7	237.8
Orlando	55.0	52.8	52.5	29.2	29.0	29.1	148.1	147.0	148.2
Pensacola	11.8	11.3	11.3	6.9	6.3	6.4	31.6	32.2	32.2
Sarasota	8.5	8.7	8.7	3.7	3.7	3.7	35.6	35.7	35.9
Tallahassee	4.8	4.6	4.4	3.1	3.1	3.1	26.6	27.2	27.3
Tampa-St. Petersburg-Clearwater	94.1	90.3	90.0	41.0	41.9	40.9	242.8	246.5	247.0
West Palm Beach-Boca Raton-DeLray Beach	34.2	33.2	33.0	14.3	14.9	15.0	99.7	100.7	100.6

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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Alabama	73.0	74.2	73.3	308.7	320.5	320.7	325.7	330.6	332.5
Birmingham	30.2	30.9	30.3	102.0	107.1	107.3	85.1	87.1	87.5
Huntsville	3.8	3.9	3.9	32.1	33.1	32.7	31.8	31.8	32.1
Mobile	8.0	8.0	8.0	42.1	43.6	43.7	29.6	31.8	31.8
Montgomery	8.1	8.5	8.4	29.8	30.9	31.3	34.5	35.5	34.6
Tuscaloosa	2.1	2.1	2.1	10.3	9.7	10.0	20.7	20.7	20.9
Alaska	10.0	10.2	10.3	47.9	48.9	49.5	71.0	68.8	71.5
Arizona	93.3	95.0	95.3	397.4	413.5	418.3	262.4	262.3	273.6
Phoenix	74.3	75.8	78.1	270.3	280.8	283.1	134.6	137.5	142.0
Tucson	11.6	11.6	11.6	73.0	76.4	77.6	56.6	54.2	56.9
Arkansas	37.6	38.1	38.2	182.6	192.6	196.3	160.3	160.6	165.0
Fayetteville-Springdale	1.6	1.7	1.7	9.4	9.6	9.7	11.7	11.3	12.1
Fort Smith	2.6	2.6	2.6	17.8	18.8	19.1	8.5	8.4	8.6
Little Rock-North Little Rock	15.4	15.6	15.6	64.8	66.5	67.1	49.2	50.4	51.2
Pine Bluff	1.2	1.2	1.2	7.3	7.2	7.2	7.8	7.9	8.0
California	837.3	842.8	842.7	3,398.6	3,487.1	3,523.9	2,067.7	2,089.5	2,111.0
Anaheim-Santa Ana	101.1	103.0	102.9	317.5	324.3	325.9	126.4	127.5	129.9
Bakersfield	6.5	6.9	6.8	35.8	36.0	36.2	44.0	44.3	45.2
Fresno	12.6	13.7	13.7	51.8	54.8	55.7	49.9	53.0	54.0
Los Angeles-Long Beach	290.0	292.0	292.4	1,224.6	1,249.0	1,263.3	539.2	538.5	539.7
Modesto	4.8	4.9	5.0	23.8	24.6	24.9	19.3	20.8	20.8
Oakland	57.0	57.5	57.4	220.3	226.6	230.0	168.7	168.3	169.9
Oxnard-Ventura	12.8	12.0	12.0	55.7	56.5	56.9	43.4	43.8	44.4
Riverside-San Bernardino	31.4	33.6	33.5	175.9	189.0	191.2	146.9	154.4	155.1
Sacramento	40.0	41.7	41.7	139.9	144.3	144.1	184.8	184.8	186.6
San Diego	67.9	66.6	66.7	268.5	275.5	276.2	176.6	180.5	182.2
San Francisco	108.4	108.4	108.5	311.3	319.6	321.3	138.6	139.3	140.9
San Jose	32.6	32.4	32.2	219.4	217.3	221.0	88.6	89.6	90.1
Santa Barbara-Santa Maria-Lompoc	8.5	6.6	6.6	42.6	43.6	43.8	29.7	29.2	29.9
Santa Rosa-Petaluma	8.4	8.9	8.9	32.8	36.3	36.3	24.4	24.2	25.0
Stockton	9.6	9.5	9.6	32.8	33.3	33.6	33.2	34.2	34.3
Vallejo-Fairfield-Napa	5.0	5.2	5.2	31.3	32.9	33.4	38.5	37.7	37.8
Colorado	96.6	98.0	97.4	393.6	410.6	411.0	279.1	278.5	288.6
Boulder-Longmont	4.1	4.2	4.2	27.8	28.7	28.6	23.4	22.9	23.9
Denver	63.7	64.9	64.7	223.9	232.2	232.5	129.6	131.0	135.4
Connecticut	151.8	148.9	147.7	424.3	429.9	431.9	212.4	209.8	212.4
Bridgeport-Milford	11.9	11.4	11.3	50.1	51.2	51.3	20.4	19.7	19.9
Hartford	74.8	73.9	73.5	116.5	116.8	116.6	63.6	64.3	64.6
New Britain	3.6	2.8	2.8	14.8	14.5	14.5	6.9	6.7	6.7
New Haven-Meriden	16.7	16.6	16.4	80.1	81.8	83.6	32.3	31.9	31.9
Stamford	13.8	14.0	14.0	37.2	37.1	37.0	10.9	10.4	10.5
Waterbury	4.8	4.5	4.4	21.0	22.0	21.7	12.8	13.1	13.0
Delaware	31.0	31.9	31.9	82.3	83.3	83.3	48.5	46.7	46.6
Wilmington	27.6	28.9	29.0	73.4	74.4	74.6	38.2	37.2	37.4
District of Columbia	34.1	32.8	32.9	257.5	257.9	280.4	275.3	277.2	275.7
Washington MSA	130.9	128.5	128.5	743.1	745.6	750.1	583.4	585.7	589.4
Florida	369.0	365.4	365.7	1,574.9	1,626.7	1,640.3	842.3	864.9	872.4
Daytona Beach	5.8	5.6	5.7	37.7	37.4	39.5	21.1	21.8	22.5
Fort Lauderdale-Hollywood-Pompano Beach	40.6	40.4	40.0	154.7	158.9	159.1	67.9	70.5	71.6
Fort Myers-Cape Coral	9.3	9.2	9.1	37.1	38.5	39.0	19.8	20.9	21.0
Gainesville	4.5	4.6	4.5	25.5	26.0	26.1	37.6	37.2	38.4
Jacksonville	41.0	42.3	42.1	111.2	113.7	114.3	63.1	64.8	65.3
Lakeland-Winter Haven	9.1	9.0	9.0	38.4	38.6	39.0	22.9	24.0	24.0
Melbourne-Titusville-Palm Bay	5.8	5.6	5.5	52.4	53.4	53.6	23.6	23.7	23.7
Miami-Hialeah	70.8	70.2	70.2	251.9	258.6	257.2	120.9	122.3	122.9
Orlando	32.4	32.1	32.3	195.3	203.0	205.5	65.3	66.2	67.1
Pensacola	5.6	5.6	5.7	33.3	34.9	35.2	31.3	31.1	31.6
Sarasota	8.3	8.3	8.2	38.8	41.6	42.3	14.3	14.0	14.0
Tallahassee	5.2	5.3	5.3	26.9	28.0	28.1	52.0	52.0	53.4
Tampa-St. Petersburg-Clearwater	84.4	84.1	84.1	271.2	283.3	285.4	115.7	116.3	117.4
West Palm Beach-Boca Raton-Delray Beach	29.0	28.3	28.1	117.2	121.5	122.8	46.4	47.8	47.6

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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Georgia	2,950.0	2,966.0	2,940.8	8.6	8.5	8.4	142.8	135.2	133.8
Albany	49.3	51.2	50.7	(⁹)	(⁹)	(⁹)	2.4	2.9	3.0
Athens	68.4	67.7	67.5	.1	.1	.1	2.5	2.6	2.6
Atlanta	1,458.1	1,472.6	1,458.2	1.2	1.1	1.1	66.0	61.0	60.0
Augusta	177.7	182.1	181.1	.5	.8	.6	16.8	18.1	18.2
Columbus	95.4	96.8	95.8	.1	.1	.1	5.2	5.4	5.4
Macon-Warner Robins	125.8	126.3	127.8	.2	.1	.1	5.4	4.9	4.6
Savannah	110.5	114.2	114.1	(⁹)	(⁹)	(⁹)	8.8	11.1	11.3
Hawaii	521.6	533.5	534.7	(⁹)	(⁹)	(⁹)	31.0	32.7	32.3
Honolulu	406.0	412.4	414.3	(⁹)	(⁹)	(⁹)	23.6	24.2	23.9
Idaho	368.2	385.7	385.9	3.6	3.7	3.5	14.2	17.2	17.4
Boise City	101.1	105.7	106.8	(¹)	(¹)	(¹)	5.0	5.1	5.4
Illinois	5,178.7	5,215.0	5,219.3	19.0	19.3	19.2	194.1	195.8	197.9
Aurora-Elgin	145.4	148.5	147.5	(¹)	(¹)	(¹)	7.4	8.3	7.7
Bloomington-Normal	68.2	65.9	66.8	(¹)	(¹)	(¹)	1.5	1.5	1.5
Champaign-Urbana-Rantoul	89.8	88.9	90.9	(¹)	(¹)	(¹)	2.2	2.2	2.2
Chicago	3,154.7	3,160.2	3,166.9	2.0	2.0	2.0	118.8	115.7	116.8
Davenport-Rock Island-Moline	158.6	161.3	161.1	(¹)	(¹)	(¹)	4.4	4.9	4.6
Decatur	52.9	52.7	53.3	(¹)	(¹)	(¹)	2.7	2.8	2.8
Joliet	102.7	104.1	103.8	(¹)	(¹)	(¹)	6.7	7.0	7.0
Kankakee	35.2	36.0	36.2	(¹)	(¹)	(¹)	1.5	1.7	1.7
Lake County	209.9	214.5	214.2	(¹)	(¹)	(¹)	10.3	10.4	10.4
Peoria	148.9	147.4	147.8	(¹)	(¹)	(¹)	6.3	7.2	7.1
Rockford	134.3	136.1	132.7	(¹)	(¹)	(¹)	4.5	5.5	5.4
Springfield	103.3	105.4	105.3	(¹)	(¹)	(¹)	2.8	3.3	3.3
Indiana	2,469.9	2,483.9	2,484.3	7.6	7.4	7.3	101.8	107.9	106.2
Anderson	49.8	49.9	50.0	(¹)	(¹)	(¹)	1.2	1.2	1.1
Bloomington	56.0	56.0	56.9	(¹)	(¹)	(¹)	2.0	2.1	2.1
Elkhart-Goshen	100.2	99.5	99.8	(¹)	(¹)	(¹)	2.9	3.1	3.1
Evansville	131.8	134.3	134.2	2.1	1.9	1.8	6.4	5.9	5.7
Fort Wayne	198.1	200.3	199.3	(¹)	(¹)	(¹)	8.5	9.0	8.8
Gary-Hammond	241.7	245.5	243.8	(¹)	(¹)	(¹)	13.2	14.2	14.0
Indianapolis	656.4	667.5	667.4	.8	.8	.8	33.0	35.7	35.1
Kokomo	45.7	45.2	45.4	(¹)	(¹)	(¹)	1.1	1.2	1.2
Lafayette-West Lafayette	70.8	69.7	71.0	(¹)	(¹)	(¹)	2.5	2.4	2.5
Muncie	53.8	53.9	54.5	(¹)	(¹)	(¹)	1.9	2.1	2.0
South Bend-Mishawaka	116.9	116.9	119.1	(¹)	(¹)	(¹)	5.4	6.4	6.2
Terre Haute	57.3	58.7	58.9	.5	.5	.5	2.1	2.2	2.2
Iowa	1,195.4	1,208.7	1,213.2	1.6	1.7	1.8	34.3	36.6	35.9
Cedar Rapids	92.9	93.6	94.1	(¹)	(¹)	(¹)	3.7	4.4	4.4
Des Moines	226.6	233.2	233.2	(¹)	(¹)	(¹)	7.5	9.2	9.0
Dubuque	43.5	44.3	44.6	(¹)	(¹)	(¹)	1.2	1.5	1.5
Iowa City	55.4	55.9	55.0	(¹)	(¹)	(¹)	1.3	1.4	1.5
Sioux City	54.8	55.0	55.4	(¹)	(¹)	(¹)	1.8	2.2	2.2
Waterloo-Cedar Falls	67.9	70.9	71.4	(¹)	(¹)	(¹)	1.9	2.1	2.1
Kansas	1,070.3	1,073.8	1,062.5	9.6	10.2	10.4	38.1	36.6	37.7
Lawrence	36.7	36.1	37.4	(¹)	(¹)	(¹)	1.3	1.4	1.5
Topeka	91.0	88.7	89.4	(¹)	(¹)	(¹)	3.2	2.8	2.9
Wichita	239.6	243.4	244.4	1.8	2.0	2.0	8.3	9.0	9.4
Kentucky	1,436.0	1,466.9	1,470.4	35.0	35.3	35.2	59.9	63.6	63.2
Lexington-Fayette	196.9	194.2	196.8	.2	.2	.2	9.5	9.6	9.6
Louisville	467.1	479.7	480.1	.5	.5	.5	21.3	22.5	22.1
Owensboro	35.8	36.1	35.9	.4	.5	.4	2.1	2.1	2.0
Louisiana	1,554.4	1,605.2	1,610.0	54.5	55.7	55.9	86.2	93.5	93.6
Alexandria	48.1	46.1	48.3	.1	.1	.1	2.9	2.9	3.0
Baton Rouge	232.0	235.9	239.5	.8	.8	.8	28.1	27.2	27.3
Houma-Thibodaux	55.5	57.6	57.8	5.3	5.6	5.6	1.7	2.0	2.0
Lafayette	93.0	96.5	99.1	11.9	13.3	13.1	3.7	4.3	4.3
Lake Charles	64.3	66.3	67.0	1.3	1.3	1.4	4.6	5.8	6.2
Monroe	58.4	58.0	58.0	.4	.4	.4	2.6	2.6	2.5
New Orleans	526.3	539.6	541.1	13.6	14.0	14.1	21.8	23.5	23.7
Shreveport	130.1	133.2	132.7	3.2	3.1	3.1	5.4	5.7	5.7

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Georgia	560.9	544.6	539.9	193.3	198.7	190.3	727.6	738.3	724.8
Albany	7.9	8.2	8.1	2.8	2.9	2.8	11.8	12.2	11.9
Athens	15.5	14.9	14.9	2.0	1.9	1.6	15.0	15.4	14.9
Atlanta	174.1	168.7	167.8	125.8	130.4	122.8	396.1	401.3	392.3
Augusta	40.4	41.3	41.2	4.7	4.7	4.6	37.6	38.9	37.8
Columbus	20.6	20.2	20.1	3.4	3.1	3.1	20.3	20.0	19.1
Macon-Warner Robins	18.2	18.7	18.6	5.0	5.2	5.2	28.5	29.1	28.6
Savannah	17.1	17.4	17.3	9.2	9.5	9.6	26.7	26.6	26.1
Hawaii	21.2	20.7	20.6	41.3	42.9	42.9	133.9	135.8	135.2
Honolulu	15.9	15.7	15.8	33.5	35.0	34.9	101.1	102.5	102.0
Idaho	61.7	62.8	61.1	19.1	19.9	19.7	92.5	97.5	96.4
Boise City	15.3	16.1	16.1	5.6	5.8	5.8	25.9	26.8	26.5
Illinois	962.4	969.6	969.6	305.4	308.3	308.6	1,231.9	1,254.8	1,243.5
Aurora-Elgin	38.7	38.1	38.1	3.8	3.7	3.6	38.4	40.6	39.5
Bloomington-Normal	7.8	7.7	7.8	3.1	3.0	3.0	14.8	14.8	14.8
Champaign-Urbana-Rantoul	9.8	9.7	9.7	2.3	2.3	2.3	18.8	19.0	18.7
Chicago	560.8	551.8	554.3	205.5	207.6	208.2	750.1	758.9	752.4
Davenport-Rock Island-Moline	32.1	31.9	31.9	7.2	7.3	7.2	45.3	47.1	47.0
Decatur	14.5	14.2	14.2	4.1	4.3	4.3	11.5	11.5	11.5
Joliet	19.8	19.5	19.4	8.5	8.5	8.5	24.0	24.6	24.1
Kankakee	5.6	5.8	5.8	2.1	2.1	2.1	8.7	8.8	8.8
Lake County	47.8	48.5	48.1	5.9	5.8	5.8	58.0	58.6	57.9
Peoria	34.2	33.2	33.1	7.0	7.1	7.1	34.4	35.0	34.4
Rockford	48.2	47.9	44.3	4.9	4.9	4.9	28.7	29.5	29.5
Springfield	4.4	4.3	4.4	4.8	4.8	4.8	22.6	23.3	22.8
Indiana	631.2	618.5	614.6	129.9	130.5	131.0	584.7	592.8	567.8
Anderson	16.8	15.9	15.9	1.2	1.2	1.2	11.4	11.9	11.7
Bloomington	9.5	9.2	9.1	1.6	1.7	1.7	12.4	12.9	13.0
Elkhart-Goshen	51.1	49.0	49.4	3.3	3.3	3.3	18.5	18.4	18.2
Evansville	30.0	30.1	29.9	7.0	6.9	6.9	34.5	35.8	35.3
Fort Wayne	50.4	48.2	48.1	13.2	13.7	13.7	51.0	51.4	50.6
Gary-Hammond	56.8	56.7	55.1	18.6	18.3	18.4	57.2	58.4	57.9
Indianapolis	110.3	108.8	108.3	42.4	42.7	42.8	167.1	172.2	170.8
Kokomo	18.7	17.4	17.5	1.4	1.3	1.3	10.0	10.3	10.1
Lafayette-West Lafayette	13.6	13.8	13.7	1.9	2.0	2.0	14.4	14.6	14.5
Muncie	11.1	10.9	10.8	2.6	2.7	2.7	12.5	12.7	12.8
South Bend-Mishawaka	21.8	21.3	21.1	5.8	5.7	5.6	30.2	30.6	30.4
Terre Haute	10.4	10.9	10.7	2.8	2.7	2.7	15.5	16.1	16.0
Iowa	234.4	231.8	231.2	55.3	55.1	54.9	297.5	303.3	301.4
Cedar Rapids	22.7	21.5	21.4	6.0	6.0	6.0	21.7	22.4	22.4
Des Moines	26.2	26.3	26.4	13.0	12.2	12.1	56.3	59.5	58.5
Dubuque	12.1	12.0	12.1	1.6	1.7	1.7	10.1	10.3	10.4
Iowa City	4.5	4.4	4.4	1.4	1.4	1.4	10.6	10.7	10.8
Sioux City	11.2	10.5	10.9	3.1	3.2	3.2	14.0	14.0	14.0
Waterloo-Cedar Falls	15.3	16.9	16.8	1.8	1.8	1.8	16.3	16.8	16.7
Kansas	184.7	182.3	182.8	65.7	68.0	67.5	261.8	264.8	263.4
Lawrence	4.8	4.8	4.7	1.0	.9	1.0	8.1	8.0	7.9
Topeka	9.3	9.5	9.6	7.2	6.7	6.7	20.0	18.9	18.7
Wichita	64.2	64.7	64.5	11.8	11.4	11.3	55.7	57.0	56.9
Kentucky	284.8	281.4	280.8	77.8	80.1	80.2	339.1	350.3	347.8
Lexington-Fayette	34.3	32.3	32.1	8.9	9.1	9.0	43.3	44.8	44.3
Louisville	88.9	87.6	88.5	30.0	30.4	30.7	115.5	121.4	120.2
Owensboro	6.5	6.5	6.4	2.1	2.3	2.3	9.3	9.4	9.2
Louisiana	179.0	184.1	184.0	109.4	110.5	110.2	360.1	374.3	371.8
Alexandria	3.5	3.2	3.2	2.3	2.3	2.3	10.4	10.4	10.3
Baton Rouge	21.9	23.2	23.4	10.8	11.3	11.4	51.8	54.1	54.0
Houma-Thibodaux	4.9	5.7	5.5	6.8	6.5	6.5	13.9	14.5	14.5
Lafayette	8.9	9.1	9.1	6.8	7.3	7.4	24.1	25.7	25.7
Lake Charles	12.0	11.5	11.4	4.2	4.2	4.4	15.1	15.2	15.1
Monroe	7.7	7.7	7.7	3.2	3.0	3.0	14.5	15.2	14.9
New Orleans	43.4	45.0	45.4	43.5	43.6	43.5	131.8	133.5	133.1
Shreveport	17.5	17.7	17.7	8.1	8.0	8.1	31.1	32.6	32.3

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	Finance, insurance, and real estate			Services			Government		
	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Georgia	161.9	162.7	162.1	625.3	638.7	641.0	529.6	539.0	540.5
Albany	2.1	2.2	2.1	8.8	9.1	9.0	13.5	13.6	13.7
Athens	2.1	2.1	2.1	10.9	10.7	10.7	20.4	20.1	20.4
Atlanta	107.6	108.4	107.9	368.2	374.1	377.5	219.1	227.6	228.8
Augusta	8.0	5.9	6.0	35.9	36.3	36.1	35.9	36.5	36.6
Columbus	6.1	8.2	6.3	18.6	20.2	20.2	21.2	21.3	21.5
Macon-Warner Robins	7.5	8.0	8.1	25.4	26.8	27.2	35.4	35.5	35.3
Savannah	4.7	5.1	5.1	26.7	27.8	27.7	17.2	18.8	18.9
Hawaii	35.9	37.3	37.4	153.4	157.8	157.6	104.9	106.3	108.7
Honolulu	29.0	29.9	29.9	115.1	116.9	117.5	87.8	88.2	90.5
Idaho	19.2	19.9	19.8	78.0	82.5	83.0	79.9	82.2	85.0
Boise City	7.9	8.3	8.2	22.4	23.6	24.0	19.0	20.0	20.6
Illinois	373.9	372.9	372.5	1,307.0	1,335.4	1,339.4	763.0	758.7	768.4
Aurora-Elgin	8.2	8.3	8.4	32.9	33.6	33.7	16.2	15.9	16.5
Bloomington-Normal	11.1	11.3	11.3	14.0	14.3	14.3	13.9	13.3	14.1
Champaign-Urbana-Rantoul	3.1	3.3	3.3	17.9	18.2	18.3	35.7	34.2	36.4
Chicago	267.0	265.6	265.2	873.9	885.3	889.2	376.8	373.3	378.8
Davenport-Rock Island-Moline	7.5	7.8	7.8	35.9	36.6	36.7	26.4	25.7	25.9
Decatur	2.3	2.3	2.3	12.1	12.1	12.3	5.7	5.5	5.9
Joliet	3.6	3.8	3.7	23.0	23.4	23.5	17.3	17.3	17.6
Kankakee	1.8	1.8	1.8	8.9	9.3	9.4	6.6	6.5	6.6
Lake County	13.2	13.3	13.3	46.0	46.6	47.0	30.9	31.3	31.7
Peoria	7.5	7.6	7.6	40.8	41.1	41.7	16.7	16.2	16.8
Rockford	5.5	5.6	5.5	30.1	30.5	30.7	12.4	12.2	12.4
Springfield	8.0	8.2	8.2	26.7	27.0	26.9	34.0	34.5	34.9
Indiana	120.8	122.2	122.5	513.1	529.8	531.9	380.7	374.8	383.4
Anderson	1.6	1.5	1.6	10.9	11.5	11.6	6.6	6.7	7.0
Bloomington	1.9	1.8	1.8	9.9	10.2	10.4	18.7	18.1	18.8
Elkhart-Goshen	2.9	2.8	2.8	15.3	16.5	16.5	6.2	6.4	6.5
Evansville	5.3	5.4	5.4	33.4	34.9	35.2	13.1	13.4	13.9
Fort Wayne	12.9	12.9	12.8	42.9	45.8	45.7	19.2	19.3	19.6
Gary-Hammond	8.3	8.5	8.4	55.9	58.5	58.6	33.7	33.1	33.5
Indianapolis	49.0	50.9	51.1	155.2	156.7	157.7	98.6	99.8	100.7
Kokomo	1.4	1.3	1.3	7.1	7.4	7.5	6.0	6.4	6.5
Lafayette-West Lafayette	3.1	3.0	3.0	12.8	12.8	12.9	22.4	21.1	22.3
Muncie	1.7	1.7	1.7	11.4	12.1	12.2	12.5	11.7	12.6
South Bend-Mishawaka	6.3	6.3	6.2	35.9	36.8	37.4	11.9	11.6	12.1
Terre Haute	2.0	2.1	2.1	12.7	12.6	12.8	11.4	11.6	12.0
Iowa	67.9	70.1	69.9	282.6	289.1	291.7	221.8	221.0	226.4
Cedar Rapids	4.9	4.8	4.8	23.4	23.2	23.3	10.5	11.3	11.8
Des Moines	31.1	32.2	32.3	58.4	61.7	61.7	32.1	32.1	33.2
Dubuque	1.5	1.8	1.5	13.5	13.4	13.5	3.5	3.8	4.1
Iowa City	1.4	1.4	1.4	9.6	9.7	9.9	26.6	26.9	25.6
Sioux City	2.5	2.6	2.5	15.6	16.2	16.2	8.6	6.3	6.4
Waterloo-Cedar Falls	2.9	3.1	3.2	16.2	16.7	16.9	13.5	13.5	13.9
Kansas	57.5	57.9	57.8	236.7	243.2	244.8	218.2	211.0	218.1
Lawrence	1.6	1.5	1.5	7.5	7.8	8.1	12.4	11.9	12.7
Topeka	6.5	6.3	6.4	22.5	22.8	22.7	22.3	21.7	22.4
Wichita	10.9	11.3	11.3	57.8	58.9	59.1	29.3	29.1	29.9
Kentucky	60.5	60.7	60.9	316.7	331.6	333.4	262.2	263.9	269.1
Lexington-Fayette	9.4	9.5	9.5	47.9	48.5	48.5	43.4	40.2	43.6
Louisville	27.5	27.8	27.9	120.0	124.4	125.3	63.4	65.1	64.9
Owensboro	1.5	1.5	1.5	8.2	8.3	8.4	5.5	5.5	5.7
Louisiana	78.6	78.7	78.7	363.1	378.4	379.5	323.5	330.0	336.3
Alexandria	2.1	2.0	2.0	11.9	12.3	12.3	12.9	12.9	13.1
Baton Rouge	12.8	13.0	13.0	51.8	54.4	54.6	54.2	51.9	55.0
Houma-Thibodaux	2.1	2.1	2.1	10.2	10.8	10.7	10.8	10.6	10.9
Lafayette	3.3	3.3	3.3	20.9	22.2	22.4	13.4	13.3	13.8
Lake Charles	2.6	2.6	2.6	13.7	14.5	14.7	10.8	11.2	11.2
Monroe	4.4	4.3	4.4	13.0	13.2	13.4	12.6	11.6	11.7
New Orleans	31.7	31.3	31.4	152.0	158.2	159.5	88.5	90.5	90.4
Shreveport	6.3	6.3	6.3	32.0	33.0	32.8	26.5	26.8	26.7

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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Maine	522.7	516.5	509.0	0.1	0.1	0.1	25.8	23.7	21.7
Lewiston-Auburn	39.4	38.5	38.0	(⁹)	(⁹)	(⁹)	1.8	1.7	1.6
Portland	128.2	125.1	123.8	(⁹)	(⁹)	(⁹)	8.6	5.0	4.8
Maryland	2,135.5	2,122.8	2,131.0	1.9	2.0	2.0	152.0	145.5	145.1
Baltimore MSA	1,139.3	1,131.4	1,133.8	.5	.5	.5	70.8	68.0	67.2
Baltimore City	466.5	460.0	461.4	(¹)	(¹)	(¹)	17.8	17.0	18.6
Suburban Maryland-D.C.	765.9	765.8	769.9	(¹)	(¹)	(¹)	66.0	62.8	62.5
Massachusetts	2,978.2	2,847.2	2,842.2	1.3	1.2	1.1	95.3	78.2	71.4
Boston	1,678.7	1,600.9	1,601.4	.6	.5	.5	49.6	42.2	39.9
Brockton	70.7	68.3	67.3	(⁹)	(⁹)	(⁹)	2.4	1.8	1.8
Fall River	53.2	51.1	51.0	(⁹)	(⁹)	(⁹)	1.7	1.2	1.2
Fitchburg-Leominster	39.2	36.7	36.4	(⁹)	(⁹)	(⁹)	1.4	1.1	1.0
Lawrence-Haverhill	154.5	147.9	147.3	(⁹)	(⁹)	(⁹)	5.5	4.4	4.2
Lowell	100.9	96.8	96.3	(¹)	(¹)	(¹)	3.5	2.8	2.8
New Bedford	63.7	62.2	61.5	(⁹)	(⁹)	(⁹)	2.0	1.6	1.6
Pittsfield	42.0	40.8	40.5	.1	.1	.1	2.1	1.5	1.4
Springfield	233.9	228.5	227.8	.1	.1	.1	6.8	6.4	6.0
Worcester	194.9	183.6	181.7	.1	.2	.2	6.4	5.3	5.0
Michigan	3,898.8	3,851.2	3,832.5	9.8	9.4	9.4	123.7	119.1	111.9
Ann Arbor	178.7	177.9	181.9	(¹)	(¹)	(¹)	4.1	3.8	3.8
Battle Creek	59.6	59.7	59.9	(¹)	(¹)	(¹)	1.8	1.8	1.8
Benton Harbor	65.7	65.6	65.5	(¹)	(¹)	(¹)	1.6	1.8	1.7
Detroit	1,913.5	1,884.9	1,869.6	1.0	1.0	1.0	57.3	55.2	52.6
Flint	169.4	172.0	168.0	(¹)	(¹)	(¹)	4.5	4.6	4.3
Grand Rapids	352.2	353.4	354.3	(¹)	(¹)	(¹)	15.3	14.4	13.7
Jackson	54.1	53.5	52.6	(¹)	(¹)	(¹)	1.9	1.9	1.7
Kalamazoo	113.9	114.5	115.1	(¹)	(¹)	(¹)	3.6	3.6	3.5
Lansing-East Lansing	213.7	213.2	218.5	(¹)	(¹)	(¹)	5.8	5.5	5.5
Muskegon	58.5	58.4	58.2	(¹)	(¹)	(¹)	2.2	2.1	2.1
Saginaw-Bay City-Midland	158.8	163.5	162.4	(¹)	(¹)	(¹)	7.2	7.5	6.5
Minnesota	2,077.4	2,086.3	2,082.8	7.2	7.2	7.2	64.3	62.2	60.4
Duluth	94.4	97.4	97.4	5.2	5.3	5.2	2.8	3.0	3.1
Minneapolis-St. Paul	1,346.5	1,347.1	1,343.9	(⁹)	(⁹)	(⁹)	42.2	40.3	39.6
Rochester	63.3	68.4	66.4	(¹)	(¹)	(¹)	1.8	2.0	2.0
St. Cloud	77.4	78.4	78.5	(¹)	(¹)	(¹)	2.8	2.5	2.4
Mississippi	919.7	832.9	931.8	8.1	6.0	6.0	34.1	33.3	33.5
Jackson	183.4	184.8	185.1	.6	.6	.6	7.0	7.0	6.9
Missouri	2,301.6	2,288.1	2,291.5	4.9	4.5	4.6	90.3	87.7	89.4
Kansas City	769.2	772.9	775.1	(¹)	(¹)	(¹)	29.7	30.6	31.0
St. Louis	1,167.2	1,159.4	1,161.5	(¹)	(¹)	(¹)	53.9	45.9	48.5
Springfield	119.6	121.7	122.4	(¹)	(¹)	(¹)	4.4	4.4	4.5
Montana	284.2	291.8	291.0	5.9	6.0	5.8	7.5	7.6	7.5
Nebraska	709.6	736.6	743.8	1.3	1.4	1.5	22.5	25.1	25.8
Lincoln	119.8	121.5	124.0	(¹)	(¹)	(¹)	3.8	3.4	3.8
Omaha	320.8	334.9	336.1	(¹)	(¹)	(¹)	10.8	11.9	12.1
Nevada	598.2	629.2	629.3	13.8	14.5	14.2	44.8	46.6	46.0
Las Vegas	360.9	385.6	385.3	.2	.3	.3	33.6	34.5	33.7
Reno	139.8	143.0	143.1	1.4	1.5	1.5	6.6	6.8	6.9
New Hampshire	505.7	487.4	486.0	.4	.3	.3	21.3	16.4	14.9
Manchester	82.1	79.6	78.3	(¹)	(¹)	(¹)	3.4	2.3	2.1
Nashua	89.2	84.8	85.0	(¹)	(¹)	(¹)	3.1	2.1	1.8
Portsmouth-Dover-Rochester	108.6	106.4	107.6	(¹)	(¹)	(¹)	3.5	2.7	2.5
New Jersey	3,620.2	3,570.2	3,567.7	2.2	2.2	2.2	141.9	125.0	123.6
Atlantic City	163.4	163.0	162.9	(¹)	(¹)	(¹)	8.9	6.6	6.5
Bergen-Passaic	650.9	634.8	630.2	(¹)	(¹)	(¹)	28.6	22.4	21.9
Camden	446.2	443.2	442.0	(¹)	(¹)	(¹)	22.3	20.6	20.4
Jersey City	244.6	237.8	237.4	(¹)	(¹)	(¹)	6.2	5.5	5.4
Middlesex-Somerset-Hunterdon	541.1	538.9	538.9	.6	.5	.5	21.0	19.8	19.8
Monmouth-Ocean	323.3	319.6	318.6	(¹)	(¹)	(¹)	18.3	13.0	12.7
Newark	936.9	921.1	922.9	.7	.7	.7	32.7	31.2	30.8
Trenton	198.8	195.5	194.5	(¹)	(¹)	(¹)	4.6	4.0	4.0
Vineland-Millville-Bridgeton	58.7	58.1	58.1	.4	.4	.3	2.0	1.7	1.7

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Maine	102.3	98.1	98.4	21.7	21.5	21.2	127.6	127.2	121.9
Lewiston-Auburn	8.9	8.1	7.9	1.3	1.3	1.3	10.0	10.1	9.9
Portland	17.2	16.0	16.2	6.1	6.6	6.6	37.3	37.9	35.9
Maryland	207.2	201.6	200.3	99.0	99.8	99.7	517.5	518.7	514.1
Baltimore MSA	130.6	127.5	126.2	54.9	55.0	55.0	265.2	263.4	266.3
Baltimore City	44.2	44.0	43.4	27.7	27.7	27.6	86.1	84.6	84.1
Suburban Maryland-D.C.	37.3	35.8	36.1	31.8	33.3	33.4	193.7	197.2	195.6
Massachusetts	530.7	501.5	498.5	129.7	124.4	123.0	692.7	666.8	652.6
Boston	245.0	230.6	228.8	74.4	72.6	72.4	370.6	354.6	348.1
Brockton	9.3	8.7	6.6	4.6	4.4	4.3	22.6	22.3	21.4
Fall River	14.2	13.7	13.7	2.0	1.9	1.9	13.9	13.1	12.9
Fitchburg-Loominster	11.4	10.7	10.6	1.5	1.3	1.3	10.3	9.3	9.2
Lawrence-Haverhill	44.7	42.1	42.1	6.5	6.1	5.9	34.9	34.8	34.1
Lowell	31.8	30.3	30.0	5.2	5.1	5.1	22.5	21.6	21.3
New Bedford	18.7	15.4	15.2	2.7	2.7	2.6	15.9	15.9	15.7
Pittsfield	9.8	8.9	8.9	1.3	1.2	1.2	9.6	9.6	9.4
Springfield	46.8	44.9	44.3	10.2	10.0	10.2	53.8	51.6	51.3
Worcester	41.1	38.7	38.0	9.5	6.7	8.6	47.6	43.9	42.7
Michigan	939.4	895.3	880.2	153.2	151.4	151.2	915.9	930.7	911.7
Ann Arbor	39.2	37.0	36.7	5.1	5.6	5.7	31.4	31.5	31.4
Battle Creek	16.0	15.3	15.2	1.6	1.5	1.5	12.6	12.9	12.7
Benton Harbor	21.7	21.2	20.8	2.6	2.7	2.6	13.4	13.5	13.3
Detroit	446.0	417.2	410.7	87.4	86.4	86.7	464.6	465.2	454.4
Flint	52.8	51.6	47.8	4.3	4.4	4.4	43.0	43.8	43.0
Grand Rapids	100.8	100.5	99.6	12.3	12.0	12.0	93.2	95.5	94.9
Jackson	12.9	12.4	11.5	3.8	3.8	3.6	12.9	13.2	13.1
Kalamazoo	29.4	28.7	28.4	3.3	3.4	3.4	25.7	26.4	25.9
Lansing-East Lansing	26.2	28.7	31.5	5.6	5.7	5.7	47.1	46.9	46.8
Muskegon	16.6	16.4	16.4	2.2	2.2	2.2	13.8	14.0	13.7
Saginaw-Bay City-Midland	43.2	43.1	42.6	6.2	6.3	6.3	38.1	41.1	40.2
Minnesota	393.4	388.3	382.4	106.5	107.4	106.6	500.0	503.9	498.4
Duluth	8.2	8.5	8.5	5.5	6.0	5.6	23.4	24.3	23.9
Minneapolis-St. Paul	260.6	254.4	249.6	75.8	75.4	74.9	321.5	320.9	317.1
Rochester	11.7	11.8	11.8	1.9	1.9	1.9	12.6	13.4	13.2
St. Cloud	13.8	14.4	14.5	3.7	3.9	3.9	23.2	23.3	22.9
Mississippi	242.0	243.1	240.4	44.1	44.3	44.6	193.0	198.1	197.5
Jackson	21.3	20.5	20.4	12.5	12.5	12.7	43.0	43.9	43.6
Missouri	438.8	419.6	415.0	151.3	153.4	152.4	544.0	545.2	539.4
Kansas City	106.9	103.9	103.5	82.0	82.9	82.5	196.5	196.0	196.1
St. Louis	224.7	213.8	211.0	77.2	77.9	77.2	275.7	278.7	274.8
Springfield	21.7	21.5	21.4	7.6	7.5	7.4	33.1	34.6	34.5
Montana	21.2	22.3	21.8	19.6	19.9	20.0	74.5	77.0	76.0
Nebraska	96.5	100.5	100.6	45.6	45.8	45.8	181.0	187.3	186.5
Lincoln	14.7	15.2	15.1	6.7	6.9	6.9	26.3	26.5	26.6
Omaha	36.0	37.8	37.7	23.8	23.6	23.5	79.5	82.9	82.1
Nevada	25.4	26.8	26.8	31.1	33.3	33.3	119.8	128.2	127.5
Las Vegas	10.3	10.6	10.6	18.3	20.2	20.1	73.6	77.7	77.7
Reno	8.6	8.9	8.9	9.6	9.8	9.8	32.0	34.2	33.9
New Hampshire	107.5	101.1	100.2	17.7	17.0	16.9	127.5	121.3	119.0
Manchester	11.5	11.0	10.8	4.6	4.7	4.7	21.9	20.8	20.2
Nashua	31.5	29.7	29.5	2.4	2.2	2.1	22.0	20.3	19.7
Portsmouth-Dover-Rochester	20.9	20.0	20.1	3.0	2.8	2.9	26.4	27.1	26.5
New Jersey	608.1	599.1	567.8	235.8	234.3	233.3	860.5	863.0	850.8
Atlantic City	8.0	7.0	6.9	6.9	7.0	7.0	32.0	32.8	32.4
Bergen-Passaic	138.4	129.1	128.4	30.2	30.1	29.8	184.9	182.9	180.5
Camden	68.5	64.8	64.1	19.4	19.1	19.2	120.1	120.6	118.4
Jersey City	36.6	34.6	34.7	31.0	28.6	28.5	62.4	61.3	60.9
Middlesex-Somerset-Hunterdon	106.9	103.4	103.2	42.5	42.2	42.3	133.0	131.8	129.3
Monmouth-Ocean	26.7	24.4	23.7	14.6	15.2	15.1	85.3	87.9	86.8
Newark	160.3	151.1	151.5	77.2	76.7	76.4	187.4	184.2	182.6
Trenton	27.6	25.5	25.1	7.1	7.1	7.2	31.2	31.6	30.8
Vineland-Millville-Bridgeton	15.3	14.5	14.7	2.3	2.4	2.4	11.2	10.9	10.7

