



EMPLOYMENT AND EARNINGS

February 1987

U.S. Department of Labor
Bureau of Labor Statistics

In this issue:
Revised seasonally adjusted labor force series





U.S. DEPARTMENT OF LABOR

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BUREAU OF LABOR STATISTICS

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

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

Establishment data

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

State and area labor force data

Annual averages	May
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¹ The latest supplement was published in June 1986.

Employment and Earnings

Vol. 34 No. 2 February 1987

Editors: Gloria Peterson Green, Rosalie K. Epstein

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Employment and Unemployment Developments, January 1987

Employment continued to rise in January and unemployment was unchanged. The overall unemployment rate of 6.6 percent and the civilian worker rate of 6.7 percent remained at the levels to which they had declined in December.

Nonagricultural payroll employment—as measured by the monthly survey of business establishments—rose by 450,000, and civilian employment—as measured by the monthly survey of households—advanced by 375,000. Both surveys continued to show over-the-year employment gains in excess of 2 million.

Unemployment

The number of unemployed persons (seasonally adjusted) was about unchanged in January at 8.0 million, as were the jobless rates for nearly all major labor force groups. The rates for adult men (6.0 percent), adult women (5.9 percent), teenagers (17.7 percent), whites (5.9 percent), blacks (14.3 percent), and Hispanics (10.6 percent) showed little or no change from December. (See tables A-33 and A-34.)

There were also few changes in the distribution of unemployment by duration in January, and the mean and median duration figures remained at 15.0 and 7.0 weeks, respectively. The numbers of unemployed job losers and labor force entrants also were little different from December levels. (See tables A-40 and A-41.)

Civilian employment and the labor force

Civilian employment, which usually declines substantially from December to January, fell less than seasonally expected this January. As a result, employment showed a seasonally adjusted increase of 375,000, and the proportion of the civilian population that is employed rose to a very high 61.1 percent. (See tables A-33 and A-35.)

The civilian labor force expanded by 450,000 to 119.0 million in January, after seasonal adjustment. Over the year, the labor force was up by 2.3 million, with adult women accounting for 55 percent of the gain. The civilian labor force participation rate increased to 65.5 percent.

Industry payroll employment

Total nonagricultural payroll employment rose by 450,000 in January, after adjustment for seasonality, to 101.7 million. Over-the-month increases occurred in 56 percent of the 185 industries

in the BLS index of diffusion. (See tables B-4 and B-7.)

In the service-producing sector, after seasonal adjustment, large job gains were registered in retail trade—165,000—and the services industry—115,000. Retail employment typically declines in January following the end of the holiday shopping season. However, because pre-Christmas hiring this season was less than in the past, post-holiday job cutbacks were smaller than usual, resulting in a sharp increase in retail trade employment after seasonal adjustment. Employment also increased in the wholesale trade and finance, insurance, and real estate industry, while it was little changed in transportation and public utilities and government.

Within the goods sector, employment in construction also declined less than usually expected in January and, after seasonal adjustment, rose by 140,000. Manufacturing employment was unchanged in January, after edging up in each of the previous 3 months. Changes were small and offsetting among the 20 industries within manufacturing. Employment in mining, which has been particularly weak since the beginning of 1986, declined further over the month.

Weekly hours

Average weekly hours of production or nonsupervisory workers on private nonagricultural payrolls edged up 0.1 hour to 34.7, after seasonal adjustment. In manufacturing, both the workweek and overtime hours rose a tenth of an hour, reaching the relatively high levels of 40.9 and 3.6 hours, respectively. (See table C-5.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls rose by 0.7 percent to 119.8 (1977=100), after seasonal adjustment. The factory index rose by 0.5 percent to 93.8. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings were about unchanged in January, while average weekly earnings rose 0.4 percent, seasonally adjusted. Prior to seasonal adjustment, average hourly earnings increased 5 cents to \$8.88, but, owing to a seasonal decline in the workweek, average weekly earnings were down \$2.70 to \$305.47. Over the past year, average hourly earnings have risen by 16 cents, and average weekly earnings were up \$2.89. (See tables C-1 and C-7.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 170.8 (1977=100) in January, seasonally adjusted, an increase of 0.1 percent from December. For the 12 months ended in January, the increase was 2.0 percent. The HEI excludes the effects of two

types of changes unrelated to underlying wage rate movements—fluctuations in manufacturing overtime and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 1.0 percent during the 12-month period ended in December. (See table 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>
February	March 6	May	June 5
March	April 3	June	July 2
April	May 8	July	August 7