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	Finance, insurance, and real estate			Services			Government		
	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Maine	25.0	24.9	24.8	122.8	125.7	126.1	97.4	95.3	96.8
Lewiston-Auburn	2.3	2.3	2.2	10.7	10.6	10.6	4.4	4.4	4.3
Portland	12.0	12.3	12.4	33.0	31.7	31.6	16.0	15.6	16.1
Maryland	130.5	130.9	131.2	607.4	609.0	614.4	420.0	415.3	424.2
Baltimore MSA	78.1	75.5	75.5	323.3	326.9	330.4	217.9	214.6	218.7
Baltimore City	45.1	44.6	44.6	153.5	151.5	153.9	92.1	90.6	91.2
Suburban Maryland-D.C.	46.1	46.1	46.1	231.4	230.3	232.1	159.6	160.3	164.1
Massachusetts	214.4	210.6	210.2	910.0	880.3	897.0	404.1	386.2	390.4
Boston	147.3	140.7	140.4	587.7	563.4	574.7	203.3	195.9	196.8
Brockton	3.3	3.1	3.1	16.0	16.4	16.4	12.3	11.6	11.7
Fall River	3.5	3.2	3.2	10.8	11.2	11.1	7.1	6.8	7.0
Fitchburg-Leominster	1.4	1.4	1.4	8.4	6.4	8.4	4.8	4.5	4.5
Lawrence-Haverhill	5.9	5.7	5.7	35.5	34.7	34.8	21.5	20.1	20.5
Lowell	3.6	3.3	3.3	20.7	20.4	20.4	13.6	13.3	13.4
New Bedford	2.4	2.4	2.4	14.3	14.7	14.5	9.7	9.5	9.5
Pittsfield	2.0	1.9	1.9	12.2	12.7	12.7	4.9	4.9	4.9
Springfield	15.5	15.1	15.0	61.7	62.4	63.0	39.0	38.0	37.9
Worcester	14.0	14.0	13.9	51.9	49.2	49.5	24.3	23.6	23.8
Michigan	188.5	191.2	191.2	920.2	928.5	930.9	646.3	625.6	646.0
Ann Arbor	4.9	4.8	4.8	38.3	40.4	40.4	55.9	54.7	59.2
Battle Creek	3.2	3.5	3.5	12.4	13.3	13.3	11.9	11.4	11.9
Benton Harbor	2.5	2.6	2.6	15.0	15.2	15.5	9.0	8.7	9.0
Detroit	111.2	113.2	113.6	507.1	513.3	513.1	239.0	233.2	237.6
Flint	6.1	6.7	6.5	35.8	37.5	37.9	23.4	23.4	24.3
Grand Rapids	15.8	16.2	16.2	79.8	80.1	82.2	35.0	34.7	35.8
Jackson	1.7	1.7	1.7	10.4	10.7	10.7	10.4	9.8	10.0
Kalamazoo	5.3	5.4	5.5	27.7	28.7	28.9	19.1	18.4	19.5
Lansing-East Lansing	12.5	13.0	13.0	42.6	43.9	43.9	71.9	69.5	72.3
Muskegon	1.5	1.5	1.5	12.3	12.5	12.5	9.8	9.6	9.7
Saginaw-Bay City-Midland	5.9	6.5	6.5	36.8	38.4	38.7	21.4	20.6	21.3
Minnesota	123.5	123.9	123.9	539.0	549.1	552.7	343.5	344.3	351.0
Duluth	3.2	3.2	3.3	23.9	25.0	25.0	22.2	22.1	22.6
Minneapolis-St. Paul	96.5	98.4	96.5	361.6	370.2	372.9	187.9	169.1	192.9
Rochester	1.8	1.8	1.8	26.8	26.6	26.8	6.7	6.9	7.1
St. Cloud	2.4	2.5	2.5	17.5	18.1	18.4	14.0	13.7	13.9
Mississippi	38.6	38.8	36.7	158.4	181.1	162.0	205.4	208.4	209.2
Jackson	14.4	14.2	14.2	42.3	43.8	43.9	42.3	42.4	42.6
Missouri	136.7	137.7	138.2	561.2	568.1	573.2	374.4	369.9	379.3
Kansas City	59.0	59.3	59.2	191.4	196.5	197.9	121.7	121.7	124.9
St. Louis	75.8	75.6	75.9	315.1	323.7	326.6	144.8	143.8	147.5
Springfield	5.2	5.3	5.3	32.1	33.1	33.4	15.5	15.3	15.9
Montana	12.9	13.3	13.3	71.6	75.0	75.4	71.0	70.7	71.2
Nebraska	48.1	49.1	49.1	172.0	182.9	186.1	142.6	144.5	148.2
Lincoln	8.5	8.5	8.5	27.5	28.3	28.9	32.3	32.7	34.2
Omaha	28.7	29.2	29.1	94.7	101.2	102.8	47.3	48.3	48.8
Nevada	27.2	28.6	28.6	261.5	271.9	271.2	74.6	79.3	81.7
Las Vegas	17.7	18.8	18.9	169.2	182.3	161.5	36.0	41.2	42.5
Reno	6.9	7.3	7.2	56.3	55.9	55.5	16.4	18.6	19.4
New Hampshire	31.4	30.9	30.5	126.0	127.0	127.9	73.9	73.4	76.3
Manchester	8.5	8.5	8.4	23.4	23.3	23.2	8.8	9.0	8.9
Nashua	3.4	3.4	3.4	19.1	19.0	20.4	7.7	8.1	8.1
Portsmouth-Dover-Rochester	7.0	7.0	7.0	21.9	21.6	21.7	25.9	25.2	26.9
New Jersey	240.4	234.6	234.0	960.1	974.4	981.3	571.2	567.6	574.9
Atlantic City	8.6	6.5	6.4	73.6	78.2	78.2	27.4	28.9	27.5
Bergen-Passaic	38.3	38.5	36.2	162.5	163.9	164.3	70.0	69.9	69.1
Camden	24.7	24.1	24.2	114.0	116.0	116.8	77.2	77.8	78.9
Jersey City	16.5	16.3	16.1	49.3	50.6	50.5	40.8	40.9	41.3
Middlesex-Somerset-Hunterdon	42.3	41.7	41.7	118.4	123.5	124.3	74.4	76.2	78.8
Monmouth-Ocean	19.7	18.8	18.4	95.8	95.5	97.0	64.9	64.8	64.9
Newark	78.2	73.5	73.2	265.4	269.8	270.5	137.0	134.1	137.2
Trenton	11.1	11.1	11.1	60.5	60.1	60.7	58.7	58.1	55.6
Vineland-Milville-Bridgeton	4.2	4.4	4.4	10.7	11.0	11.1	12.8	12.8	12.8

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	Total			Mining			Construction		
	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
New Mexico	565.8	569.2	573.7	15.3	15.8	15.8	27.7	27.8	28.0
Albuquerque	242.2	242.8	244.3	(¹)	(¹)	(¹)	12.9	11.8	11.9
Las Cruces	44.1	44.2	44.8	(¹)	(¹)	(¹)	2.1	2.0	2.0
Santa Fe	58.5	59.8	60.7	(¹)	(¹)	(¹)	2.9	2.9	2.9
New York	8,125.9	7,981.9	7,992.2	4.7	4.4	4.3	291.9	262.0	252.5
Albany-Schenectady-Troy	426.8	430.4	430.6	.3	.2	.2	16.9	16.2	15.6
Binghamton	118.4	116.3	116.2	(¹)	(¹)	(¹)	4.3	4.1	3.8
Buffalo	454.8	453.4	454.5	(¹)	(¹)	(¹)	15.6	15.8	15.5
Elmira	41.2	39.8	39.6	(¹)	(¹)	(¹)	1.3	1.3	1.2
Glens Falls	45.9	44.9	44.7	(¹)	(¹)	(¹)	1.9	1.8	1.7
Nassau-Suffolk	1,108.2	1,087.9	1,086.3	(¹)	(¹)	(¹)	50.5	45.9	45.9
New York PMSA	4,079.6	3,996.2	3,996.8	(¹)	(¹)	(¹)	139.3	123.4	119.1
New York City	3,560.6	3,485.9	3,488.3	.3	.2	.2	112.4	100.3	97.2
Niagara Falls	83.0	83.2	83.5	(¹)	(¹)	(¹)	3.2	3.3	3.2
Orange County	105.2	103.0	102.8	(¹)	(¹)	(¹)	4.1	3.4	3.3
Poughkeepsie	120.3	118.4	118.4	(¹)	(¹)	(¹)	5.9	4.9	4.9
Rochester	483.1	482.2	485.2	.6	.6	.6	16.4	16.8	16.1
Rockland County	99.6	99.3	99.2	(¹)	(¹)	(¹)	4.1	3.6	3.5
Syracuse	311.6	312.4	313.1	(¹)	(¹)	(¹)	13.4	12.6	12.0
Utica-Rome	124.9	123.4	123.8	(¹)	(¹)	(¹)	3.1	2.9	2.8
Westchester County	401.2	392.3	390.8	(¹)	(¹)	(¹)	21.1	18.0	16.9
North Carolina	3,086.8	3,095.4	3,092.9	5.1	5.2	5.0	159.9	157.0	156.6
Asheville	85.3	86.2	85.9	(¹)	(¹)	(¹)	4.4	4.4	4.4
Charlotte-Gastonia-Rock Hill	621.5	625.6	626.6	(¹)	(¹)	(¹)	35.9	36.7	36.8
Greensboro-Winston-Salem-High Point	495.4	493.0	492.1	(¹)	(¹)	(¹)	24.4	23.5	23.0
Raleigh-Durham	429.4	427.4	431.3	(¹)	(¹)	(¹)	21.9	21.4	21.7
North Dakota	257.6	263.2	263.6	4.0	4.1	4.0	7.1	7.7	7.4
Bismarck	38.5	40.1	40.3	(¹)	(¹)	(¹)	1.3	1.6	1.6
Fargo-Moorhead	75.3	78.3	78.5	(¹)	(¹)	(¹)	2.8	2.8	2.7
Grand Forks	31.0	31.6	31.8	(¹)	(¹)	(¹)	.9	.9	.9
Ohio	4,770.5	4,814.5	4,608.5	17.0	16.7	18.5	170.7	172.2	169.0
Akron	278.8	279.7	281.9	.6	.6	.6	8.9	8.8	8.6
Canton	161.4	163.8	162.6	.7	.8	.8	6.5	6.4	6.2
Cincinnati	724.7	737.3	737.4	.4	.3	.3	31.5	30.1	29.7
Cleveland	927.7	932.4	926.4	.8	.8	.8	30.1	29.7	29.4
Columbus	704.3	717.4	716.9	.8	.9	.9	26.2	25.6	25.4
Dayton-Springfield	445.2	445.6	444.5	.4	.3	.4	14.9	13.6	13.3
Toledo	286.0	281.7	279.8	.2	.2	.2	10.5	10.0	9.7
Youngstown-Warren	194.4	192.7	193.5	.4	.4	.3	6.9	6.7	6.4
Oklahoma	1,173.9	1,160.5	1,191.5	42.0	44.0	43.8	36.3	33.6	34.2
Enid	21.5	21.3	21.5	.9	.9	.9	.6	.5	.6
Lawton	35.1	35.0	35.4	.3	.3	.3	.9	.9	1.0
Oklahoma City	424.0	419.8	427.6	10.5	9.7	10.0	11.5	11.1	10.9
Tulsa	311.9	318.4	316.5	12.0	12.1	12.3	11.1	11.0	11.4
Oregon	1,209.3	1,235.8	1,239.2	1.3	1.5	1.5	44.8	48.4	49.2
Eugene-Springfield	116.0	116.1	116.3	.1	.2	.2	3.4	3.6	3.5
Portland	618.7	635.7	638.2	.4	.5	.5	26.5	27.0	27.4
Salem	103.5	105.7	106.6	.1	.1	.1	3.9	4.1	4.1
Pennsylvania	5,106.9	5,104.8	5,104.2	26.6	26.2	25.9	203.2	202.5	197.8
Allentown-Bethlehem	282.2	286.1	288.1	.5	.5	.4	11.5	11.4	11.2
Altoona	53.0	53.4	53.1	(¹)	(¹)	(¹)	2.2	2.1	2.1
Beaver County	49.5	49.8	49.8	(¹)	(¹)	(¹)	2.1	2.2	2.2
Erie	117.4	120.6	119.4	(¹)	(¹)	(¹)	3.1	3.4	3.2
Harrisburg-Lebanon-Carlisle	310.0	313.6	310.2	.4	.4	.4	13.1	13.1	12.7
Johnstown	81.0	82.5	82.0	2.8	2.6	2.5	2.7	2.8	2.8
Lancaster	190.9	188.3	189.5	.4	.4	.4	11.7	11.4	11.1
Philadelphia PMSA	2,194.1	2,195.1	2,193.0	1.0	.9	1.0	91.5	90.3	88.2
Philadelphia City	752.0	733.5	737.2	(¹)	(¹)	(¹)	15.3	13.6	13.2
Pittsburgh	897.0	909.2	906.3	4.4	3.9	3.9	37.3	38.7	38.4

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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
New Mexico	42.0	42.6	42.5	29.0	28.7	28.8	132.8	135.5	134.4
Albuquerque	21.0	20.6	20.5	12.6	12.8	12.8	59.8	60.3	59.7
Las Cruces	3.4	3.7	3.5	1.7	1.6	1.6	9.0	9.2	9.2
Santa Fe	1.8	1.9	1.9	1.0	1.0	1.0	11.1	11.8	11.5
New York	1,139.1	1,080.3	1,078.9	422.3	427.0	425.1	1,682.8	1,629.3	1,612.2
Albany-Schenectady-Troy	45.3	46.0	45.5	17.0	17.0	16.9	90.5	92.0	91.1
Binghamton	34.5	32.8	32.8	4.3	4.2	4.1	24.9	25.4	25.1
Buffalo	74.9	72.4	71.6	22.8	23.1	23.0	113.1	112.9	113.2
Elmira	9.0	8.2	8.2	1.5	1.4	1.4	10.1	10.0	9.8
Glens Falls	10.2	9.8	9.8	1.6	1.5	1.5	10.4	10.1	9.9
Nassau-Suffolk	155.2	141.5	140.7	49.5	50.5	50.4	284.2	279.3	274.5
New York PMSA	413.1	385.1	389.1	250.2	249.4	248.0	723.0	699.9	692.9
New York City	338.5	316.1	320.4	224.0	222.6	221.3	606.5	585.3	579.7
Niagara Falls	23.6	22.3	21.9	3.7	3.8	3.7	19.9	20.9	20.7
Orange County	13.9	13.0	13.0	6.4	6.3	6.3	28.0	27.3	26.9
Poughkeepsie	30.2	29.6	29.7	3.7	3.8	3.8	21.8	21.7	21.3
Rochester	133.2	130.9	131.4	15.1	15.3	15.2	102.8	102.8	102.2
Rockland County	15.1	14.7	14.6	5.1	5.2	5.1	22.1	22.3	22.0
Syracuse	51.7	50.4	49.7	19.3	19.4	19.3	75.0	77.9	77.0
Utica-Rome	23.7	22.1	22.0	4.3	4.4	4.4	26.8	27.5	27.0
Westchester County	57.5	52.0	51.9	20.5	21.0	20.9	90.2	87.9	86.9
North Carolina	870.0	842.5	837.3	149.9	153.5	153.2	695.5	710.4	699.9
Asheville	20.3	20.2	20.1	4.1	4.0	4.0	20.9	21.4	21.0
Charlotte-Gastonia-Rock Hill	154.2	149.5	148.8	51.2	51.3	51.2	151.6	152.6	151.3
Greensboro-Winston-Salem-High Point	152.4	145.3	145.1	25.9	25.6	25.5	112.4	114.2	113.3
Raleigh-Durham	83.5	83.7	83.3	21.7	21.5	21.4	89.5	90.4	89.5
North Dakota	16.4	17.6	17.8	16.9	17.1	17.2	67.4	69.6	69.0
Bismarck	2.1	2.2	2.2	2.8	2.8	2.9	10.0	10.3	10.2
Fargo-Moorhead	5.2	5.7	5.7	4.5	4.7	4.7	21.5	22.7	22.7
Grand Forks	1.5	1.6	1.7	1.7	1.7	1.7	8.8	9.2	9.1
Ohio	1,105.1	1,085.6	1,074.3	214.5	217.5	216.7	1,135.5	1,155.1	1,142.6
Akron	65.7	67.3	65.5	13.5	13.6	13.6	67.4	67.8	67.2
Canton	44.7	44.2	43.6	5.5	5.6	5.6	39.7	40.9	40.2
Cincinnati	147.0	147.3	147.0	40.2	41.2	41.5	184.6	187.4	185.1
Cleveland	206.3	204.1	199.3	41.7	41.8	41.4	220.9	225.5	222.5
Columbus	103.6	104.3	103.7	30.4	30.5	30.2	179.7	182.3	180.3
Dayton-Springfield	101.9	100.1	98.6	18.0	18.1	18.2	98.9	101.1	99.8
Toledo	58.9	53.9	52.9	14.3	14.2	14.2	69.9	70.6	69.3
Youngstown-Warren	48.9	48.3	47.5	7.3	6.9	7.0	51.4	52.7	51.9
Oklahoma	165.0	164.4	167.4	66.8	67.5	67.2	271.2	271.5	270.0
Enid	1.6	1.6	1.6	2.2	2.0	2.1	6.1	6.2	6.0
Lawton	3.3	3.5	3.5	1.9	1.7	1.7	8.3	8.8	8.8
Oklahoma City	48.4	44.6	48.7	20.9	21.0	20.8	100.9	101.7	101.6
Tulsa	55.7	57.2	56.6	24.9	25.7	25.7	71.7	73.4	72.6
Oregon	214.0	207.9	205.9	62.9	63.0	63.4	299.6	310.8	308.4
Eugene-Springfield	20.6	18.7	18.5	4.5	4.4	4.4	29.6	29.8	29.3
Portland	102.2	102.8	102.7	37.0	37.3	37.5	158.4	164.0	162.7
Salem	13.4	13.5	13.7	2.9	2.9	2.9	23.0	23.6	23.4
Pennsylvania	1,019.5	991.1	979.3	260.6	267.3	267.0	1,161.5	1,175.9	1,161.9
Allentown-Bethlehem	74.0	74.1	74.0	14.6	14.6	14.5	82.3	84.9	83.8
Altoona	11.0	10.5	10.4	4.7	4.8	4.7	13.9	14.4	14.1
Beaver County	9.1	9.0	8.8	5.2	5.2	5.0	11.4	11.8	11.7
Erie	35.6	36.7	35.9	4.2	4.5	4.3	25.2	26.1	25.5
Harrisburg-Lebanon-Carlisle	49.9	48.7	47.1	19.5	21.0	20.7	69.5	69.5	68.1
Johnstown	13.9	13.9	14.2	5.5	5.5	5.5	17.5	18.0	17.7
Lancaster	58.2	56.4	56.0	7.6	7.5	7.5	47.2	46.3	45.7
Philadelphia PMSA	352.1	338.6	336.3	99.4	98.9	98.9	503.6	507.6	499.8
Philadelphia City	83.9	78.9	78.4	39.4	39.6	39.3	138.2	131.2	129.5
Pittsburgh	118.4	118.0	116.9	52.2	54.9	54.8	220.2	222.4	219.9

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. 1990	Jan. 1991	Feb. 1991P	Feb. 1990	Jan. 1991	Feb. 1991P	Feb. 1990	Jan. 1991	Feb. 1991P
New Mexico	25.9	25.7	25.7	142.5	146.1	146.8	150.8	147.0	151.7
Albuquerque	13.9	13.7	13.8	72.2	75.0	75.5	49.8	48.6	50.1
Las Cruces	1.8	1.8	1.6	7.7	8.0	8.0	18.6	18.1	18.9
Santa Fe	2.2	2.3	2.3	15.6	15.7	16.2	23.9	24.2	24.9
New York	782.1	754.7	754.0	2,349.2	2,370.2	2,393.4	1,473.9	1,454.2	1,471.8
Albany-Schenectady-Troy	24.8	25.2	25.1	116.4	118.6	120.1	115.3	115.0	116.2
Binghamton	4.1	4.0	4.0	24.7	24.8	24.7	21.7	21.0	21.7
Buffalo	27.4	27.3	27.2	124.6	126.0	127.2	76.5	75.9	76.8
Elmira	1.7	1.5	1.4	10.4	10.2	10.3	7.3	7.1	7.2
Glens Falls	1.6	1.6	1.6	10.7	10.8	10.7	9.5	9.4	9.5
Nassau-Suffolk	80.2	80.4	80.5	300.4	306.6	307.9	188.1	183.6	186.3
New York PMSA	560.2	533.6	533.4	1,308.7	1,321.7	1,327.9	687.1	683.2	686.4
New York City	524.5	497.9	497.9	1,150.8	1,163.6	1,189.2	603.5	599.9	602.4
Niagara Falls	2.0	2.0	2.0	17.4	18.2	18.9	13.2	12.7	13.0
Orange County	4.7	5.0	5.0	23.7	24.2	24.4	24.4	23.7	23.9
Poughkeepsie	4.8	4.7	4.7	28.9	29.1	29.7	25.1	24.6	24.3
Rochester	23.0	22.7	22.6	122.6	125.6	127.2	69.5	67.5	69.9
Rockland County	5.3	5.3	5.3	26.7	27.0	27.2	21.3	21.3	21.3
Syracuse	20.2	20.7	20.7	78.4	78.3	80.6	53.6	53.1	53.9
Utica-Rome	7.5	7.5	7.5	27.8	28.1	28.6	31.7	30.8	31.5
Westchester County	29.5	29.5	29.4	124.2	126.0	126.4	58.2	57.9	58.4
North Carolina	132.3	134.0	134.0	579.6	591.5	597.6	494.5	501.3	509.3
Asheville	3.0	2.8	2.9	20.0	20.6	20.6	12.6	12.8	12.9
Charlotte-Gastonia-Rock Hill	37.9	37.9	37.8	120.5	124.6	126.2	70.2	73.0	74.5
Greensboro-Winston-Salem-High Point	24.0	23.9	23.7	100.5	104.0	104.7	55.8	56.5	56.8
Raleigh-Durham	24.2	24.1	24.0	113.1	113.8	115.4	95.5	92.5	96.0
North Dakota	12.2	12.4	12.4	66.9	69.5	69.8	66.7	65.2	66.2
Bismarck	1.5	1.5	1.5	12.0	12.7	12.8	8.8	9.0	9.1
Fargo-Moorhead	4.5	4.6	4.6	21.4	22.3	22.5	15.4	15.5	15.6
Grand Forks	1.1	1.1	1.1	7.0	7.4	7.4	10.0	9.7	9.9
Ohio	251.1	253.7	254.1	1,146.7	1,184.3	1,194.5	730.0	729.3	740.9
Akron	10.7	10.6	10.6	65.5	68.7	68.6	46.5	42.2	47.3
Canton	6.9	6.5	6.5	37.9	39.5	39.8	19.5	19.9	19.9
Cincinnati	43.0	43.8	43.9	183.0	191.0	192.2	95.0	96.2	97.8
Cleveland	57.1	57.7	57.9	250.9	253.9	255.5	119.9	118.7	119.5
Columbus	59.7	60.4	60.6	175.0	182.6	184.2	128.8	130.7	131.6
Dayton-Springfield	17.0	17.4	17.5	116.6	117.1	118.9	77.3	77.9	77.9
Toledo	12.0	11.9	11.9	74.3	76.4	76.5	45.8	44.5	45.1
Youngstown-Warren	8.5	8.3	8.3	46.2	46.8	47.0	24.7	24.7	25.0
Oklahoma	59.3	58.3	58.4	266.0	276.8	280.9	267.5	264.4	269.6
Enid .....	.9	.9	.9	5.2	5.1	5.3	4.0	4.1	4.1
Lawton	1.8	1.6	1.7	6.5	6.1	6.2	12.1	12.1	12.2
Oklahoma City	24.4	24.3	24.4	103.8	106.0	107.8	103.6	101.4	103.2
Tulsa	17.2	17.5	17.6	80.5	83.3	83.5	38.8	38.2	38.8
Oregon	77.0	80.0	80.5	286.8	296.2	300.7	222.9	226.0	229.6
Eugene-Springfield	5.8	5.8	5.8	27.5	28.9	29.1	24.7	24.7	25.5
Portland	49.9	51.7	52.1	160.7	167.3	168.8	83.6	85.1	86.5
Salem	5.7	6.0	6.0	22.7	23.1	23.8	31.8	32.4	32.8
Pennsylvania	298.7	298.6	298.4	1,421.5	1,444.8	1,457.0	715.3	698.4	716.9
Allentown-Bethlehem	14.4	14.7	14.6	73.1	74.6	75.7	31.8	31.3	31.9
Altoona	2.0	2.1	2.1	11.9	12.2	12.2	7.3	7.3	7.5
Beaver County	1.6	1.6	1.5	12.0	12.1	12.6	8.1	7.9	8.0
Erie	5.5	5.5	5.5	29.4	30.3	30.4	14.2	14.1	14.6
Harrisburg-Lebanon-Carlisle	20.7	21.6	21.5	68.2	70.3	70.2	68.7	69.0	69.5
Johnstown	4.6	4.6	4.5	21.1	22.1	21.7	12.9	13.0	13.1
Lancaster	7.7	7.9	7.9	41.1	41.9	43.1	17.0	16.5	17.8
Philadelphia PMSA	161.7	160.5	160.2	678.2	696.0	702.4	306.6	302.3	306.2
Philadelphia City	65.9	63.5	63.3	267.1	266.7	273.6	142.2	140.0	139.9
Pittsburgh	55.2	55.0	55.3	302.7	311.3	311.0	106.6	105.0	108.1

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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Pennsylvania—Continued									
Reading	152.9	151.2	150.2	(¹)	(¹)	(¹)	6.6	6.6	6.3
Scranton—Wilkes-Barre	304.5	305.5	303.1	0.6	0.6	0.6	11.5	11.4	10.8
Sharon	43.4	43.7	43.9	(¹)	(¹)	(¹)	1.2	1.4	1.2
State College	60.4	57.2	61.7	.4	.4	.4	2.0	2.0	1.9
Williamsport	50.8	50.7	50.6	(¹)	(¹)	(¹)	2.0	2.4	2.3
York	180.3	180.5	180.2	.5	.5	.5	9.3	9.5	9.3
Rhode Island	446.8	437.0	435.9	.1	.1	.1	16.4	14.9	14.0
Pawtucket—Woonsocket—Attleboro	128.7	122.6	121.9	.1	.1	.1	4.0	2.9	3.1
Providence	317.1	312.9	310.8	.1	.1	.1	12.1	11.6	10.6
South Carolina	1,517.7	1,535.1	1,539.1	2.0	2.1	2.0	98.3	97.1	96.0
Charleston	202.4	210.2	211.0	(¹)	(¹)	(¹)	15.9	16.1	15.9
Columbia	244.5	248.6	248.9	(¹)	(¹)	(¹)	13.8	14.4	13.9
Greenville—Spartanburg	334.0	336.3	337.0	(¹)	(¹)	(¹)	24.7	24.9	24.8
South Dakota	276.5	285.4	285.6	2.4	2.5	2.5	8.9	10.0	10.1
Rapid City	36.2	37.5	37.6	.2	.2	.2	1.9	2.2	2.3
Sioux Falls	72.8	75.0	75.1	(¹)	(¹)	(¹)	2.9	3.2	3.2
Tennessee	2,154.2	2,155.8	2,153.5	5.7	5.8	5.8	89.0	81.3	81.5
Chattanooga	200.0	200.2	199.6	.6	.6	.6	6.9	7.1	7.0
Johnson City—Kingsport—Bristol	189.6	170.7	189.0	(¹)	(¹)	(¹)	6.5	6.3	6.2
Knoxville	261.2	259.2	259.0	1.3	1.4	1.4	13.4	11.7	11.8
Memphis	469.8	474.8	475.0	(¹)	(¹)	(¹)	19.3	19.3	19.3
Nashville	495.3	499.5	500.1	(¹)	(¹)	(¹)	23.7	23.0	23.2
Texas	8,938.9	7,058.9	7,072.7	175.3	182.4	182.2	318.2	330.3	335.1
Abilene	48.5	48.4	46.4	1.4	1.5	1.5	1.5	1.4	1.5
Amarillo	78.4	77.3	77.6	1.2	1.1	1.1	2.9	2.9	2.8
Austin	371.6	361.6	382.0	.7	.7	.7	11.1	11.9	12.0
Beaumont—Port Arthur	138.1	146.1	148.7	1.6	1.8	1.8	10.1	12.3	12.8
Brazoria	65.3	66.6	67.1	1.9	2.1	2.1	8.3	8.2	8.3
Brownsville—Harlingen	74.6	75.9	78.7	(¹)	(¹)	(¹)	2.2	2.1	2.3
Bryan—College Station	54.4	52.5	55.3	.5	.6	.6	1.8	1.6	1.8
Corpus Christi	131.4	136.3	136.6	3.7	4.1	4.0	11.0	11.4	11.7
Dallas	1,357.0	1,374.3	1,373.9	17.8	17.8	17.9	44.6	46.1	46.4
El Paso	206.3	208.6	210.3	(¹)	(¹)	(¹)	8.1	8.1	8.1
Ft. Worth—Arlington	579.9	587.5	584.3	4.2	4.6	4.6	21.2	21.3	21.4
Galveston—Texas City	74.5	74.8	75.2	.6	.7	.6	4.9	4.1	4.1
Houston	1,555.3	1,612.1	1,614.7	65.7	72.0	72.0	105.0	107.3	107.4
Killeen—Temple	73.1	72.5	72.5	(¹)	(¹)	(¹)	2.5	2.1	2.3
Laredo	43.7	44.9	45.0	1.7	1.8	1.8	1.3	1.3	1.3
Longview—Marshall	68.9	68.4	66.3	3.5	3.4	3.4	3.5	3.4	3.3
Lubbock	98.8	97.8	98.6	.3	.2	.2	2.9	3.0	3.2
McAllen—Edinburg—Mission	100.2	102.8	102.9	.9	.8	.9	4.1	4.4	4.4
Midland	43.8	44.4	44.7	8.9	9.1	9.1	1.3	1.4	1.4
Odessa	43.4	44.4	44.3	5.2	5.3	5.1	2.1	2.2	2.2
San Angelo	36.1	36.2	36.4	.5	.5	.5	1.1	1.1	1.1
San Antonio	516.9	516.7	518.0	1.8	1.8	1.8	21.0	21.7	22.0
Sherman—Denison	37.4	38.0	38.0	(¹)	(¹)	(¹)	1.5	1.5	1.5
Texarkana	46.9	46.3	46.2	.1	.1	.1	1.3	1.3	1.4
Tyler	61.7	62.3	62.2	1.7	1.7	1.7	1.6	1.7	1.6
Victoria	27.4	28.5	29.0	1.4	1.7	1.7	1.5	1.5	1.6
Waco	81.1	82.4	82.4	(¹)	(¹)	(¹)	3.1	3.0	3.0
Wichita Falls	50.1	49.8	49.7	1.4	1.4	1.4	1.9	1.8	1.8

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Pennsylvania—Continued									
Reading	47.2	44.5	43.7	6.5	6.6	6.5	33.9	34.0	33.4
Scranton-Wilkes-Barre	69.9	68.1	67.4	16.3	16.7	16.8	72.3	73.2	72.5
Sharon	11.5	11.6	11.3	2.1	2.1	2.0	10.6	10.8	10.8
State College	8.6	8.7	8.6	1.6	1.7	1.7	11.4	11.8	12.2
Williamsport	15.7	15.2	15.2	1.7	1.7	1.7	11.6	11.8	11.4
York	58.2	56.6	55.0	8.0	7.9	7.9	45.8	46.9	46.6
Rhode Island									
Pawtucket-Woonsocket-Attleboro	101.5	94.3	94.0	15.5	15.2	15.0	97.5	94.4	92.7
Providence	46.8	44.4	43.9	3.7	3.5	3.4	32.4	31.6	30.8
Providence	64.0	60.1	59.7	11.8	11.5	11.5	66.6	63.5	61.9
South Carolina									
Charleston	385.4	373.0	369.3	65.5	66.7	68.4	334.4	339.9	338.8
Columbia	21.1	21.2	21.0	10.3	10.7	10.8	49.1	52.3	51.9
Columbia	28.4	27.3	26.8	11.5	11.4	11.2	54.5	55.7	55.0
Greenville-Spartanburg	100.2	97.9	97.1	14.3	14.6	14.5	77.3	78.8	78.2
South Dakota									
Rapid City	33.3	33.4	33.2	13.1	13.6	13.6	71.1	75.8	75.0
Rapid City	3.9	3.8	3.8	1.9	1.9	1.9	10.1	10.9	10.9
Sioux Falls	8.9	8.9	8.9	4.9	4.9	4.9	20.0	21.3	21.1
Tennessee									
Chattanooga	521.1	512.7	509.5	114.0	115.1	115.4	499.9	510.5	504.7
Chattanooga	47.1	45.2	44.8	9.0	9.3	9.2	46.9	47.7	47.5
Johnson City-Kingsport-Bristol	54.1	51.9	51.0	6.1	6.3	6.2	39.0	39.8	38.8
Knoxville	50.7	48.5	47.8	11.1	11.2	11.4	67.4	68.2	67.6
Memphis	61.7	60.4	60.2	46.2	47.8	47.6	123.2	126.3	124.0
Nashville	89.4	87.5	87.2	26.7	27.1	27.0	121.8	122.8	122.4
Texas									
Abilene	983.6	983.4	976.2	413.4	426.7	426.0	1,676.0	1,701.2	1,694.3
Abilene	5.0	4.5	4.5	2.7	2.7	2.7	12.6	12.7	12.6
Amarillo	8.5	8.8	8.9	5.4	5.5	5.5	22.2	22.0	22.1
Austin	47.0	49.1	48.8	11.6	12.1	12.1	76.7	75.9	75.1
Beaumont-Port Arthur	24.4	25.9	25.8	9.8	9.6	9.6	31.4	33.1	33.0
Brazoria	16.3	16.7	16.8	3.0	3.0	3.2	12.0	12.7	12.5
Brownsville-Harlingen	11.3	11.5	11.6	3.2	3.3	3.3	20.1	20.3	20.4
Bryan-College Station	3.6	3.4	3.4	1.3	1.3	1.3	11.3	11.0	11.2
Corpus Christi	11.8	12.2	12.2	6.6	6.6	6.7	30.9	31.8	31.4
Dallas	221.3	218.2	217.7	81.4	82.2	82.4	346.3	354.5	351.9
El Paso	41.1	41.3	41.3	10.6	10.8	10.7	51.3	52.7	52.6
Ft. Worth-Arlington	119.0	115.4	108.5	53.8	56.0	56.2	147.7	150.4	150.1
Galveston-Texas City	8.7	8.6	8.6	4.8	5.1	5.0	14.2	14.7	14.8
Houston	170.4	175.8	176.4	106.9	112.8	112.9	366.6	372.2	368.8
Killeen-Temple	8.6	8.9	8.8	2.7	2.4	2.4	16.5	15.6	15.5
Laredo	1.7	1.5	1.5	6.2	6.2	6.2	13.7	14.0	14.1
Longview-Marshall	16.5	16.0	16.0	3.5	3.5	3.5	16.7	16.9	16.7
Lubbock	7.4	7.1	7.2	5.5	5.7	5.7	27.8	28.3	28.3
McAllen-Edinburg-Mission	13.1	13.3	13.4	3.1	3.2	3.2	30.8	32.0	32.1
Midland	2.2	2.3	2.3	2.3	2.3	2.3	10.4	10.6	10.6
Odessa	4.1	4.3	4.3	2.0	2.0	2.0	12.4	12.8	12.8
San Angelo	4.9	4.9	4.9	2.6	2.6	2.6	9.0	8.7	8.6
San Antonio	46.5	43.7	43.6	21.5	21.7	21.7	127.1	130.4	128.9
Sherman-Denison	10.9	10.8	10.8	1.5	1.6	1.6	7.6	8.0	7.8
Texarkana	7.1	7.0	6.9	2.4	2.4	2.4	10.8	10.9	10.8
Tyler	10.8	11.2	10.8	2.8	2.9	2.9	16.0	15.7	16.0
Victoria	2.9	3.1	3.1	1.3	1.4	1.4	7.4	7.6	7.6
Waco	15.8	15.8	15.9	3.5	3.5	3.4	18.4	19.2	19.1
Wichita Falls	8.2	8.2	8.1	2.6	2.6	2.6	11.4	11.4	11.4

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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Pennsylvania—Continued									
Reading	8.2	8.4	8.3	32.6	33.5	33.4	17.9	17.6	18.6
Scranton-Wilkes-Barre	13.7	13.8	13.5	77.3	79.3	79.2	42.9	42.4	42.3
Sharon	1.3	1.3	1.3	11.3	11.0	11.7	5.4	5.5	5.6
State College	1.9	1.9	1.9	10.7	10.9	10.9	23.8	19.8	24.1
Williamsport	2.3	2.3	2.3	10.7	10.5	10.6	6.8	6.8	7.1
York	5.2	5.3	5.3	34.4	34.8	36.2	19.1	19.0	19.4
Rhode Island									
.....	27.1	26.7	26.5	125.4	126.3	128.8	63.3	65.1	64.8
Pawtucket-Woonsocket-Attleboro	3.8	3.6	3.6	26.4	24.8	25.3	11.5	11.7	11.7
Providence	22.3	22.3	22.1	94.1	96.1	97.6	46.1	47.7	47.3
South Carolina									
.....	65.3	65.2	65.0	283.6	298.1	301.6	263.2	293.0	300.0
Charleston	7.8	7.5	7.5	43.6	46.9	47.4	54.4	55.5	56.5
Columbia	18.3	17.8	17.7	50.2	53.6	54.0	67.8	68.2	70.3
Greenville-Spartanburg	11.9	11.9	11.9	83.5	65.0	65.9	42.1	43.4	44.6
South Dakota									
.....	16.0	16.3	16.2	68.7	70.5	71.0	83.0	63.3	64.0
Rapid City	1.5	1.4	1.4	9.5	9.7	9.7	7.2	7.4	7.4
Sioux Falls	6.0	6.2	6.1	20.4	20.9	21.4	7.7	7.6	7.5
Tennessee									
.....	101.6	100.8	100.9	470.7	478.0	480.1	352.2	351.6	355.6
Chattanooga	12.8	13.3	13.3	41.9	42.3	42.1	34.8	34.7	35.1
Johnson City-Kingsport-Bristol	5.2	5.1	5.0	33.9	35.3	35.6	24.8	26.0	26.2
Knoxville	9.8	10.3	10.4	55.5	56.9	57.1	52.0	51.0	51.7
Memphis	25.0	25.1	25.2	118.9	119.9	120.5	77.5	76.0	76.2
Nashville	30.6	30.3	30.4	132.9	139.4	139.7	70.0	69.4	70.2
Texas									
.....	429.5	425.9	427.8	1,873.7	1,718.3	1,724.3	1,269.2	1,292.7	1,307.0
Abilene	2.0	1.9	1.9	14.1	14.5	14.5	9.2	9.2	9.2
Amarillo	4.3	4.2	4.3	17.4	17.8	17.8	14.5	15.0	15.1
Austin	23.2	23.3	23.4	93.0	97.4	97.8	108.3	111.2	112.3
Beaumont-Port Arthur	5.3	5.4	5.4	33.6	38.4	36.7	21.7	21.6	21.6
Brazoria	1.8	1.8	1.8	9.8	9.8	9.8	12.2	12.3	12.6
Brownsville-Harlingen	3.6	3.4	3.4	16.8	17.6	17.6	17.8	17.7	18.1
Bryan-College Station	1.7	1.6	1.8	10.0	10.7	10.8	24.2	22.1	24.4
Corpus Christi	8.4	8.3	8.4	31.1	33.2	33.3	29.9	30.7	30.9
Dallas	125.9	123.1	122.7	360.5	369.5	371.7	159.2	162.9	163.2
El Paso	8.5	8.4	8.3	42.4	43.5	43.6	44.3	43.8	45.7
Ft. Worth-Arlington	27.4	27.0	26.9	131.5	135.6	136.0	75.1	77.2	76.8
Galveston-Texas City	5.0	5.1	5.0	14.1	14.0	14.2	22.2	22.5	22.9
Houston	100.8	102.0	103.2	432.2	459.3	462.4	207.9	210.7	211.8
Killeen-Temple	3.2	3.4	3.4	17.1	17.4	17.3	22.5	22.7	22.8
Laredo	1.8	1.8	1.8	7.6	8.1	8.2	9.7	10.2	10.1
Longview-Marshall	2.7	2.6	2.8	13.4	13.7	13.9	9.1	8.9	8.9
Lubbock	5.3	5.4	5.3	24.5	25.1	25.3	22.9	23.0	23.4
McAllen-Edinburg-Mission	4.1	4.1	4.1	17.5	18.4	18.4	26.6	26.6	26.4
Midland	2.4	2.4	2.4	9.2	9.5	9.5	7.1	6.8	7.1
Odessa	1.6	1.5	1.3	7.8	8.3	8.4	8.2	8.0	8.2
San Angelo	1.8	1.8	1.8	9.0	9.0	9.1	7.4	7.8	8.0
San Antonio	40.1	38.1	38.1	137.6	138.3	140.0	121.3	121.0	121.9
Sherman-Denison	2.1	2.0	2.0	9.3	9.7	9.8	4.5	4.4	4.5
Texarkana	1.8	1.7	1.7	10.7	11.2	11.1	12.9	11.7	11.8
Tyler	3.5	3.4	3.5	15.4	16.0	16.0	9.9	9.7	9.7
Victoria	1.6	1.6	1.8	6.0	6.3	6.5	5.3	5.3	5.5
Waco	5.2	5.2	5.2	22.2	22.3	22.4	12.9	13.4	13.4
Wichita Falls	2.2	2.1	2.1	12.5	12.5	-12.5	9.9	9.8	9.8

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	Total			Mining			Construction		
	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Utah	700.6	728.9	731.2	8.3	8.7	8.7	22.8	24.6	24.4
Provo-Orem	90.2	95.7	96.8	(¹)	(¹)	(¹)	2.4	2.7	2.7
Salt Lake City-Ogden	478.6	496.2	496.1	2.6	2.9	2.9	16.3	17.9	17.9
Vermont	258.0	253.1	252.4	.5	.5	.4	12.7	13.0	12.6
Barre-Montpelier	34.0	33.7	33.8	(¹)	(¹)	(¹)	1.7	1.9	1.8
Burlington	79.6	78.3	78.2	(¹)	(¹)	(¹)	4.1	3.7	3.6
Virginia	2,858.0	2,844.9	2,835.0	14.7	14.7	14.6	181.2	158.6	156.2
Bristol	34.4	34.4	34.5	(¹)	(¹)	(¹)	1.0	1.1	1.1
Charlottesville	71.9	71.7	72.7	(¹)	(¹)	(¹)	4.3	3.8	3.7
Danville	42.5	41.2	40.7	(¹)	(¹)	(¹)	1.9	1.8	1.9
Lynchburg	77.0	78.7	78.6	(¹)	(¹)	(¹)	3.4	3.6	3.5
Norfolk-Virginia Beach-Newport News	573.6	572.1	569.7	(¹)	(¹)	(¹)	35.1	31.5	30.9
Northern Virginia	787.5	754.1	748.4	.6	.5	.5	56.3	42.2	40.2
Richmond-Petersburg	470.4	473.6	473.0	.7	.6	.7	30.3	28.6	27.6
Roanoke	125.5	127.4	126.4	(¹)	(¹)	(¹)	7.4	7.0	7.0
Washington	2,083.3	2,149.7	2,154.4	3.5	3.8	3.5	102.1	112.1	113.5
Seattle	1,084.8	1,106.5	1,108.1	.5	.6	.6	55.9	56.3	57.3
West Virginia	611.4	617.7	616.2	34.9	35.0	34.5	22.4	23.2	22.6
Charleston	108.7	110.7	110.6	2.1	2.1	2.1	4.0	4.2	4.1
Huntington-Ashland	107.5	110.9	110.2	1.4	1.5	1.5	4.6	4.8	4.6
Parkersburg-Marietta	60.2	60.9	60.9	.5	.5	.5	2.4	2.3	2.4
Wheeling	56.9	59.4	58.6	2.2	2.3	2.0	1.5	1.6	1.4
Wisconsin	2,220.8	2,242.2	2,242.8	1.6	1.6	1.5	70.7	70.4	68.1
Appleton-Oshkosh-Neenah	155.4	159.3	159.0	(¹)	(¹)	(¹)	6.3	7.4	7.4
Eau Claire	57.6	55.9	57.4	(¹)	(¹)	(¹)	1.6	1.6	1.5
Green Bay	102.2	105.4	105.8	(¹)	(¹)	(¹)	4.3	5.0	5.0
Janesville-Beloit	59.2	56.8	56.3	(¹)	(¹)	(¹)	1.6	1.4	1.3
Kenosha	39.6	42.2	41.1	(¹)	(¹)	(¹)	1.5	1.8	1.8
La Crosse	52.5	51.8	52.8	(¹)	(¹)	(¹)	1.2	1.1	1.1
Madison	214.6	217.8	220.0	(¹)	(¹)	(¹)	7.1	7.3	7.0
Milwaukee	744.8	751.3	749.0	(¹)	(¹)	(¹)	24.4	23.9	23.5
Racine	75.2	75.9	76.2	(¹)	(¹)	(¹)	2.4	2.1	1.9
Sheboygan	50.7	51.5	51.2	(¹)	(¹)	(¹)	1.6	1.4	1.3
Wausau	51.5	52.3	51.9	(¹)	(¹)	(¹)	2.0	2.0	2.0
Wyoming	187.2	192.2	191.8	17.4	16.0	17.7	7.9	6.3	6.3
Casper	27.0	28.2	28.2	2.3	2.5	2.5	1.2	1.5	1.5
Puerto Rico	638.3	834.0	838.3	1.0	.9	.9	44.7	44.8	46.2
Caguas	53.7	53.7	54.2	(¹)	(¹)	(¹)	1.6	1.5	1.5
Mayaguez	56.6	57.6	56.1	(¹)	(¹)	(¹)	2.4	2.0	2.1
Ponce	55.2	55.3	55.4	(¹)	(¹)	(¹)	4.6	4.1	4.0
San Juan	518.0	516.5	516.6	.5	.5	.5	31.9	31.0	31.5
Virgin Islands	42.6	43.2	43.4	(¹)	(¹)	(¹)	4.2	4.1	4.2

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Utah	104.4	107.1	107.4	41.6	43.0	42.4	163.5	172.3	171.0
Provo-Orem	13.7	13.9	14.1	2.6	2.3	2.3	20.2	22.9	22.5
Salt Lake City-Ogden	67.6	69.0	69.2	31.9	33.1	32.7	116.5	119.3	117.8
Vermont	46.8	44.0	43.6	10.8	10.8	10.7	59.5	59.0	57.7
Barre-Montpelier	4.6	4.1	4.2	.9	.9	.9	7.4	7.2	7.0
Burlington	16.2	14.9	14.9	3.5	3.3	3.3	19.0	19.7	18.9
Virginia	427.9	416.0	412.2	146.5	148.7	148.0	638.3	647.5	635.5
Bristol	10.9	10.5	10.4	1.5	1.6	1.6	8.7	8.8	8.7
Charlottesville	9.0	8.8	8.8	2.5	2.6	2.6	14.9	15.3	14.9
Danville	17.1	15.3	14.8	1.1	1.2	1.1	6.5	8.8	8.7
Lynchburg	23.9	23.4	23.5	3.0	2.9	2.9	16.5	16.5	16.2
Norfolk-Virginia Beach-Newport News	65.4	64.8	64.4	26.8	27.5	28.0	136.8	137.9	135.8
Northern Virginia	35.1	34.4	34.0	50.6	51.1	49.8	171.4	170.6	167.1
Richmond-Petersburg	65.0	64.5	64.8	23.6	24.0	23.6	107.2	107.4	105.8
Roanoke	20.0	19.4	19.4	8.3	8.2	8.2	33.8	35.4	34.3
Washington	384.7	360.0	359.6	109.9	114.2	114.0	498.2	516.4	510.2
Seattle	222.3	220.3	219.8	67.2	68.4	68.3	254.4	263.0	259.7
West Virginia	87.0	84.5	84.0	38.5	38.9	38.8	140.4	142.6	141.2
Charleston	10.8	10.7	10.8	8.8	9.0	9.0	26.3	29.1	28.7
Huntington-Ashland	19.6	20.2	19.7	7.4	8.0	7.9	27.2	28.2	27.7
Parkersburg-Marietta	14.4	14.3	14.2	2.5	2.3	2.3	14.4	14.9	14.8
Wheeling	7.2	7.2	7.0	3.3	3.3	3.2	15.6	16.0	15.9
Wisconsin	549.8	547.2	542.4	102.7	106.2	106.0	517.4	528.9	522.2
Appleton-Oshkosh-Neenah	53.0	52.5	51.6	6.1	6.4	6.5	32.9	34.0	33.7
Eau Claire	11.1	10.9	10.9	3.1	3.1	3.2	15.3	15.0	15.1
Green Bay	22.5	22.8	22.6	7.3	7.5	7.5	26.5	27.5	27.0
Janesville-Beloit	19.1	16.1	15.7	2.3	2.2	2.2	13.7	14.3	14.1
Kenosha	9.7	9.8	9.1	1.4	1.4	1.4	10.4	11.6	11.3
La Crosse	10.1	10.7	10.8	2.3	2.5	2.5	14.2	14.3	14.3
Madison	24.9	26.3	25.8	7.9	8.5	8.7	48.1	49.6	49.8
Milwaukee	175.0	173.9	173.1	36.4	37.4	37.2	168.3	171.5	168.7
Racine	26.5	25.3	25.9	2.4	2.3	2.4	16.8	17.8	17.4
Sheboygan	21.4	21.8	21.8	1.6	1.6	1.6	9.4	9.9	9.6
Wausau	14.8	14.8	14.5	3.0	3.2	3.2	12.2	12.5	12.3
Wyoming	8.8	9.8	9.4	14.2	14.3	14.3	41.2	43.1	42.6
Casper	1.5	1.7	1.7	1.7	1.7	1.7	7.5	7.8	7.7
Puerto Rico	158.3	149.8	152.4	21.0	20.8	20.7	153.7	158.8	156.3
Caguas	15.2	15.3	15.6	.5	.5	.8	11.4	11.3	11.2
Mayaguez	20.3	18.5	18.7	.5	.5	.5	8.3	9.1	8.8
Ponce	10.6	9.7	9.9	1.6	1.4	1.3	6.5	8.9	8.7
San Juan	66.0	63.4	64.2	16.5	16.9	17.0	105.3	108.9	107.0
Virgin Islands	2.3	2.4	2.5	2.2	2.4	2.3	9.2	9.5	9.5

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	Finance, insurance, and real estate			Services			Government		
	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Utah	33.8	34.6	35.0	174.8	185.6	167.6	151.4	153.0	154.7
Provo-Orem	2.3	2.3	2.3	34.4	36.7	37.9	14.6	14.9	15.0
Salt Lake City-Ogden	27.2	28.4	28.4	117.4	125.3	125.8	99.1	100.3	101.4
Vermont	12.9	11.6	11.5	71.0	70.1	70.6	43.8	44.1	45.3
Barre-Montpelier	3.2	2.6	2.6	8.2	8.9	9.0	8.0	6.1	8.3
Burlington	4.0	4.1	4.0	20.3	20.2	20.5	12.5	12.4	13.0
Virginia	152.7	150.1	149.6	713.1	726.0	729.4	583.6	583.3	589.5
Bristol	1.2	1.1	1.1	5.5	5.4	5.7	5.6	5.9	5.9
Charlottesville	3.9	3.5	3.5	13.6	14.5	14.4	23.7	23.2	24.8
Danville	1.4	1.4	1.4	8.8	7.0	7.1	5.7	5.7	5.7
Lynchburg	3.4	3.4	3.4	17.0	16.9	17.1	9.8	10.0	10.0
Norfolk-Virginia Beach-Newport News	26.3	26.0	26.0	144.6	147.0	147.2	136.8	137.4	137.4
Northern Virginia	50.6	49.5	49.5	254.5	257.5	257.8	148.4	148.3	149.5
Richmond-Petersburg	39.7	39.8	39.7	104.9	110.3	111.0	99.0	98.4	99.6
Roanoke	8.7	8.5	8.5	31.6	33.1	33.2	15.7	15.8	15.8
Washington	114.5	116.8	117.3	490.0	521.8	525.1	400.4	404.8	411.2
Seattle	73.0	74.2	74.9	262.1	275.1	277.2	149.4	148.6	150.3
West Virginia	24.4	24.6	24.6	139.7	147.8	148.4	126.1	123.1	124.1
Charleston	6.5	6.5	6.5	28.2	29.7	30.0	20.0	19.4	19.8
Huntington-Ashland	3.7	3.8	3.8	24.2	25.4	25.5	19.4	19.0	19.5
Parkersburg-Marietta	2.2	2.2	2.2	14.2	14.9	14.9	9.6	9.5	9.6
Wheeling	3.0	3.0	3.0	17.0	16.9	17.0	9.1	9.1	9.1
Wisconsin	117.7	120.9	121.5	518.1	530.7	532.0	344.8	336.3	349.1
Appleton-Oshkosh-Neenah	7.5	7.9	7.9	31.7	33.4	33.4	17.8	17.6	18.3
Eau Claire	1.8	1.8	1.8	13.2	13.0	13.2	11.5	10.5	11.8
Green Bay	5.5	6.3	6.3	24.2	24.4	25.1	11.8	11.9	12.3
Janesville-Beloit	1.6	1.7	1.7	13.5	13.8	13.9	7.4	7.3	7.4
Kenosha	1.3	1.4	1.4	9.1	9.8	9.8	6.3	6.3	6.4
La Crosse	1.6	1.6	1.6	14.9	14.6	14.7	8.1	7.1	7.8
Madison	18.7	19.5	19.5	48.1	48.8	49.2	59.7	57.9	60.1
Milwaukee	50.0	50.5	50.7	204.8	209.0	208.9	85.8	85.1	86.8
Racine	2.2	2.3	2.3	18.6	17.4	17.4	8.3	8.8	8.9
Sheboygan	2.4	2.2	2.2	9.0	9.1	9.2	5.4	5.5	5.5
Wausau	3.6	3.9	3.8	9.4	9.7	9.8	8.5	6.3	6.5
Wyoming	7.0	7.0	7.0	34.9	35.7	35.9	55.8	56.0	56.6
Casper	1.4	1.4	1.4	6.3	6.4	6.5	5.1	5.2	5.2
Puerto Rico	36.9	36.8	36.6	132.2	133.1	134.8	290.5	289.1	290.4
Caguas	1.3	1.3	1.3	7.5	7.3	7.5	16.2	16.5	16.5
Mayaguez	1.5	1.4	1.4	6.9	7.3	7.8	18.8	18.7	18.8
Ponce	1.8	1.8	1.8	11.0	11.8	12.1	17.1	17.5	17.6
San Juan	29.2	29.4	29.3	94.1	94.8	94.8	174.4	171.7	172.4
Virgin Islands	2.1	2.1	2.1	9.1	9.3	9.4	13.5	13.4	13.4

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 1990 benchmarks.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

Year and month	Total private ¹			Mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964	38.7	\$2.36	\$91.33	41.9	\$2.81	\$117.74	37.2	\$3.55	\$132.06
1965	38.8	2.46	95.45	42.3	2.92	123.52	37.4	3.70	138.38
1966	38.6	2.56	98.82	42.7	3.05	130.24	37.6	3.89	146.26
1967	38.0	2.68	101.84	42.6	3.19	135.89	37.7	4.11	154.95
1968	37.8	2.85	107.73	42.6	3.35	142.71	37.3	4.41	164.49
1969	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972	37.0	3.70	136.90	42.6	4.44	189.14	36.5	6.06	221.19
1973	36.9	3.94	145.39	42.4	4.75	201.40	36.8	6.41	235.89
1974	36.5	4.24	154.76	41.9	5.23	219.14	36.6	6.81	249.25
1975	36.1	4.53	163.53	41.9	5.95	249.31	36.4	7.31	266.08
1976	36.1	4.86	175.45	42.4	6.46	273.90	36.8	7.71	283.73
1977	36.0	5.25	189.00	43.4	6.94	301.20	36.5	8.10	295.65
1978	35.8	5.69	203.70	43.4	7.67	332.88	36.8	8.66	318.69
1979	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.32	464.46
1986	34.8	8.76	304.85	42.2	12.46	525.81	37.4	12.48	466.75
1987	34.8	8.98	312.50	42.4	12.54	531.70	37.8	12.71	480.44
1988	34.7	9.28	322.02	42.3	12.80	541.44	37.9	13.08	495.73
1989	34.6	9.66	334.24	43.0	13.25	569.75	37.9	13.52	512.41
1990	34.5	10.03	346.04	44.0	13.65	600.60	38.2	13.73	524.49
Monthly data, not seasonally adjusted									
1990:									
March	34.3	\$9.93	\$340.60	43.0	\$13.57	\$583.51	37.9	\$13.63	\$516.58
April	34.4	9.97	342.97	43.1	13.66	588.75	37.3	13.58	506.53
May	34.4	9.97	342.97	43.2	13.56	585.79	38.2	13.68	522.58
June	34.8	9.98	347.30	44.4	13.66	606.50	39.1	13.63	532.93
July	34.9	10.00	349.00	43.6	13.69	596.88	38.3	13.70	524.71
August	34.8	10.00	348.00	44.0	13.63	599.72	39.0	13.74	535.86
September	34.8	10.16	353.57	45.1	13.82	623.28	39.0	13.92	542.88
October	34.3	10.16	348.49	44.6	13.69	610.57	38.0	13.92	528.96
November	34.3	10.17	348.83	44.9	13.78	618.72	38.2	13.82	527.92
December	34.7	10.20	353.94	45.4	13.84	628.34	38.3	13.87	531.22
1991:									
January	33.8	10.24	346.11	44.4	14.16	628.70	36.1	13.97	504.32
February ^p	33.9	10.24	347.14	44.4	14.06	624.26	37.0	13.86	512.82
March ^p	34.0	10.26	348.84	44.0	14.12	621.28	37.0	13.85	512.45

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	\$102.36
1965	41.2	2.61	2.50	107.53	41.3	3.03	125.14	40.8	2.60	106.27
1966	41.4	2.71	2.59	112.19	41.2	3.11	128.13	40.7	2.73	111.08
1967	40.6	2.82	2.71	114.49	40.5	3.23	130.82	40.3	2.87	115.85
1968	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.04	121.89
1969	40.6	3.19	3.05	129.51	40.7	3.63	147.74	40.2	3.23	129.74
1970	39.8	3.35	3.23	133.33	40.5	3.85	155.93	39.9	3.43	136.91
1971	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.4	3.64	143.68
1972	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.42
1973	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.2	4.07	159.74
1974	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.38	170.11
1975	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.6	4.72	182.42
1976	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.02	194.15
1977	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	208.76
1978	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	227.87
1979	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.65
1980	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.4	6.95	267.13
1981	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.55	290.75
1982	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.08	309.23
1983	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.54	328.25
1984	40.7	9.19	8.82	374.03	39.4	11.12	438.13	38.5	8.88	341.78
1985	40.5	9.54	9.16	386.37	39.5	11.40	450.30	38.4	9.15	351.08
1986	40.7	9.73	9.34	396.01	39.2	11.70	458.64	38.3	9.34	357.57
1987	41.0	9.91	9.48	406.31	39.2	12.03	471.58	38.1	9.59	365.30
1988	41.1	10.19	9.73	418.81	38.8	12.26	475.69	38.1	9.98	380.24
1989	41.0	10.49	10.02	430.09	38.9	12.61	490.53	38.0	10.39	394.82
1990	40.8	10.84	10.38	442.27	38.9	12.95	503.76	38.1	10.80	411.48
Monthly data, not seasonally adjusted										
1990:										
March	40.7	\$10.75	\$10.30	\$437.53	38.7	\$12.83	\$496.52	37.9	\$10.66	\$404.01
April	39.8	10.75	10.37	427.85	38.9	12.96	504.14	38.1	10.78	410.72
May	40.9	10.81	10.36	442.13	38.9	12.82	498.70	38.0	10.73	407.74
June	41.1	10.85	10.37	445.94	39.4	12.86	506.68	38.2	10.76	411.03
July	40.5	10.88	10.41	440.64	39.4	12.99	511.81	38.3	10.82	414.41
August	40.8	10.82	10.33	441.46	39.2	12.96	508.03	38.1	10.77	410.34
September	41.3	10.94	10.42	451.82	39.2	13.07	512.34	38.3	10.94	419.00
October	40.9	10.95	10.46	447.86	38.6	13.07	504.50	38.1	10.87	414.15
November	40.8	10.98	10.49	447.98	38.8	13.07	507.12	38.0	10.94	415.72
December	41.3	11.06	10.58	456.78	39.0	13.13	512.07	38.4	11.05	424.32
1991:										
January	40.2	11.06	10.63	444.61	38.2	13.17	503.09	37.7	11.05	416.59
February ^p	39.9	11.03	10.62	440.10	38.3	13.14	503.26	37.7	11.08	417.72
March ^p	40.1	11.08	10.66	444.31	38.3	13.14	503.26	37.8	11.08	418.82

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	\$64.81	37.3	\$2.30	\$85.77	36.1	\$1.94	\$70.05
1965	36.6	1.82	66.65	37.2	2.39	88.85	35.9	2.05	73.60
1966	35.9	1.91	68.50	37.3	2.47	92.21	35.5	2.17	76.92
1967	35.3	2.01	70.86	37.1	2.58	95.70	35.1	2.29	80.30
1968	34.7	2.16	74.93	37.0	2.75	101.70	34.7	2.42	84.08
1969	34.2	2.30	78.67	37.1	2.93	108.56	34.7	2.61	90.62
1970	33.8	2.44	82.31	36.7	3.07	112.79	34.4	2.81	96.52
1971	33.7	2.60	87.51	36.6	3.22	118.02	33.9	3.04	103.04
1972	33.4	2.75	92.03	36.6	3.36	122.94	33.9	3.27	110.62
1973	33.1	2.91	96.45	36.8	3.53	129.34	33.8	3.47	117.49
1974	32.7	3.14	102.55	36.5	3.77	137.68	33.6	3.75	126.22
1975	32.4	3.36	108.63	36.5	4.06	147.89	33.5	4.02	134.73
1976	32.1	3.57	114.56	36.4	4.27	155.51	33.3	4.31	143.53
1977	31.6	3.85	121.54	36.4	4.54	165.42	33.0	4.65	153.59
1978	31.0	4.20	130.14	36.4	4.89	178.03	32.8	4.99	163.89
1979	30.6	4.53	138.83	36.2	5.27	190.92	32.7	5.36	175.36
1980	30.2	4.88	147.24	36.2	5.79	209.68	32.6	5.85	190.98
1981	30.1	5.25	157.99	36.3	6.31	228.73	32.6	6.41	209.16
1982	29.9	5.48	163.83	36.2	6.78	245.68	32.6	6.92	225.87
1983	29.8	5.74	171.13	36.2	7.29	263.68	32.7	7.31	239.04
1984	29.8	5.85	174.47	36.5	7.63	278.04	32.6	7.59	247.25
1985	29.4	5.94	174.81	36.4	7.94	289.20	32.5	7.90	256.49
1986	29.2	6.03	175.80	36.4	8.36	304.49	32.5	8.18	265.93
1987	29.2	6.12	178.80	36.3	8.73	316.37	32.5	8.49	276.03
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	9.54	341.53	32.6	9.39	306.11
1990	28.8	6.78	195.26	35.8	9.99	357.64	32.6	9.86	321.44
Monthly data, not seasonally adjusted									
1990:									
March	28.5	\$6.74	\$192.09	35.6	\$9.84	\$350.30	32.4	\$9.76	\$316.22
April	29.0	6.75	195.75	36.1	9.97	359.92	32.6	9.82	320.13
May	28.8	6.75	194.40	35.5	9.90	351.45	32.3	9.77	315.57
June	29.3	6.75	197.78	35.8	9.90	354.42	32.7	9.75	318.83
July	29.7	6.74	200.18	36.2	10.00	362.00	33.0	9.79	323.07
August	29.4	6.75	198.45	35.7	9.96	355.57	32.8	9.78	320.78
September	28.9	6.85	197.97	36.1	10.12	365.33	32.7	9.98	326.35
October	28.4	6.85	194.54	35.5	10.10	358.55	32.4	9.99	323.68
November	28.4	6.88	195.39	35.6	10.14	360.98	32.4	10.05	325.62
December	29.3	6.86	201.00	36.2	10.25	371.05	32.7	10.14	331.58
1991:									
January	27.7	6.92	191.68	35.7	10.26	366.28	32.1	10.15	325.82
February ^p	28.0	6.91	193.48	35.8	10.30	368.74	32.4	10.18	329.83
March ^p	28.1	6.94	195.01	35.8	10.33	369.81	32.3	10.20	329.46