**HOUSEHOLD DATA
HISTORICAL**

A-1. Employment status of the noninstitutional population 16 years and over, 1953 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												
1953 ¹	109,287	65,246	59.7	63,410	2,231	61,179	6,260	54,919	1,834	2.8	44,041	
1954	110,463	65,785	59.6	62,251	2,142	60,109	6,205	53,904	3,532	5.4	44,678	
1955	111,747	67,087	60.0	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660	
1956	112,919	68,517	60.7	65,764	1,965	63,799	6,283	57,514	2,750	4.0	44,402	
1957	114,213	68,877	60.3	66,019	1,948	64,071	5,947	58,123	2,859	4.2	45,336	
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 ²	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539	
1963	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583	
1964	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394	
1965	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058	
1966	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288	
1967	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527	
1968	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291	
1969	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602	
1970	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315	
1971	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834	
1972 ²	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091	
1973 ³	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667	
1974	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171	
1975	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377	
1976	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991	
1977	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025	
1978 ¹	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659	
1979	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900	
1980	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806	
1981	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460	
1982	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067	
1983	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665	
1984	178,080	115,241	64.7	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839	
1985	179,912	117,167	65.1	108,856	1,706	107,150	3,179	103,971	8,312	7.1	62,744	
1986 ¹	182,293	119,540	65.6	111,303	1,706	109,597	3,163	106,434	8,237	6.9	62,752	
Monthly data, seasonally adjusted ²												
1986:												
January	181,361	118,485	65.3	110,583	1,691	108,892	3,280	105,612	7,902	6.7	62,876	
February	181,512	118,733	65.4	110,248	1,691	108,557	3,105	105,452	8,485	7.1	62,779	
March	181,678	118,880	65.4	110,500	1,693	108,807	3,252	105,555	8,380	7.0	62,798	
April	181,843	118,987	65.4	110,664	1,695	108,969	3,199	105,770	8,323	7.0	62,856	
May	181,998	119,274	65.5	110,852	1,687	109,165	3,151	106,014	8,422	7.1	62,724	
June	182,183	119,685	65.7	111,293	1,680	109,613	3,164	106,449	8,392	7.0	62,498	
July	182,354	119,789	65.7	111,559	1,672	109,887	3,124	106,763	8,230	6.9	62,565	
August	182,525	119,821	65.6	111,764	1,697	110,067	3,057	107,010	8,057	6.7	62,704	
September	182,713	119,988	65.7	111,703	1,716	109,987	3,142	106,845	8,285	6.9	62,725	
October	182,935	120,163	65.7	111,941	1,749	110,192	3,162	107,030	8,222	6.8	62,772	
November	183,114	120,426	65.8	112,183	1,751	110,432	3,215	107,217	8,243	6.8	62,688	
December	183,297	120,336	65.7	112,387	1,750	110,637	3,161	107,476	7,949	6.6	62,961	
1987:												
January	183,575	120,782	65.8	112,759	1,748	111,011	3,145	107,866	8,023	6.6	62,793	

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: Seasonally adjusted household survey data shown in tables A-1,2,3 and 32-53 have been revised based on the experience through December 1986. Data for 1982-86 are subject to revision.