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 reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1989 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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Total private		34.2	34.3	33.8	33.9	34.0	-	-	-	-	-
Mining		43.3	43.0	44.4	44.4	44.0	-	-	-	-	-
Metal mining	10	42.3	42.0	43.3	42.1	-	-	-	-	-	-
Iron ores	101	43.5	42.8	42.6	42.8	-	-	-	-	-	-
Copper ores	102	45.2	43.8	48.7	45.4	-	-	-	-	-	-
Coal mining	12	44.1	43.8	45.7	44.9	-	-	-	-	-	-
Bituminous coal and lignite mining	122	44.1	43.8	45.8	44.8	-	-	-	-	-	-
Oil and gas extraction	13	43.0	42.5	44.8	45.2	-	-	-	-	-	-
Crude petroleum and natural gas	131	42.4	41.7	43.0	42.3	-	-	-	-	-	-
Oil and gas field services	138	43.3	43.0	45.7	46.8	-	-	-	-	-	-
Nonmetallic minerals, except fuels	14	43.3	44.2	41.4	42.2	-	-	-	-	-	-
Crushed and broken stone	142	43.5	44.7	40.2	41.4	-	-	-	-	-	-
Construction		37.3	37.9	36.1	37.0	37.0	-	-	-	-	-
General building contractors	15	37.1	37.6	36.3	36.8	-	-	-	-	-	-
Residential building construction	152	36.2	37.0	35.0	35.6	-	-	-	-	-	-
Operative builders	153	38.1	38.3	36.3	36.5	-	-	-	-	-	-
Nonresidential building construction	154	37.9	38.3	37.6	38.0	-	-	-	-	-	-
Heavy construction, except building	16	40.7	41.4	36.9	39.9	-	-	-	-	-	-
Highway and street construction	161	39.1	40.1	34.5	38.9	-	-	-	-	-	-
Heavy construction, except highway	162	41.2	41.9	37.7	40.3	-	-	-	-	-	-
Special trade contractors	17	36.5	37.1	35.8	36.3	-	-	-	-	-	-
Plumbing, heating, and air conditioning	171	37.7	38.3	37.8	37.6	-	-	-	-	-	-
Painting and paper hanging	172	35.7	36.1	34.8	35.1	-	-	-	-	-	-
Electrical work	173	38.8	39.2	38.5	38.3	-	-	-	-	-	-
Masonry, stonework, and plastering	174	34.5	34.9	33.4	34.2	-	-	-	-	-	-
Carpentry and floor work	175	34.6	35.5	34.2	34.2	-	-	-	-	-	-
Roofing, siding, and sheet metal work	176	32.3	33.3	30.0	31.9	-	-	-	-	-	-
Manufacturing		40.4	40.7	40.2	39.9	40.1	3.4	3.5	3.2	3.0	3.1
Durable goods		41.0	41.4	40.7	40.4	40.5	3.4	3.7	3.2	3.0	3.1
Lumber and wood products	24	39.3	40.2	38.9	38.5	38.8	3.2	3.5	2.6	2.6	-
Logging	241	37.1	40.3	38.0	39.5	-	3.9	4.7	3.3	4.0	-
Sawmills and planing mills	242	40.9	41.1	40.1	39.9	-	4.1	4.2	3.5	3.4	-
Sawmills and planing mills, general	2421	41.3	41.5	40.4	40.4	-	4.5	4.6	3.8	3.8	-
Hardwood dimension and flooring mills	2426	39.4	39.7	38.8	37.7	-	2.7	2.9	2.2	2.1	-
Millwork, plywood, and structural members	243	39.4	40.0	38.5	37.3	-	2.7	3.0	2.1	1.8	-
Millwork	2431	39.1	39.2	38.0	36.8	-	1.9	2.2	1.5	1.3	-
Wood kitchen cabinets	2434	38.3	39.9	37.6	36.0	-	2.1	3.1	1.9	1.2	-
Hardwood veneer and plywood	2435	41.2	41.1	41.2	39.8	-	3.9	3.8	3.6	3.1	-
Softwood veneer and plywood	2436	42.3	42.6	41.5	40.0	-	5.0	4.9	3.5	3.1	-
Wood containers	244	38.5	39.4	39.4	39.0	-	3.1	3.4	2.9	2.6	-
Wood buildings and mobile homes	245	36.0	37.5	35.4	34.4	-	1.0	1.6	.8	.7	-
Mobile homes	2451	36.4	37.2	35.2	34.1	-	.8	1.5	.8	.5	-
Miscellaneous wood products	249	40.2	40.4	39.6	39.4	-	3.1	3.2	2.5	2.4	-
Furniture and fixtures	25	38.8	39.0	38.2	37.0	37.7	2.3	2.4	1.8	1.4	-
Household furniture	251	38.5	38.8	37.5	36.4	-	2.2	2.4	1.6	1.3	-
Wood household furniture	2511	39.1	39.4	38.0	36.8	-	2.6	2.5	1.8	1.5	-
Upholstered household furniture	2512	37.1	37.4	36.0	35.0	-	1.5	1.8	1.2	.8	-
Metal household furniture	2514	40.8	41.1	40.1	39.0	-	3.3	3.8	2.2	2.0	-
Mattresses and bedsprings	2515	39.5	39.3	37.8	38.0	-	3.1	3.0	1.7	1.6	-
Office furniture	252	39.0	38.2	38.2	35.4	-	2.2	2.0	1.9	1.1	-
Public building and related furniture	253	39.9	40.0	39.5	38.6	-	3.1	3.1	2.6	2.0	-
Partitions and fixtures	254	39.8	39.6	40.6	39.8	-	2.3	2.2	2.5	2.1	-
Miscellaneous furniture and fixtures	259	38.8	39.4	37.6	37.2	-	2.0	2.5	1.9	1.5	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Total private		\$9.91	\$9.93	\$10.24	\$10.24	\$10.26	\$338.92	\$340.60	\$346.11	\$347.14	\$348.84
Mining		13.46	13.57	14.16	14.06	14.12	582.82	583.51	628.70	624.26	621.28
Metal mining	10	13.70	13.80	14.73	14.77	-	579.51	579.60	637.81	621.82	-
Iron ores	101	13.66	13.86	16.22	15.56	-	594.21	593.21	690.97	665.97	-
Copper ores	102	11.94	12.33	13.38	13.19	-	539.69	540.05	651.61	598.83	-
Coal mining	12	16.66	16.58	17.20	16.95	-	734.71	726.20	786.04	761.06	-
Bituminous coal and lignite mining	122	16.82	16.71	17.37	17.10	-	741.76	731.90	795.55	766.08	-
Oil and gas extraction	13	12.52	12.75	13.27	13.29	-	538.36	541.88	594.50	600.71	-
Crude petroleum and natural gas	131	15.60	16.01	16.54	16.77	-	661.44	667.62	711.22	709.37	-
Oil and gas field services	138	10.77	10.90	11.61	11.58	-	466.34	468.70	530.58	541.94	-
Nonmetallic minerals, except fuels	14	11.26	11.40	11.77	11.66	-	487.56	503.88	487.28	492.05	-
Crushed and broken stone	142	10.65	10.84	10.96	10.92	-	463.28	484.55	440.59	452.09	-
Construction		13.59	13.63	13.97	13.86	13.85	506.91	516.58	504.32	512.82	512.45
General building contractors	15	12.82	12.85	13.17	13.16	-	475.62	483.16	478.07	484.29	-
Residential building construction	152	12.28	12.27	12.28	12.29	-	444.54	453.99	429.80	437.52	-
Operative builders	153	12.76	12.79	13.55	13.85	-	486.16	489.86	491.87	505.53	-
Nonresidential building construction	154	13.36	13.43	13.96	13.92	-	506.34	514.37	524.90	528.96	-
Heavy construction, except building	16	12.94	13.09	13.64	13.36	-	526.66	541.93	503.32	533.06	-
Highway and street construction	161	12.13	12.31	12.96	12.60	-	474.28	493.63	447.12	490.14	-
Heavy construction, except highway	162	13.17	13.33	13.83	13.60	-	542.60	558.53	521.39	548.08	-
Special trade contractors	17	14.08	14.11	14.36	14.28	-	513.92	523.48	514.09	518.36	-
Plumbing, heating, and air conditioning	171	14.32	14.35	14.62	14.68	-	539.86	549.61	552.64	551.97	-
Painting and paper hanging	172	13.20	13.16	13.12	13.07	-	471.24	475.08	456.58	458.76	-
Electrical work	173	14.91	15.02	15.24	15.19	-	578.51	588.78	586.74	581.78	-
Masonry, stonework, and plastering	174	13.96	14.15	14.13	14.02	-	481.62	493.84	471.94	479.48	-
Carpentry and floor work	175	14.12	13.90	14.09	14.15	-	488.55	493.45	481.88	483.93	-
Roofing, siding, and sheet metal work	176	12.19	12.23	12.33	12.08	-	393.74	407.26	369.90	385.35	-
Manufacturing		10.68	10.75	11.06	11.03	11.08	431.47	437.53	444.61	440.10	444.31
Durable goods		11.18	11.25	11.59	11.55	11.60	458.38	465.75	471.71	466.62	469.80
Lumber and wood products	24	8.95	9.05	9.12	9.11	9.14	351.74	363.81	354.77	350.74	354.63
Logging	241	10.91	11.28	10.87	10.91	-	404.76	454.58	413.06	430.95	-
Sawmills and planing mills	242	9.17	9.20	9.27	9.27	-	375.05	378.12	371.73	369.87	-
Sawmills and planing mills, general	2421	9.54	9.57	9.62	9.59	-	394.00	397.16	388.65	387.44	-
Hardwood dimension and flooring mills	2426	7.46	7.51	7.61	7.69	-	293.92	298.15	295.27	289.91	-
Millwork, plywood, and structural members	243	8.94	9.02	9.20	9.10	-	352.24	360.80	354.20	339.43	-
Millwork	2431	9.18	9.21	9.54	9.36	-	358.94	361.03	362.52	344.45	-
Wood kitchen cabinets	2434	8.35	8.55	8.59	8.56	-	319.81	341.15	322.98	308.16	-
Hardwood veneer and plywood	2435	7.57	7.57	7.81	7.80	-	311.88	311.13	321.77	310.44	-
Softwood veneer and plywood	2436	10.32	10.33	10.33	10.26	-	436.54	440.06	428.70	410.40	-
Wood containers	244	6.63	6.65	6.61	6.60	-	255.26	262.01	260.43	257.40	-
Wood buildings and mobile homes	245	8.37	8.53	8.75	8.82	-	301.32	319.88	309.75	303.41	-
Mobile homes	2451	8.40	8.64	8.84	8.89	-	305.76	321.41	311.17	303.15	-
Miscellaneous wood products	249	8.15	8.16	8.40	8.40	-	327.63	329.66	332.64	330.96	-
Furniture and fixtures	25	8.42	8.43	8.62	8.67	8.70	326.70	328.77	329.28	320.79	327.99
Household furniture	251	7.79	7.83	7.98	8.04	-	299.92	303.80	299.25	292.66	-
Wood household furniture	2511	7.32	7.30	7.55	7.60	-	286.21	287.62	286.90	279.68	-
Upholstered household furniture	2512	8.53	8.60	8.65	8.75	-	316.46	321.64	311.40	306.25	-
Metal household furniture	2514	7.71	7.86	7.97	7.97	-	314.57	323.05	319.60	310.83	-
Mattresses and bedsprings	2515	8.26	8.27	8.31	8.28	-	326.27	325.01	314.12	314.64	-
Office furniture	252	9.47	9.48	9.38	9.44	-	369.33	362.14	358.32	334.18	-
Public building and related furniture	253	8.97	8.94	9.46	9.41	-	357.90	357.60	373.67	363.23	-
Partitions and fixtures	254	9.71	9.71	9.93	9.94	-	386.46	384.52	403.16	395.61	-
Miscellaneous furniture and fixtures	259	8.76	8.78	9.09	9.20	-	339.89	345.93	341.78	342.24	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Durable goods—Continued											
Stone, clay, and glass products	32	41.0	41.5	40.1	40.7	40.9	4.4	4.7	3.7	3.8	-
Flat glass	321	42.9	43.3	43.7	40.8	-	5.2	5.8	5.0	3.0	-
Glass and glassware, pressed or blown	322	41.4	41.4	41.7	42.1	-	4.4	4.5	4.4	4.5	-
Glass containers	3221	41.6	41.8	42.3	42.6	-	5.3	5.3	5.5	5.4	-
Pressed and blown glass, nec	3229	41.2	41.0	41.0	41.5	-	3.5	3.6	3.3	3.5	-
Products of purchased glass	323	39.7	40.1	40.5	39.5	-	2.2	2.9	2.5	1.8	-
Cement, hydraulic	324	42.8	43.1	43.0	42.6	-	5.4	5.3	5.3	4.8	-
Structural clay products	325	40.5	40.5	39.8	39.8	-	3.3	3.4	2.5	2.4	-
Pottery and related products	326	39.8	39.4	39.1	38.7	-	2.6	2.5	2.3	2.2	-
Concrete, gypsum, and plaster products	327	40.7	42.0	38.4	40.4	-	5.2	5.9	3.6	4.5	-
Concrete block and brick	3271	43.4	44.3	39.1	40.3	-	6.1	7.1	3.8	3.8	-
Concrete products, nec	3272	41.9	42.6	40.3	41.4	-	5.3	5.5	4.0	4.4	-
Ready-mixed concrete	3273	38.1	40.3	35.6	39.0	-	4.4	5.4	2.9	4.4	-
Misc. nonmetallic mineral products	329	42.5	42.2	41.4	41.3	-	5.1	4.8	4.6	4.3	-
Abrasive products	3291	42.7	42.3	41.0	40.7	-	3.4	3.4	3.6	3.2	-
Asbestos products	3292	40.5	40.5	39.8	38.9	-	4.0	4.1	3.7	3.2	-
Primary metal industries											
Blast furnaces and basic steel products	33	42.3	42.7	42.1	41.4	41.2	4.6	4.8	4.4	4.1	-
Blast furnaces and steel mills	3312	42.7	42.9	42.7	41.3	40.7	5.2	5.2	4.7	4.2	-
Steel pipe and tubes	3317	42.8	42.9	43.0	41.2	-	5.2	5.2	4.9	4.3	-
Iron and steel foundries	332	43.7	44.4	43.0	41.6	-	6.2	6.5	4.4	3.8	-
Gray and ductile iron foundries	3321	41.8	42.3	41.3	40.6	-	4.1	4.6	4.1	3.5	-
Malleable iron foundries	3322	41.8	42.5	41.2	40.0	-	4.3	4.9	4.1	3.4	-
Steel foundries, nec	3325	40.0	40.5	43.5	42.2	-	3.2	3.4	4.9	4.4	-
Primary nonferrous metals	333	41.7	41.8	40.7	41.2	-	4.1	4.3	3.8	3.5	-
Primary aluminum	3334	43.9	44.2	44.2	43.6	-	4.7	4.9	5.5	5.0	-
Nonferrous rolling and drawing	335	43.0	43.6	43.5	43.3	-	4.5	5.1	5.5	5.2	-
Copper rolling and drawing	3351	43.2	43.5	42.2	42.2	-	5.5	5.6	5.0	5.0	-
Aluminum sheet, plate, and foil	3353	44.0	43.9	41.3	41.6	-	6.1	5.9	4.4	5.2	-
Nonferrous wire drawing and insulating	3357	44.3	44.4	44.0	44.2	-	7.6	7.5	7.4	7.3	-
Nonferrous foundries (castings)	336	42.2	42.4	41.1	40.7	-	4.5	4.8	4.2	4.0	-
Aluminum foundries	3365	39.5	40.3	40.5	40.1	-	2.4	2.9	2.7	2.7	-
Aluminum foundries	3365	39.5	41.1	40.5	40.0	-	2.4	3.3	3.0	2.8	-
Fabricated metal products											
Metal cans and shipping containers	34	41.1	41.5	40.7	40.4	40.3	3.4	3.6	3.1	2.9	-
Metal cans	341	43.6	43.6	43.3	42.8	-	4.8	5.1	5.0	4.8	-
Metal cans	3411	43.9	43.9	43.9	43.0	-	4.9	5.2	5.1	4.8	-
Cutlery, handtools, and hardware	342	41.0	41.2	40.1	39.9	-	2.9	3.1	2.3	2.2	-
Hand and edge tools, and blades and handsaws	3423,5	41.1	41.3	39.6	39.4	-	3.0	3.0	2.1	2.0	-
Hardware, nec	3429	40.3	40.5	39.9	39.4	-	2.6	2.7	2.1	1.9	-
Plumbing and heating, except electric	343	40.6	41.5	39.6	39.2	-	3.2	3.1	2.4	2.2	-
Plumbing fixture fittings and trim	3432	41.0	42.1	40.7	40.2	-	3.0	3.1	3.2	2.8	-
Heating equipment, except electric	3433	38.7	39.5	37.5	36.7	-	2.1	1.9	1.3	1.0	-
Fabricated structural metal products	344	40.5	40.8	40.2	39.8	-	3.3	3.4	2.8	2.6	-
Fabricated structural metal	3441	41.7	42.0	40.6	40.7	-	3.8	3.8	3.1	3.0	-
Metal doors, sash, and trim	3442	37.8	39.1	37.6	36.6	-	1.4	2.0	1.2	.9	-
Fabricated plate work (boiler shops)	3443	42.3	42.2	42.4	42.2	-	4.7	4.6	4.0	3.9	-
Sheet metal work	3444	40.0	40.3	39.9	39.8	-	2.7	2.9	2.7	2.5	-
Architectural metal work	3446	39.2	38.9	39.3	37.9	-	3.7	3.4	2.3	2.2	-
Screw machine products, bolts, etc	345	41.8	42.4	41.1	41.0	-	4.1	4.6	3.5	3.2	-
Screw machine products	3451	40.3	41.0	40.4	40.2	-	3.2	3.7	2.8	2.7	-
Bolts, nuts, rivets, and washers	3452	43.3	43.8	41.9	41.8	-	5.1	5.5	4.1	3.6	-
Metal forgings and stampings	346	40.9	42.2	40.8	40.8	-	3.2	3.9	2.9	2.8	-
Iron and steel forgings	3462	41.9	42.6	42.1	42.6	-	3.7	4.2	3.5	3.8	-
Automotive stampings	3465	40.6	43.0	40.6	40.1	-	2.8	4.3	2.5	2.3	-
Metal stampings, nec	3469	40.7	40.8	40.3	40.3	-	3.4	3.4	2.9	2.7	-
Metal services, nec	347	40.7	40.9	40.4	40.4	-	3.6	3.7	3.5	3.4	-
Plating and polishing	3471	39.9	40.3	39.6	39.6	-	3.0	3.2	2.8	2.7	-
Metal coating and allied services	3479	42.2	42.1	41.9	41.9	-	4.7	4.7	4.7	4.6	-
Ordnance and accessories, nec	348	41.9	41.4	41.0	41.5	-	3.4	3.2	3.8	4.2	-
Ammunition, except for small arms, nec	3483	40.3	40.3	41.0	41.5	-	2.7	2.6	3.3	3.6	-
Misc. fabricated metal products	349	41.4	41.5	41.0	40.6	-	3.5	3.5	3.2	2.9	-
Valves and pipe fittings, nec	3494	43.2	42.5	42.3	42.0	-	3.9	3.4	4.1	3.9	-
Misc. fabricated wire products	3496	40.0	40.4	39.8	39.4	-	3.0	3.2	2.6	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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Durable goods—Continued											
Stone, clay, and glass products	32	\$10.93	\$11.03	\$11.27	\$11.23	\$11.25	\$448.13	\$457.75	\$451.93	\$457.06	\$460.13
Flat glass	321	14.75	15.12	15.10	15.04	-	632.78	654.70	659.87	613.63	-
Glass and glassware, pressed or blown	322	12.14	12.12	12.64	12.58	-	502.60	501.77	527.09	529.62	-
Glass containers	3221	12.76	12.72	13.31	13.21	-	530.82	531.70	563.01	562.75	-
Pressed and blown glass, nec	3229	11.46	11.46	11.88	11.87	-	472.15	469.86	487.08	492.61	-
Products of purchased glass	323	9.36	9.52	9.81	9.74	-	371.59	381.75	397.31	384.73	-
Cement, hydraulic	324	13.95	13.97	14.21	14.04	-	597.06	602.11	611.03	598.10	-
Structural clay products	325	9.45	9.50	9.51	9.58	-	382.73	384.75	378.50	381.28	-
Pottery and related products	326	9.56	9.60	9.70	9.65	-	380.49	378.24	379.27	373.46	-
Concrete, gypsum, and plaster products	327	10.53	10.72	10.81	10.81	-	428.57	450.24	415.10	436.72	-
Concrete block and brick	3271	9.38	9.62	9.98	9.81	-	407.09	426.17	390.22	395.34	-
Concrete products, nec	3272	9.50	9.59	9.77	9.71	-	398.05	408.53	393.73	401.99	-
Ready-mixed concrete	3273	11.49	11.70	11.75	11.75	-	437.77	471.51	418.30	458.25	-
Misc. nonmetallic mineral products	329	11.52	11.56	11.66	11.60	-	489.60	487.83	482.72	479.08	-
Abrasive products	3291	10.33	10.42	10.51	10.36	-	441.09	440.77	430.91	421.65	-
Asbestos products	3292	10.72	10.94	11.26	11.17	-	434.16	443.07	448.15	434.51	-
Primary metal industries	33	12.66	12.71	13.15	13.01	13.10	535.52	542.72	553.62	538.61	539.72
Blast furnaces and basic steel products	331	14.62	14.56	15.06	14.96	15.06	624.27	624.62	643.06	617.85	612.94
Blast furnaces and steel mills	3312	15.41	15.35	15.85	15.78	-	659.55	658.52	681.55	650.14	-
Steel pipe and tubes	3317	11.73	11.75	12.06	12.02	-	512.60	521.70	518.58	500.03	-
Iron and steel foundries	332	11.30	11.48	11.76	11.33	-	472.34	485.60	485.69	460.00	-
Gray and ductile iron foundries	3321	11.71	11.96	12.25	11.62	-	489.48	508.30	504.70	464.80	-
Malleable iron foundries	3322	12.21	12.50	12.73	12.58	-	488.40	506.25	553.76	530.88	-
Steel foundries, nec	3325	10.93	10.90	11.03	10.95	-	455.78	455.62	448.92	451.14	-
Primary nonferrous metals	333	13.99	14.04	14.63	14.58	-	614.16	620.57	646.65	635.69	-
Primary aluminum	3334	14.28	14.37	14.70	14.70	-	614.04	626.53	639.45	636.51	-
Nonferrous rolling and drawing	335	11.96	12.13	12.50	12.53	-	516.67	527.66	527.50	528.77	-
Copper rolling and drawing	3351	11.31	11.47	11.62	11.61	-	497.64	503.53	479.91	482.98	-
Aluminum sheet, plate, and foil	3353	14.78	14.87	15.64	15.52	-	654.75	660.23	688.16	685.98	-
Nonferrous wire drawing and insulating	3357	11.76	12.02	12.14	12.20	-	496.27	509.65	498.95	496.54	-
Nonferrous foundries (castings)	336	10.08	10.15	10.51	10.43	-	398.16	409.05	425.66	418.24	-
Aluminum foundries	3365	9.59	9.67	10.16	10.16	-	378.81	397.44	411.48	406.40	-
Fabricated metal products	34	10.70	10.75	11.01	11.01	11.04	439.77	446.13	448.11	444.80	444.91
Metal cans and shipping containers	341	14.07	14.21	14.43	14.44	-	613.45	619.56	624.82	618.03	-
Metal cans	3411	14.91	15.05	15.23	15.29	-	654.55	660.70	668.60	657.47	-
Cutlery, handtools, and hardware	342	10.68	10.81	10.85	10.79	-	437.88	445.37	435.09	430.52	-
Hand and edge tools, and blades and handsaws	3423,5	9.94	9.97	10.18	10.12	-	408.53	411.76	403.13	398.73	-
Hardware, nec	3429	11.00	11.20	11.03	10.92	-	443.30	453.60	440.10	430.25	-
Plumbing and heating, except electric	343	9.69	9.64	9.84	9.87	-	393.41	400.06	389.66	386.90	-
Plumbing fixture fittings and trim	3432	9.30	9.22	9.61	9.53	-	381.30	388.16	391.13	383.11	-
Heating equipment, except electric	3433	9.61	9.57	9.64	9.73	-	371.91	378.02	361.50	357.09	-
Fabricated structural metal products	344	10.08	10.06	10.37	10.40	-	408.24	410.45	416.87	413.92	-
Fabricated structural metal	3441	10.27	10.29	10.34	10.30	-	428.26	432.18	419.80	419.21	-
Metal doors, sash, and trim	3442	8.47	8.50	8.68	8.71	-	320.17	332.35	326.37	318.79	-
Fabricated plate work (boiler shops)	3443	10.99	10.97	11.14	11.16	-	464.88	462.93	472.34	470.95	-
Sheet metal work	3444	10.23	10.22	10.75	10.79	-	409.20	411.87	428.93	429.44	-
Architectural metal work	3446	9.56	9.62	10.24	10.42	-	374.75	374.22	402.43	394.92	-
Screw machine products, bolts, etc	345	10.47	10.51	10.86	10.88	-	437.65	445.62	446.35	446.08	-
Screw machine products	3451	9.89	9.94	10.11	10.14	-	398.57	407.54	408.44	407.63	-
Bolts, nuts, rivets, and washers	3452	11.03	11.07	11.62	11.64	-	477.80	484.87	486.88	486.55	-
Metal forgings and stampings	346	12.53	12.68	12.88	12.81	-	512.48	535.10	525.50	522.65	-
Iron and steel forgings	3462	12.92	13.07	12.91	12.87	-	541.35	556.78	543.51	548.26	-
Automotive stampings	3465	14.18	14.34	14.68	14.60	-	575.71	616.62	596.01	585.46	-
Metal stampings, nec	3469	10.09	10.03	10.39	10.42	-	410.66	409.22	418.72	419.93	-
Metal services, nec	347	8.82	8.88	9.17	9.24	-	358.97	363.19	370.47	373.30	-
Plating and polishing	3471	8.74	8.76	9.05	9.13	-	348.73	353.03	358.38	361.55	-
Metal coating and allied services	3479	8.95	9.09	9.37	9.42	-	377.69	382.69	392.60	394.70	-
Ordnance and accessories, nec	348	11.88	11.80	12.14	12.46	-	497.77	488.52	497.74	517.09	-
Ammunition, except for small arms, nec	3483	11.54	11.48	11.61	12.32	-	465.06	462.64	476.01	511.28	-
Misc. fabricated metal products	349	10.07	10.06	10.46	10.39	-	416.90	417.49	428.86	421.83	-
Valves and pipe fittings, nec	3494	10.54	10.44	10.72	10.67	-	455.33	443.70	453.46	448.14	-
Misc. fabricated wire products	3496	8.73	8.76	9.07	8.94	-	349.20	353.90	360.99	352.24	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Durable goods—Continued											
Industrial machinery and equipment	35	42.0	42.1	41.7	41.4	41.6	4.0	4.0	3.7	3.5	-
Engines and turbines	351	43.7	43.2	42.6	41.3	-	4.9	4.4	4.0	3.2	-
Turbines and turbine generator sets	3511	43.7	43.5	43.5	42.9	-	5.0	5.1	4.5	4.6	-
Internal combustion engines, nec	3519	43.7	43.1	42.2	40.7	-	4.8	4.1	3.8	2.7	-
Farm and garden machinery	352	43.0	42.4	41.3	40.6	-	4.6	4.7	3.0	2.9	-
Farm machinery and equipment	3523	42.4	41.9	40.8	40.2	-	4.5	4.4	3.1	3.3	-
Construction and related machinery	353	42.5	42.4	42.6	42.5	-	4.1	4.0	4.0	3.6	-
Construction machinery	3531	42.7	42.4	41.2	42.0	-	3.7	3.7	1.8	2.0	-
Mining machinery	3532	42.2	42.9	40.8	41.1	-	4.3	5.0	3.8	3.3	-
Oil and gas field machinery	3533	44.7	45.3	47.4	46.9	-	6.2	6.0	7.9	6.6	-
Conveyors and conveying equipment	3535	41.4	41.3	41.8	42.2	-	4.1	4.1	4.7	4.9	-
Industrial trucks and tractors	3537	40.0	39.6	39.9	39.2	-	2.2	1.7	2.1	1.8	-
Metalworking machinery	354	42.7	42.7	42.6	42.1	-	4.7	4.6	4.6	4.3	-
Machine tools, metal cutting types	3541	42.5	42.3	42.1	42.0	-	4.3	4.3	4.2	4.1	-
Machine tools, metal forming types	3542	43.6	43.0	42.9	40.9	-	5.8	5.3	4.0	3.1	-
Special dies, tools, jigs, and fixtures	3544	43.4	43.4	43.3	42.6	-	5.6	5.5	5.7	5.4	-
Machine tool accessories	3545	41.6	41.6	41.1	40.9	-	3.7	3.6	3.0	2.8	-
Power driven handtools	3546	42.0	41.8	42.6	42.0	-	3.4	3.0	2.9	2.9	-
Special industry machinery	355	42.3	42.5	41.5	41.2	-	4.3	4.3	3.6	3.5	-
Textile machinery	3552	43.2	42.8	41.7	41.1	-	4.0	3.9	2.9	3.0	-
Printing trades machinery	3555	39.4	38.9	37.9	37.6	-	4.4	4.2	2.9	3.2	-
Food products machinery	3556	41.2	41.7	42.1	41.9	-	3.5	3.8	4.1	4.1	-
General industrial machinery	356	41.6	41.6	41.4	41.2	-	3.7	3.8	3.6	3.5	-
Pumps and pumping equipment	3561	40.6	40.7	40.8	40.7	-	3.7	3.7	3.6	3.4	-
Ball and roller bearings	3562	42.7	42.2	41.9	41.3	-	4.3	4.6	3.8	4.0	-
Air and gas compressors	3563	43.4	43.5	44.5	43.8	-	4.3	4.6	4.7	4.5	-
Blowers and fans	3564	39.4	39.2	40.0	39.6	-	2.2	1.9	2.6	2.4	-
Speed changers, drives, and gears	3566	41.4	41.8	41.0	41.4	-	4.4	5.0	4.9	4.6	-
Power transmission equipment, nec	3568	43.3	43.0	40.2	40.6	-	4.6	4.4	3.2	3.6	-
Computer and office equipment	357	41.4	41.8	41.1	41.0	-	3.0	3.2	2.6	2.7	-
Electronic computers	3571	41.5	41.6	40.7	41.2	-	3.1	3.1	3.0	3.3	-
Computer terminals, calculators, and office machines, nec	3575,8,9	39.7	39.8	40.1	40.4	-	2.1	2.7	2.4	3.1	-
Refrigeration and service machinery	358	40.1	39.7	40.2	39.9	-	2.3	2.2	2.4	2.0	-
Refrigeration and heating equipment	3585	40.0	39.5	40.3	39.7	-	2.3	2.1	2.5	2.0	-
Misc. industrial and commercial machinery	359	42.0	42.5	41.7	41.7	-	4.3	4.4	4.4	4.2	-
Carburetors, pistons, rings, valves	3592	40.6	41.4	41.4	40.2	-	2.8	3.3	3.7	2.8	-
Scales, balances, and industrial machinery, nec	3596,9	42.0	42.5	41.6	41.9	-	4.4	4.5	4.5	4.4	-
Electronic and other electrical equipment	36	40.9	41.0	40.5	40.3	40.2	3.0	3.0	3.0	2.9	-
Electric distribution equipment	361	41.4	41.2	41.6	40.8	-	2.7	2.7	3.0	2.6	-
Transformers, except electronic	3612	42.1	41.8	41.7	40.9	-	3.2	3.2	2.9	2.5	-
Switchgear and switchboard apparatus	3613	40.7	40.6	41.4	40.6	-	2.2	2.2	3.0	2.5	-
Electrical industrial apparatus	362	41.7	41.4	42.1	41.6	-	3.2	3.2	3.1	2.9	-
Motors and generators	3621	41.5	41.1	41.8	41.3	-	3.4	3.4	3.3	2.9	-
Relays and industrial controls	3625	41.6	41.2	42.1	41.6	-	2.8	2.5	2.7	2.6	-
Household appliances	363	39.8	39.6	39.1	38.7	-	2.5	2.3	2.1	2.0	-
Household refrigerators and freezers	3632	38.5	38.6	39.0	38.3	-	2.3	2.5	1.4	1.8	-
Household laundry equipment	3633	41.5	40.4	41.4	40.2	-	3.2	1.7	2.5	2.1	-
Electric housewares and fans	3634	39.7	40.2	37.1	37.7	-	1.7	2.1	1.2	1.4	-
Electric lighting and wiring equipment	364	40.3	40.2	39.6	39.7	-	2.9	3.0	2.6	2.3	-
Electric lamps	3641	40.9	40.8	40.7	41.2	-	3.2	3.3	3.3	3.3	-
Current-carrying wiring devices	3643	40.2	40.1	39.1	39.5	-	3.1	3.0	2.4	2.4	-
Noncurrent-carrying wiring devices	3644	40.8	41.6	40.5	41.2	-	2.2	2.6	2.1	2.1	-
Residential lighting fixtures	3645	39.0	39.2	37.1	37.1	-	2.4	2.4	1.4	1.2	-
Household audio and video equipment	365	39.9	40.6	40.0	38.1	-	2.1	2.9	2.5	2.2	-
Household audio and video equipment	3651	40.2	40.4	40.7	38.5	-	1.2	2.0	1.9	1.5	-
Communications equipment	366	43.1	43.4	41.8	41.9	-	2.9	2.6	3.9	3.9	-
Telephone and telegraph apparatus	3661	44.6	45.1	43.5	43.7	-	3.0	2.6	5.3	5.3	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Durable goods—Continued											
Industrial machinery and equipment	35	\$11.60	\$11.64	\$12.05	\$12.04	\$12.12	\$487.20	\$490.04	\$502.49	\$498.46	\$504.19
Engines and turbines	351	14.37	14.41	15.02	14.88	-	627.97	622.51	639.85	614.54	-
Turbines and turbine generator sets	3511	14.56	14.62	15.24	15.22	-	636.27	635.97	662.94	652.94	-
Internal combustion engines, nec	3519	14.30	14.34	14.93	14.74	-	624.91	618.05	630.05	599.92	-
Farm and garden machinery	352	10.73	10.79	10.86	11.13	-	461.39	457.50	448.52	451.88	-
Farm machinery and equipment	3523	11.97	12.03	12.02	12.34	-	507.53	504.06	490.42	496.07	-
Construction and related machinery	353	11.72	11.76	12.23	12.26	-	498.10	498.62	521.00	521.05	-
Construction machinery	3531	13.07	13.15	14.26	14.21	-	558.09	557.56	587.51	596.82	-
Mining machinery	3532	11.65	11.76	12.21	12.17	-	491.63	504.50	498.17	500.19	-
Oil and gas field machinery	3533	11.32	11.22	11.39	11.33	-	506.00	508.27	539.89	531.38	-
Conveyors and conveying equipment	3535	10.47	10.53	11.04	11.16	-	433.46	434.89	461.47	470.95	-
Industrial trucks and tractors	3537	10.22	10.23	10.50	10.59	-	408.80	405.11	418.95	415.13	-
Metalworking machinery	354	12.08	12.10	12.60	12.57	-	515.82	516.67	536.76	529.20	-
Machine tools, metal cutting types	3541	11.93	12.04	12.69	12.60	-	507.03	509.29	534.25	529.20	-
Machine tools, metal forming types	3542	12.39	12.32	12.57	12.37	-	540.20	529.76	539.25	505.93	-
Special dies, tools, jigs, and fixtures	3544	12.80	12.77	13.25	13.18	-	555.52	554.22	573.73	561.47	-
Machine tool accessories	3545	10.63	10.74	11.13	11.12	-	442.21	446.78	457.44	454.81	-
Power driven handtools	3546	9.70	9.73	10.34	10.39	-	407.40	406.71	440.48	436.38	-
Special industry machinery	355	11.74	11.84	12.07	12.11	-	496.60	503.20	500.91	498.93	-
Textile machinery	3552	10.03	10.02	10.26	10.37	-	433.30	428.86	427.84	426.21	-
Printing trades machinery	3555	13.64	13.86	13.81	13.91	-	537.42	539.15	523.40	523.02	-
Food products machinery	3556	11.58	11.69	11.87	12.02	-	477.10	487.47	499.73	503.64	-
General industrial machinery	356	11.10	11.17	11.53	11.52	-	461.76	464.67	477.34	474.62	-
Pumps and pumping equipment	3561	11.57	11.66	12.01	12.11	-	469.74	474.56	490.01	492.88	-
Ball and roller bearings	3562	11.64	11.79	12.22	12.23	-	497.03	497.54	512.02	505.10	-
Air and gas compressors	3563	11.38	11.57	12.05	11.97	-	493.89	503.30	536.23	524.29	-
Blowers and fans	3564	9.97	9.90	10.10	10.14	-	392.82	388.08	404.00	401.54	-
Speed changers, drives, and gears	3566	11.51	11.61	12.14	12.12	-	476.51	485.30	497.74	501.77	-
Power transmission equipment, nec	3568	10.56	10.62	11.11	11.16	-	457.25	456.66	446.62	451.10	-
Computer and office equipment	357	11.30	11.31	12.08	12.09	-	467.82	472.76	496.49	495.69	-
Electronic computers	3571	11.71	11.84	12.69	12.63	-	485.97	492.54	516.48	520.36	-
Computer terminals, calculators, and office machines, nec	3575,8,9	10.60	10.82	11.55	11.76	-	420.82	430.64	463.16	475.10	-
Refrigeration and service machinery	358	10.74	10.82	11.11	11.08	-	430.67	429.55	448.62	442.09	-
Refrigeration and heating equipment	3585	10.84	10.94	11.33	11.27	-	433.60	432.13	456.60	447.42	-
Misc. industrial and commercial machinery	359	11.52	11.51	11.76	11.71	-	483.84	489.18	490.39	488.31	-
Carburetors, pistons, rings, valves	3592	12.78	12.82	12.31	12.04	-	518.87	530.75	509.63	484.01	-
Scales, balances, and industrial machinery, nec	3596,9	11.16	11.15	11.49	11.44	-	468.72	473.88	477.98	479.34	-
Electronic and other electrical equipment	36	10.16	10.17	10.60	10.60	10.60	415.54	416.97	429.30	427.18	426.12
Electric distribution equipment	361	9.96	9.99	10.50	10.44	-	412.34	411.59	436.80	425.95	-
Transformers, except electronic	3612	9.72	9.71	10.02	9.98	-	409.21	405.88	417.83	408.18	-
Switchgear and switchboard apparatus	3613	10.23	10.28	11.00	10.94	-	416.36	417.37	455.40	444.16	-
Electrical industrial apparatus	362	9.97	9.99	10.21	10.22	-	415.75	413.59	429.84	425.15	-
Motors and generators	3621	10.00	10.04	9.96	9.88	-	415.00	412.64	416.33	408.04	-
Relays and industrial controls	3625	9.95	9.94	10.62	10.78	-	413.92	409.53	447.10	448.45	-
Household appliances	363	10.31	10.19	10.40	10.40	-	410.34	403.52	406.64	402.48	-
Household refrigerators and freezers	3632	11.83	11.41	11.65	11.73	-	455.46	440.43	454.35	449.26	-
Household laundry equipment	3633	12.23	12.08	12.64	12.55	-	507.55	488.03	523.30	504.51	-
Electric housewares and fans	3634	7.66	7.62	7.74	7.76	-	304.10	306.32	287.15	292.55	-
Electric lighting and wiring equipment	364	10.00	10.07	10.28	10.30	-	403.00	404.81	407.09	408.91	-
Electric lamps	3641	11.44	11.42	11.48	11.62	-	487.90	465.94	467.24	478.74	-
Current-carrying wiring devices	3643	9.91	9.92	10.21	10.26	-	398.38	397.79	399.21	405.27	-
Noncurrent-carrying wiring devices	3644	9.44	9.46	9.58	9.61	-	385.15	393.54	387.99	395.93	-
Residential lighting fixtures	3645	7.41	7.35	7.83	7.71	-	288.99	288.12	290.49	286.04	-
Household audio and video equipment	365	9.26	9.49	10.50	10.51	-	369.47	385.29	420.00	400.43	-
Household audio and video equipment	3651	9.66	9.93	10.91	11.00	-	388.33	401.17	444.04	423.50	-
Communications equipment	366	11.02	10.92	11.50	11.52	-	474.96	473.93	480.70	482.69	-
Telephone and telegraph apparatus	3661	11.46	11.34	12.22	12.23	-	511.12	511.43	531.57	534.45	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Durable goods—Continued											
Electronic and other electrical equipment—Continued											
Electric components and accessories	367	40.4	40.8	39.9	40.3	-	3.5	3.5	3.3	3.5	-
Electron tubes	3671	42.0	41.3	41.3	40.8	-	4.4	4.0	3.7	3.8	-
Semiconductors and related devices	3674	40.6	41.0	39.9	41.0	-	4.3	4.4	4.2	4.8	-
Electronic components, nec	3679	39.9	39.9	39.2	39.8	-	2.7	2.7	2.6	2.8	-
Misc. electrical equipment and supplies	369	40.5	40.6	40.7	40.0	-	2.8	2.8	2.7	2.3	-
Storage batteries	3691	39.7	39.8	40.2	39.5	-	2.1	2.0	2.4	2.2	-
Engine electrical equipment	3694	40.4	40.8	40.1	39.6	-	2.9	3.3	2.3	1.9	-
Transportation equipment	37	41.4	42.3	41.4	40.8	40.9	3.5	4.1	3.2	2.8	-
Motor vehicles and equipment	371	41.2	42.7	41.2	40.4	40.6	3.0	4.1	2.9	2.4	-
Motor vehicles and car bodies	3711	41.5	42.5	42.0	41.2	-	2.9	3.7	3.5	2.9	-
Truck and bus bodies	3713	40.0	40.7	41.0	40.8	-	2.2	3.5	2.7	2.7	-
Motor vehicle parts and accessories	3714	41.4	43.3	41.0	40.0	-	3.2	4.6	2.7	2.0	-
Truck trailers	3715	38.8	40.2	40.2	40.7	-	2.2	2.7	2.2	2.4	-
Aircraft and parts	372	42.7	42.8	42.1	41.6	-	4.8	4.8	4.0	3.7	-
Aircraft	3721	42.6	42.7	42.1	41.1	-	4.7	4.7	4.3	3.8	-
Aircraft engines and engine parts	3724	42.6	42.8	42.0	41.8	-	5.0	5.0	3.8	3.8	-
Aircraft parts and equipment, nec	3728	42.9	42.8	42.1	42.1	-	4.7	4.7	3.5	3.5	-
Ship and boat building and repairing	373	39.7	40.4	40.4	39.9	-	2.6	3.1	2.7	2.3	-
Ship building and repairing	3731	40.3	41.0	41.6	41.0	-	2.8	3.4	3.0	2.5	-
Boat building and repairing	3732	38.7	39.3	37.7	37.3	-	2.3	2.6	2.0	1.8	-
Railroad equipment	374	40.6	41.8	41.4	41.9	-	2.9	3.2	2.1	2.4	-
Guided missiles, space vehicles, and parts	376	42.8	42.4	42.7	42.9	-	4.1	4.0	3.5	3.6	-
Guided missiles and space vehicles	3761	42.9	42.3	43.1	43.4	-	4.2	4.1	3.8	4.1	-
Misc. transportation equipment	379	39.1	39.7	38.8	37.8	-	2.2	2.6	1.9	1.4	-
Travel trailers and campers	3792	37.5	38.6	37.6	35.0	-	1.0	1.5	.9	.6	-
Instruments and related products	38	41.0	41.2	40.8	41.0	41.0	2.6	2.8	2.8	2.9	-
Search and navigation equipment	381	40.9	41.1	40.9	41.1	-	2.3	2.4	2.5	2.5	-
Measuring and controlling devices	382	41.3	41.4	40.9	41.0	-	2.6	2.7	2.4	2.5	-
Environmental controls	3822	40.3	40.6	40.2	39.7	-	2.1	2.1	2.2	2.1	-
Process control instruments	3823	42.7	43.0	41.3	41.9	-	3.8	3.9	2.8	3.3	-
Instruments to measure electricity	3825	40.2	40.3	40.6	40.5	-	2.0	2.2	2.0	1.9	-
Medical instruments and supplies	384	40.9	41.3	40.7	40.8	-	2.7	3.1	3.3	3.5	-
Surgical and medical instruments	3841	41.1	41.1	39.9	40.8	-	2.6	3.3	3.6	4.0	-
Surgical appliances and supplies	3842	40.4	41.1	40.9	40.6	-	2.3	2.6	3.1	3.2	-
Ophthalmic goods	385	40.1	39.7	39.2	39.4	-	2.8	2.6	1.9	1.6	-
Photographic equipment and supplies	386	41.0	41.2	42.5	42.5	-	3.1	3.1	4.1	4.0	-
Watches, clocks, watchcases, and parts	387	39.0	39.0	38.1	38.3	-	2.4	1.8	1.4	.9	-
Miscellaneous manufacturing industries	39	39.2	39.4	38.8	39.0	39.1	2.3	2.5	2.1	2.0	-
Jewelry, silverware, and plated ware	391	37.5	38.0	37.1	37.3	-	1.1	1.4	1.3	1.1	-
Jewelry, precious metal	3911	36.8	37.5	36.6	36.8	-	.9	1.2	1.5	1.0	-
Musical instruments	393	39.7	40.0	38.9	38.8	-	2.2	2.3	1.6	1.8	-
Toys and sporting goods	394	39.1	39.8	39.6	39.5	-	2.5	2.7	2.7	2.4	-
Dolls, games, toys, and children's vehicles	3942,4	38.4	38.5	39.0	39.4	-	1.9	2.0	2.6	2.5	-
Sporting and athletic goods, nec	3949	39.7	40.6	40.1	39.6	-	2.9	3.1	2.8	2.3	-
Pens, pencils, office, and art supplies	395	40.6	40.3	40.1	40.6	-	2.6	2.3	2.0	2.1	-
Costume jewelry and notions	396	39.7	39.5	38.1	38.5	-	2.2	2.6	.7	1.2	-
Costume jewelry	3961	39.9	39.2	37.7	38.5	-	2.4	2.7	.7	1.4	-
Miscellaneous manufactures	399	39.4	39.2	38.6	39.0	-	2.5	2.7	2.3	2.3	-
Signs and advertising specialties	3993	40.0	40.0	38.9	38.4	-	2.8	3.0	2.2	2.2	-
Nondurable goods		39.6	39.8	39.6	39.4	39.5	3.2	3.4	3.3	3.1	3.2
Food and kindred products	20	39.8	40.1	40.4	39.7	40.1	3.7	3.9	4.2	3.7	-
Meat products	201	38.9	39.1	40.3	38.4	-	3.4	3.6	4.0	3.1	-
Meat packing plants	2011	39.6	40.2	42.2	39.4	-	3.8	4.2	5.4	3.4	-
Sausages and other prepared meats	2013	40.0	40.9	41.1	40.3	-	4.2	4.5	4.6	4.2	-
Poultry slaughtering and processing	2015	38.0	37.8	38.6	37.1	-	2.8	2.8	2.9	2.5	-
Dairy products	202	40.7	41.2	40.6	40.3	-	4.2	4.4	4.1	3.9	-
Cheese, natural and processed	2022	38.3	39.5	38.9	38.4	-	3.5	3.5	3.4	3.1	-
Fluid milk	2026	41.4	41.7	41.0	40.6	-	4.5	4.7	4.3	4.0	-
Preserved fruits and vegetables	203	39.6	39.8	40.0	40.1	-	3.6	3.3	3.7	3.4	-
Canned specialties	2032	42.4	41.0	44.3	42.7	-	5.8	3.3	7.7	5.8	-
Canned fruits and vegetables	2033	39.0	39.1	39.5	39.4	-	3.0	3.1	3.0	2.7	-
Frozen fruits and vegetables	2037	38.6	39.0	37.5	38.8	-	3.1	3.2	3.3	3.0	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Durable goods—Continued											
Electronic and other electrical equipment—Continued											
Electric components and accessories	367	\$9.83	\$9.84	\$10.29	\$10.32	-	\$397.13	\$401.47	\$410.57	\$415.90	-
Electron tubes	3671	11.76	11.87	12.03	12.27	-	493.92	490.23	496.84	500.62	-
Semiconductors and related devices	3674	11.91	12.00	12.61	12.51	-	483.55	492.00	503.14	512.91	-
Electronic components, nec	3679	9.29	9.29	9.52	9.53	-	370.67	370.67	373.18	379.29	-
Misc. electrical equipment and supplies	369	10.92	11.02	11.54	11.39	-	442.26	447.41	469.68	455.60	-
Storage batteries	3691	11.78	11.89	12.70	12.54	-	467.67	473.22	510.54	495.33	-
Engine electrical equipment	3694	11.66	11.87	12.29	11.92	-	471.06	484.30	492.83	472.03	-
Transportation equipment	37	13.88	14.02	14.41	14.32	\$14.43	574.63	593.05	596.57	584.26	\$590.19
Motor vehicles and equipment	371	14.30	14.59	14.88	14.69	14.88	589.16	622.99	613.06	593.48	604.13
Motor vehicles and car bodies	3711	16.71	16.95	18.10	17.92	-	693.47	720.38	760.20	738.30	-
Truck and bus bodies	3713	12.46	12.69	12.48	12.43	-	498.40	516.48	511.68	507.14	-
Motor vehicle parts and accessories	3714	13.17	13.55	13.60	13.22	-	545.24	586.72	557.60	528.80	-
Truck trailers	3715	9.67	9.56	9.74	9.62	-	375.20	384.31	391.55	391.53	-
Aircraft and parts	372	14.65	14.68	15.18	15.23	-	625.56	628.30	639.08	633.57	-
Aircraft	3721	(¹)	(¹)	(¹)	(¹)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$14.70	\$14.69	\$15.06	\$15.00	-	\$626.22	\$628.73	\$632.52	\$627.00	-
Aircraft parts and equipment, nec	3728	13.29	13.35	13.64	13.77	-	570.14	571.38	574.24	579.72	-
Ship and boat building and repairing	373	10.71	10.75	11.31	11.24	-	425.19	434.30	456.92	448.48	-
Ship building and repairing	3731	11.82	11.89	12.09	11.94	-	476.35	487.49	502.94	489.54	-
Boat building and repairing	3732	8.76	8.72	9.32	9.41	-	339.01	342.70	351.36	350.99	-
Railroad equipment	374	13.23	13.06	13.85	14.16	-	537.14	545.91	573.39	593.30	-
Guided missiles, space vehicles, and parts	376	14.15	14.16	14.73	14.69	-	605.62	600.38	628.97	630.20	-
Guided missiles and space vehicles	3761	(¹)	(¹)	(¹)	(¹)	-	-	-	-	-	-
Misc. transportation equipment	379	\$10.79	\$10.85	\$11.14	\$11.16	-	\$421.89	\$430.75	\$432.23	\$421.85	-
Travel trailers and campers	3792	9.23	9.39	9.29	9.39	-	346.13	362.45	349.30	328.65	-
Instruments and related products	38	11.13	11.19	11.65	11.68	\$11.73	456.33	461.03	475.32	478.88	\$480.93
Search and navigation equipment	381	14.24	14.41	15.12	15.10	-	582.42	592.25	618.41	620.61	-
Measuring and controlling devices	382	10.53	10.55	11.03	11.06	-	434.89	436.77	451.13	453.46	-
Environmental controls	3822	9.32	9.25	9.70	9.66	-	375.60	375.55	389.94	383.50	-
Process control instruments	3823	9.98	10.06	10.81	10.86	-	426.15	432.58	446.45	455.03	-
Instruments to measure electricity	3825	10.66	10.72	11.16	11.27	-	428.53	432.02	453.10	456.44	-
Medical instruments and supplies	384	9.63	9.71	10.15	10.23	-	393.87	401.02	413.11	417.38	-
Surgical and medical instruments	3841	9.55	9.71	10.22	10.36	-	392.51	399.08	407.78	422.69	-
Surgical appliances and supplies	3842	9.44	9.43	9.90	9.91	-	381.38	387.57	404.91	402.35	-
Ophthalmic goods	385	8.16	8.16	8.39	8.42	-	327.22	323.95	328.89	331.75	-
Photographic equipment and supplies	386	13.92	13.95	14.35	14.33	-	570.72	574.74	609.88	609.03	-
Watches, clocks, watchcases, and parts	387	7.58	7.62	7.80	7.89	-	295.62	297.18	297.18	302.19	-
Miscellaneous manufacturing industries	39	8.56	8.59	8.78	8.70	8.78	335.55	338.45	340.66	339.30	343.30
Jewelry, silverware, and plated ware	391	9.20	9.23	9.25	9.23	-	345.00	350.74	343.18	344.28	-
Jewelry, precious metal	3911	9.19	9.20	9.21	9.18	-	338.19	345.00	337.09	337.82	-
Musical instruments	393	8.51	8.49	8.72	8.82	-	337.85	339.60	339.21	342.22	-
Toys and sporting goods	394	7.92	7.93	8.27	8.14	-	309.67	315.61	327.49	321.53	-
Dolls, games, toys, and children's vehicles	3942,4	7.81	7.89	8.18	8.05	-	299.90	303.77	319.02	317.17	-
Sporting and athletic goods, nec	3949	7.99	7.95	8.33	8.20	-	317.20	322.77	334.03	324.72	-
Pens, pencils, office, and art supplies	395	8.81	8.88	9.10	9.05	-	357.69	357.86	364.91	367.43	-
Costume jewelry and notions	396	7.14	7.45	7.35	7.26	-	283.46	294.28	280.04	279.51	-
Costume jewelry	3961	6.34	6.72	6.44	6.33	-	252.97	263.42	242.79	243.71	-
Miscellaneous manufactures	399	9.19	9.16	9.31	9.23	-	362.09	359.07	359.37	359.97	-
Signs and advertising specialties	3993	9.76	9.78	10.12	10.03	-	390.40	391.20	393.67	385.15	-
Nondurable goods		9.97	10.04	10.35	10.33	10.38	394.81	399.59	409.86	407.00	410.01
Food and kindred products	20	9.54	9.61	9.80	9.78	9.87	379.69	385.36	395.92	388.27	395.79
Meat products	201	7.81	7.91	8.00	7.95	-	303.81	309.28	322.40	305.28	-
Meat packing plants	2011	8.55	8.68	8.82	8.67	-	338.58	348.94	372.20	341.60	-
Sausages and other prepared meats	2013	9.26	9.33	9.34	9.33	-	370.40	381.60	383.87	376.00	-
Poultry slaughtering and processing	2015	6.74	6.80	6.89	6.89	-	256.12	257.04	265.95	255.62	-
Dairy products	202	10.47	10.44	10.72	10.67	-	426.13	430.13	435.23	430.00	-
Cheese, natural and processed	2022	9.68	9.64	9.69	9.70	-	370.74	380.78	376.94	372.48	-
Fluid milk	2026	10.82	10.86	11.20	11.17	-	447.95	452.86	459.20	453.50	-
Preserved fruits and vegetables	203	9.04	9.07	9.44	9.38	-	357.98	360.99	377.60	376.14	-
Canned specialties	2032	10.95	10.92	12.42	12.22	-	464.28	447.72	550.21	521.79	-
Canned fruits and vegetables	2033	9.36	9.44	9.55	9.61	-	365.04	369.10	377.23	378.63	-
Frozen fruits and vegetables	2037	8.11	8.21	8.69	8.48	-	313.05	320.19	325.88	329.02	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Grain mill products	204	43.6	43.7	45.1	44.2	-	4.9	5.1	6.9	6.1	-
Flour and other grain mill products	2041	46.5	46.6	47.5	46.5	-	6.1	6.2	7.5	6.4	-
Prepared feeds, nec	2048	41.3	41.5	43.4	41.9	-	4.0	4.3	6.2	5.1	-
Bakery products	205	39.6	39.7	38.6	39.0	-	3.7	3.9	3.5	3.5	-
Bread, cake, and related products	2051	39.3	39.3	38.3	38.4	-	4.0	4.0	3.5	3.7	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	40.2	40.6	39.1	40.0	-	3.1	3.7	3.6	3.2	-
Sugar and confectionery products	206	40.4	39.3	40.4	39.4	-	3.6	3.0	3.7	3.2	-
Raw cane sugar	2061	50.3	38.7	48.8	51.3	-	11.1	3.0	10.1	10.9	-
Cane sugar refining	2062	45.0	47.0	45.7	44.7	-	8.6	9.1	8.0	7.3	-
Beet sugar	2063	40.8	38.2	41.5	42.3	-	3.1	2.7	3.4	3.4	-
Candy and other confectionery products	2064	38.6	38.1	38.4	36.6	-	2.4	2.2	2.9	2.2	-
Fats and oils	207	42.6	42.7	45.1	43.9	-	4.6	4.8	6.4	5.7	-
Beverages	208	40.6	41.0	40.9	40.6	-	3.8	4.3	4.1	4.0	-
Malt beverages	2082	42.5	43.2	42.5	41.9	-	6.2	6.9	6.1	6.1	-
Bottled and canned soft drinks	2086	39.7	40.3	40.4	40.3	-	2.8	3.6	3.6	3.6	-
Misc. food and kindred products	209	38.2	39.3	38.5	38.9	-	3.7	4.3	4.0	4.0	-
Tobacco products	21	37.7	38.8	39.5	38.2	39.2	2.0	2.1	3.1	2.2	-
Cigarettes	211	38.0	39.1	40.4	37.9	-	2.1	2.3	3.4	1.9	-
Textile mill products	22	39.8	39.8	39.2	38.7	39.1	3.4	3.5	3.2	3.1	-
Broadwoven fabric mills, cotton	221	40.4	40.0	39.3	39.2	-	4.0	4.1	4.1	4.0	-
Broadwoven fabric mills, synthetics	222	40.7	40.7	39.8	39.0	-	3.5	3.6	3.1	2.9	-
Broadwoven fabric mills, wool	223	39.7	40.2	38.4	40.3	-	2.8	3.2	2.2	3.5	-
Narrow fabric mills	224	40.8	40.4	38.7	39.5	-	2.7	2.4	2.2	2.7	-
Knitting mills	225	37.9	38.2	37.5	37.2	-	2.6	2.7	2.4	2.2	-
Women's hosiery, except socks	2251	38.3	37.8	39.2	37.8	-	2.6	2.5	3.0	2.3	-
Hosiery, nec	2252	37.2	36.4	38.2	37.5	-	1.9	1.6	2.1	1.8	-
Knit outerwear mills	2253	37.0	37.6	35.1	34.8	-	2.9	3.1	2.0	2.0	-
Knit underwear mills	2254	38.5	38.8	35.1	36.3	-	2.1	1.9	1.5	1.5	-
Weft knit fabric mills	2257	39.0	40.3	38.6	38.5	-	3.2	3.7	2.6	2.6	-
Textile finishing, except wool	226	41.0	41.8	41.8	42.1	-	4.4	4.9	4.9	5.2	-
Finishing plants, cotton	2261	41.4	41.6	42.0	41.8	-	4.4	4.7	4.5	4.7	-
Finishing plants, synthetics	2262	40.6	42.3	42.5	43.6	-	4.1	5.2	5.6	6.3	-
Carpets and rugs	227	42.3	42.0	41.9	39.0	-	4.5	4.6	3.9	2.8	-
Yarn and thread mills	228	39.6	39.2	38.3	38.0	-	3.5	3.3	2.8	2.8	-
Yarn spinning mills	2281	40.0	39.6	38.9	38.5	-	3.8	3.6	3.0	2.9	-
Throwing and winding mills	2282	36.7	36.6	33.9	34.0	-	1.9	2.0	2.2	2.2	-
Miscellaneous textile goods	229	41.0	41.1	41.7	40.6	-	3.5	3.6	3.3	3.1	-
Apparel and other textile products	23	36.4	36.2	36.0	36.3	36.2	1.5	1.5	1.4	1.5	-
Men's and boys' suits and coats	231	34.7	34.7	36.2	36.7	-	.7	.7	1.1	1.1	-
Men's and boys' furnishings	232	36.1	35.8	36.0	35.8	-	1.2	1.1	1.4	1.3	-
Men's and boys' shirts	2321	36.3	35.9	35.5	36.0	-	1.2	1.2	1.1	1.3	-
Men's and boys' trousers and slacks	2325	34.9	34.7	36.3	35.7	-	1.2	1.0	1.7	1.4	-
Men's and boys' work clothing	2326	36.7	36.3	36.3	35.1	-	.9	1.0	1.0	.9	-
Women's and misses' outerwear	233	35.4	35.0	35.0	35.5	-	1.6	1.5	1.4	1.6	-
Women's and misses' blouses and shirts	2331	35.5	35.3	35.1	35.7	-	1.2	1.2	.8	1.0	-
Women's, juniors', and misses' dresses	2335	34.4	34.0	33.4	34.7	-	1.4	1.4	1.2	1.7	-
Women's and misses' suits and coats	2337	35.2	34.9	34.9	34.7	-	1.5	1.0	1.6	1.4	-
Women's and misses' outerwear, nec	2339	35.9	35.4	35.6	35.9	-	1.8	1.8	1.5	1.8	-
Women's and children's undergarments	234	36.8	36.9	37.1	37.8	-	1.4	1.4	1.1	1.3	-
Women's and children's underwear	2341	37.1	37.2	37.4	37.7	-	1.3	1.4	1.2	1.3	-
Brassieres, girdles, and allied garments	2342	35.2	35.7	35.8	36.9	-	1.7	1.4	.9	1.6	-
Girls' and children's outerwear	236	36.8	36.1	37.0	37.0	-	1.9	1.5	1.8	1.8	-
Girls' and children's dresses and blouses	2361	36.6	35.4	35.8	36.2	-	2.2	1.9	2.0	1.7	-
Misc. apparel and accessories	238	37.0	36.9	35.6	36.3	-	1.1	1.1	1.0	1.0	-
Misc. fabricated textile products	239	38.2	38.4	37.3	37.6	-	2.1	2.3	1.8	1.8	-
Curtains and draperies	2391	36.1	36.6	34.6	35.0	-	1.4	1.5	.8	.9	-
House furnishings, nec	2392	38.6	37.7	37.4	36.6	-	1.9	1.5	1.8	1.5	-
Automotive and apparel trimmings	2396	39.5	40.7	38.4	39.1	-	3.1	3.8	2.0	2.0	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Grain mill products	204	\$11.30	\$11.32	\$11.72	\$11.65	-	\$492.68	\$494.68	\$528.57	\$514.93	-
Flour and other grain mill products	2041	10.60	10.62	10.57	10.48	-	492.90	494.89	502.08	487.32	-
Prepared feeds, nec	2048	8.83	8.92	9.41	9.32	-	364.68	370.18	408.39	390.51	-
Bakery products	205	10.68	10.74	11.06	11.03	-	422.93	426.38	426.92	430.17	-
Bread, cake, and related products	2051	10.70	10.73	11.01	11.10	-	420.51	421.89	421.88	426.24	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	10.64	10.75	11.17	10.92	-	427.73	436.45	436.75	436.80	-
Sugar and confectionery products	206	10.12	10.33	10.33	10.38	-	408.85	405.97	417.33	408.97	-
Raw cane sugar	2061	10.53	10.07	10.21	10.29	-	529.66	389.71	498.25	527.88	-
Cane sugar refining	2062	14.18	14.29	14.46	14.20	-	638.10	671.63	660.82	634.74	-
Beet sugar	2063	10.54	10.86	10.08	10.22	-	430.03	414.85	418.32	432.31	-
Candy and other confectionery products	2064	8.89	9.26	9.28	9.46	-	343.15	352.81	356.35	346.24	-
Fats and oils	207	9.79	9.94	10.25	10.08	-	417.05	424.44	462.28	442.51	-
Beverages	208	13.40	13.50	13.68	13.67	-	544.04	553.50	559.51	555.00	-
Malt beverages	2082	18.38	18.81	18.72	18.76	-	781.15	812.59	795.60	786.04	-
Bottled and canned soft drinks	2086	10.60	10.59	11.18	11.21	-	420.82	426.78	451.67	451.76	-
Misc. food and kindred products	209	8.86	8.93	9.17	9.23	-	338.45	350.95	353.05	359.05	-
Tobacco products	21	15.73	16.46	16.37	16.39	\$18.00	593.02	638.65	646.62	626.10	\$705.60
Cigarettes	211	19.20	19.29	20.28	20.15	-	729.60	754.24	819.31	763.69	-
Textile mill products	22	7.90	7.94	8.16	8.13	8.15	314.42	316.01	319.87	314.63	318.67
Broadwoven fabric mills, cotton	221	8.21	8.23	8.45	8.41	-	331.66	329.20	332.09	329.67	-
Broadwoven fabric mills, synthetics	222	8.46	8.50	8.76	8.76	-	344.32	345.95	348.65	341.64	-
Broadwoven fabric mills, wool	223	8.43	8.53	8.62	8.63	-	334.67	342.91	331.01	347.79	-
Narrow fabric mills	224	7.20	7.27	7.70	7.69	-	293.76	293.71	297.99	303.76	-
Knitting mills	225	7.25	7.28	7.51	7.46	-	274.78	278.10	281.63	277.51	-
Women's hosiery, except socks	2251	6.87	6.80	7.10	6.98	-	263.12	257.04	278.32	263.84	-
Hosiery, nec	2252	6.88	6.89	7.25	7.15	-	255.94	250.80	276.95	268.13	-
Knit outerwear mills	2253	7.09	7.15	7.40	7.38	-	262.33	268.84	259.74	256.82	-
Knit underwear mills	2254	7.35	7.41	7.45	7.40	-	282.98	287.51	261.50	268.62	-
Weft knit fabric mills	2257	7.93	8.00	8.12	8.10	-	309.27	322.40	313.43	311.85	-
Textile finishing, except wool	226	8.32	8.35	8.65	8.65	-	341.12	349.03	361.57	364.17	-
Finishing plants, cotton	2261	8.25	8.27	8.50	8.54	-	341.55	344.03	357.00	356.97	-
Finishing plants, synthetics	2262	8.66	8.71	9.06	9.04	-	351.60	368.43	385.05	394.14	-
Carpets and rugs	227	8.24	8.29	8.26	8.13	-	346.55	346.18	346.09	317.07	-
Yarn and thread mills	228	7.63	7.62	7.80	7.81	-	302.15	298.70	298.74	296.78	-
Yarn spinning mills	2281	7.64	7.62	7.78	7.79	-	305.60	301.75	302.64	299.92	-
Throwing and winding mills	2282	7.73	7.75	8.06	8.08	-	283.69	283.65	273.23	274.72	-
Miscellaneous textile goods	229	8.80	8.95	9.31	9.27	-	360.80	367.85	388.23	376.36	-
Apparel and other textile products	23	6.45	6.53	6.65	6.62	6.65	234.78	236.39	239.40	240.31	240.73
Men's and boys' suits and coats	231	7.27	7.39	7.42	7.32	-	252.27	256.43	268.60	268.64	-
Men's and boys' furnishings	232	5.94	5.97	6.19	6.12	-	214.43	213.73	222.84	219.10	-
Men's and boys' shirts	2321	5.89	5.91	6.10	6.06	-	213.81	212.17	216.55	218.16	-
Men's and boys' trousers and slacks	2325	5.79	5.83	6.09	5.98	-	202.07	202.30	221.07	213.49	-
Men's and boys' work clothing	2326	5.70	5.73	6.03	5.96	-	209.19	208.00	218.89	209.20	-
Women's and misses' outerwear	233	6.15	6.17	6.43	6.39	-	217.71	215.95	225.05	226.85	-
Women's and misses' blouses and shirts	2331	5.47	5.50	5.68	5.68	-	194.19	194.15	199.37	202.78	-
Women's, juniors', and misses' dresses	2335	6.44	6.54	6.85	6.78	-	221.54	222.36	228.79	235.27	-
Women's and misses' suits and coats	2337	6.81	6.59	7.06	7.11	-	239.71	229.99	246.39	246.72	-
Women's and misses' outerwear, nec	2339	6.07	6.10	6.32	6.28	-	217.91	215.94	224.99	225.45	-
Women's and children's undergarments	234	6.10	6.15	6.29	6.32	-	224.48	226.94	233.36	237.63	-
Women's and children's underwear	2341	5.94	5.98	6.14	6.18	-	220.37	222.46	229.64	232.99	-
Brassieres, girdles, and allied garments	2342	6.92	7.02	7.12	7.05	-	243.58	250.61	254.90	260.15	-
Girls' and children's outerwear	236	5.81	5.82	6.11	5.97	-	213.81	210.10	226.07	220.89	-
Girls' and children's dresses and blouses	2361	5.80	5.78	5.87	5.81	-	212.28	204.61	210.15	210.32	-
Misc. apparel and accessories	238	6.37	6.34	6.52	6.50	-	235.69	233.95	232.11	235.95	-
Misc. fabricated textile products	239	7.70	7.91	7.72	7.78	-	294.14	303.74	287.96	292.53	-
Curtains and draperies	2391	6.41	6.45	6.66	6.67	-	231.40	236.07	230.44	233.45	-
House furnishings, nec	2392	6.56	6.56	6.89	6.84	-	253.22	247.31	257.69	250.34	-
Automotive and apparel trimmings	2396	11.15	11.58	10.39	10.51	-	440.43	471.31	398.98	410.94	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Nondurable goods—Continued											
Paper and allied products	26	42.8	42.9	43.2	42.6	42.7	4.3	4.4	4.6	4.2	-
Paper mills	262	44.9	44.9	45.4	44.8	-	4.7	4.8	5.3	5.4	-
Paperboard mills	263	44.8	44.5	45.4	45.1	-	6.8	6.8	6.9	6.7	-
Paperboard containers and boxes	265	41.5	42.1	42.4	41.5	-	3.7	3.9	4.2	3.3	-
Corrugated and solid fiber boxes	2653	41.9	42.4	42.9	41.4	-	3.8	4.1	4.6	3.5	-
Sanitary food containers	2656	41.7	44.3	43.1	41.5	-	3.7	4.1	4.7	3.3	-
Folding paperboard boxes	2657	41.3	41.7	42.0	41.9	-	3.8	4.1	4.1	3.8	-
Misc. converted paper products	267	42.0	41.9	41.8	41.3	-	4.0	3.8	3.8	3.6	-
Paper, coated and laminated, nec	2672	42.6	43.9	42.6	42.2	-	4.2	4.5	3.2	3.2	-
Bags: plastics, laminated, and coated	2673	41.2	41.5	41.6	41.5	-	4.4	4.5	4.1	4.5	-
Envelopes	2677	42.5	41.9	41.3	40.3	-	3.8	3.6	3.4	2.7	-
Printing and publishing	27	37.7	38.1	37.4	37.4	37.6	2.8	3.0	2.5	2.5	-
Newspapers	271	32.6	32.9	32.2	32.5	-	1.2	1.2	.8	.9	-
Periodicals	272	38.6	38.0	37.8	38.2	-	3.1	3.1	2.6	2.6	-
Books	273	38.6	39.3	38.2	38.8	-	3.3	3.4	2.6	2.7	-
Book publishing	2731	39.1	39.8	38.8	39.2	-	3.0	3.1	2.2	2.2	-
Book printing	2732	37.9	38.8	37.5	38.3	-	3.6	3.7	3.2	3.4	-
Miscellaneous publishing	274	37.2	37.1	36.1	36.4	-	1.9	1.9	1.6	1.9	-
Commercial printing	275	39.1	39.7	38.7	38.7	-	3.4	3.7	3.0	3.0	-
Commercial printing, lithographic	2752	38.8	39.3	38.6	38.6	-	3.6	3.8	3.0	3.1	-
Commercial printing, nec	2759	39.2	40.0	38.7	38.8	-	3.1	3.4	2.8	2.8	-
Manifold business forms	276	42.0	41.5	41.5	40.9	-	3.4	3.0	3.3	3.3	-
Blankbooks and bookbinding	278	37.1	37.4	38.3	36.9	-	2.2	2.5	2.6	1.6	-
Printing trade services	279	39.3	39.4	38.5	39.0	-	3.8	4.2	3.4	3.7	-
Chemicals and allied products	28	42.3	42.5	42.5	42.3	42.4	4.1	4.4	4.3	4.2	-
Industrial inorganic chemicals	281	42.3	42.6	43.9	43.3	-	4.0	4.4	4.5	4.5	-
Industrial inorganic chemicals, nec	2819	42.3	42.4	44.0	43.3	-	4.0	4.3	4.4	4.5	-
Plastics materials and synthetics	282	42.1	42.3	42.5	42.1	-	4.7	4.9	4.6	4.5	-
Plastics materials and resins	2821	43.5	43.7	43.5	42.5	-	5.2	5.4	5.2	4.9	-
Organic fibers, noncellulosic	2824	40.5	40.9	41.6	41.7	-	4.0	4.4	4.2	3.8	-
Drugs	283	42.0	41.4	42.1	42.5	-	3.8	3.7	4.5	4.1	-
Pharmaceutical preparations	2834	42.2	41.4	42.3	42.7	-	3.8	3.7	4.6	4.1	-
Soap, cleaners, and toilet goods	284	40.7	41.2	40.2	40.1	-	2.9	3.1	3.0	2.7	-
Soap and other detergents	2841	41.7	42.7	41.6	41.6	-	4.1	4.4	5.1	4.8	-
Polishing, sanitation, and finishing preparations	2842.3	41.5	41.5	41.2	40.0	-	2.9	2.9	3.4	2.6	-
Toilet preparations	2844	39.7	40.1	38.6	39.1	-	2.1	2.3	1.3	1.4	-
Paints and allied products	285	41.6	41.9	41.1	40.7	-	3.4	3.5	2.8	2.6	-
Industrial organic chemicals	286	44.3	45.1	45.1	44.5	-	5.5	6.0	5.3	5.4	-
Cyclic crudes and intermediates	2865	44.9	44.3	43.7	43.4	-	6.5	5.8	4.5	4.6	-
Industrial organic chemicals, nec	2869	44.3	45.4	45.7	44.9	-	5.3	6.2	5.6	5.7	-
Agricultural chemicals	287	43.5	44.5	44.8	44.2	-	5.0	5.8	5.6	5.4	-
Miscellaneous chemical products	289	42.3	42.7	41.8	42.1	-	3.8	4.0	4.1	3.9	-
Petroleum and coal products	29	44.0	44.2	43.0	43.8	43.0	5.0	5.8	5.3	5.6	-
Petroleum refining	291	44.1	44.4	43.9	44.7	-	4.7	5.6	5.7	5.9	-
Asphalt paving and roofing materials	295	44.9	44.9	39.7	40.9	-	7.0	7.9	4.5	4.7	-
Rubber and misc. plastics products	30	40.9	41.3	40.8	40.4	40.6	3.4	3.6	3.2	3.0	-
Tires and inner tubes	301	43.8	43.4	43.6	42.3	-	4.9	4.9	4.7	3.9	-
Rubber and plastics footwear	302	43.1	41.3	42.0	42.5	-	3.8	2.3	2.7	3.4	-
Hose, belting, gaskets, and packing	305	41.9	43.4	42.0	41.1	-	3.5	4.3	3.0	2.8	-
Rubber and plastics hose and belting	3052	42.9	43.9	41.6	40.9	-	4.4	4.8	2.9	2.6	-
Fabricated rubber products, nec	306	40.6	40.9	39.8	39.9	-	2.9	3.1	2.3	2.3	-
Miscellaneous plastics products, nec	308	40.5	40.9	40.5	40.1	-	3.3	3.5	3.2	2.9	-
Leather and leather products	31	37.3	37.3	36.7	36.7	36.4	1.7	1.8	1.5	1.5	-
Leather tanning and finishing	311	42.1	42.2	41.5	41.7	-	4.3	4.0	4.3	4.2	-
Footwear, except rubber	314	36.2	36.3	35.4	35.4	-	1.1	1.2	.9	1.0	-
Men's footwear, except athletic	3143	35.9	36.6	35.7	35.8	-	.8	1.0	.9	1.1	-
Women's footwear, except athletic	3144	36.1	35.7	34.8	34.8	-	1.3	1.1	.7	.9	-
Luggage	316	40.2	38.0	40.9	40.8	-	2.6	1.7	2.2	2.0	-
Handbags and personal leather goods	317	36.9	37.4	35.1	36.3	-	2.5	2.6	.8	.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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Nondurable goods—Continued											
Paper and allied products	26	\$12.11	\$12.11	\$12.51	\$12.50	\$12.55	\$518.31	\$519.52	\$540.43	\$532.50	\$535.89
Paper mills	262	14.83	14.81	15.19	15.28	-	665.87	664.97	689.63	684.54	-
Paperboard mills	263	14.97	14.97	15.55	15.46	-	670.66	666.17	705.97	697.25	-
Paperboard containers and boxes	265	10.20	10.23	10.56	10.52	-	423.30	430.68	447.74	436.58	-
Corrugated and solid fiber boxes	2653	10.27	10.38	10.60	10.55	-	430.31	440.11	454.74	436.77	-
Sanitary food containers	2656	9.88	9.65	10.37	10.23	-	412.00	427.50	446.95	424.55	-
Folding paperboard boxes	2657	10.58	10.59	10.89	10.83	-	436.95	441.60	457.38	453.78	-
Misc. converted paper products	267	10.63	10.65	11.02	11.00	-	446.46	446.24	460.64	454.30	-
Paper, coated and laminated, nec	2672	12.12	12.11	12.44	12.43	-	516.31	531.63	529.94	524.55	-
Bags: plastics, laminated, and coated	2673	10.07	10.11	10.47	10.59	-	414.88	419.57	435.55	439.49	-
Envelopes	2677	9.89	9.98	10.34	10.29	-	420.33	418.16	427.04	414.69	-
Printing and publishing	27	11.13	11.17	11.37	11.37	11.38	419.60	425.58	425.24	425.24	427.89
Newspapers	271	11.15	11.21	11.42	11.42	-	363.49	368.81	367.72	371.15	-
Periodicals	272	11.99	11.89	11.80	11.89	-	462.81	451.82	446.04	454.20	-
Books	273	9.82	9.75	10.18	10.02	-	379.05	383.18	388.88	388.78	-
Book publishing	2731	9.43	9.40	10.01	9.87	-	368.71	374.12	388.39	386.90	-
Book printing	2732	10.34	10.23	10.40	10.22	-	391.89	394.88	390.00	391.43	-
Miscellaneous publishing	274	10.17	10.08	10.34	10.52	-	378.32	373.97	373.27	382.93	-
Commercial printing	275	11.39	11.46	11.64	11.65	-	445.35	454.96	450.47	450.86	-
Commercial printing, lithographic	2752	11.52	11.59	11.72	11.76	-	446.98	455.49	452.39	453.94	-
Commercial printing, nec	2759	11.09	11.17	11.41	11.37	-	434.73	446.80	441.57	441.18	-
Manifold business forms	276	11.58	11.43	12.14	11.98	-	486.36	474.35	503.81	489.98	-
Blankbooks and bookbinding	278	8.71	8.80	9.03	9.03	-	323.14	329.12	345.85	333.21	-
Printing trade services	279	13.66	13.90	13.73	13.70	-	536.84	547.66	528.61	534.30	-
Chemicals and allied products	28	13.27	13.34	13.85	13.82	13.86	561.32	566.95	588.63	584.59	587.66
Industrial inorganic chemicals	281	14.44	14.48	14.87	14.85	-	610.81	616.85	652.79	643.01	-
Industrial inorganic chemicals, nec	2819	14.56	14.58	15.18	15.19	-	615.89	618.19	667.92	657.73	-
Plastics materials and synthetics	282	13.69	13.79	14.43	14.47	-	576.35	583.32	613.28	609.19	-
Plastics materials and resins	2821	14.54	14.54	15.10	15.21	-	632.49	635.40	656.85	646.43	-
Organic fibers, noncellulosic	2824	13.06	13.24	13.72	13.79	-	528.93	541.52	570.75	575.04	-
Drugs	283	12.67	12.71	13.20	13.30	-	532.14	526.19	555.72	565.25	-
Pharmaceutical preparations	2834	12.65	12.67	13.17	13.29	-	533.83	524.54	557.09	567.48	-
Soap, cleaners, and toilet goods	284	11.57	11.60	12.25	12.06	-	470.90	477.92	492.45	483.61	-
Soap and other detergents	2841	15.36	15.45	15.65	15.35	-	640.51	659.72	651.04	638.56	-
Polishing, sanitation, and finishing preparations	2842,3	10.20	10.28	10.66	10.49	-	423.30	426.62	439.19	419.60	-
Toilet preparations	2844	9.89	9.88	10.66	10.62	-	392.63	396.19	411.48	415.24	-
Paints and allied products	285	11.82	11.88	12.44	12.31	-	491.71	497.77	511.28	501.02	-
Industrial organic chemicals	286	15.72	15.81	16.02	16.14	-	696.40	713.03	722.50	718.23	-
Cyclic crudes and intermediates	2865	16.06	15.86	15.84	15.83	-	721.09	720.60	692.21	687.02	-
Industrial organic chemicals, nec	2869	15.82	16.00	16.25	16.43	-	700.83	726.40	742.63	737.71	-
Agricultural chemicals	287	13.04	13.26	13.98	13.78	-	567.24	590.07	626.30	609.08	-
Miscellaneous chemical products	289	11.97	12.03	12.54	12.39	-	506.33	513.68	524.17	521.62	-
Petroleum and coal products	29	15.90	16.11	16.65	16.96	17.06	699.60	712.06	715.95	742.85	733.58
Petroleum refining	291	17.14	17.44	17.89	18.27	-	755.87	774.34	785.37	816.67	-
Asphalt paving and roofing materials	295	12.18	12.32	12.31	12.42	-	546.88	553.17	488.71	507.98	-
Rubber and misc. plastics products	30	9.64	9.68	10.04	10.01	10.04	394.28	399.78	409.63	404.40	407.62
Tires and inner tubes	301	15.02	15.19	15.98	15.86	-	657.88	659.25	696.73	670.88	-
Rubber and plastics footwear	302	6.58	6.57	6.85	6.78	-	283.60	271.34	287.70	288.15	-
Hose, belting, gaskets, and packing	305	9.55	9.66	9.77	9.80	-	400.15	419.24	410.34	402.78	-
Rubber and plastics hose and belting	3052	9.95	9.99	10.01	10.03	-	426.86	438.56	416.42	410.23	-
Fabricated rubber products, nec	306	9.19	9.27	9.53	9.52	-	373.11	379.14	379.29	379.85	-
Miscellaneous plastics products, nec	308	9.05	9.07	9.35	9.33	-	366.53	370.96	378.88	374.13	-
Leather and leather products	31	6.84	6.87	7.10	7.12	7.13	255.13	256.25	260.57	261.30	259.53
Leather tanning and finishing	311	8.94	8.90	9.35	9.43	-	376.37	375.58	388.03	393.23	-
Footwear, except rubber	314	6.51	6.56	6.79	6.75	-	235.66	238.13	240.37	238.95	-
Men's footwear, except athletic	3143	7.02	7.05	7.30	7.29	-	252.02	258.03	260.61	260.98	-
Women's footwear, except athletic	3144	6.05	6.06	6.32	6.25	-	218.41	216.34	219.94	217.50	-
Luggage	316	6.84	6.83	6.94	6.90	-	274.97	259.54	283.85	281.52	-
Handbags and personal leather goods	317	6.04	6.04	6.14	6.25	-	222.88	225.90	215.51	226.88	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Transportation and public utilities		38.4	38.7	38.2	38.3	38.3	-	-	-	-	-
Railroad transportation:											
Class I railroads ³	4011	44.3	45.5	43.6	45.1	-	-	-	-	-	
Local and interurban passenger transit	41	33.1	32.8	32.3	32.5	-	-	-	-	-	
Local and suburban transportation	411	38.2	38.1	37.8	37.6	-	-	-	-	-	
Intercity and rural bus transportation	413	39.5	34.9	36.6	37.5	-	-	-	-	-	
Trucking and warehousing	42	37.7	38.0	37.1	37.4	-	-	-	-	-	
Trucking and courier services, except air	421	37.6	37.9	37.0	37.2	-	-	-	-	-	
Public warehousing and storage	422	38.9	39.0	39.1	39.0	-	-	-	-	-	
Pipelines, except natural gas	46	41.2	41.5	40.6	41.1	-	-	-	-	-	
Transportation services:											
Freight transportation arrangement	473	37.1	37.2	37.9	38.0	-	-	-	-	-	
Communications	48	39.1	39.0	39.1	38.8	-	-	-	-	-	
Telephone communications	481	40.6	40.5	40.8	40.3	-	-	-	-	-	
Radio and television broadcasting	483	34.7	34.5	34.3	34.2	-	-	-	-	-	
Cable and other pay television services	484	38.0	37.8	38.0	37.8	-	-	-	-	-	
Electric, gas, and sanitary services	49	41.7	41.7	41.4	41.2	-	-	-	-	-	
Electric services	491	41.8	41.6	41.2	41.1	-	-	-	-	-	
Gas production and distribution	492	41.9	41.8	42.8	42.5	-	-	-	-	-	
Combination utility services	493	42.4	42.2	40.8	40.7	-	-	-	-	-	
Sanitary services	495	40.9	41.4	41.8	41.5	-	-	-	-	-	
Wholesale trade		37.8	37.9	37.7	37.7	37.8	-	-	-	-	
Durable goods	50	38.3	38.5	38.3	38.3	-	-	-	-	-	
Motor vehicles, parts, and supplies	501	37.8	38.0	37.8	37.4	-	-	-	-	-	
Furniture and home furnishings	502	36.4	37.0	38.2	36.0	-	-	-	-	-	
Lumber and other construction materials	503	39.0	39.3	38.4	38.5	-	-	-	-	-	
Professional and commercial equipment	504	38.6	38.6	38.9	38.9	-	-	-	-	-	
Metals and minerals, except petroleum	505	39.9	40.2	39.8	39.8	-	-	-	-	-	
Electrical goods	506	38.3	38.6	38.5	38.4	-	-	-	-	-	
Hardware, plumbing, and heating equipment	507	38.5	38.6	38.4	38.3	-	-	-	-	-	
Machinery, equipment, and supplies	508	38.8	38.9	38.5	38.6	-	-	-	-	-	
Misc. wholesale trade durable goods	509	36.8	37.2	36.6	37.1	-	-	-	-	-	
Nondurable goods	51	37.0	37.1	37.0	37.0	-	-	-	-	-	
Paper and paper products	511	37.2	37.2	37.3	37.2	-	-	-	-	-	
Drugs, proprietaries, and sundries	512	37.1	37.2	37.0	36.4	-	-	-	-	-	
Apparel, piece goods, and notions	513	36.8	36.6	36.1	36.5	-	-	-	-	-	
Groceries and related products	514	37.4	37.5	37.8	37.6	-	-	-	-	-	
Chemicals and allied products	516	39.6	39.9	39.9	39.4	-	-	-	-	-	
Petroleum and petroleum products	517	37.9	37.9	38.3	38.0	-	-	-	-	-	
Beer, wine, and distilled beverages	518	36.0	36.4	35.8	36.1	-	-	-	-	-	
Misc. wholesale trade nondurable goods	519	36.5	36.5	35.8	36.2	-	-	-	-	-	
Retail trade		28.3	28.5	27.7	28.0	28.1	-	-	-	-	
Building materials and garden supplies	52	35.6	35.8	34.7	35.0	-	-	-	-	-	
Lumber and other building materials	521	37.4	37.7	36.4	36.7	-	-	-	-	-	
Hardware stores	525	31.5	31.7	31.4	31.5	-	-	-	-	-	
General merchandise stores	53	26.6	27.5	26.6	26.8	-	-	-	-	-	
Department stores	531	26.4	27.4	26.3	26.6	-	-	-	-	-	
Variety stores	533	27.9	28.0	27.8	27.7	-	-	-	-	-	
Misc. general merchandise stores	539	27.6	28.4	28.2	28.4	-	-	-	-	-	

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Transportation and public utilities		\$12.87	\$12.83	\$13.17	\$13.14	\$13.14	\$494.21	\$496.52	\$503.09	\$503.26	\$503.26
Railroad transportation:											
Class I railroads ³	4011	16.55	16.10	15.65	15.85	-	733.17	732.55	682.34	714.84	-
Local and interurban passenger transit	41	9.07	8.89	9.22	9.21	-	300.22	291.59	297.81	299.33	-
Local and suburban transportation	411	9.81	9.81	10.05	9.97	-	374.74	373.76	379.89	374.87	-
Intercity and rural bus transportation	413	11.92	10.77	11.65	11.96	-	470.84	375.87	426.39	448.50	-
Trucking and warehousing	42	11.66	11.70	11.77	11.77	-	439.58	444.60	436.67	440.20	-
Trucking and courier services, except air	421	11.82	11.86	11.92	11.92	-	444.43	449.49	441.04	443.42	-
Public warehousing and storage	422	9.49	9.47	9.82	9.76	-	369.16	369.33	383.96	380.64	-
Pipelines, except natural gas	46	16.66	16.90	17.39	17.51	-	686.39	701.35	706.03	719.66	-
Transportation services:											
Freight transportation arrangement	473	12.04	12.04	12.45	12.38	-	446.68	447.89	471.86	470.44	-
Communications	48	13.35	13.32	13.84	13.71	-	521.99	519.48	541.14	531.95	-
Telephone communications	481	14.05	14.01	14.47	14.38	-	570.43	567.41	590.38	579.51	-
Radio and television broadcasting	483	12.35	12.29	13.30	12.98	-	428.55	424.01	456.19	443.92	-
Cable and other pay television services	484	10.31	10.38	10.70	10.57	-	391.78	392.36	406.60	399.55	-
Electric, gas, and sanitary services	49	15.01	15.04	15.70	15.64	-	625.92	627.17	649.98	644.37	-
Electric services	491	15.56	15.71	16.17	16.13	-	650.41	653.54	666.20	662.94	-
Gas production and distribution	492	14.10	13.96	14.72	14.67	-	590.79	583.53	630.02	623.48	-
Combination utility services	493	16.99	16.98	18.60	18.45	-	720.38	716.58	758.88	750.92	-
Sanitary services	495	11.43	11.48	11.71	11.68	-	467.49	475.27	489.48	484.72	-
Wholesale trade		10.66	10.66	11.05	11.08	11.08	402.95	404.01	416.59	417.72	418.82
Durable goods	50	10.97	10.97	11.44	11.46	-	420.15	422.35	438.15	438.92	-
Motor vehicles, parts, and supplies	501	9.83	9.83	10.21	10.14	-	371.57	373.54	385.94	379.24	-
Furniture and home furnishings	502	10.16	10.05	10.33	10.36	-	369.82	371.85	373.95	372.96	-
Lumber and other construction materials	503	10.38	10.30	10.62	10.66	-	404.82	404.79	407.81	410.41	-
Professional and commercial equipment	504	12.75	12.80	13.61	13.62	-	492.15	494.08	529.43	529.82	-
Metals and minerals, except petroleum	505	11.27	11.15	11.49	11.56	-	449.67	448.23	455.00	460.09	-
Electrical goods	506	11.30	11.28	11.66	11.69	-	432.79	435.41	448.91	448.90	-
Hardware, plumbing, and heating equipment	507	10.32	10.38	10.69	10.74	-	397.32	400.67	410.50	411.34	-
Machinery, equipment, and supplies	508	11.02	11.00	11.37	11.41	-	427.58	427.90	437.75	440.43	-
Misc. wholesale trade durable goods	509	8.55	8.62	8.94	8.93	-	314.64	320.66	327.20	331.30	-
Nondurable goods	51	10.18	10.19	10.48	10.54	-	376.66	378.05	387.76	389.98	-
Paper and paper products	511	10.85	10.92	10.92	11.05	-	403.62	406.22	407.32	411.06	-
Drugs, proprietaries, and sundries	512	11.76	11.59	12.11	12.52	-	436.30	431.15	448.07	455.73	-
Apparel, piece goods, and notions	513	10.05	10.06	10.29	10.28	-	369.84	368.20	371.47	375.22	-
Groceries and related products	514	10.32	10.35	10.66	10.68	-	385.97	388.13	400.82	401.57	-
Chemicals and allied products	516	12.58	12.51	12.54	12.52	-	498.17	499.15	500.35	493.29	-
Petroleum and petroleum products	517	10.11	10.15	10.28	10.25	-	383.17	384.69	393.72	389.50	-
Beer, wine, and distilled beverages	518	11.75	11.89	12.42	12.27	-	423.00	432.80	444.64	442.95	-
Misc. wholesale trade nondurable goods	519	8.49	8.46	8.85	8.94	-	309.89	308.79	316.83	323.63	-
Retail trade		6.72	6.74	6.92	6.91	6.94	190.18	192.09	191.68	193.48	195.01
Building materials and garden supplies	52	7.94	7.91	8.06	8.09	-	282.66	283.18	279.68	283.15	-
Lumber and other building materials	521	8.26	8.25	8.36	8.40	-	308.92	311.03	304.30	308.28	-
Hardware stores	525	6.66	6.65	6.88	6.94	-	209.79	210.81	216.03	218.61	-
General merchandise stores	53	6.85	6.88	6.87	6.89	-	182.21	189.20	182.74	184.65	-
Department stores	531	7.06	7.08	7.02	7.05	-	186.38	193.99	184.63	187.53	-
Variety stores	533	5.54	5.56	5.76	5.79	-	154.57	155.68	160.13	160.38	-
Misc. general merchandise stores	539	6.22	6.29	6.45	6.50	-	171.67	178.64	181.89	184.60	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Retail trade—Continued											
Food stores	54	29.1	29.1	28.7	28.8	-	-	-	-	-	-
Grocery stores	541	29.1	29.2	28.9	28.8	-	-	-	-	-	-
Retail bakeries	546	28.8	28.8	27.8	28.6	-	-	-	-	-	-
Automotive dealers and service stations											
New and used car dealers	55	35.8	36.1	35.6	35.6	-	-	-	-	-	-
Auto and home supply stores	551	36.9	37.1	36.8	36.9	-	-	-	-	-	-
Gasoline service stations	553	37.5	38.0	37.2	37.0	-	-	-	-	-	-
Automotive dealers, nec	554	33.5	33.8	33.5	33.2	-	-	-	-	-	-
Automotive dealers, nec	559	35.0	34.8	34.1	35.6	-	-	-	-	-	-
Apparel and accessory stores											
Men's and boys' clothing stores	56	26.2	26.8	25.6	25.9	-	-	-	-	-	-
Women's clothing stores	561	27.5	27.6	26.9	27.6	-	-	-	-	-	-
Family clothing stores	562	23.1	23.8	22.5	22.9	-	-	-	-	-	-
Shoe stores	565	26.1	26.9	26.0	26.1	-	-	-	-	-	-
Shoe stores	566	29.4	30.2	29.7	29.6	-	-	-	-	-	-
Furniture and home furnishings stores											
Furniture and home furnishings stores	57	32.7	32.7	32.2	32.1	-	-	-	-	-	-
Household appliance stores	571	33.2	33.3	32.6	32.7	-	-	-	-	-	-
Radio, television, and computer stores	572	33.5	33.3	32.6	32.0	-	-	-	-	-	-
Radio, television, and electronic stores	573	31.5	31.6	31.5	31.3	-	-	-	-	-	-
Record and prerecorded tape stores	5731	31.0	31.3	31.4	30.9	-	-	-	-	-	-
Record and prerecorded tape stores	5735	25.9	26.0	24.9	25.1	-	-	-	-	-	-
Eating and drinking places ⁴	58	24.8	25.0	23.9	24.4	-	-	-	-	-	-
Miscellaneous retail establishments											
Drug stores and proprietary stores	59	29.5	29.1	28.7	29.4	-	-	-	-	-	-
Miscellaneous shopping goods stores	591	27.0	27.0	27.1	27.4	-	-	-	-	-	-
Nonstore retailers	594	27.9	27.8	27.0	27.4	-	-	-	-	-	-
Fuel dealers	596	31.9	32.4	31.4	32.4	-	-	-	-	-	-
Retail stores, nec	598	38.1	37.5	39.0	37.8	-	-	-	-	-	-
Retail stores, nec	599	32.6	30.6	30.1	32.7	-	-	-	-	-	-
Finance, insurance, and real estate⁵		35.7	35.6	35.7	35.8	35.8	-	-	-	-	-
Depository institutions											
Commercial banks	60	35.6	35.4	35.5	35.6	-	-	-	-	-	-
Credit unions	602	35.5	35.2	35.3	35.5	-	-	-	-	-	-
Credit unions	606	35.6	35.7	35.5	35.5	-	-	-	-	-	-
Nondepository institutions											
Personal credit institutions	61	37.6	37.4	36.8	37.5	-	-	-	-	-	-
Personal credit institutions	614	38.2	38.1	36.3	37.1	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services	628	37.7	37.5	37.6	38.0	-	-	-	-	-	-
Insurance carriers											
Life insurance	63	37.3	37.3	37.3	37.5	-	-	-	-	-	-
Medical service and health insurance	631	37.2	37.1	36.9	37.2	-	-	-	-	-	-
Fire, marine, and casualty insurance	632	38.4	38.3	38.3	38.7	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	37.0	37.0	37.2	37.2	-	-	-	-	-	-
Services		32.4	32.4	32.1	32.4	32.3	-	-	-	-	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	30.5	30.6	29.1	29.7	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services	721	33.8	33.9	33.2	33.4	-	-	-	-	-	-
Beauty shops ⁴	723	29.0	29.4	28.6	29.5	-	-	-	-	-	-
Miscellaneous personal services	729	27.2	26.2	23.5	31.9	-	-	-	-	-	-
Business services											
Advertising	73	33.2	33.3	32.9	33.1	-	-	-	-	-	-
Services to buildings	731	36.8	36.9	36.1	36.3	-	-	-	-	-	-
Services to buildings	734	28.6	28.8	27.9	28.2	-	-	-	-	-	-
Personnel supply services:											
Help supply services	7363	30.7	31.0	30.8	30.8	-	-	-	-	-	-
Computer and data processing services											
Miscellaneous business services	737	38.1	38.2	37.5	37.8	-	-	-	-	-	-
Miscellaneous business services	738	34.3	34.4	33.9	34.2	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Retail trade—Continued											
Food stores	54	\$7.32	\$7.36	\$7.53	\$7.51	-	\$213.01	\$214.18	\$216.11	\$216.29	-
Grocery stores	541	7.41	7.46	7.62	7.61	-	215.63	217.83	220.22	219.17	-
Retail bakeries	546	6.23	6.25	6.49	6.45	-	179.42	180.00	180.42	184.47	-
Automotive dealers and service stations	55	8.77	8.86	8.89	8.94	-	313.97	319.85	316.48	318.26	-
New and used car dealers	551	10.78	10.96	10.81	10.90	-	397.78	406.62	397.81	402.21	-
Auto and home supply stores	553	7.72	7.70	7.92	7.97	-	289.50	292.60	294.62	294.89	-
Gasoline service stations	554	6.13	6.14	6.33	6.28	-	205.36	207.53	212.06	208.50	-
Automotive dealers, nec	559	10.71	10.84	10.60	10.34	-	374.85	377.23	361.46	368.10	-
Apparel and accessory stores	56	6.19	6.19	6.53	6.49	-	162.18	165.89	167.17	168.09	-
Men's and boys' clothing stores	561	7.54	7.57	8.01	7.84	-	207.35	208.93	215.47	216.38	-
Women's clothing stores	562	5.93	5.91	6.31	6.28	-	136.98	140.66	141.98	143.81	-
Family clothing stores	565	6.12	6.09	6.49	6.49	-	159.73	163.82	168.74	169.39	-
Shoe stores	566	6.02	6.10	6.26	6.19	-	176.99	184.22	185.92	183.22	-
Furniture and home furnishings stores	57	8.43	8.45	8.75	8.82	-	275.66	276.32	281.75	283.12	-
Furniture and home furnishings stores	571	8.32	8.34	8.54	8.59	-	276.22	277.72	278.40	280.89	-
Household appliance stores	572	8.62	8.53	9.17	9.32	-	288.77	284.05	298.94	298.24	-
Radio, television, and computer stores	573	8.55	8.63	8.97	9.07	-	269.33	272.71	282.56	283.89	-
Radio, television, and electronic stores	5731	8.38	8.61	9.04	9.04	-	259.78	269.49	283.86	279.34	-
Record and prerecorded tape stores	5735	5.07	5.03	5.41	5.48	-	131.31	130.78	134.71	137.55	-
Eating and drinking places ⁴	58	4.87	4.88	5.09	5.08	-	120.78	122.00	121.65	123.95	-
Miscellaneous retail establishments	59	7.06	7.09	7.35	7.35	-	208.27	206.32	210.95	216.09	-
Drug stores and proprietary stores	591	6.66	6.69	7.02	7.07	-	179.82	180.63	190.24	193.72	-
Miscellaneous shopping goods stores	594	6.63	6.66	6.91	6.96	-	184.98	185.15	186.57	190.70	-
Nonstore retailers	596	7.84	7.91	8.01	8.07	-	250.10	256.28	251.51	261.47	-
Fuel dealers	598	9.84	9.82	10.38	10.23	-	374.90	368.25	404.82	386.69	-
Retail stores, nec	599	7.24	7.35	7.54	7.40	-	236.02	224.91	226.95	241.98	-
Finance, insurance, and real estate⁵		9.87	9.84	10.26	10.30	\$10.33	352.36	350.30	366.28	368.74	\$369.81
Depository institutions	60	8.46	8.41	8.69	8.78	-	301.18	297.71	308.50	312.57	-
Commercial banks	802	8.16	8.09	8.31	8.43	-	289.68	284.77	293.34	299.27	-
Credit unions	606	8.04	8.03	8.37	8.41	-	286.22	286.67	297.14	298.56	-
Nondepository institutions	61	10.17	10.19	10.82	10.62	-	382.39	381.11	398.18	398.25	-
Personal credit institutions	614	9.02	9.12	9.94	9.71	-	344.56	347.47	360.82	360.24	-
Security and commodity brokers: Security and commodity services	628	13.38	13.06	13.66	13.96	-	504.43	489.75	513.62	530.48	-
Insurance carriers	63	11.00	11.02	11.46	11.50	-	410.30	411.05	427.46	431.25	-
Life insurance	631	10.21	10.26	10.53	10.59	-	379.81	380.65	388.56	393.95	-
Medical service and health insurance	632	10.72	10.62	10.99	10.96	-	411.65	406.75	420.82	424.15	-
Fire, marine, and casualty insurance	633	11.77	11.83	12.42	12.48	-	435.49	437.71	462.02	464.26	-
Services		9.75	9.76	10.15	10.18	10.20	315.90	316.22	325.82	329.83	329.46
Hotels and other lodging places: Hotels and motels ⁴	701	6.91	6.92	7.20	7.16	-	210.76	211.75	209.52	212.65	-
Personal services: Laundry, cleaning, and garment services	721	6.73	6.72	6.93	6.92	-	227.47	227.81	230.08	231.13	-
Beauty shops ⁴	723	6.85	7.07	7.03	7.08	-	198.65	207.86	201.06	208.86	-
Miscellaneous personal services	729	6.95	6.96	7.04	6.66	-	189.04	182.35	165.44	212.45	-
Business services	73	9.44	9.45	9.73	9.77	-	313.41	314.69	320.12	323.39	-
Advertising	731	13.26	13.37	13.67	13.68	-	487.97	493.35	493.49	496.58	-
Services to buildings	734	7.00	7.07	7.21	7.12	-	200.20	203.62	201.16	200.78	-
Personnel supply services: Help supply services	7363	8.09	8.10	8.27	8.30	-	248.36	251.10	254.72	255.64	-
Computer and data processing services	737	14.80	14.76	15.30	15.43	-	563.88	563.83	573.75	583.25	-
Miscellaneous business services	738	7.82	7.82	8.02	7.98	-	268.23	269.01	271.88	272.92	-

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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Services—Continued											
Detective and armored car services	7381	33.9	34.3	34.2	34.3	-	-	-	-	-	-
Auto repair, services, and parking	75	36.3	36.6	36.0	36.2	-	-	-	-	-	-
Automotive repair shops	753	38.1	38.2	37.7	37.6	-	-	-	-	-	-
Miscellaneous repair services	76	37.5	37.5	37.6	37.3	-	-	-	-	-	-
Motion pictures	78	27.1	27.5	28.2	28.3	-	-	-	-	-	-
Motion picture production and services	781	36.0	36.7	36.3	37.2	-	-	-	-	-	-
Amusement and recreation services	79	26.9	26.7	26.0	26.6	-	-	-	-	-	-
Misc. amusement and recreation services	799	25.9	25.9	24.7	25.2	-	-	-	-	-	-
Health services	80	32.3	32.4	32.4	32.5	-	-	-	-	-	-
Offices and clinics of medical doctors	801	31.7	31.8	31.6	31.8	-	-	-	-	-	-
Offices and clinics of dentists	802	28.1	28.3	28.5	28.3	-	-	-	-	-	-
Nursing and personal care facilities	805	31.6	31.5	32.2	31.9	-	-	-	-	-	-
Hospitals	806	34.1	34.1	34.0	34.1	-	-	-	-	-	-
Home health care services	808	24.8	25.2	25.9	26.0	-	-	-	-	-	-
Legal services	81	34.8	34.7	34.8	34.8	-	-	-	-	-	-
Engineering and management services	87	37.6	37.8	37.0	37.6	-	-	-	-	-	-
Engineering and architectural services	871	39.0	39.1	38.2	38.7	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	872	39.0	39.8	38.0	39.5	-	-	-	-	-	-
Research and testing services	873	36.1	36.1	36.0	36.0	-	-	-	-	-	-
Management and public relations	874	35.2	35.3	35.1	35.6	-	-	-	-	-	-
Services, nec	89	38.3	37.7	35.1	36.2	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Services—Continued											
Detective and armored car services	7381	\$6.16	\$6.12	\$6.28	\$6.27	-	\$208.82	\$209.92	\$214.78	\$215.06	-
Auto repair, services, and parking	75	8.68	8.71	8.96	8.94	-	315.08	318.79	322.56	323.63	-
Automotive repair shops	753	9.60	9.63	9.77	9.76	-	365.76	367.87	368.33	366.98	-
Miscellaneous repair services	76	10.25	10.37	10.42	10.49	-	384.38	388.88	391.79	391.28	-
Motion pictures	78	10.86	11.35	11.98	12.12	-	294.31	312.13	337.84	343.00	-
Motion picture production and services	781	16.48	17.25	18.53	18.16	-	593.28	633.08	672.64	675.55	-
Amusement and recreation services	79	8.30	8.31	8.59	8.69	-	223.27	221.88	223.34	231.15	-
Misc. amusement and recreation services	799	7.52	7.56	7.62	7.62	-	194.77	195.80	188.21	192.02	-
Health services	80	10.23	10.25	10.72	10.77	-	330.43	332.10	347.33	350.03	-
Offices and clinics of medical doctors	801	10.32	10.34	11.00	11.13	-	327.14	328.81	347.60	353.93	-
Offices and clinics of dentists	802	9.91	9.94	10.39	10.47	-	278.47	281.30	296.12	296.30	-
Nursing and personal care facilities	805	7.06	7.09	7.45	7.46	-	223.10	223.34	239.89	237.97	-
Hospitals	806	11.60	11.62	12.12	12.16	-	395.56	396.24	412.08	414.66	-
Home health care services	808	8.53	8.54	9.18	9.25	-	211.54	215.21	237.76	240.50	-
Legal services	81	13.94	13.96	14.37	14.47	-	485.11	484.41	500.08	503.56	-
Engineering and management services	87	13.35	13.28	13.90	13.98	-	501.96	501.98	514.30	525.65	-
Engineering and architectural services	871	14.61	14.59	15.21	15.32	-	569.79	570.47	581.02	592.88	-
Accounting, auditing, and bookkeeping	872	11.64	11.64	12.18	12.21	-	453.96	463.27	462.84	482.30	-
Research and testing services	873	13.94	13.80	14.67	14.84	-	503.23	498.18	528.12	534.24	-
Management and public relations	874	12.55	12.42	12.77	12.93	-	441.76	438.43	448.23	460.31	-
Services, nec	89	13.34	13.28	14.24	14.15	-	510.92	500.66	499.82	512.23	-

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 Data for nonoffice sales agents are excluded from the nonsupervisory count for all series in this division.