**HOUSEHOLD DATA
HISTORICAL**

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1976 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												
1976	75,341	58,756	78.0	54,720	1,582	53,138	2,744	50,394	4,036	6.9	16,585	
1977	76,756	59,959	78.1	56,291	1,563	54,728	2,671	52,057	3,667	6.1	16,797	
1978 ¹	78,107	61,151	78.3	58,010	1,531	56,479	2,718	53,761	3,142	5.1	16,956	
1979	79,509	62,215	78.2	59,096	1,489	57,607	2,686	54,921	3,120	5.0	17,293	
1980	80,877	62,932	77.8	58,665	1,479	57,186	2,709	54,477	4,267	6.8	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	76.8	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771	
1985	86,025	65,967	76.7	61,447	1,556	59,891	2,535	57,356	4,521	6.9	20,058	
1986 ¹	87,349	66,973	76.7	62,443	1,551	60,892	2,511	58,381	4,530	6.8	20,376	
Monthly data, seasonally adjusted²												
1986:												
January	86,882	66,666	76.7	62,392	1,539	60,853	2,552	58,301	4,274	6.4	20,216	
February	86,954	66,737	76.7	62,142	1,539	60,603	2,466	58,137	4,595	6.9	20,217	
March	87,035	66,793	76.7	62,221	1,540	60,681	2,621	58,060	4,572	6.8	20,242	
April	87,120	66,770	76.6	62,253	1,541	60,712	2,572	58,140	4,517	6.8	20,350	
May	87,195	66,854	76.7	62,201	1,533	60,668	2,510	58,158	4,653	7.0	20,341	
June	87,288	66,937	76.7	62,318	1,525	60,793	2,541	58,252	4,619	6.9	20,351	
July	87,373	66,968	76.6	62,402	1,518	60,884	2,486	58,398	4,566	6.8	20,405	
August	87,460	66,911	76.5	62,483	1,541	60,942	2,397	58,545	4,428	6.6	20,549	
September	87,556	67,128	76.7	62,528	1,560	60,968	2,495	58,473	4,600	6.9	20,428	
October	87,682	67,130	76.6	62,565	1,590	60,975	2,513	58,462	4,565	6.8	20,552	
November	87,773	67,407	76.8	62,833	1,592	61,241	2,506	58,735	4,574	6.8	20,366	
December	87,868	67,425	76.7	62,986	1,593	61,393	2,489	58,904	4,439	6.6	20,443	
1987:												
January	88,020	67,672	76.9	63,187	1,591	61,596	2,474	59,123	4,484	6.6	20,348	
Annual averages												
WOMEN												
1976	82,476	39,069	47.4	35,701	86	35,615	588	35,027	3,369	8.6	43,406	
1977	83,932	40,705	48.5	37,381	92	37,289	612	36,677	3,324	8.2	43,227	
1978 ¹	85,434	42,731	50.0	39,669	100	39,569	669	38,900	3,061	7.2	42,703	
1979	86,951	44,343	51.0	41,325	108	41,217	661	40,556	3,018	6.8	42,608	
1980	88,472	45,611	51.6	42,241	124	42,117	656	41,461	3,370	7.4	42,861	
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	680	43,367	4,457	9.2	43,181	
1984	92,924	49,855	53.7	46,061	146	45,915	653	45,262	3,794	7.6	43,068	
1985	93,886	51,200	54.5	47,409	150	47,259	644	46,615	3,791	7.4	42,686	
1986 ¹	94,944	52,568	55.4	48,861	155	48,706	652	48,054	3,707	7.1	42,376	
Monthly data, seasonally adjusted²												
1986:												
January	94,479	51,819	54.8	48,191	152	48,039	728	47,311	3,628	7.0	42,660	
February	94,558	51,996	55.0	48,106	152	47,954	639	47,315	3,890	7.5	42,562	
March	94,643	52,087	55.0	48,279	153	48,126	631	47,495	3,808	7.3	42,556	
April	94,723	52,217	55.1	48,411	154	48,257	627	47,630	3,806	7.3	42,506	
May	94,803	52,420	55.3	48,651	154	48,497	641	47,856	3,769	7.2	42,383	
June	94,895	52,748	55.6	48,975	155	48,820	623	48,197	3,773	7.2	42,147	
July	94,981	52,821	55.6	49,157	154	49,003	638	48,365	3,664	6.9	42,160	
August	95,065	52,910	55.7	49,281	156	49,125	660	48,465	3,629	6.9	42,155	
September	95,156	52,860	55.6	49,175	156	49,019	647	48,372	3,685	7.0	42,296	
October	95,253	53,033	55.7	49,376	159	49,217	649	48,568	3,657	6.9	42,220	
November	95,341	53,019	55.6	49,350	159	49,191	709	48,482	3,669	6.9	42,322	
December	95,429	52,911	55.4	49,401	157	49,244	672	48,572	3,510	6.6	42,518	
1987:												
January	95,556	53,110	55.6	49,572	157	49,415	671	48,744	3,538	6.7	42,446	