- Data not available.

^P = preliminary.

NOTE: Establishment survey estimates reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1989 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. 1990	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Jan. 1990	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Average hourly earnings, excluding lump-sum payments	\$15.33	\$15.44	\$16.21	\$16.32	\$14.53	\$14.58	\$15.07	\$15.02
Average hourly earnings, including lump-sum payments	16.04	16.14	16.66	16.79	14.99	15.04	15.43	15.36

^P = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^p	Mar. 1991 ^p
Manufacturing	\$10.25	\$10.30	\$10.63	\$10.62	\$10.66
Durable goods	10.73	10.78	11.15	11.14	11.18
Lumber and wood products	8.60	8.67	8.82	8.81	(9)
Furniture and fixtures	8.18	8.19	8.42	8.50	(9)
Stone, clay, and glass products	10.38	10.44	10.78	10.73	(9)
Primary metal industries	12.00	12.03	12.50	12.39	(9)
Fabricated metal products	10.27	10.30	10.62	10.63	(9)
Industrial machinery and equipment	11.07	11.11	11.54	11.55	(9)
Electronic and other electrical equipment	9.80	9.81	10.22	10.22	(9)
Transportation equipment	13.32	13.37	13.87	13.84	(9)
Instruments and related products	10.79	10.82	11.26	11.29	(9)
Miscellaneous manufacturing	8.32	8.33	8.55	8.48	(9)
Nondurable goods	9.58	9.63	9.94	9.94	\$9.98
Food and kindred products	9.11	9.17	9.32	9.35	(9)
Tobacco products	15.32	16.01	15.74	15.94	(9)
Textile mill products	7.57	7.60	7.85	7.82	(9)
Apparel and other textile products	6.32	6.39	6.52	6.49	(9)
Paper and allied products	11.52	11.52	11.88	11.91	(9)
Printing and publishing	10.72	10.74	11.00	11.01	(9)
Chemicals and allied products	12.65	12.69	13.18	13.17	(9)
Petroleum and coal products	15.05	15.12	15.67	15.95	(9)
Rubber and misc. plastics products	9.26	9.27	9.66	9.66	(9)
Leather and leather products	6.68	6.71	6.96	6.98	(9)

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

² Not available.

^p = preliminary.

NOTE: Establishment survey estimates reflect the 1987

Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1989 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. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P	Feb. 1990	Mar. 1990	Jan. 1991	Feb. 1991 ^P	Mar. 1991 ^P
Total private:										
Current dollars	\$9.91	\$9.93	\$10.24	\$10.24	\$10.26	\$338.92	\$340.60	\$346.11	\$347.14	\$348.84
Constant (1982) dollars	7.60	7.57	7.47	7.47	(²)	259.91	259.60	252.64	253.39	(²)
Mining:										
Current dollars	13.46	13.57	14.16	14.06	\$14.12	582.82	583.51	628.70	624.26	\$621.28
Constant (1982) dollars	10.32	10.34	10.34	10.26	(²)	446.95	444.75	458.91	455.66	(²)
Construction:										
Current dollars	13.59	13.63	13.97	13.86	\$13.85	506.91	516.58	504.32	512.82	\$512.45
Constant (1982) dollars	10.42	10.39	10.20	10.12	(²)	388.73	393.73	368.12	374.32	(²)
Manufacturing:										
Current dollars	10.68	10.75	11.06	11.03	\$11.08	431.47	437.53	444.61	440.10	\$444.31
Constant (1982) dollars	8.19	8.19	8.07	8.05	(²)	330.88	333.48	324.53	321.24	(²)
Transportation and public utilities:										
Current dollars	12.87	12.83	13.17	13.14	\$13.14	494.21	496.52	503.09	503.26	\$503.26
Constant (1982) dollars	9.87	9.78	9.61	9.59	(²)	379.00	378.45	367.22	367.34	(²)
Wholesale trade:										
Current dollars	10.66	10.66	11.05	11.08	\$11.08	402.95	404.01	416.59	417.72	\$418.82
Constant (1982) dollars	8.17	8.13	8.07	8.09	(²)	309.01	307.93	304.08	304.91	(²)
Retail trade:										
Current dollars	6.72	6.74	6.92	6.91	\$6.94	190.18	192.09	191.68	193.48	\$195.01
Constant (1982) dollars	5.15	5.14	5.05	5.04	(²)	145.84	146.41	139.91	141.23	(²)
Finance, insurance, and real estate:										
Current dollars	9.87	9.84	10.26	10.30	\$10.33	352.36	350.30	366.28	368.74	\$369.81
Constant (1982) dollars	7.57	7.50	7.49	7.52	(²)	270.21	267.00	267.36	268.15	(²)
Services:										
Current dollars	9.75	9.76	10.15	10.18	\$10.20	315.90	316.22	325.82	329.83	\$329.46
Constant (1982) dollars	7.48	7.44	7.41	7.43	(²)	242.25	241.02	237.82	240.75	(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 reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1989 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	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^p	Mar. ^p
Total private	34.6	34.5	34.5	34.7	34.5	34.5	34.7	34.2	34.4	34.6	34.1	34.3	34.2
Mining	43.5	43.4	43.6	44.4	43.7	43.9	44.7	44.0	44.8	44.7	44.4	44.9	44.5
Construction	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Manufacturing	40.8	40.7	40.9	41.0	40.9	41.0	41.0	40.7	40.5	40.7	40.4	40.3	40.1
<i>Overtime hours</i>	3.7	3.5	3.8	3.8	3.7	3.8	3.7	3.6	3.5	3.6	3.4	3.3	3.2
Durable goods	41.4	41.2	41.5	41.6	41.5	41.5	41.7	41.3	40.9	41.2	40.8	40.7	40.4
<i>Overtime hours</i>	3.8	3.5	3.9	3.9	3.8	3.9	3.8	3.6	3.5	3.6	3.3	3.2	3.2
Lumber and wood products	40.4	40.2	40.4	40.3	40.2	40.4	40.7	39.8	39.5	39.9	39.4	39.3	39.0
Furniture and fixtures	39.2	39.0	39.2	39.3	39.6	39.4	39.1	38.6	38.5	38.8	38.5	37.5	37.9
Stone, clay, and glass products	42.0	42.0	42.1	42.3	41.7	42.3	42.2	41.2	41.8	42.0	41.0	41.8	41.4
Primary metal industries	42.7	41.8	43.0	43.0	43.1	42.9	43.0	42.9	42.6	42.3	42.0	41.6	41.2
Blast furnaces and basic steel products ..	43.0	42.9	43.5	43.3	44.1	43.5	43.9	43.8	43.9	43.4	42.6	41.5	40.8
Fabricated metal products	41.5	41.2	41.7	41.6	41.7	41.6	41.6	41.2	40.8	41.1	40.7	40.7	40.3
Industrial machinery and equipment	42.0	41.8	42.1	42.0	42.0	42.1	42.1	42.1	41.8	42.1	41.6	41.5	41.5
Electronic and other electrical equipment ..	41.0	40.9	40.9	41.0	40.7	40.6	41.1	40.7	40.7	40.8	40.3	40.5	40.2
Transportation equipment	42.0	41.9	42.5	42.6	42.8	42.6	42.8	42.5	41.1	41.5	41.5	41.0	40.6
Motor vehicles and equipment	42.3	41.8	43.4	43.7	43.6	43.7	43.5	42.9	40.3	41.3	41.5	40.8	40.2
Instruments and related products	41.1	41.2	41.1	41.2	41.2	41.3	41.3	41.0	41.0	41.2	40.8	41.0	40.9
Miscellaneous manufacturing	39.4	39.2	39.4	39.4	39.5	39.9	39.9	39.8	39.6	39.2	39.0	39.3	39.1
Nondurable goods	40.0	40.0	40.1	40.3	40.1	40.2	40.2	40.0	39.9	40.0	39.8	39.8	39.8
<i>Overtime hours</i>	3.6	3.4	3.6	3.6	3.6	3.7	3.6	3.6	3.6	3.6	3.4	3.4	3.3
Food and kindred products	40.7	40.6	40.8	40.9	40.5	41.0	41.2	40.6	40.8	40.9	40.7	40.6	40.7
Tobacco products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Textile mill products	40.0	40.0	40.2	40.4	40.2	40.0	40.0	39.9	39.3	39.4	39.4	39.1	39.3
Apparel and other textile products	36.3	36.4	36.6	36.7	36.6	36.6	36.6	36.4	36.3	36.6	36.3	36.5	36.3
Paper and allied products	43.2	43.3	43.3	43.5	43.5	43.5	43.2	43.5	43.4	43.5	43.0	42.9	43.0
Printing and publishing	38.0	37.8	37.9	38.0	38.0	38.2	38.0	37.9	37.8	37.8	37.7	37.6	37.5
Chemicals and allied products	42.5	42.6	42.6	42.6	42.4	42.3	42.7	42.6	42.6	42.8	42.5	42.4	42.4
Petroleum and coal products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Rubber and misc. plastics products	41.4	40.9	41.4	41.6	41.5	41.3	41.4	41.1	40.9	41.0	40.8	40.6	40.6
Leather and leather products	37.7	37.5	37.4	37.5	37.4	37.7	37.5	37.2	36.8	37.4	36.9	37.1	36.8
Transportation and public utilities	39.0	39.0	39.1	39.2	39.0	38.9	39.1	38.4	38.7	38.9	38.7	38.6	38.6
Wholesale trade	38.1	38.1	38.0	38.1	38.1	38.1	38.2	37.9	38.0	38.3	37.9	37.9	38.0
Retail trade	29.0	29.0	29.0	29.0	28.9	28.7	28.9	28.4	28.7	28.8	28.4	28.6	28.6
Finance, insurance, and real estate	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Services	32.5	32.6	32.5	32.6	32.6	32.5	32.8	32.3	32.5	32.8	32.2	32.6	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 reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1986 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	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^P	Mar. ^P
Total private	124.4	124.2	124.6	125.3	124.8	124.6	125.3	123.1	123.4	124.0	121.8	122.1	121.3
Goods-producing	111.5	110.1	111.2	111.7	110.5	110.5	110.3	108.0	107.0	107.0	104.1	104.1	102.3
Mining	64.9	65.2	65.9	66.0	66.9	66.1	67.3	66.6	67.9	68.1	67.1	67.9	66.9
Construction	144.6	138.6	142.1	144.3	138.4	139.8	139.7	132.1	135.4	135.0	124.1	129.4	123.7
Manufacturing	107.5	107.0	107.5	107.6	107.4	107.1	106.8	105.6	103.5	103.5	102.3	101.0	100.1
Durable goods	107.3	106.5	107.3	107.1	107.1	106.5	105.9	104.6	101.8	101.9	100.4	98.5	97.3
Lumber and wood products	132.5	131.7	131.9	130.5	129.7	129.7	130.5	126.1	122.9	123.3	120.1	117.7	116.4
Furniture and fixtures	126.6	125.4	125.7	126.0	125.8	125.7	123.9	121.4	118.0	117.7	116.5	111.1	112.0
Stone, clay, and glass products	111.7	110.7	110.5	110.5	108.2	109.5	108.7	105.9	106.2	106.2	101.4	102.9	99.9
Primary metal industries	92.7	90.9	93.5	93.5	94.3	93.0	92.9	92.7	90.9	89.5	88.8	85.6	84.6
Blast furnaces and basic steel products	79.3	79.1	81.2	80.4	82.3	80.8	81.6	81.8	81.6	80.2	78.0	73.4	71.4
Fabricated metal products	107.7	107.2	108.3	107.8	108.5	108.1	107.4	105.9	103.5	103.8	102.5	99.5	98.0
Industrial machinery and equipment	98.8	98.2	98.9	98.4	98.5	98.1	96.8	96.8	95.4	95.5	94.1	93.1	92.2
Electronic and other electrical equipment	110.2	109.7	109.5	109.6	108.3	107.2	107.6	106.1	104.9	104.6	102.2	102.4	100.7
Transportation equipment	121.1	120.2	121.8	123.3	124.1	122.2	121.3	120.0	110.0	112.0	111.2	106.7	105.2
Motor vehicles and equipment	128.3	123.4	131.2	133.7	133.2	131.2	129.1	127.2	109.3	114.8	114.0	108.1	106.0
Instruments and related products	88.4	88.4	87.7	87.2	86.8	86.5	86.0	84.8	84.3	84.7	84.2	84.5	84.3
Miscellaneous manufacturing	104.6	102.9	104.2	102.7	104.5	104.8	104.8	103.8	102.1	100.7	100.6	100.2	98.2
Nondurable goods	107.8	107.6	107.9	108.2	107.7	108.0	107.9	106.9	106.0	105.8	104.9	104.4	103.9
Food and kindred products	108.5	108.7	109.2	108.7	107.9	109.7	110.4	108.9	109.1	109.9	109.5	109.9	109.7
Tobacco products	68.1	64.7	65.8	64.3	66.6	68.8	68.5	66.0	66.8	69.0	68.3	66.5	65.0
Textile mill products	101.2	101.2	100.9	101.2	100.6	100.1	99.4	97.6	96.2	95.3	94.8	92.9	93.2
Apparel and other textile products	92.7	92.9	92.9	93.0	92.4	92.4	92.3	91.3	89.7	89.8	88.3	88.9	88.2
Paper and allied products	110.4	110.8	110.4	111.4	111.6	111.8	110.8	111.4	110.2	110.3	109.4	109.0	109.0
Printing and publishing	128.4	127.6	128.1	128.6	129.0	129.6	128.3	127.8	126.7	126.2	125.4	123.9	123.0
Chemicals and allied products	104.3	104.6	104.6	104.4	104.3	103.2	104.1	103.9	103.5	103.9	102.6	102.4	102.2
Petroleum and coal products	89.2	88.0	88.0	93.0	88.3	88.0	89.9	86.8	92.0	86.4	85.1	87.4	85.4
Rubber and misc. plastics products	125.6	124.6	126.0	127.3	127.2	126.8	126.7	125.2	122.2	121.4	120.1	118.0	116.5
Leather and leather products	63.1	62.2	61.5	61.1	59.8	59.6	58.8	57.1	55.4	55.7	55.0	54.1	53.1
Service-producing	130.2	130.5	130.6	131.4	131.2	130.9	132.0	129.9	130.8	131.7	129.8	130.3	129.8
Transportation and public utilities	115.3	115.2	116.0	116.7	115.8	115.2	116.4	114.4	115.4	116.4	115.8	114.8	114.6
Wholesale trade	119.4	119.3	118.9	119.8	119.5	119.5	119.6	118.4	118.4	119.1	117.2	116.7	116.8
Retail trade	124.9	125.0	125.1	125.3	125.1	124.1	124.9	122.5	123.3	123.3	121.5	121.6	121.2
Finance, insurance, and real estate	122.3	122.6	122.5	122.9	123.1	122.9	124.1	121.2	122.0	123.6	121.7	121.9	122.5
Services	143.9	144.4	144.6	145.8	145.9	146.0	147.7	145.7	146.9	148.2	145.8	147.5	146.6

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

^P = preliminary.

NOTE: Establishment survey estimates reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1986 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	1990										1991		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. ^p	Mar. ^p
Average hourly earnings													
Total private (in current dollars)	\$9.93	\$9.96	\$9.98	\$10.03	\$10.07	\$10.09	\$10.13	\$10.12	\$10.14	\$10.19	\$10.19	\$10.20	\$10.25
Mining	13.51	13.59	13.58	13.73	13.79	13.73	13.83	13.79	13.84	13.77	14.03	13.92	14.06
Construction	13.66	13.62	13.71	13.73	13.76	13.78	13.82	13.82	13.79	13.79	13.93	13.90	13.88
Manufacturing	10.73	10.75	10.81	10.86	10.89	10.90	10.93	10.97	10.97	11.00	11.04	11.02	11.06
Excluding overtime ²	10.28	10.34	10.35	10.38	10.40	10.40	10.44	10.50	10.50	c10.55	10.60	10.60	10.64
Transportation and public utilities	12.87	12.96	12.88	12.92	13.02	13.00	13.02	13.03	13.02	13.10	13.16	13.10	13.18
Wholesale trade	10.67	10.74	10.74	10.80	10.84	10.84	10.94	10.89	10.93	11.03	11.01	11.05	11.09
Retail trade	6.73	6.74	6.76	6.78	6.79	6.82	6.83	6.84	6.87	6.85	6.87	6.88	6.93
Finance, insurance, and real estate	9.82	9.88	9.87	9.98	10.08	10.06	10.17	10.11	10.12	10.27	10.18	10.19	10.31
Services	9.72	9.79	9.80	9.85	9.92	9.93	9.98	9.96	9.99	10.07	10.05	10.10	10.16
Total private (in constant dollars) ³	7.57	7.58	7.58	7.58	7.58	7.53	7.50	7.45	7.44	7.45	7.43	7.43	(*)
Average weekly earnings													
Total private:													
In current dollars	343.58	343.62	344.31	348.04	347.42	348.11	351.51	346.10	348.82	352.57	347.48	349.86	350.55
In constant (1982) dollars ³	261.88	261.51	261.44	262.87	261.61	259.78	260.19	254.67	255.92	257.92	253.27	254.81	(*)

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.

c = corrected.

NOTE: Establishment survey estimates reflect the 1987 Standard Industrial Classification (SIC) system and are currently projected from March 1989 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1986 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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Alabama	40.8	40.7	38.0	\$9.21	\$9.66	\$9.66	\$375.77	\$393.16	\$367.06
Birmingham	40.9	41.2	40.0	9.53	10.00	9.86	389.78	412.00	394.40
Mobile	40.9	41.7	40.7	11.50	11.25	11.45	470.35	469.13	466.02
Alaska	42.0	42.1	48.6	11.90	11.37	10.79	499.80	478.68	524.39
Arizona	41.0	40.4	39.8	10.08	10.48	10.45	413.28	423.39	415.91
Arkansas	40.8	40.9	40.3	8.37	8.74	8.68	341.50	357.47	349.80
Fayetteville-Springdale	41.7	38.8	41.7	7.49	7.68	7.83	312.33	297.98	326.51
Fort Smith	39.5	39.5	39.5	8.84	8.94	8.97	349.18	353.13	354.32
Little Rock-North Little Rock	40.9	41.1	40.4	9.14	9.31	9.38	373.83	382.64	378.95
Pine Bluff	42.3	42.5	41.2	10.50	10.53	10.30	444.15	447.63	424.36
California	40.3	40.2	40.2	11.29	11.74	11.73	454.99	471.95	471.55
Anaheim-Santa Ana	41.2	40.3	40.4	11.34	11.96	12.01	467.21	481.99	485.20
Bakersfield	39.9	40.7	41.1	12.31	12.25	12.10	491.17	498.58	497.31
Fresno	38.8	39.6	39.8	9.31	9.92	9.88	361.23	392.83	393.22
Los Angeles-Long Beach	40.7	40.8	40.8	10.76	11.14	11.17	437.93	454.51	455.74
Modesto	38.3	38.3	40.2	10.45	10.96	10.94	400.24	419.77	439.79
Oakland	41.5	40.0	40.2	13.39	13.61	13.56	555.69	544.40	545.11
Oxnard-Ventura	40.9	40.3	41.2	10.76	10.98	10.95	440.08	442.49	451.14
Riverside-San Bernardino	39.7	39.2	38.9	10.19	10.56	10.73	404.54	413.95	417.40
Sacramento	39.2	37.0	37.3	11.58	12.24	12.25	453.94	452.88	456.93
San Diego	40.2	39.8	40.3	11.34	11.81	11.80	455.87	470.04	475.54
San Francisco	39.7	39.2	40.4	12.67	13.17	13.26	503.00	516.26	535.70
San Jose	40.3	40.5	40.2	13.50	13.94	14.01	544.05	564.57	563.20
Santa Barbara-Santa Maria-Lompoc	40.5	41.8	41.8	11.63	12.16	12.16	471.02	508.29	508.29
Santa Rosa-Petaluma	37.2	37.6	37.8	11.25	11.59	11.60	418.50	435.78	438.48
Stockton	40.7	40.0	40.0	11.08	11.47	11.44	450.96	458.80	457.60
Vallejo-Fairfield-Napa	38.4	39.3	38.6	13.41	13.62	13.35	514.94	535.27	515.31
Colorado	40.5	40.8	40.6	10.57	11.30	11.31	428.09	461.04	459.19
Denver	40.0	40.4	40.7	11.98	12.57	12.37	478.40	507.83	503.46
Connecticut	42.2	41.4	42.0	11.41	11.79	11.79	481.50	488.11	495.18
Bridgeport-Milford	42.1	41.7	41.9	12.16	12.18	12.44	511.94	507.91	521.24
Hartford	42.8	41.4	41.5	12.25	12.55	12.54	524.30	519.57	520.41
New Britain	42.3	41.0	41.9	12.21	12.36	12.75	516.48	508.76	534.23
New Haven-Meriden	41.7	40.5	40.4	10.86	11.21	11.10	452.86	454.01	448.44
Stamford	40.9	40.2	40.9	11.85	12.18	12.09	484.67	489.64	484.48
Waterbury	42.4	41.1	41.4	10.15	10.87	10.83	430.36	446.76	448.36
Delaware	41.1	39.5	39.8	12.60	12.19	11.00	517.86	481.51	437.80
Wilmington	42.6	40.1	40.1	15.20	14.56	13.42	647.52	583.86	538.14
District of Columbia:									
Washington MSA	39.1	37.5	38.9	12.27	12.92	12.80	479.76	484.50	497.92
Florida	41.1	40.4	40.2	8.80	9.14	9.17	361.68	369.26	368.63
Fort Lauderdale-Hollywood-Pompano Beach	41.6	40.1	40.5	8.90	9.41	9.43	370.24	377.34	381.92
Jacksonville	41.1	41.9	41.1	9.24	9.46	9.51	379.76	396.37	390.86
Miami-Hialeah	40.3	39.0	39.3	7.45	7.54	7.47	300.24	294.06	293.57
Orlando	40.9	41.6	41.2	10.10	10.44	10.34	413.09	434.30	426.01
Pensacola	42.4	44.1	42.9	11.19	11.73	11.74	474.46	517.29	503.65
Tampa-St. Petersburg-Clearwater	40.8	40.1	39.8	9.06	9.26	9.42	369.65	371.33	374.92
West Palm Beach-Boca Raton-DeLray Beach	42.2	43.8	43.2	9.93	9.95	10.16	419.05	433.82	438.91
Georgia	40.3	40.6	39.3	9.03	9.35	9.39	363.91	379.61	369.03
Atlanta	42.6	40.8	39.9	10.37	10.98	11.00	441.76	447.98	438.90
Savannah	45.5	45.1	47.2	11.37	11.56	11.66	517.34	521.36	550.35
Hawaii	40.0	37.5	38.2	10.86	11.20	11.49	434.40	420.00	438.92
Honolulu	39.5	37.4	37.9	11.00	11.76	12.04	434.50	439.82	456.32
Idaho	39.0	38.3	37.4	10.46	11.19	11.08	407.94	428.58	414.39

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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Illinois	41.1	40.9	40.7	\$11.29	\$11.58	\$11.60	\$464.02	\$473.62	\$472.12
Aurora-Egin	41.5	40.1	40.0	10.82	11.46	11.48	449.03	459.55	459.20
Bloomington-Normal	39.9	43.3	43.4	12.13	13.95	14.02	483.99	604.04	608.47
Champaign-Urbana-Rantoul	39.7	41.6	40.8	9.66	10.09	10.01	383.50	419.74	408.41
Chicago	40.6	40.4	40.1	11.07	11.28	11.31	449.44	455.71	453.53
Davenport-Rock Island-Moline	41.5	40.1	41.4	13.36	13.73	13.93	554.44	550.57	576.70
Decatur	44.9	43.9	44.1	14.34	14.99	15.03	643.87	658.06	662.82
Joliet	42.1	42.4	41.8	13.05	13.24	13.30	549.41	561.38	555.94
Kankakee	42.1	43.1	41.6	11.80	12.06	11.99	496.78	519.79	498.78
Lake County	40.0	40.4	40.0	11.65	11.74	11.72	466.00	474.30	468.80
Peoria	43.1	40.6	42.6	13.79	14.07	14.35	594.35	571.24	611.31
Rockford	41.1	39.8	40.4	12.17	12.55	11.75	500.19	499.49	474.70
Springfield	36.5	39.0	39.4	9.85	11.09	11.10	359.53	432.51	437.34
Indiana	40.5	41.0	39.9	11.86	12.32	12.27	480.33	505.12	489.57
Iowa	40.2	40.5	39.3	11.10	11.63	11.48	446.22	471.02	451.16
Cedar Rapids	38.0	40.7	39.2	12.69	13.73	13.64	482.22	558.81	554.69
Des Moines	40.4	41.9	40.9	12.08	12.61	12.39	488.03	528.36	506.75
Dubuque	40.3	42.2	40.3	11.84	12.24	12.12	477.15	516.53	488.44
Sioux City	38.1	41.8	38.9	8.62	9.19	8.92	328.42	384.14	346.99
Kansas	39.9	39.9	39.6	10.82	10.99	10.99	431.72	438.50	435.20
Topeka	41.2	38.8	38.9	11.93	12.31	12.27	491.52	477.63	477.30
Wichita	40.8	40.0	40.3	12.02	12.45	12.51	490.42	498.00	504.15
Kentucky	39.9	40.2	39.6	10.53	10.80	10.86	420.15	434.16	430.06
Lexington-Fayette	41.4	42.0	41.2	10.78	11.34	11.30	446.29	476.28	465.56
Louisville	40.6	42.3	41.7	12.04	12.29	12.42	488.82	519.87	517.91
Louisiana	42.2	42.8	40.6	11.48	11.70	11.85	484.46	500.76	481.11
Baton Rouge	42.9	42.9	44.9	13.53	13.80	13.45	580.44	592.02	603.91
New Orleans	41.7	42.6	39.7	10.90	11.06	11.41	454.53	471.16	452.98
Shreveport	41.7	41.0	40.1	11.98	12.79	12.86	499.57	524.39	515.69
Maine	40.3	39.7	39.7	10.38	10.94	10.94	418.31	434.32	434.32
Lewiston-Auburn	39.0	37.6	37.6	9.13	9.46	9.31	356.07	355.70	350.06
Portland	38.3	37.1	36.8	10.44	10.66	10.38	399.85	395.49	381.98
Maryland	40.3	40.1	40.3	11.46	11.75	11.80	461.84	471.18	475.54
Baltimore MSA	40.6	40.4	40.7	11.87	12.27	12.29	481.92	495.71	500.20
Massachusetts	40.7	40.7	41.0	11.22	11.63	11.65	456.65	473.34	477.65
Boston	40.5	39.6	40.3	11.74	12.34	12.42	475.47	488.66	500.53
Springfield	41.8	41.1	40.6	10.55	10.97	11.12	440.99	450.87	451.47
Worcester	41.1	42.5	42.5	11.04	11.14	11.19	453.74	473.45	475.58
Michigan	40.6	41.1	40.0	13.55	14.18	14.05	550.13	582.80	562.00
Ann Arbor	42.1	43.1	41.1	14.33	15.47	15.21	603.29	666.76	625.13
Battle Creek	41.8	42.2	41.2	14.21	15.52	15.22	593.98	654.94	627.06
Detroit	41.4	41.6	40.0	14.64	15.19	15.04	606.10	631.90	601.60
Flint	40.6	40.0	40.1	17.29	18.46	18.20	701.97	738.40	729.82
Grand Rapids	40.2	40.6	39.4	11.73	11.84	11.92	471.55	480.70	469.65
Jackson	40.4	40.3	40.4	10.61	10.49	10.81	428.64	422.75	436.72
Kalamazoo	40.6	42.6	41.8	13.30	14.44	14.48	539.98	615.14	605.26
Lansing-East Lansing	36.1	39.9	40.4	14.54	16.48	17.06	524.89	657.55	689.22
Muskegon	41.0	40.8	39.3	12.41	12.72	12.55	508.81	518.98	493.21
Saginaw-Bay City-Midland	41.2	40.4	40.0	15.45	16.63	16.12	636.54	671.85	644.80
Minnesota	40.0	40.2	39.9	11.17	11.43	11.41	446.80	459.49	455.26
Duluth	39.3	40.8	41.4	12.07	11.39	11.35	474.35	464.71	469.89
Minneapolis-St. Paul	40.0	40.5	39.9	11.71	12.07	12.02	468.40	488.84	479.60
St. Cloud	41.1	38.0	38.5	9.83	10.11	10.17	404.01	384.18	391.55
Mississippi	39.6	38.8	38.5	8.28	8.49	8.45	327.89	329.41	325.33
Jackson	40.7	39.6	39.3	9.36	9.56	9.41	380.95	378.58	369.81

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. 1990	Jan. 1991	Feb. 1991 ^a	Feb. 1990	Jan. 1991	Feb. 1991 ^a	Feb. 1990	Jan. 1991	Feb. 1991 ^a
Missouri	40.6	39.5	39.6	\$10.73	\$10.59	\$10.60	\$435.64	\$418.31	\$419.76
Kansas City	40.8	40.8	40.3	11.24	11.51	11.50	458.59	469.61	463.45
St. Louis	42.3	41.4	40.7	12.70	12.77	12.87	537.21	528.68	523.81
Springfield	39.0	38.9	37.9	9.10	9.49	9.45	354.90	369.16	358.16
Montana	38.6	38.7	39.1	11.42	11.43	11.45	440.81	442.34	447.70
Nebraska	39.9	41.0	39.8	9.52	9.78	9.76	379.85	400.98	388.45
Lincoln	39.7	38.9	38.9	10.79	10.99	10.97	428.36	427.51	426.73
Omaha	40.9	41.4	39.6	10.26	10.65	10.79	419.63	440.91	427.28
Nevada	39.7	40.0	39.9	11.00	11.00	10.78	436.70	440.00	430.12
Las Vegas	41.8	40.5	39.6	13.07	12.47	12.53	546.33	505.04	496.19
New Hampshire	40.9	40.8	40.5	10.77	10.60	10.74	440.49	432.48	434.97
Manchester	42.7	40.9	40.9	10.72	10.80	10.89	457.74	441.72	445.40
Nashua	40.5	40.2	40.1	13.39	12.71	12.86	542.30	510.94	515.89
Portsmouth-Dover-Rochester	41.0	42.2	41.7	10.11	10.14	10.38	414.51	427.91	432.85
New Jersey	41.2	40.8	41.1	11.65	12.00	12.05	479.98	489.60	495.26
New Mexico	40.5	40.7	41.0	9.01	9.29	9.23	364.91	378.10	378.43
Albuquerque	38.8	38.9	39.7	8.95	9.49	9.46	347.26	389.16	375.56
New York	39.7	39.2	39.4	10.90	11.32	11.31	432.73	443.74	445.61
Albany-Schenectady-Troy	41.3	40.0	40.5	11.70	11.78	11.73	483.21	471.20	475.07
Binghamton	40.6	38.7	39.3	9.65	9.93	10.03	391.79	384.29	394.18
Buffalo	41.2	40.6	41.0	13.06	13.12	13.09	538.07	532.87	536.69
Elmira	40.5	40.3	40.3	9.50	10.22	10.23	384.75	411.87	412.27
Glens Falls	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Nassau-Suffolk	40.4	39.2	40.1	11.73	11.93	11.89	473.89	467.66	476.79
New York PMSA	37.2	36.4	37.1	10.25	10.49	10.39	381.30	381.84	385.47
New York City	36.8	36.3	36.9	10.07	10.45	10.35	368.56	379.34	381.92
Niagara Falls	40.0	41.7	39.9	13.80	14.18	14.10	552.00	591.31	562.59
Orange County	40.8	38.9	39.1	9.39	9.74	9.76	383.11	378.89	382.40
Poughkeepsie	39.9	39.7	40.0	11.18	10.94	10.97	446.08	434.32	438.80
Rochester	42.3	41.7	41.5	12.41	13.02	13.00	524.94	542.93	539.50
Rockland County	41.1	38.8	40.2	8.68	9.67	9.84	358.75	375.20	395.57
Syracuse	40.7	40.4	40.4	11.94	12.44	12.49	485.96	502.58	504.60
Utica-Rome	41.2	39.4	39.3	10.26	10.58	10.60	422.71	416.85	416.58
Westchester County	40.2	36.3	38.1	12.14	11.20	10.89	488.03	406.58	414.91
North Carolina	39.6	39.4	38.5	8.63	9.03	9.01	341.75	355.78	346.89
Asheville	41.3	40.9	39.1	8.67	8.97	8.96	358.07	366.87	350.34
Charlotte-Gastonia-Rock Hill	39.6	39.0	38.0	9.18	9.64	9.67	363.53	375.96	367.46
Greensboro-Winston-Salem-High Point	38.6	39.2	38.7	9.24	9.72	9.63	356.66	381.02	372.68
Raleigh-Durham	42.0	41.6	41.3	9.78	10.24	10.23	410.76	425.98	422.50
North Dakota	39.8	39.9	39.9	8.85	9.03	8.87	352.23	360.30	353.91
Fargo-Moorhead	38.5	38.8	37.4	8.81	8.66	8.68	339.19	336.01	324.63
Ohio	41.9	42.0	41.4	12.38	12.85	12.79	518.72	539.70	529.51
Akron	42.5	42.5	41.8	11.68	11.93	11.67	496.40	507.03	487.81
Canton	42.2	41.9	41.7	11.23	11.29	11.33	473.91	473.05	472.46
Cincinnati	42.5	42.3	42.4	11.73	12.32	12.30	498.53	521.14	521.52
Cleveland	42.2	41.8	41.2	11.91	12.21	11.98	502.60	510.38	493.58
Columbus	42.1	41.7	41.5	12.36	12.70	12.73	520.36	529.59	528.30
Dayton-Springfield	41.7	41.3	40.8	13.07	13.62	13.47	545.02	562.51	549.58
Toledo	41.8	42.5	42.3	13.19	13.34	13.31	551.34	566.95	563.01
Youngstown-Warren	41.9	42.6	41.9	14.12	15.38	15.40	591.63	655.19	645.26
Oklahoma	41.1	41.1	41.3	10.69	10.70	10.81	439.36	439.77	446.45
Oklahoma City	41.0	42.9	44.6	11.60	11.56	11.53	475.60	495.92	514.24
Tulsa	40.7	41.3	41.1	11.37	11.66	11.74	462.76	481.56	482.51
Oregon	38.0	38.5	39.0	11.01	11.48	11.44	418.38	441.98	446.16
Eugene-Springfield	37.6	35.9	37.2	10.94	11.18	10.73	411.34	401.36	412.18
Portland	38.6	39.3	39.7	11.23	11.73	11.65	433.48	460.99	462.51
Salem	36.0	36.3	36.8	9.91	10.15	10.22	358.78	368.45	376.10

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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Pennsylvania	40.5	39.8	40.2	\$10.91	\$11.25	\$11.24	\$441.86	\$447.75	\$451.85
Allentown-Bethlehem	39.2	38.3	39.2	10.92	11.32	11.20	428.06	433.56	439.04
Altoona	39.3	38.8	38.5	9.30	9.53	9.29	365.49	369.76	357.67
Beaver County	43.1	43.2	43.5	10.79	11.49	11.29	465.05	496.37	491.12
Erie	43.3	43.2	42.7	11.41	11.74	11.83	494.05	507.17	505.14
Harrisburg-Lebanon-Carlisle	39.8	38.8	38.5	11.05	11.27	11.31	439.79	437.28	435.44
Johnstown	38.0	38.1	38.5	8.29	8.80	8.77	315.02	335.28	337.65
Lancaster	40.3	37.8	39.0	10.78	11.21	11.13	434.43	423.74	434.07
Philadelphia PMSA	40.3	39.6	40.3	11.90	12.23	12.22	479.57	484.31	492.47
Pittsburgh	41.7	41.4	41.3	11.27	11.47	11.51	469.96	474.86	475.36
Reading	41.1	39.4	40.2	11.31	11.78	11.69	464.84	464.13	469.94
Scranton-Wilkes-Barre	38.3	38.2	38.4	9.53	9.89	9.90	365.00	377.80	380.16
Sharon	41.3	42.7	42.3	11.77	12.14	12.22	466.10	518.38	516.91
State College	39.7	38.5	38.6	9.61	9.86	9.87	381.52	379.61	380.98
Williamsport	39.5	40.1	39.7	9.57	10.51	10.38	378.02	421.45	412.09
York	41.5	39.8	41.2	10.46	10.93	10.83	434.09	435.01	446.20
Rhode Island	39.7	39.1	39.9	9.29	9.70	9.76	368.81	379.27	389.42
Pawtucket-Woonsocket-Attleboro	39.0	38.4	39.4	8.65	8.97	8.99	337.35	344.45	354.21
Providence	39.2	38.6	39.3	8.85	9.75	9.85	348.92	376.35	387.11
South Carolina	41.2	41.1	40.6	8.73	9.03	9.02	359.68	371.13	366.21
Charleston	41.0	40.5	40.1	9.10	9.23	9.24	373.10	373.82	370.52
Columbia	41.7	41.4	40.7	8.93	9.19	9.25	372.38	380.47	376.48
Greenville-Spartanburg	40.8	40.9	40.5	8.69	8.99	9.03	354.55	367.69	365.72
South Dakota	39.7	39.6	40.3	8.35	8.62	8.60	331.50	341.35	346.58
Sioux Falls	40.9	41.4	40.8	8.21	9.10	9.06	335.79	376.74	369.65
Tennessee	37.7	39.1	38.8	9.32	9.82	9.75	351.36	383.96	378.30
Chattanooga	40.0	41.7	40.2	8.48	8.82	9.03	339.20	367.79	363.01
Johnson City-Kingsport-Bristol	40.4	40.1	40.5	9.08	10.60	10.54	366.83	425.06	426.87
Knoxville	36.0	38.3	37.8	9.01	9.73	9.73	324.36	372.66	367.79
Memphis	39.6	40.0	40.1	9.58	10.26	10.33	379.37	410.40	414.23
Nashville	37.6	40.7	40.8	10.59	11.27	11.17	398.18	458.69	455.74
Texas	41.5	41.7	41.2	10.36	10.74	10.68	429.94	447.86	440.02
Dallas	41.8	41.7	40.9	10.26	10.49	10.46	428.87	437.43	427.81
Ft. Worth-Arlington	41.2	41.9	39.9	11.30	11.55	11.30	465.56	483.95	450.87
Houston	44.1	45.0	44.9	11.95	12.36	12.37	527.00	556.20	555.41
San Antonio	40.7	39.6	39.6	7.52	8.04	8.19	306.06	318.38	324.32
Utah	40.3	39.4	39.3	10.27	10.47	10.49	413.88	412.52	412.26
Salt Lake City-Ogden	40.5	39.7	39.3	10.17	10.58	10.73	411.89	420.03	421.69
Vermont	40.5	41.3	41.0	10.39	10.78	10.91	420.80	445.21	447.31
Burlington	40.0	39.7	39.3	11.05	11.34	11.34	442.00	450.20	445.66
Virginia	40.2	39.7	39.5	9.90	10.28	10.23	397.98	408.12	404.09
Bristol	41.2	41.1	40.6	8.07	8.86	8.82	332.48	364.15	358.09
Charlottesville	42.6	39.2	39.2	8.73	9.03	8.91	371.90	353.98	349.27
Danville	40.3	40.2	40.5	9.57	9.92	9.98	385.67	398.78	404.19
Lynchburg	40.7	39.4	39.5	9.79	9.96	9.78	398.45	392.42	386.31
Northern Virginia	40.8	37.9	38.4	11.00	11.52	11.73	448.80	436.61	450.43
Richmond-Petersburg	42.0	42.6	41.2	12.73	13.57	13.34	534.66	578.08	549.61
Roanoke	41.7	41.6	40.3	11.80	12.29	12.25	492.06	511.26	493.68
Washington	39.6	39.5	39.5	12.60	13.27	13.19	498.96	524.17	521.01
West Virginia	40.4	40.7	40.7	11.32	11.67	11.55	457.33	474.97	470.09
Charleston	43.5	43.0	43.0	13.44	13.57	13.60	584.64	583.51	584.80
Huntington-Ashland	41.1	38.9	39.3	13.15	13.48	13.09	540.47	524.37	514.44
Parkersburg-Marietta	41.2	42.2	40.8	12.90	13.64	13.72	531.48	575.61	559.78
Wheeling	41.0	40.2	40.6	13.32	13.59	14.05	546.12	546.32	570.43

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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Wisconsin	41.2	41.1	40.7	\$11.04	\$11.30	\$11.35	\$454.85	\$464.43	\$461.95
Appleton-Oshkosh	42.4	42.8	42.3	11.89	12.21	12.26	504.14	522.59	518.60
Eau Claire	44.7	44.5	44.1	11.11	12.39	12.36	496.82	551.36	545.08
Green Bay	40.9	44.0	43.3	11.88	12.33	12.26	485.89	542.52	530.86
Janesville-Beloit	42.1	44.3	44.1	12.13	12.69	12.57	510.67	562.17	554.34
Kenosha	41.4	37.1	38.8	11.51	11.66	11.40	476.51	432.59	442.32
La Crosse	39.2	41.5	41.6	9.91	9.95	10.01	388.47	412.93	418.42
Madison	39.4	40.2	39.8	10.56	10.77	10.59	418.06	432.95	421.48
Milwaukee	41.8	41.1	40.4	11.86	12.08	12.14	495.75	496.49	490.46
Racine	38.6	39.3	38.8	11.20	11.64	12.02	432.32	457.45	466.38
Sheboygan	41.6	42.0	39.7	10.78	11.00	11.12	448.45	462.00	441.48
Wausau	41.6	42.6	40.4	10.71	11.19	11.10	447.68	476.69	448.44
Wyoming	40.0	38.1	38.7	10.64	10.51	10.53	433.60	400.43	407.51
Puerto Rico	39.7	37.7	39.5	5.90	6.19	6.23	234.23	233.36	246.09
Virgin Islands	42.7	41.7	41.8	11.62	12.68	12.13	496.17	528.76	504.61

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 1990 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. 1991 ^r	Feb. 1991 ^r	Mar. 1991 ^p	Mar. 1990 to Mar. 1991 ^p	Jan. 1991 to Feb. 1991 ^r	Feb. 1991 to Mar. 1991 ^p
Total	201,536	202,052	200,979	-1.5	0.3	-0.5
Private sector	164,655	165,173	164,092	-2.1	.3	-.7
Mining	1,702	1,721	1,701	3.1	1.1	-1.2
Construction	9,330	9,700	9,286	-12.0	4.0	-4.3
Manufacturing	39,250	38,898	38,596	-5.4	-.9	-.8
Durable goods	22,919	22,607	22,363	-7.5	-1.4	-1.1
Nondurable goods	16,331	16,291	16,233	-2.4	-.2	-.4
Transportation and public utilities	11,839	11,740	11,730	-.4	-.8	-.1
Wholesale trade	12,400	12,361	12,356	-2.0	-.3	.0
Retail trade	29,066	29,106	29,032	-2.6	.1	-.3
Finance, insurance, and real estate	12,677	12,694	12,698	.6	.1	.0
Services	48,390	48,954	48,694	2.0	1.2	-.5
Government	36,881	36,879	36,887	1.4	.0	.0

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 (202 523 9261).

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

(1982=100)

Item	Annual average		Quarterly index										
	1989	1990	1988			1989				1990			
			II	III	IV	I	II	III	IV	I	II	III	IV
Business sector													
Output per hour of all persons	112.6	111.9	112.9	113.6	113.1	113.0	113.0	112.6	111.9	111.7	111.9	112.1	112.1
Output	135.8	136.1	132.6	133.8	134.5	135.6	135.9	136.1	135.5	136.0	136.4	136.5	135.7
Hours	120.5	121.6	117.5	117.8	118.8	120.0	120.2	120.9	121.0	121.7	121.9	121.8	121.1
Compensation per hour	132.9	137.7	127.9	129.7	130.8	131.8	132.7	133.1	133.8	135.3	137.0	138.6	139.8
Real compensation per hour	103.4	101.7	104.9	105.1	104.8	104.4	103.5	103.0	102.5	101.8	102.2	101.7	100.8
Unit labor costs	117.9	123.0	113.3	114.2	115.6	116.7	117.4	118.2	119.5	121.1	122.5	123.6	124.8
Unit nonlabor payments	133.1	136.9	126.4	128.8	130.2	130.9	133.3	133.9	134.5	135.5	137.0	137.8	137.3
Implicit price deflator	122.8	127.5	117.5	118.9	120.3	121.2	122.5	123.3	124.3	125.8	127.2	128.2	128.8
Nonfarm business sector													
Output per hour of all persons	111.7	110.8	112.0	112.8	112.9	112.1	112.0	111.7	111.0	110.7	110.7	110.9	111.0
Output	136.7	137.0	133.4	134.8	136.0	136.4	136.8	137.1	136.3	136.8	137.2	137.4	136.5
Hours	122.3	123.8	119.1	119.5	120.5	121.7	122.2	122.7	122.8	123.7	123.9	123.9	123.0
Compensation per hour	131.9	136.5	127.1	128.8	130.0	131.0	131.6	132.1	132.9	134.2	135.8	137.4	138.7
Real compensation per hour	102.7	100.8	104.3	104.3	104.2	103.8	102.7	102.3	101.9	101.0	101.3	100.8	100.1
Unit labor costs	118.1	123.2	113.5	114.2	115.2	116.9	117.5	118.3	119.7	121.3	122.7	123.9	125.0
Unit nonlabor payments	133.8	137.4	127.2	128.8	132.1	131.0	134.0	134.8	135.4	135.7	137.5	138.3	138.3
Implicit price deflator	123.0	127.7	117.8	118.8	120.5	121.4	122.7	123.5	124.7	125.8	127.3	128.4	129.2
Manufacturing													
Output per hour of all persons	138.0	142.1	132.8	135.2	136.0	137.0	138.3	137.9	138.8	140.5	141.5	143.4	142.8
Output	151.5	152.8	144.9	148.0	150.0	151.2	152.1	151.5	151.0	151.7	153.3	154.7	151.4
Hours	109.8	107.5	109.1	109.5	110.3	110.4	110.0	109.9	108.8	108.0	108.3	107.9	106.0
Compensation per hour	127.7	131.9	122.1	123.6	125.0	126.7	127.1	128.2	128.9	129.7	131.2	132.5	134.0
Real compensation per hour	99.4	97.4	100.2	100.1	100.2	100.3	99.1	99.2	98.8	97.6	97.8	97.2	96.6
Unit labor costs	92.6	92.8	91.9	91.4	91.9	92.5	91.9	92.9	92.9	92.3	92.7	92.4	93.8
Durable goods													
Output per hour of all persons	151.4	156.8	144.6	147.3	148.8	149.5	152.0	152.0	152.0	153.8	156.2	159.1	157.8
Output	167.5	168.6	159.4	163.4	166.6	167.5	168.6	167.9	166.2	166.8	169.8	171.6	166.0
Hours	110.7	107.5	110.2	111.0	112.0	112.0	110.9	110.5	109.3	108.5	108.7	107.9	105.2
Compensation per hour	126.4	130.4	120.5	121.7	123.4	125.3	125.7	127.0	127.6	128.1	129.5	131.0	132.6
Real compensation per hour	98.4	96.3	98.8	98.6	98.9	99.2	98.1	98.3	97.8	96.4	96.6	96.1	95.6
Unit labor costs	83.5	83.1	83.3	82.6	83.0	83.8	82.7	83.6	84.0	83.3	82.9	82.3	84.0
Nondurable goods													
Output per hour of all persons	119.8	122.6	116.9	118.7	118.6	119.8	119.6	119.0	121.1	122.6	121.8	122.5	123.1
Output	130.0	131.8	125.7	127.4	128.0	129.5	130.1	129.7	130.9	131.6	131.4	132.1	131.8
Hours	108.5	107.5	107.5	107.4	107.9	108.1	108.7	109.0	108.1	107.4	107.9	107.9	107.1
Compensation per hour	129.6	134.5	124.6	126.3	127.4	128.5	129.1	130.0	131.1	132.2	134.0	135.1	136.6
Real compensation per hour	100.9	99.3	102.2	102.3	102.1	101.8	100.7	100.6	100.5	99.6	99.9	99.1	98.5
Unit labor costs	108.2	109.8	106.6	106.4	107.4	107.3	107.9	109.2	108.3	107.9	109.9	110.3	111.0
Nonfinancial corporations													
Output per all-employee hour	111.6	110.5	113.6	113.4	113.0	111.9	111.6	111.8	110.5	110.1	110.6	110.3	(¹)
Output	136.4	136.3	134.6	135.4	136.3	136.2	136.4	137.1	135.9	136.0	136.9	136.6	(¹)
Hours	122.2	123.3	118.5	119.4	120.6	121.7	122.2	122.7	123.0	123.5	123.8	123.9	(¹)
Compensation per hour	129.3	133.6	124.4	125.9	126.9	128.3	128.8	129.3	130.0	130.9	133.0	134.4	(¹)
Real compensation per hour	100.6	98.6	102.1	102.0	101.7	101.6	100.5	100.1	99.6	98.5	99.2	98.6	(¹)
Total unit costs	114.7	120.0	108.2	109.7	110.9	112.7	114.1	115.0	117.0	118.1	119.1	120.9	(¹)
Unit labor costs	115.8	120.9	109.6	111.1	112.3	114.6	115.4	115.7	117.6	118.9	120.2	121.9	(¹)
Unit nonlabor costs	111.8	117.9	104.6	106.0	107.3	108.0	110.6	113.3	115.2	116.2	116.2	118.6	(¹)
Unit profits	157.9	145.8	178.1	171.4	179.1	162.3	162.9	159.3	147.2	147.6	153.9	143.1	(¹)
Implicit price deflator	117.4	121.7	112.6	113.5	115.2	115.9	117.1	117.8	118.9	120.0	121.3	122.3	(¹)

¹ Not available.

SOURCE: Office of Productivity and Technology (202 523 9261).

**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 1989	IV 1989	I 1990	II 1990	III 1990	IV 1990	III 1989	IV 1989	I 1990	II 1990	III 1990	IV 1990
Business sector												
Output per hour of all persons	-1.6	-2.3	-0.9	0.6	0.9	-0.3	-0.9	-1.1	-1.2	-1.0	-0.4	0.1
Output .....	.6	-1.8	1.4	1.2	.5	-2.4	1.7	.8	.3	.3	.3	.2
Hours	2.2	.4	2.3	.5	-4	-2.2	2.7	1.9	1.4	1.4	.7	.0
Compensation per hour	1.1	2.2	4.5	5.4	4.6	3.6	2.6	2.3	2.6	3.3	4.2	4.5
Real compensation per hour	-2.0	-1.8	-2.7	1.4	-2.1	-3.2	-2.0	-2.2	-2.5	-1.3	-1.3	-1.7
Unit labor costs	2.8	4.6	5.4	4.7	3.7	3.8	3.5	3.4	3.8	4.4	4.6	4.4
Unit nonlabor payments	1.8	1.7	3.1	4.5	2.4	-1.6	4.0	3.2	3.6	2.8	2.9	2.1
Implicit price deflator	2.5	3.5	4.6	4.6	3.2	1.9	3.7	3.4	3.7	3.8	4.0	3.6
Nonfarm business sector												
Output per hour of all persons	-1.0	-2.5	-1.3	.3	.6	.3	-1.0	-1.6	-1.3	-1.1	-.7	.0
Output .....	.6	-2.1	1.4	1.2	.4	-2.6	1.7	.3	.3	.3	.2	.1
Hours	1.6	.5	2.8	.9	-2	-2.8	2.7	1.9	1.6	1.4	1.0	.1
Compensation per hour	1.6	2.3	3.9	5.0	4.7	4.0	2.6	2.2	2.4	3.2	4.0	4.4
Real compensation per hour	-1.5	-1.6	-3.2	1.0	-2.0	-2.6	-2.0	-2.2	-2.6	-1.3	-1.5	-1.8
Unit labor costs	2.6	5.0	5.3	4.7	4.1	3.7	3.6	3.9	3.7	4.4	4.8	4.4
Unit nonlabor payments	2.6	1.7	1.0	5.2	2.6	.1	4.7	2.5	3.6	2.6	2.6	2.2
Implicit price deflator	2.6	3.9	3.8	4.8	3.6	2.4	3.9	3.4	3.7	3.8	4.0	3.7
Manufacturing												
Output per hour of all persons	-1.0	2.5	4.9	3.1	5.4	-1.6	2.0	2.0	2.6	2.4	4.0	2.9
Output	-1.4	-1.3	1.8	4.3	3.5	-8.3	2.4	.7	.4	.8	2.1	.2
Hours	-4	-3.7	-2.9	1.2	-1.7	-6.8	.4	-1.3	-2.1	-1.5	-1.8	-2.6
Compensation per hour	3.6	2.4	2.3	4.7	4.0	4.7	3.7	3.1	2.4	3.2	3.3	3.9
Real compensation per hour .....	.4	-1.6	-4.8	.8	-2.7	-2.1	-9	-1.4	-2.7	-1.3	-2.1	-2.2
Unit labor costs	4.6	-.1	-2.5	1.6	-1.3	6.4	1.7	1.1	-.2	.9	-.6	1.0
Durable goods												
Output per hour of all persons	-.2	.0	4.8	6.6	7.5	-3.2	3.2	2.1	2.8	2.7	4.7	3.8
Output	-1.7	-4.1	1.6	7.3	4.3	-12.4	2.7	-.2	-.4	.7	2.2	-.1
Hours	-1.5	-4.1	-3.1	.7	-3.0	-9.5	-.4	-2.3	-3.1	-2.0	-2.4	-3.8
Compensation per hour	4.3	1.8	1.5	4.4	4.6	5.0	4.4	3.4	2.2	3.0	3.1	3.9
Real compensation per hour	1.1	-2.1	-5.5	.5	-2.1	-1.8	-.3	-1.1	-2.8	-1.5	-2.3	-2.2
Unit labor costs	4.5	1.8	-3.1	-2.0	-2.7	8.6	1.1	1.2	-.6	.3	-1.5	.1
Nondurable goods												
Output per hour of all persons	-2.1	7.1	5.2	-2.4	2.2	2.0	.3	2.1	2.3	1.9	2.9	1.7
Output	-1.0	3.7	2.3	-.6	2.1	-.9	1.8	2.3	1.7	1.1	1.9	.7
Hours	1.1	-3.2	-2.7	1.8	.0	-2.8	1.5	.2	-.7	-.8	-1.1	-1.0
Compensation per hour	2.6	3.4	3.6	5.4	3.3	4.7	2.9	2.9	2.9	3.7	3.9	4.2
Real compensation per hour	-.6	-.5	-3.5	1.4	-3.3	-2.1	-1.7	-1.6	-2.2	-.8	-1.5	-1.9
Unit labor costs	4.8	-3.4	-1.5	8.0	1.1	2.7	2.6	.8	.5	1.9	1.0	2.5
Nonfinancial corporations												
Output per all-employee hour .....	.6	-4.6	-1.5	1.9	-1.0	(¹)	-1.4	-2.2	-1.7	-1.0	-1.3	(¹)
Output	2.1	-3.6	.2	2.8	-.8	(¹)	1.3	-.3	-.2	.4	-.4	(¹)
Hours	1.5	1.1	1.8	.9	.2	(¹)	2.7	2.0	1.5	1.3	1.0	(¹)
Compensation per hour	1.6	1.9	2.8	6.6	4.4	(¹)	2.7	2.5	2.0	3.2	3.9	(¹)
Real compensation per hour	-1.5	-2.0	-4.3	2.6	-2.3	(¹)	-1.9	-2.0	-3.0	-1.3	-1.5	(¹)
Total unit costs	3.5	6.9	4.1	3.4	6.3	(¹)	4.9	5.5	4.8	4.4	5.1	(¹)
Unit labor costs	1.0	6.9	4.4	4.6	5.5	(¹)	4.1	4.8	3.8	4.2	5.3	(¹)
Unit nonlabor costs	10.2	6.9	3.3	.2	8.3	(¹)	6.9	7.4	7.6	5.1	4.6	(¹)
Unit profits	-8.5	-27.1	1.2	18.2	-25.3	(¹)	-7.0	-17.8	-9.0	-5.5	-10.2	(¹)
Implicit price deflator	2.4	3.6	3.9	4.5	3.4	(¹)	3.8	3.2	3.6	3.6	3.8	(¹)

¹ Not available.

SOURCE: Office of Productivity and Technology (202 523 9261).

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

D-1. 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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Alabama	1,862.7	1,873.6	1,889.2	127.8	123.0	139.4	6.9	6.6	7.4
Birmingham	432.0	436.1	439.0	22.2	21.5	25.1	5.1	4.9	5.7
Huntsville	132.1	132.5	134.0	6.4	5.9	8.1	4.9	4.5	6.1
Mobile	204.8	208.2	211.5	14.2	12.4	14.0	7.0	5.9	6.6
Montgomery	134.3	137.0	136.8	7.8	7.6	8.4	5.8	5.5	6.1
Tuscaloosa	73.4	72.5	73.4	6.6	3.2	4.1	8.9	4.4	5.6
Alaska	252.0	250.8	250.1	21.8	22.0	22.0	8.6	8.8	8.8
Arizona	1,693.0	1,728.6	1,700.4	82.2	91.1	87.8	4.9	5.3	5.2
Phoenix	1,053.5	1,077.8	1,057.8	41.7	48.2	46.6	4.0	4.5	4.4
Tucson	308.0	314.9	310.6	12.0	12.1	11.4	3.9	3.9	3.7
Arkansas	1,145.9	1,124.0	1,126.8	83.1	92.3	84.1	7.3	8.2	7.5
Fayetteville-Springdale	64.8	63.0	64.2	2.1	2.5	2.0	3.2	3.9	3.2
Fort Smith	93.7	92.4	92.3	7.8	8.7	8.4	8.3	9.4	9.1
Little Rock-North Little Rock	274.0	269.2	269.0	15.9	16.4	15.1	5.8	6.1	5.6
Pine Bluff	37.9	36.5	36.7	3.0	3.6	3.7	7.8	10.0	10.0
California¹	14,433.3	14,602.7	14,722.1	771.8	1,079.6	1,143.3	5.3	7.4	7.8
Anaheim-Santa Ana	1,384.8	1,375.6	1,378.3	37.7	64.6	65.4	2.7	4.7	4.7
Bakersfield	228.8	233.3	234.8	25.1	29.6	31.6	11.1	12.7	13.5
Fresno	298.1	318.7	319.8	36.3	43.5	47.9	12.2	13.7	15.0
Los Angeles-Long Beach ¹	4,371.0	4,365.0	4,479.0	241.0	286.0	329.0	5.5	6.6	7.4
Modesto	156.8	163.7	166.3	19.2	25.3	27.8	12.2	15.5	16.7
Oakland	1,077.4	1,098.9	1,093.5	40.7	60.3	60.5	3.8	5.5	5.5
Oxnard-Ventura	367.0	368.3	369.6	15.8	28.1	26.1	4.3	7.6	7.1
Riverside-San Bernardino	1,042.9	1,098.5	1,098.7	56.1	98.5	102.4	5.4	9.0	9.3
Sacramento	726.4	742.9	735.2	33.8	51.9	52.8	4.6	7.0	7.2
Salinas-Seaside-Monterey	153.3	159.3	160.0	18.2	26.3	25.4	11.9	16.5	15.9
San Diego	1,160.9	1,166.0	1,168.6	43.4	72.9	73.8	3.7	6.3	6.3
San Francisco	863.7	872.5	866.5	25.2	38.2	38.1	2.9	4.4	4.4
San Jose	818.2	808.7	809.1	29.2	45.2	45.5	3.6	5.6	5.6
Santa Barbara-Santa Maria-Lompoc	177.4	178.2	178.0	7.9	12.3	11.6	4.5	6.9	6.5
Santa Rosa-Petaluma	202.0	215.1	214.2	8.3	13.1	13.3	4.1	6.1	6.2
Stockton	189.3	195.4	196.4	19.7	27.0	27.8	10.4	13.8	14.1
Vallejo-Fairfield-Napa	193.0	200.4	199.4	9.5	14.8	14.6	4.9	7.4	7.3
Colorado	1,713.3	1,766.6	1,774.5	103.8	102.8	108.2	6.1	5.8	6.1
Boulder-Longmont	136.2	138.6	139.1	6.0	5.7	5.8	4.4	4.1	4.2
Denver	873.0	902.4	904.6	48.7	46.7	49.3	5.6	5.2	5.5
Connecticut	1,767.3	1,760.5	1,755.9	96.8	98.1	103.8	5.5	5.6	5.9
Bridgeport-Milford	230.7	227.8	227.5	15.9	14.9	15.4	6.9	6.5	6.8
Hartford	431.2	432.4	429.7	20.6	21.6	22.7	4.8	5.0	5.3
New Britain	73.7	72.9	73.0	5.0	5.3	5.7	6.8	7.3	7.8
New Haven-Meriden	285.4	284.1	282.6	14.6	14.6	15.6	5.1	5.1	5.5
Stamford	111.9	112.5	112.5	4.0	4.3	4.5	3.6	3.8	4.0
Waterbury	101.9	101.3	100.9	8.0	8.7	9.3	7.8	8.6	9.2
Delaware	358.8	362.2	365.1	19.5	24.3	28.0	5.4	6.7	7.7
Wilmington	313.0	314.4	318.0	16.3	20.5	26.9	5.2	6.5	8.4
District of Columbia	301.4	287.6	283.2	19.2	21.9	20.8	6.4	7.6	7.4
Washington	2,195.2	2,174.6	2,164.8	65.6	96.6	97.6	3.0	4.4	4.5
Florida¹	6,270.0	6,322.9	6,310.5	365.5	393.8	444.4	5.8	6.2	7.0
Daytona Beach	159.2	158.4	162.1	8.5	10.5	11.0	5.4	6.6	6.8
Fort Lauderdale-Hollywood-Pompano Beach	650.9	656.3	653.1	34.2	38.3	45.0	5.3	5.8	6.9
Fort Myers-Cape Coral	152.3	157.2	157.4	6.6	7.8	9.0	4.4	5.0	5.7
Gainesville	107.1	106.7	106.5	3.8	4.5	4.7	3.6	4.2	4.4
Jacksonville	447.6	451.0	449.8	26.4	27.3	30.6	5.9	6.1	6.8
Lakeland-Winter Haven	182.3	182.7	182.1	15.4	14.5	16.2	8.5	7.9	8.9
Melbourne-Titusville-Palm Bay	189.7	192.0	190.2	10.2	12.1	14.0	5.4	6.3	7.3
Miami-Hialeah	942.7	940.5	936.4	61.5	64.9	76.6	6.5	6.9	8.2
Orlando	625.9	626.9	625.1	33.4	36.1	39.6	5.3	5.8	6.3
Pensacola	146.4	145.0	144.9	9.1	8.9	10.0	6.2	6.2	6.9
Sarasota	124.9	126.6	127.0	5.5	5.7	6.4	4.4	4.5	5.1
Tallahassee	133.2	133.8	136.1	5.5	5.7	8.2	4.1	4.3	6.1
Tampa-St. Petersburg-Clearwater	1,006.5	1,014.0	1,008.5	51.2	57.6	62.6	5.1	5.7	6.2
West Palm Beach-Boca Raton-Delray Beach	428.7	432.9	431.4	24.7	26.8	29.7	5.8	6.2	6.9

See footnotes at end of table.

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

D-1. 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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Georgia	3,183.6	3,212.4	3,203.0	158.0	208.6	224.3	5.0	6.5	7.0
Albany	53.4	55.0	54.5	3.3	3.8	3.8	6.1	6.9	7.0
Athens	77.3	76.5	76.1	3.1	4.2	4.2	4.1	5.5	5.6
Atlanta	1,514.1	1,522.0	1,518.0	70.0	89.1	98.3	4.6	5.9	6.5
Augusta	193.7	198.7	197.5	8.0	10.9	11.4	4.1	5.5	5.8
Columbus	99.4	100.8	99.4	5.3	6.7	6.2	5.3	6.7	6.2
Macon-Warner Robins	132.8	134.9	134.3	6.1	7.3	7.2	4.6	5.4	5.3
Savannah	115.5	118.7	118.3	5.1	6.6	6.2	4.5	5.6	5.3
Hawaii	533.1	545.5	553.6	17.6	15.3	13.9	3.3	2.8	2.5
Honolulu	389.0	394.5	401.5	11.8	9.9	9.1	3.0	2.5	2.3
Idaho	491.9	491.3	491.3	33.6	37.7	38.0	6.8	7.7	7.7
Boise City	117.3	118.8	119.4	5.2	5.9	5.6	4.4	5.0	4.7
Illinois ¹	5,978.6	6,003.3	6,038.0	391.9	436.8	384.9	6.6	7.3	6.4
Aurora-Elgin	187.9	192.3	192.1	11.9	14.5	13.3	6.3	7.6	6.9
Bloomington-Normal	76.2	76.0	77.5	3.3	3.6	3.3	4.4	4.7	4.3
Champaign-Urbana-Rantoul	92.0	91.1	93.8	3.8	4.5	3.9	4.2	4.9	4.2
Chicago	3,280.2	3,275.7	3,295.3	195.8	219.0	192.3	6.0	6.7	5.8
Davenport-Rock Island-Moline	180.0	181.4	182.4	11.9	12.8	12.1	6.6	7.1	6.6
Decatur	59.7	59.4	60.4	4.6	5.1	4.4	7.7	8.5	7.3
Joliet	206.2	208.6	208.9	15.4	17.3	15.3	7.4	8.3	7.3
Kankakee	46.9	47.9	48.0	3.9	4.2	3.7	8.4	8.7	7.7
Lake County	298.3	304.9	306.2	12.6	15.6	14.0	4.2	5.1	4.6
Peoria	165.8	164.3	165.9	11.6	11.4	9.7	7.0	6.9	5.9
Rockford	154.2	155.3	156.0	10.3	11.3	13.0	6.7	7.3	8.3
Springfield	113.6	114.9	115.9	5.7	6.2	5.2	5.0	5.4	4.5
Indiana	2,824.2	2,776.9	2,802.6	158.0	187.9	201.6	5.6	6.8	7.2
Anderson	59.2	59.1	59.1	3.6	5.4	5.2	6.0	9.2	8.8
Bloomington	62.0	59.8	60.9	2.1	2.4	2.4	3.4	4.0	3.9
Elkhart-Goshen	93.9	91.2	92.3	5.2	7.3	7.8	5.5	8.0	8.4
Evansville	144.0	139.0	141.4	9.3	8.0	9.6	6.4	5.7	6.8
Fort Wayne	201.9	198.7	198.8	10.0	14.6	14.8	5.0	7.3	7.5
Gary-Hammond	263.5	255.3	258.7	15.5	15.7	18.4	5.9	6.2	7.1
Indianapolis	669.2	677.8	679.9	28.9	38.5	38.3	4.3	5.7	5.6
Kokomo	47.3	46.0	48.0	3.1	4.1	5.8	6.6	9.0	12.2
Lafayette-West Lafayette	70.7	67.1	67.9	2.5	2.9	2.5	3.6	4.3	3.6
Muncie	60.9	58.9	60.2	3.5	3.8	4.3	5.8	6.4	7.2
South Bend-Mishawaka	131.2	127.9	128.5	7.6	8.1	8.0	5.8	6.3	6.3
Terre Haute	61.1	60.0	60.6	3.0	3.3	3.5	4.8	5.5	5.8
Iowa	1,487.3	1,495.3	1,505.0	72.0	81.7	88.1	4.8	5.5	5.9
Cedar Rapids	96.9	97.4	98.3	4.3	5.6	6.4	4.5	5.8	6.5
Des Moines	235.2	239.0	239.0	8.8	9.7	10.0	3.7	4.1	4.2
Dubuque	44.6	45.1	45.8	2.9	3.5	3.6	6.6	7.8	7.8
Iowa City	62.7	62.7	61.5	1.0	1.3	1.4	1.7	2.1	2.3
Sioux City	61.0	60.8	61.3	2.3	3.1	3.0	3.8	5.1	4.9
Waterloo-Cedar Falls	72.5	74.1	75.0	4.0	4.3	4.7	5.5	5.8	6.2
Kansas	1,276.5	1,300.8	1,315.7	56.9	72.8	70.2	4.5	5.6	5.3
Lawrence	44.1	44.1	45.7	1.6	2.0	1.9	3.5	4.6	4.1
Topeka	92.2	91.8	92.9	4.2	5.5	5.0	4.6	6.0	5.4
Wichita	254.6	261.6	264.1	11.2	13.3	12.9	4.4	5.1	4.9
Kentucky	1,741.3	1,724.0	1,746.3	125.6	124.4	129.4	7.2	7.2	7.4
Lexington-Fayette	196.2	185.6	190.5	8.3	7.9	8.2	4.2	4.3	4.3
Louisville	512.3	505.6	510.7	28.7	32.3	27.6	5.6	6.4	5.4
Owensboro	44.6	42.8	43.7	3.3	2.8	3.2	7.3	6.6	7.3
Louisiana	1,820.4	1,869.9	1,859.5	124.1	131.5	122.0	6.8	7.0	6.6
Alexandria	56.6	57.2	56.5	3.9	4.4	3.9	6.9	7.7	6.9
Baton Rouge	263.5	268.0	268.6	14.6	16.0	14.7	5.5	6.0	5.5
Houma-Thibodaux	66.4	68.9	68.4	4.4	4.5	4.3	6.6	6.5	6.2
Lafayette	99.7	104.9	104.7	5.6	5.7	5.0	5.6	5.4	4.8
Lake Charles	74.3	76.3	76.3	5.2	5.5	4.9	7.0	7.2	6.5
Monroe	67.5	67.5	66.7	4.1	4.8	4.3	6.1	7.1	6.4
New Orleans	562.8	572.6	569.4	33.7	31.3	29.7	6.0	5.5	5.2
Shreveport	150.4	153.1	151.1	10.5	11.0	10.0	7.0	7.2	6.6
Maine	621.8	630.3	636.0	33.7	54.9	56.2	5.4	8.7	8.8
Lewiston-Auburn	43.4	43.3	43.9	3.1	4.7	5.1	7.2	10.9	11.6
Portland	132.8	131.1	132.3	4.5	8.0	8.3	3.4	6.1	6.3

See footnotes at end of table.

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

D-1. 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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Maryland	2,527.2	2,476.1	2,489.6	104.6	152.1	161.1	4.1	6.1	6.5
Baltimore	1,214.4	1,185.5	1,193.1	54.6	76.4	83.3	4.5	6.4	7.0
Massachusetts¹	3,174.2	3,076.1	3,102.7	182.9	277.8	306.8	5.8	9.0	9.9
Boston	1,573.6	1,507.9	1,524.6	73.6	112.6	125.5	4.7	7.5	8.2
Brockton	100.3	98.9	98.6	6.8	10.7	11.6	6.8	10.8	11.8
Fall River	78.0	77.3	78.3	8.1	11.3	12.2	10.4	14.6	15.6
Fitchburg-Leominster	47.5	44.8	45.2	3.6	5.4	6.0	7.6	12.0	13.2
Lawrence-Haverhill	186.4	183.4	185.7	13.3	18.8	20.0	7.2	10.3	10.8
Lowell	151.7	145.8	147.6	10.0	13.4	14.7	6.6	9.2	10.0
New Bedford	86.4	86.6	87.4	8.5	12.7	13.8	9.9	14.6	15.8
Pittsfield	41.5	41.4	41.9	2.6	4.4	5.0	6.2	10.7	12.0
Springfield	257.7	254.7	256.9	14.4	22.7	25.1	5.6	8.9	9.8
Worcester	222.2	212.4	213.0	13.2	20.1	22.3	5.9	9.4	10.4
Michigan¹	4,555.3	4,512.3	4,539.1	369.7	388.9	464.7	8.1	8.6	10.2
Ann Arbor	163.3	162.9	167.1	6.9	8.9	11.5	4.2	5.4	6.9
Battle Creek	64.9	63.5	64.8	5.7	4.8	6.4	8.9	7.6	9.9
Benton Harbor	77.6	76.2	77.1	6.3	5.9	7.5	8.2	7.8	9.7
Detroit	2,151.1	2,112.0	2,115.8	167.6	184.4	216.8	7.8	8.7	10.2
Flint	183.6	186.3	186.3	17.2	19.6	24.6	9.4	10.5	13.2
Grand Rapids	375.6	373.2	376.4	23.2	23.8	29.0	6.2	6.4	7.7
Jackson	65.2	64.4	65.0	5.5	5.9	7.2	8.4	9.2	11.1
Kalamazoo	119.9	118.5	119.3	6.4	5.9	7.1	5.4	5.0	5.9
Lansing-East Lansing	242.9	238.3	240.3	18.5	16.7	15.2	7.6	7.0	6.3
Muskegon	67.7	67.0	68.0	6.6	6.7	8.4	9.7	10.0	12.4
Saginaw-Bay City-Midland	183.1	185.2	187.2	14.8	13.8	18.5	8.1	7.5	9.9
Minnesota	2,354.4	2,421.2	2,394.8	123.9	130.6	156.9	5.3	5.4	6.6
Duluth	110.3	114.5	113.4	7.5	7.6	9.1	6.8	6.6	8.0
Minneapolis-St. Paul	1,386.7	1,409.6	1,392.5	58.0	61.7	76.2	4.2	4.4	5.5
Rochester	62.5	66.4	65.4	2.1	2.1	2.4	3.3	3.1	3.7
St. Cloud	101.9	104.5	104.1	6.7	7.0	8.3	6.6	6.7	8.0
Mississippi	1,174.2	1,178.8	1,200.1	91.0	105.6	106.9	7.8	9.0	8.9
Jackson	199.9	197.8	201.7	10.1	12.0	12.4	5.1	6.1	6.1
Missouri	2,609.5	2,645.1	2,665.8	160.0	184.3	188.8	6.1	7.0	7.1
Kansas City	841.8	857.1	866.2	42.8	53.4	54.4	5.1	6.2	6.3
St. Louis LMA	1,264.6	1,266.2	1,274.8	74.9	89.5	87.6	5.9	7.1	6.9
Springfield	128.6	131.8	132.0	5.8	7.0	6.8	4.5	5.3	5.2
Montana	404.8	398.0	400.2	23.7	29.4	30.2	5.9	4	7.5
Nebraska	825.9	838.8	852.2	22.2	22.6	24.1	2.7	7	2.8
Lincoln	129.8	130.6	133.7	2.5	2.7	3.1	1.9	2.0	2.3
Omaha	338.1	346.8	351.0	9.6	10.3	10.9	2.8	3.0	3.1
Nevada	612.1	641.2	650.2	30.4	39.7	39.4	5.0	6.2	6.1
Las Vegas	374.3	399.6	405.5	16.4	23.9	24.6	4.4	6.0	6.1
Reno	135.9	137.6	139.0	7.7	8.8	8.3	5.7	6.4	6.0
New Hampshire	618.2	640.5	629.2	31.3	47.1	43.6	5.1	7.4	6.9
Manchester	88.1	91.2	91.2	4.7	6.4	6.0	5.3	7.0	6.6
Nashua	99.8	101.2	102.7	5.2	7.0	6.2	5.2	7.0	6.0
Portsmouth-Dover-Rochester	135.8	140.9	145.6	5.2	8.8	8.0	3.8	6.2	5.5
New Jersey¹	4,038.2	3,990.0	3,962.0	200.4	285.2	268.4	5.0	7.1	6.8
Atlantic City	176.8	180.4	177.9	12.4	19.9	18.0	7.0	11.0	10.1
Bergen-Passaic	713.2	693.6	686.2	33.1	44.6	43.0	4.6	6.4	6.3
Jersey City	275.6	269.6	267.5	21.0	26.7	25.1	7.6	9.9	9.4
Middlesex-Somerset-Hunterdon	588.9	584.9	581.9	20.5	32.3	29.5	3.5	5.5	5.1
Monmouth-Ocean	481.2	478.0	472.9	23.3	35.7	32.8	4.8	7.5	6.9
Newark	959.4	942.0	938.2	49.7	67.9	63.7	5.2	7.2	6.8
Trenton	177.5	174.8	173.1	6.8	10.7	10.1	3.8	6.1	5.8
Vineland-Millville-Bridgeton	61.8	61.9	61.5	5.5	7.7	7.4	8.9	12.4	12.0
New Mexico	689.1	692.3	696.9	41.3	49.7	50.5	6.0	7.2	7.2
Albuquerque	261.0	260.8	262.6	11.5	14.4	14.5	4.4	5.5	5.5
Las Cruces	57.5	57.6	58.0	3.8	4.5	4.6	6.6	7.8	8.0
Santa Fe	68.1	69.5	68.9	2.2	2.9	2.5	3.2	4.2	3.7

See footnotes at end of table.