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, 1953 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								
1953 ¹	107,056	63,015	58.9	61,179	1,834	2.9	2.8	3.3
1954	108,321	63,643	58.8	60,109	3,532	5.5	5.3	6.0
1955	109,683	65,023	59.3	62,170	2,852	4.4	4.2	4.9
1956	110,954	66,552	60.0	63,799	2,750	4.1	3.8	4.8
1957	112,265	66,929	59.6	64,071	2,859	4.3	4.1	4.7
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 ¹	120,153	70,614	58.8	66,702	3,911	5.5	5.2	6.2
1963	122,416	71,833	58.7	67,762	4,070	5.7	5.2	6.5
1964	124,485	73,091	58.7	69,305	3,786	5.2	4.6	6.2
1965	126,513	74,455	58.9	71,088	3,366	4.5	4.0	5.5
1966	128,058	75,770	59.2	72,895	2,875	3.8	3.2	4.8
1967	129,874	77,347	59.6	74,372	2,975	3.8	3.1	5.2
1968	132,028	78,737	59.6	75,920	2,817	3.6	2.9	4.8
1969	134,335	80,734	60.1	77,902	2,832	3.5	2.8	4.7
1970	137,085	82,771	60.4	78,678	4,093	4.9	4.4	5.9
1971	140,216	84,382	60.2	79,367	5,016	5.9	5.3	6.9
1972 ¹	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 ¹	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976	156,150	96,158	61.6	88,752	7,406	7.7	7.1	8.6
1977	159,033	99,009	62.3	92,017	6,991	7.1	6.3	8.2
1978 ¹	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
1984	176,383	113,544	64.4	105,005	8,539	7.5	7.4	7.6
1985	178,206	115,461	64.8	107,150	8,312	7.2	7.0	7.4
1986 ¹	180,587	117,834	65.3	109,597	8,237	7.0	6.9	7.1
Monthly data, seasonally adjusted ²								
1986:								
January	179,670	116,794	65.0	108,892	7,902	6.8	6.6	7.0
February	179,821	117,042	65.1	108,557	8,485	7.2	7.0	7.5
March	179,985	117,187	65.1	108,807	8,380	7.2	7.0	7.3
April	180,148	117,292	65.1	108,969	8,323	7.1	6.9	7.3
May	180,311	117,587	65.2	109,165	8,422	7.2	7.1	7.2
June	180,503	118,005	65.4	109,613	8,392	7.1	7.1	7.2
July	180,682	118,117	65.4	109,887	8,230	7.0	7.0	7.0
August	180,828	118,124	65.3	110,067	8,057	6.8	6.8	6.9
September	180,997	118,272	65.3	109,987	8,285	7.0	7.0	7.0
October	181,186	118,414	65.4	110,192	8,222	6.9	7.0	6.9
November	181,363	118,675	65.4	110,432	8,243	6.9	6.9	6.9
December	181,547	118,586	65.3	110,637	7,949	6.7	6.7	6.7
1987:								
January	181,827	119,034	65.5	111,011	8,023	6.7	6.8	6.7