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

D-1. 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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
New York ¹	8,679.7	8,538.8	8,562.3	474.1	605.5	566.5	5.5	7.1	6.6
Albany-Schenectady-Troy	438.6	433.3	440.0	19.2	27.0	24.8	4.4	6.2	5.6
Binghamton	124.0	119.8	120.7	6.6	8.2	7.4	5.3	6.8	6.1
Buffalo	460.5	452.0	460.2	25.8	34.5	32.4	5.6	7.6	7.1
Elmira	44.2	42.6	42.3	2.5	3.2	2.9	5.6	7.5	6.9
Glens Falls	52.1	51.4	51.3	3.9	5.7	5.3	7.5	11.1	10.2
Nassau-Suffolk	1,396.0	1,343.9	1,361.6	53.2	77.0	69.8	3.8	5.7	5.1
New York	4,041.3	4,013.9	3,969.9	241.5	284.4	275.5	6.0	7.1	6.9
New York City ¹	3,376.0	3,367.0	3,315.0	219.0	249.0	243.0	6.5	7.4	7.3
Orange County	134.9	131.3	132.2	6.8	10.0	9.0	5.1	7.6	6.8
Poughkeepsie	128.6	126.1	127.2	4.0	6.9	6.3	3.1	5.5	5.0
Rochester	507.9	496.0	505.6	21.9	29.0	25.4	4.3	5.9	5.0
Syracuse	325.2	320.7	325.8	16.2	22.9	21.3	5.0	7.1	6.6
Utica-Rome	136.4	133.5	135.0	8.0	11.6	10.0	5.8	8.7	7.4
North Carolina ¹	3,371.4	3,343.8	3,409.6	132.2	202.0	195.4	3.9	6.0	5.7
Asheville	90.1	90.5	91.3	3.1	5.2	4.4	3.4	5.7	4.8
Charlotte-Gastonia-Rock Hill	637.7	637.7	648.5	19.8	30.8	31.1	3.1	4.8	4.8
Greensboro-Winston-Salem-High Point	522.2	513.0	521.6	18.7	26.1	25.5	3.6	5.1	4.9
Raleigh-Durham	417.5	410.9	419.9	9.4	15.6	13.2	2.2	3.8	3.1
North Dakota	319.1	312.2	314.9	15.9	14.0	14.6	5.0	4.5	4.6
Bismarck	46.3	46.3	46.6	2.4	2.2	2.1	5.1	4.8	4.5
Fargo-Moorhead	86.9	86.6	88.9	3.1	3.4	3.6	3.5	3.8	4.1
Grand Forks	35.5	34.7	35.3	1.3	1.1	1.2	3.7	3.2	3.3
Ohio ¹	5,343.6	5,357.1	5,341.4	345.9	389.1	409.2	6.5	7.3	7.7
Akron	326.7	326.0	328.1	20.0	21.6	23.3	6.1	6.6	7.1
Canton	190.5	190.8	190.3	14.0	14.1	15.2	7.3	7.4	8.0
Cincinnati	775.0	772.3	773.1	35.6	38.4	38.6	4.6	5.0	5.0
Cleveland	938.9	935.0	931.9	49.9	55.5	60.0	5.3	5.9	6.4
Columbus	726.2	728.4	727.1	37.3	37.0	38.0	5.1	5.1	5.2
Dayton-Springfield	473.2	468.2	467.7	28.4	29.6	31.4	6.0	6.3	6.7
Toledo	310.3	310.7	309.6	23.0	31.7	33.4	7.4	10.2	10.8
Youngstown-Warren	219.8	217.4	217.8	17.4	19.6	19.9	7.9	9.0	9.1
Oklahoma	1,523.9	1,531.0	1,512.9	102.2	110.6	108.2	6.7	7.2	7.2
Enid	27.3	27.0	26.9	1.6	1.6	1.7	5.9	5.8	6.3
Lawton	48.1	47.6	47.4	3.1	3.1	3.2	6.4	6.5	6.8
Oklahoma City	495.2	492.4	484.1	26.6	36.6	28.1	5.4	7.4	5.8
Tulsa	342.7	341.5	338.6	23.5	21.4	23.9	6.9	6.3	7.1
Oregon	1,451.5	1,463.5	1,476.0	90.8	99.8	98.8	6.3	6.8	6.7
Eugene-Springfield	147.7	146.8	147.8	10.0	10.9	10.7	6.8	7.4	7.2
Medford	71.6	70.8	71.5	5.2	6.6	6.7	7.3	9.4	9.3
Portland	669.2	680.8	687.8	29.6	32.4	32.2	4.4	4.8	4.7
Salem	133.6	134.5	136.3	8.8	9.3	8.7	6.5	6.9	6.4
Pennsylvania ¹	5,883.4	5,830.9	5,875.5	373.2	415.1	443.4	6.3	7.1	7.5
Allentown-Bethlehem	333.8	334.2	336.4	21.8	23.9	25.0	6.5	7.2	7.4
Altoona	60.9	61.4	61.5	4.9	6.0	6.3	8.1	9.8	10.3
Beaver County	60.4	59.5	60.5	5.9	6.0	6.9	9.8	10.2	11.4
Erie	134.2	135.0	135.1	9.6	9.3	10.3	7.2	6.9	7.7
Harrisburg-Lebanon-Carlisle	330.6	328.9	327.8	16.9	18.9	19.2	5.1	5.7	5.9
Johnstown	97.9	98.4	98.2	9.3	10.1	10.4	9.5	10.3	10.6
Lancaster	226.3	221.3	222.9	10.8	14.3	12.4	4.8	6.5	5.6
Philadelphia	2,436.1	2,420.2	2,437.6	119.4	147.4	159.3	4.9	6.1	6.5
Pittsburgh	985.1	979.7	990.1	59.9	61.5	67.8	6.1	6.3	6.9
Reading	176.8	173.3	173.7	10.6	12.6	13.6	6.0	7.3	7.8
Scranton-Wilkes-Barre	368.4	364.1	364.7	30.7	32.3	34.1	8.3	8.9	9.3
Sharon	51.5	51.6	51.9	3.2	3.7	4.0	6.2	7.2	7.7
State College	67.4	63.9	68.0	4.1	4.2	4.6	6.1	6.6	6.7
Williamsport	60.6	59.5	59.7	5.3	5.3	5.9	8.8	8.9	9.9
York	223.1	222.0	223.9	11.6	15.2	14.1	5.2	6.8	6.3
Rhode Island	512.5	517.2	519.6	37.2	43.6	45.5	7.3	8.4	8.8
Pawtucket-Woonsocket-Attleboro	167.3	163.7	164.2	13.2	15.7	16.2	7.9	9.6	9.9
Providence	337.1	342.8	344.5	23.0	27.1	28.8	6.8	7.9	8.4
South Carolina	1,684.3	1,707.8	1,711.3	83.5	101.5	118.6	5.0	5.9	6.9
Charleston	229.0	236.8	236.9	7.8	10.2	11.1	3.4	4.3	4.7
Columbia	237.4	241.4	240.1	7.8	9.8	11.0	3.3	4.0	4.6
Greenville-Spartanburg	336.2	337.7	338.2	14.0	16.2	18.8	4.2	4.8	5.6
South Dakota	353.9	350.0	357.5	14.4	14.1	14.0	4.1	4.0	3.9
Rapid City	39.4	39.3	39.7	1.7	1.7	1.6	4.4	4.4	4.0
Sioux Falls	75.9	75.0	76.4	2.4	2.5	2.4	3.2	3.3	3.1

See footnotes at end of table.

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

D-1. 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. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P	Feb. 1990	Jan. 1991	Feb. 1991 ^P
Tennessee	2,380.7	2,375.2	2,382.5	126.3	164.5	161.4	5.3	6.9	6.8
Chattanooga	210.2	210.6	212.6	10.0	12.8	14.1	4.8	6.1	6.6
Johnson City-Kingsport-Bristol	218.7	218.8	218.5	10.6	12.5	13.2	4.9	5.7	6.0
Knoxville	284.7	279.8	281.9	16.7	18.4	18.9	5.9	6.6	6.7
Memphis	469.0	470.0	470.9	20.7	26.1	24.4	4.4	5.6	5.2
Nashville	528.1	527.8	531.7	20.0	25.4	26.2	3.8	4.8	4.9
Texas ¹	8,375.4	8,421.8	8,444.4	587.5	582.9	523.0	7.0	6.9	6.2
Abilene	51.1	50.5	50.3	3.3	3.2	2.6	6.5	6.4	5.1
Amarillo	94.6	94.5	94.9	5.6	5.3	4.5	6.0	5.6	4.8
Austin	428.5	435.5	437.7	20.6	20.9	18.6	4.8	4.8	4.2
Beaumont-Port Arthur	161.6	166.9	167.7	13.3	12.3	10.6	8.3	7.4	6.3
Brazoria	86.1	86.4	87.7	5.4	5.1	4.5	6.3	5.9	5.1
Brownsville-Harlingen	105.2	106.6	106.7	14.2	15.0	13.2	13.5	14.1	12.4
Bryan-College Station	62.2	59.8	62.4	2.5	2.5	2.2	4.0	4.2	3.5
Corpus Christi	159.1	165.2	165.6	11.8	13.2	11.7	7.4	8.0	7.0
Dallas	1,425.2	1,430.1	1,434.2	76.9	82.7	75.7	5.4	5.8	5.3
El Paso	252.4	252.2	251.9	30.7	30.2	26.3	12.1	12.0	10.4
Fort Worth-Arlington	731.7	731.4	733.7	43.5	43.3	43.4	5.9	5.9	5.9
Galveston-Texas City	107.5	107.3	107.5	8.4	8.5	7.3	7.8	7.9	6.8
Houston	1,682.3	1,724.3	1,729.7	93.0	96.5	85.5	5.5	5.6	4.9
Killeen-Temple	96.5	94.9	94.9	7.4	7.4	6.6	7.7	7.8	6.9
Laredo	54.1	54.1	53.6	7.6	7.0	6.0	14.1	12.9	11.2
Longview-Marshall	79.0	78.4	78.3	5.9	6.8	6.1	7.5	8.7	7.7
Lubbock	113.2	113.9	115.0	5.4	6.0	5.3	4.8	5.3	4.6
McAllen-Edinburg-Mission	178.9	168.9	164.1	47.5	37.6	32.1	26.6	22.2	19.5
Midland	47.6	47.3	47.8	3.1	2.5	2.3	6.5	5.3	4.8
Odessa	51.5	51.2	51.5	3.8	3.0	2.7	7.3	5.8	5.3
San Angelo	43.8	43.0	43.2	2.6	2.4	2.0	6.0	5.5	4.6
San Antonio	605.9	598.4	599.8	43.6	43.8	38.5	7.2	7.3	6.4
Sherman-Denison	47.0	47.2	47.2	2.8	3.1	2.9	5.9	6.6	6.1
Texarkana	57.8	56.6	56.5	3.8	4.2	3.8	6.6	7.3	6.7
Tyler	73.7	74.0	73.8	4.8	5.3	4.7	6.6	7.2	6.3
Victoria	35.1	36.0	36.2	2.1	2.0	1.8	6.0	5.6	4.9
Waco	91.3	92.0	92.7	5.3	5.7	5.5	5.8	6.2	5.9
Wichita Falls	55.2	55.0	55.1	3.4	4.1	3.6	6.2	7.5	6.5
Utah	773.8	788.6	794.7	36.0	36.5	37.8	4.7	4.6	4.8
Provo-Orem	114.0	114.3	117.2	4.8	4.6	5.0	4.2	4.0	4.3
Salt Lake City-Ogden	499.9	512.5	515.5	21.3	21.9	22.6	4.3	4.3	4.4
Vermont	310.8	309.3	307.0	14.0	24.6	24.2	4.5	8.0	7.9
Burlington	79.0	77.4	76.9	2.3	4.1	4.0	2.9	5.3	5.2
Virginia	3,139.2	3,223.6	3,223.5	134.8	189.6	209.6	4.3	5.9	6.5
Charlottesville	71.7	72.4	74.0	2.4	3.0	3.6	3.4	4.2	4.8
Danville	53.3	53.3	53.9	4.1	5.4	6.3	7.7	10.2	11.8
Lynchburg	75.0	75.5	74.8	4.0	4.3	3.7	5.3	5.6	4.9
Norfolk-Virginia Beach-Newport News	606.6	623.6	622.1	26.8	38.7	41.8	4.4	6.2	6.7
Richmond-Petersburg	453.5	467.2	467.6	17.2	22.9	25.7	3.8	4.9	5.5
Roanoke	122.6	125.8	125.7	4.8	4.9	6.2	3.9	3.9	4.9
Washington	2,513.9	2,488.2	2,497.5	151.3	174.3	168.3	6.0	7.0	6.7
Seattle	1,143.7	1,121.7	1,130.6	44.7	53.0	53.8	3.9	4.7	4.8
West Virginia	761.9	772.2	770.3	65.2	81.9	80.6	8.6	10.6	10.5
Charleston	118.5	119.3	118.4	7.7	9.6	9.2	6.5	8.1	7.8
Huntington-Ashland	131.7	130.8	132.4	11.3	11.7	12.4	8.6	9.0	9.3
Parkersburg-Marietta	72.5	72.3	73.0	5.3	6.0	6.8	7.3	8.4	9.3
Wheeling	71.6	71.5	70.9	5.2	6.1	6.5	7.2	8.5	9.1
Wisconsin	2,539.2	2,567.5	2,534.6	130.3	138.4	159.2	5.1	5.4	6.3
Appleton-Oshkosh-Neenah	170.2	172.9	170.5	8.3	8.4	9.5	4.9	4.8	5.6
Eau Claire	71.2	69.6	70.0	3.9	4.2	4.4	5.5	6.0	6.3
Green Bay	108.8	111.4	110.0	4.9	5.2	5.6	4.5	4.7	5.1
Janesville-Beloit	73.2	73.4	73.0	3.8	7.1	8.4	5.2	9.7	11.6
Kenosha	52.4	54.6	52.8	4.1	3.9	4.3	7.9	7.2	8.2
La Crosse	52.9	51.6	52.1	2.5	2.2	2.6	4.8	4.3	5.0
Madison	222.1	224.1	223.1	6.4	6.9	7.7	2.9	3.1	3.4
Milwaukee	755.4	755.1	745.6	29.3	31.0	36.5	3.9	4.1	4.9
Racine	89.4	90.1	88.9	5.0	5.9	5.9	5.6	6.5	6.7
Sheboygan	57.5	58.2	57.2	3.0	3.2	3.6	5.2	5.5	6.3
Wausau	63.5	64.2	63.0	3.6	3.6	4.2	5.6	5.7	6.7
Wyoming	242.2	240.1	241.6	15.4	18.4	16.1	6.4	7.7	6.7
Casper	32.3	31.7	32.3	2.2	2.6	2.4	6.8	8.2	7.6

¹ Data are obtained directly from the Current Population Survey. See the Explanatory Notes for State and Area Labor Force Data.

^P = preliminary.

NOTE: Data refer to place of residence. Estimates for 1990 have been benchmarked to 1990 Current Population Survey annual averages. Except in the

11 States and 2 areas designated by footnote 1, estimates for 1991 are provisional and will be revised when new benchmark 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 a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, 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. The information is collected by trained interviewers 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 establishment 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 340,000 establishments employing over 40 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, sources 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 are as follows.

Employment

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

Multiple jobholding. The household survey provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once 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 THE 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 THE 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 whereas these are included in the BLS establishment statistics.

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 the 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 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 of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 16 years of age are not covered in the regular monthly enumerations, and 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 categories "noninstitutional population," "labor force," and "total employment," are obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,600 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey 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 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. Members of the Armed Forces stationed in the United States are also included in the employed total.

Each employed person is counted only once. Those who held more than one job 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 the house (painting, repairing, or own home 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. Measurements of mean and median duration are computed from a distribution of single 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) *New entrants* 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 utilizing 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 *labor force* also includes members of the Armed Forces stationed in the United States.

The *overall unemployment rate* represents the number unemployed as a percent of the labor force, including members of the Armed Forces stationed in the United States.

The *unemployment rate for all civilian workers* 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 *labor force participation rate* is the ratio of the labor force, including the resident Armed Forces, to the noninstitutional population. 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 noninstitutional population that is employed. The *total employment-population ratio* is total employment, including the resident Armed Forces, as a percent of the noninstitutional population. 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 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, and 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 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 3 previous 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 1980 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 government 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—report that 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 non-institutional 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, interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months. Data refer to wage and salary workers (excluding 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 is either self-employed or in the Armed Forces.

Poverty areas are defined as those census tracts in tracted areas, and Minor Civil Division's (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 nonpoor 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. These definitions differ from those used in the 1980 decennial census. 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 urbanized 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 constitutes 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 have been 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: (1) 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. (2) Beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force. Four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected. (3) 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. (4) Beginning in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; and unemployment levels and rates were essentially unchanged. (5) 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.

In addition, beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an inflation-deflation approach. This change in the derivation of the estimates had its greatest impact on estimates of 20- to 24-year old men—particularly those of the black-and-other population—but had little effect on estimates of the total population 16 years and over. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation", in the February 1974 issue of *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.

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

Beginning 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 characteristics 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 adjustment procedure used is also described in the February 1982 article cited above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Beginning 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.

Beginning 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 civilian population and labor force estimates were raised by about 425,000 and 305,000, respectively, and civilian employment by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the magnitude of the adjustments for Hispanics, data have been revised back to January 1980 to the extent possible. An explanation of the changes and their effect on estimates of labor force characteristics appears in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of this publication.

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

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*.

Beginning in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPS. These systems differ from those developed for the 1970 census, which were used in the CPS from January 1971 through December 1982.

The 1980 census occupational classification system evolved from the Standard Occupational Classification system (SOC). While the CPS occupational data are now comparable with other data sources, the new system is so radically different in concepts and nomenclature from the 1970 system that comparisons of historical data are not possible without major adjustments. For example, the 1980 major group "sales occupations" is substantially larger than the 1970 category "sales workers." Major additions include "cashiers" from "clerical workers" and some self-employed proprietors in retail trade establishments from "managers and administrators, except farm."

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

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

Changes in the sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, the number of sample areas and the number of sample persons are increased occasionally. In 1953, the current rotation plan was introduced, in which a sample unit is interviewed for 4 months, leaves the sample for 8 months, and then returns to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia

and designed to provide more reliable annual average estimates for States, was incorporated into the design. In October 1978, a coverage improvement sample, composed of approximately 450 sample household units which represented 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates in order to provide coverage of mobile homes and new construction units that previously had no chance for selection in the CPS sample selected from the 1970 census frame. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. Beginning 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.

Beginning in 1985, a new State-based CPS sample was selected based on 1980 census information, providing an opportunity to improve the efficiency of the sample design and increase the reliability for State estimates. Sample households are chosen from 729 sample areas, which represent 1,973 geographic areas in the United States. This current number of sample areas is not completely comparable to the old number of sample areas since many of the sample areas have been redefined. (See pp. 7-10 of the May 1984 issue of *Employment and Earnings*, for an overview of these new definitions and the introduction of the new sample.) A sample reduction of about 4,000 households was implemented in April 1988; they were reinstated during the 8-month period, April-November 1989.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. 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.

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. Beginning in 1985, almost all sample persons within the same State have the same probability of selection. These estimates are then adjusted for noninterviews, and the ratio 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

Table A. Characteristics of the CPS sample, 1947 to date

Time period	Number of sample areas	Households eligible		Households visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959	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.

obtained because of absence, impassable roads, refusals, or unavailability of the respondents for other reasons. This noninterview adjustment is made separately by combinations of similar sample areas that are not necessarily contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each combination of sample areas there is a further breakdown by residence. MSA sample areas are categorized by "central city" and "balance of the MSA." Residence categories of non-MSA areas are "urban" and "rural." 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. Since 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 was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The adjustment is made at the State level for each of the 43 States which contains nonsample areas by race cells of black and non-black. 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 areas and the known race distribution of the State.

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 is performed to further reduce variability of the estimates and to correct 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 an independent control for the population 16 years and over. The second step involves an adjustment by Hispanic origin to a national estimate for eight age-sex categories by Hispanic and non-Hispanic. In the third step, a national adjustment is made by the race categories of white, black, and other races to independent estimates by age and sex. The white and black categories contain 38 and 24 age-sex groups respectively; the other races category has 4 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. This second-stage adjustment procedure incorporates changes instituted in January 1985 and August 1989. The nature and effect of the 1985 changes are discussed in detail in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985" in the February 1985 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population 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.

Prior to January 1985, there was no separate control for Hispanics in the second-stage ratio procedure. 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.

During the period from January 1982 to December 1984, the "inflation-deflation" method was temporarily discontinued 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. These controls were prepared by carrying forward the 1980 census data after taking account of subsequent aging of the population, births, deaths, and net migration and then subtracting the estimate for the institutional population and Armed Forces. Beginning in January 1985, the "inflation-deflation" method of deriving independent population controls 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, aging this population forward to each subsequent month and later age by adding births and net migration, and subtracting deaths. These post-censal population estimates are then deflated to census level 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 since 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 post-censal 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.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent), as well as the sample results for the current month. Also included is an additional term which is an estimate of the net difference between incoming and continuing parts of the current month's sample. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of level are also improved, but to a lesser extent.

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. Estimates of monthly levels would be more severely affected by the nonsampling error.

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

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in "The Effects of Rotation Group Bias on Estimates From Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. 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. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated

standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the same sample design, and an estimate and its estimated error were calculated from 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 average result of all possible samples.

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 average of all possible samples.

3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations are required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors are computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the table may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of

lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E, the standard error on a month-to-month change of 400,000, when the monthly level is approximately 12,000,000, is about 129,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates. Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentage can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base.

The generalized standard error is then calculated by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. Assume that in a given month 2.9 percent of a total of 112,440,000 employed persons are employed in agriculture. The standard error on an estimate of 2.9 percent with a base of 112,440,000 is obtained from table H (0.08 percent). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 2.9 percent is then approximately $0.08 \times 1.26 = 0.10$ percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. The approximate standard errors of levels, rates, and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or

Table D. Standard errors for estimates of monthly level

(in thousands)

Estimated monthly level	Characteristic ¹								
	Agricultural employment	Unemployment		Labor force data other than agricultural employment and unemployment					
		Total or white	Black	Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years	Total or white men only, or women only	Black men only, or women only
50	15	11	12	12	12	12	12	11	10
100	21	16	17	17	17	17	16	15	14
500	47	36	38	37	37	36	32	34	31
1,000	66	51	53	52	51	50	35	49	43
2,000	93	72	73	74	70	68	-	68	58
4,000	131	101	97	104	92	86	-	95	73
6,000	159	123	110	126	104	92	-	115	76
8,000	182	141	116	145	109	88	-	132	69
10,000	202	156	-	161	108	72	-	145	47
15,000	-	188	-	193	74	-	-	172	-
20,000	-	213	-	219	-	-	-	191	-
30,000	-	-	-	259	-	-	-	215	-
40,000	-	-	-	286	-	-	-	225	-
50,000	-	-	-	306	-	-	-	222	-
60,000	-	-	-	319	-	-	-	206	-
70,000	-	-	-	326	-	-	-	172	-
80,000	-	-	-	327	-	-	-	107	-
100,000	-	-	-	314	-	-	-	-	-
120,000	-	-	-	274	-	-	-	-	-
140,000	-	-	-	195	-	-	-	-	-

¹ When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error

of the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(in thousands)

Estimated monthly level	Characteristic ¹							
	Unemployment				Labor force data other than unemployment and agricultural employment			
	Total or white	Both sexes 16 to 19 years, or part-time labor force ²	Black	Black, 16 to 19 years	Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years
50	13	14	13	14	9	9	14	14
100	18	20	19	20	12	12	20	19
500	40	45	41	38	27	27	43	37
1,000	56	63	57	41	39	38	59	39
2,000	78	89	76	-	55	52	80	-
4,000	108	124	95	-	77	68	100	-
6,000	129	150	99	-	93	78	104	-
8,000	144	-	89	-	107	82	94	-
10,000	157	-	58	-	119	81	65	-
15,000	177	-	-	-	143	59	-	-
20,000	184	-	-	-	163	-	-	-
30,000	-	-	-	-	192	-	-	-
40,000	-	-	-	-	213	-	-	-
50,000	-	-	-	-	228	-	-	-
60,000	-	-	-	-	238	-	-	-
70,000	-	-	-	-	244	-	-	-
80,000	-	-	-	-	245	-	-	-
100,000	-	-	-	-	237	-	-	-
120,000	-	-	-	-	212	-	-	-
140,000	-	-	-	-	160	-	-	-

¹ See footnote 1, table D.

² Part-time labor force for unemployment also includes persons reentering

the labor force, persons who left their last job, and persons by duration of unemployment.

percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate, or percentage, find the standard error of this estimate. For an estimate of change in level, rate, or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. Suppose that one is interested in the year-to-year change of a monthly unemployment rate. Assume that for a certain month the unemployment rate is 6.2 percent, based on a total of 119,865,000 in the civilian labor force, and that a year prior to this the unemployment rate was 7.0 percent, based on a total of 117,834,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.6 percent with a base of 118,850,000, is obtained from table F (0.11 percentage point). The appropriate factor, then, from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11 x 1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

Standard error of year-to-year change =

$$\sqrt{\left(\frac{\text{Standard error}}{X}\right)^2 + \left(\frac{\text{Standard error}}{Y}\right)^2 - 2(P)\left(\frac{\text{Standard error}}{X}\right)\left(\frac{\text{Standard error}}{Y}\right)}$$

X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are 0.30 for persons (total, white, and black) and 0.35 for families (total, white, and black). The respective values for estimates of Hispanics are 0.45 and 0.55.

Illustration. Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later, their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000 year-to-year change is:

$$\sqrt{(216,000)^2 + (221,000)^2 - 2(0.30)(216,000)(221,000)}$$

or about 259,000.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.28	3.20	4.98	6.85	8.13	9.09	9.82	10.36	10.75	11.12
100	1.61	2.26	3.52	4.84	5.75	6.43	6.94	7.33	7.60	7.87
500	.72	1.01	1.58	2.16	2.57	2.88	3.11	3.28	3.40	3.52
1,000	.51	.72	1.11	1.53	1.82	2.03	2.20	2.32	2.40	2.49
2,000	.36	.51	.79	1.08	1.29	1.44	1.55	1.64	1.70	1.76
4,000	.25	.36	.56	.77	.91	1.02	1.10	1.16	1.20	1.24
6,000	.21	.29	.45	.62	.74	.83	.90	.95	.98	1.02
10,000	.16	.23	.35	.48	.58	.64	.69	.73	.76	.79
20,000	.11	.16	.25	.34	.41	.45	.49	.52	.54	.56
60,000	.07	.09	.14	.20	.24	.26	.28	.30	.31	.32
100,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
120,000	.05	.07	.10	.14	.17	.19	.20	.21	.22	.23
140,000	.04	.06	.09	.13	.15	.17	.19	.20	.21	.21

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.53	3.57	5.60	7.83	9.47	10.79	11.91	12.87	13.71	15.67
100	1.79	2.52	3.96	5.53	6.69	7.63	8.42	9.10	9.69	11.08
500	.80	1.13	1.77	2.47	2.99	3.41	3.76	4.06	4.33	4.94
1,000	.57	.80	1.25	1.75	2.11	2.41	2.65	2.87	3.05	3.48
2,000	.40	.56	.88	1.23	1.49	1.70	1.87	2.02	2.15	2.44
4,000	.28	.40	.63	.87	1.05	1.20	1.32	1.42	1.51	1.70
6,000	.23	.33	.51	.71	.86	.97	1.07	1.15	1.22	1.37
10,000	.18	.25	.39	.55	.66	.75	.82	.88	.93	1.03
20,000	.13	.18	.28	.38	.46	.51	.56	.60	.62	-
60,000	.07	.10	.16	.21	.24	.27	.28	-	-	-
100,000	.06	.08	.12	.15	.17	.18	-	-	-	-
120,000	.05	.07	.11	.14	.15	-	-	-	-	-
140,000	.05	.07	.10	-	-	-	-	-	-	-

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.34	3.29	5.12	7.05	8.39	9.40	10.18	10.77	11.21	11.75
100	1.65	2.33	3.62	4.99	5.94	6.65	7.20	7.62	7.93	8.31
500	.74	1.04	1.62	2.23	2.65	2.97	3.22	3.41	3.55	3.72
1,000	.52	.74	1.15	1.58	1.88	2.10	2.28	2.41	2.51	2.63
2,000	.37	.52	.81	1.12	1.33	1.49	1.61	1.70	1.77	1.86
4,000	.26	.37	.57	.79	.94	1.05	1.14	1.20	1.25	1.31
6,000	.21	.30	.47	.64	.77	.86	.93	.98	1.02	1.07
10,000	.17	.23	.36	.50	.59	.66	.72	.76	.79	.83
20,000	.12	.16	.26	.35	.42	.47	.51	.54	.56	.59
40,000	.08	.12	.18	.25	.30	.33	.36	.38	.40	.42
60,000	.07	.10	.15	.20	.24	.27	.29	.31	.32	.34
80,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
100,000	.05	.07	.11	.16	.19	.21	.23	.24	.25	.26
120,000	.05	.07	.10	.14	.17	.19	.21	.22	.23	.24
140,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22
160,000	.04	.06	.09	.12	.15	.17	.18	.19	.20	.21

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50	All other unemployment characteristics:		
Labor force data other than agricultural employment and unemployment:			Total or white:		
Total	1.00	.74	Total .....	.97	1.08
Men only .....	.93	.84	Both sexes, 16 to 19 years .....	.97	1.21
Women only .....	.86	.75	Black:		
Both sexes, 16 to 19 years	1.00	1.18	Total	1.04	1.13
Part-time labor force	1.00	1.18	Both sexes, 16 to 19 years	1.04	1.24

Table J. Factors to be used with tables D, F, H, and I 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	0.89	0.80	0.72	0.70
Women or teenagers (16 to 19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment and unemployment:					
Total or white	1.30	.88	.88	.67	.70
Black or teenagers (16 to 19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly levels, to be used with CPS earnings data

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Men				Women	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	64	127	88
10,000	149	165	102	144	157	155	-	145	-
15,000	180	198	102	187	183	179	-	173	-
20,000	205	224	-	192	199	193	-	195	-
25,000	226	244	-	207	209	199	-	211	-
30,000	224	261	-	219	212	198	-	224	-
40,000	273	286	-	233	201	174	-	242	-
50,000	296	301	-	-	160	100	-	249	-
75,000	331	304	-	-	160	-	-	-	-
100,000	343	255	-	-	-	-	-	-	-

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*, and their supplements.

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 the 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 the respondent each month so that the next month's data can be entered on the space allotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonfarm establishments and, for most industries, employment, payroll, and hours of production and related workers or non-supervisory workers for the pay period which includes the 12th of the month.

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 (SIC) Manual*, Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

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 of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

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

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

Indexes of diffusion of employment change (table B-7). These indexes measure the dispersion among industries of the change in employment over the specified time span. Beginning with August 1990 data, the overall indexes are calculated from 356 seasonally adjusted employment series (three-digit industries) covering all nonfarm payroll employment in the private sector. The manufacturing diffusion indexes are based on 139 three-digit industries.

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

The reference point for diffusion analysis is 50 percent, the value which indicates that the same number of component

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

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

Industry hours and earnings

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

Production and related workers 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, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operations.

Construction workers 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 of the month. The payroll is reported before deductions of

any kind, e.g., for old-age and unemployment insurance, Group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacation, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "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 were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which included the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

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

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

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

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 component

industry where little or no overtime was worked in both the previous and current months.

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

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

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

For each sample establishment in SIC 3721 and SIC 3761 covered by a lump-sum agreement, the reported payroll data are adjusted to include a prorated portion of the lump-sum payment. Such payments are generally made once a year and cover the following 12-month period. In order to spread the payment across this time period, a prorated portion of the payment is added to the payroll each month. This prorated portion is adjusted by an exit rate to reduce the lump-sum amount to account for persons who received the payment but left before the payment allocation period expired.

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

Railroad hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on

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

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

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

Real earnings, 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 principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current-month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and non-production workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, bias correction factors are applied to most employment estimates each month. The size of the bias correction factors is determined from past benchmark comparisons. Beginning with data for April 1983, these factors are modified by changes in the

sample link relatives for the most recent quarter. Other features of the general procedures are described in table L.

a size stratum, a region stratum, or a size stratum of a region within an industry.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or non-supervisory worker data are used to weight the hours and earnings for aggregation into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or

Benchmark adjustments

Employment estimates are compared periodically with benchmarks (comprehensive counts of employment) for the various nonfarm industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1989 levels. Benchmark adjustments are made annually.

The primary sources of benchmark information are

Table L. 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.

agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonfarm payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1988 benchmark adjustment is shown in table M.

Normally, data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the establishment survey is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a larger percent of total employment is

Table M. Comparison of nonfarm employment benchmarks and estimates for March 1989

(In thousands)

Industry	Benchmark	1987 SIC-based estimate	Difference	
			Level	Percent
Total	107,026	107,073	-47	(¹)
Mining	678	703	-25	-3.7
Construction	4,741	4,813	-72	-1.5
Manufacturing	19,396	19,585	-189	-1.0
Transportation and public utilities	5,549	5,646	-97	-1.7
Wholesale trade	6,195	6,145	50	.8
Retail trade	19,115	19,023	92	.5
Finance, insurance, and real estate	6,639	6,714	-75	-1.1
Services	26,702	26,479	223	.8
Government	18,011	17,965	46	.3

¹ Less than 0.05 percent.

included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS establishment survey program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat late date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the latest benchmarks and the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a link relative technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may accumulate over several months. To remove this accumulated error, the estimates are adjusted annually to new benchmarks. In addition to taking account of sampling and

Table N. Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 1989

Industry	Benchmarks (thousands)	Sample coverage ¹		
		Number of establishments	Employees	
			Number (thousands)	Percent of benchmarks
Total	107,026	282,003	39,158	37
Mining	678	3,352	261	38
Construction	4,741	27,194	948	20
Manufacturing	19,396	51,253	9,377	48
Transportation and public utilities	5,549	214,673	22,149	39
Wholesale trade	6,195	25,311	1,120	18
Retail trade	19,115	55,477	4,136	22
Finance, insurance, and real estate	6,639	21,001	2,139	32
Services	26,702	63,877	6,184	23
Government:				
Federal	2,976	(³)	2,976	100
State	4,257	4,437	3,207	75
Local	10,778	15,428	6,661	62

¹ Counts reflect reports used in final estimates. Since not all establishments report payroll and hours information, hours and earnings estimates are based on a smaller sample than employment estimates.

² The Interstate Commerce Commission provides a complete count of employment for Class I railroads. A small sample is used to estimate hours and earnings data.

³ Total Federal employment counts by agency for use in national estimates are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 5,000 reports covering about 56 percent of employment in Federal establishments.

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry

(In percent)

Industry	Average benchmark revision in employment estimates ¹	Relative error ²	
		Average weekly hours	Average hourly earnings
Total	0.2	-	-
Total private .....	.2	0.1	0.2
Mining	2.6	1.0	1.3
Construction	1.4	.2	.5
Manufacturing .....	.8	.1	.2
Durable goods .....	.6	.1	.3
Nondurable goods .....	.9	.1	.2
Transportation and public utilities .....	.7	.7	.6
Wholesale trade	1.1	.2	.4
Retail trade .....	.5	.2	.4
Finance, insurance, and real estate .....	.5	.2	.4
Services .....	.4	.4	.6
Government ³ .....	.4	-	-

¹ The average percent revision in employment for the 1985-89 benchmarks.

² Relative errors relate to 1982 data.

³ Data for government are based on a total count for Federal Government provided by the Office of Personnel Management and a sample of State and local government reports.

response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes

in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the five most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells 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 O and for individual industries with the specified number of employees in table P. 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.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

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

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. 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 (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of

Table P. 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.

the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. 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.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Defini-

tions 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.

Table Q. Errors of preliminary employment estimates

Industry	Root-mean-square error of—		Industry	Root-mean-square error of—	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Total	76,100	75,200	Nondurable goods—Continued		
Total private	59,700	57,100	Printing and publishing	2,100	2,000
Goods-producing industries	21,700	21,100	Chemicals and allied products ..	2,600	2,800
Mining	3,700	3,400	Petroleum and coal products ...	1,200	1,200
Oil and gas extraction	3,100	2,800	Rubber and misc. plastics		
Construction	13,800	14,600	products	1,600	1,600
General building contractors ..	5,200	5,400	Leather and leather products ..	1,400	1,300
Manufacturing	16,700	17,700	Service-producing industries	71,200	69,300
Durable goods	12,600	11,600	Transportation and public utilities ...	14,500	12,900
Lumber and wood products	2,100	1,900	Transportation	12,600	10,500
Furniture and fixtures	1,600	1,600	Communications and public utilities ..	5,500	4,900
Stone, clay, and glass products ..	1,500	1,500	Wholesale trade	7,800	7,100
Primary metal industries	4,000	3,800	Durable goods	5,600	4,900
Blast furnaces and basic			Nondurable goods	4,900	4,300
steel products	3,000	2,700	Retail trade	35,200	30,800
Fabricated metal products	2,200	2,100	General merchandise stores	22,300	19,800
Industrial machinery			Food stores	7,000	6,100
and equipment	5,600	6,600	Automotive dealers and		
Electronic and other			service stations	4,000	4,900
electrical equipment	4,200	4,100	Eating and drinking places	8,800	7,700
Transportation equipment	7,200	6,700	Finance, insurance, and real estate ..	8,000	6,700
Motor vehicles and equipment ..	6,000	6,100	Finance	4,000	3,500
Instruments and related products	2,000	2,100	Insurance	3,600	3,000
Miscellaneous manufacturing	1,800	1,600	Real estate	4,300	3,800
Nondurable goods	8,300	8,200	Services	31,000	32,100
Food and kindred products	5,200	4,900	Business services	11,000	10,400
Tobacco products	1,400	1,300	Health services	8,500	7,800
Textile mill products	1,800	1,600	Government	51,900	45,800
Apparel and other textile			Federal	16,100	11,600
products	4,300	4,000	State	20,800	16,900
Paper and allied products	1,500	1,400	Local	35,600	36,200

NOTE: Data are based on differences from December 1984 through December 1989.

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 nonagricultural 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 work site.

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 consump-

tion 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 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 (202-523-9261).

State and Area Labor Force Data (D table)

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 are derived 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 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, then, 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 nonfarm 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 reflected in the models. For some States, the models include variables which reflect 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, as 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 estimates, to which are added estimates for employment not represented in the CES—agriculture, 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, since 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.

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 rate for the first 6 months of the following year, and a description of the current seasonal adjustment procedure are published in each January issue of *Employment and Earnings*. 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.

Since the early 1980's, the BLS has also used the X-11 ARIMA procedure to seasonally adjust establishment-based employment, hours, and earnings data. The X-11 ARIMA program has been run once each year after benchmarking and seasonal adjustment factors have been projected and published for 12 months ahead (April–March). Beginning in June 1989, with the introduction of the March 1988 benchmarks, the Bureau introduced a modification to 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. Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then 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, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and

multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1982 annual average base. For total private, total goods-producing, total private service-producing, and major industry divisions, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1982 annual average base.

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

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

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

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

Revised seasonally adjusted establishment-based series based on the experience through May 1990, new seasonal adjustment factors for August 1990–April 1991, and a description of the current seasonal adjustment procedure appear in the September 1990 issue of *Employment and Earnings*.

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

Regional Office		Cooperating State Agencies Current Employment Statistics (CES) and State and Local Area Unemployment Statistics (LAUS) Programs	
		BLS Region	BLS Region
REGION I—BOSTON 1 Congress Street 10th Floor Boston, MA 02114 Phone: (617) 565-2327	IV ALABAMA Department of Industrial Relations, Room 427, Industrial Relations Bldg., Montgomery 36130	VIII MONTANA Department of Labor and Industry, P.O. Box 1728, Helena 59624	VII NEBRASKA Department of Labor, P.O. Box 94600, Lincoln 68509-4600
REGION II—NEW YORK Room 808 201 Varick Street New York, NY 10014 Phone: (212) 337-2400	X ALASKA Department of Labor, Research and Analysis Section, 1111 West 8th St., Juneau 99802-5501	IX NEVADA Employment Security Department, 500 East 3rd St., Carson City 89713	I NEW HAMPSHIRE Department of Employment Security, 32 South Main St., Concord 03301
REGION III—PHILADELPHIA 3535 Market Street P.O. Box 13309 Philadelphia, PA 19101 Phone: (215) 596-1154	IX ARIZONA Department of Economic Security, 1300 West Washington St., Phoenix 85005	II NEW JERSEY Department of Labor, Division of Planning and Research, P.O. Box 2765, Trenton 08625	VI NEW MEXICO Employment Security Commission, 401 Broad- way, TIWA Bldg., Albuquerque 87103
REGION IV—ATLANTA Suite 540 1371 Peachtree Street, NE. Atlanta, GA 30367 Phone: (404) 347-4416	VI ARKANSAS Department of Labor, Research and Statistics Section, Capitol Mall, Little Rock 72203-2981	II NEW YORK Department of Labor, Division of Research and Statistics, State Campus, Room 400, Bldg. 12, Albany 12240-0020	IV NORTH CAROLINA Employment Security Commission, Labor Market Information Division, P.O. Box 25903, Raleigh 27611
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	IV FLORIDA Florida Department of Labor and Employment Security, Bureau of Labor Market Information, Suite 203, 2574 Seagate Dr., Tallahassee 32399-0674	I MASSACHUSETTS Department of Employment and Training, Government Center, Charles F. Hurley Bldg., Boston 02114	IV TENNESSEE Department of Employment Security, Research and Statistics Division, 519 Cordell Hull Office Bldg., Nashville 37219
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	IX HAWAII Department of Labor and Industrial Relations, Research and Statistics Office, Room 304, 830 Punchbowl St., Honolulu 96813	V MINNESOTA Department of Jobs and Training, Research and Statistics Division, 5th Fl., 390 North Robert St., St. Paul 55101	VIII UTAH Department of Employment Security, Labor Market Information Services, P.O. Box 11249, Salt Lake City 84147
	X IDAHO Department of Employment, 317 Main St., Boise 83735	IV MISSISSIPPI Employment Security Commission, Labor Market Information Division, P.O. Box 1699, Jackson 39215-1699	I VERMONT Department of Employment and Training, Office of Policy and Public Information, P.O. Box 488, Montpelier 05602
	V ILLINOIS Department of Employment Security, (2 South), 401 South State St., Chicago 60605	VII MISSOURI Division of Employment Security, P.O. Box 59, Jefferson City 65104	III VIRGINIA Employment Commission, Economic Information Services, P.O. Box 1358, Richmond 23211
	V INDIANA Department of Employment and Training Services, Statistical Services Division, 10 North Senate Avenue, Indianapolis 46204		II VIRGIN ISLANDS Department of Labor, Bureau of Labor Statistics, 53-A, 54-A&B Kronprindsens Gade Charlotte Amalie, St. Thomas 00801-3359 (CES)
	VII IOWA Department of Employment Services, 1000 East Grand Avenue, Des Moines 50319		X WASHINGTON Employment Security Department, Labor Market and Economic Analysis Branch, 605 Woodview Dr., Olympia 98503
	VII KANSAS Department of Human Resources, 401 Topeka Avenue, Topeka 66603		III WEST VIRGINIA Department of Employment Security, Division of Labor and Economic Security, 112 California Avenue, Charleston 25305
	IV KENTUCKY Department of Employment Services, Labor Market Research and Analysis Branch, 275 East Main St., Frankfort 40621		V WISCONSIN Department of Industry, Labor, and Human Relations, Labor Market Information Bureau, 201 East Washington Avenue, Madison 53707
	VI LOUISIANA Department of Labor, Research and Statistics Section, 1001 North 23rd St., Baton Rouge 70804-9094		VIII WYOMING Employment Security Commission, Research and Analysis Section, P.O. Box 2760, Casper 82602
	I MAINE Department of Labor, Division of Economic Analysis and Research, 20 Union St., Augusta 04330		