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	January 1987										
	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	181,827	117,703	64.7	109,084	8,620	7.3	64,124	29,827	9,331	2,727	22,239
16 to 19 years	14,545	7,149	49.2	5,823	1,326	18.5	7,395	506	6,319	26	544
16 to 17 years	7,469	2,916	39.0	2,326	590	20.2	4,553	122	4,247	8	176
18 to 19 years	7,076	4,234	59.8	3,497	736	17.4	2,842	384	2,072	17	369
20 to 24 years	19,235	15,024	78.1	13,267	1,757	11.7	4,212	1,559	1,885	65	703
25 to 54 years	98,267	80,753	82.2	75,742	5,010	6.2	17,513	12,681	1,094	925	2,813
25 to 34 years	42,118	34,836	82.7	32,161	2,675	7.7	7,282	5,307	791	223	962
25 to 29 years	21,455	17,838	83.1	16,353	1,484	8.3	3,618	2,509	521	99	489
30 to 34 years	20,663	16,998	82.3	15,808	1,191	7.0	3,664	2,798	270	124	473
35 to 44 years	33,216	28,037	84.4	26,541	1,496	5.3	5,179	3,870	232	290	787
35 to 39 years	18,427	15,558	84.4	14,670	888	5.7	2,870	2,125	158	157	420
40 to 44 years	14,789	12,480	84.4	11,872	609	4.9	2,310	1,735	74	134	366
45 to 54 years	22,932	17,880	78.0	17,040	840	4.7	5,052	3,504	72	412	1,065
45 to 49 years	12,080	9,774	80.9	9,324	450	4.6	2,306	1,647	53	174	432
50 to 54 years	10,852	8,106	74.7	7,716	390	4.8	2,746	1,856	18	238	633
55 to 64 years	21,922	11,861	54.1	11,410	451	3.8	10,061	5,249	22	656	4,135
55 to 59 years	11,108	7,197	64.8	6,909	289	4.0	3,911	2,281	13	325	1,292
60 to 64 years	10,814	4,664	43.1	4,502	162	3.5	6,150	2,968	9	330	2,843
65 years and over	27,859	2,917	10.5	2,841	75	2.6	24,942	9,832	12	1,056	14,044
65 to 69 years	9,646	1,754	18.2	1,698	56	3.2	7,892	3,243	3	241	4,404
70 to 74 years	7,517	736	9.8	720	16	2.2	6,781	2,668	2	219	3,892
75 years and over	10,696	426	4.0	424	3	.7	10,270	3,921	7	596	5,747
Men											
16 years and over	86,429	65,289	75.5	60,237	5,052	7.7	21,139	517	4,707	1,495	14,420
16 to 19 years	7,296	3,701	50.7	2,947	755	20.4	3,595	17	3,242	16	320
16 to 17 years	3,812	1,485	38.9	1,146	339	22.8	2,327	6	2,210	5	106
18 to 19 years	3,484	2,217	63.6	1,801	416	18.8	1,268	11	1,032	11	214
20 to 24 years	9,325	7,844	84.1	6,871	973	12.4	1,481	32	973	47	430
25 to 54 years	47,996	45,037	93.8	42,063	2,974	6.6	2,958	176	484	581	1,718
25 to 34 years	20,682	19,542	94.5	17,948	1,594	8.2	1,140	62	390	128	560
25 to 29 years	10,526	9,888	93.9	9,011	877	8.9	639	29	277	50	283
30 to 34 years	10,156	9,654	95.1	8,938	717	7.4	501	33	113	78	277
35 to 44 years	16,209	15,448	95.3	14,567	881	5.7	761	68	71	187	435
35 to 39 years	9,021	8,604	95.4	8,092	512	5.9	417	43	48	102	224
40 to 44 years	7,188	6,844	95.2	6,475	370	5.4	344	24	23	85	211
45 to 54 years	11,105	10,047	90.5	9,548	499	5.0	1,058	47	23	266	723
45 to 49 years	5,878	5,458	92.8	5,202	256	4.7	420	16	17	112	275
50 to 54 years	5,227	4,589	87.8	4,346	243	5.3	637	30	5	154	448
55 to 64 years	10,311	6,983	67.7	6,675	308	4.4	3,327	102	7	431	2,787
55 to 59 years	5,293	4,196	79.3	4,002	194	4.6	1,097	40	3	206	847
60 to 64 years	5,018	2,787	55.5	2,873	114	4.1	2,231	62	4	225	1,940
65 years and over	11,502	1,724	15.0	1,682	42	2.4	9,778	190	3	420	9,165
65 to 69 years	4,367	1,033	23.7	1,005	28	2.7	3,334	62		140	3,131
70 to 74 years	3,215	450	14.0	438	13	2.9	2,765	43		96	2,625
75 years and over	3,919	240	6.1	239	1	.4	3,679	85	3	184	3,408
Women											
16 years and over	95,399	52,414	54.9	48,846	3,568	6.8	42,985	29,310	4,624	1,232	7,819
16 to 19 years	7,248	3,448	47.6	2,876	572	16.6	3,800	489	3,077	10	224
16 to 17 years	3,657	1,431	39.1	1,180	251	17.6	2,226	116	2,037	3	70
18 to 19 years	3,591	2,017	56.2	1,697	320	15.9	1,575	373	1,040	7	154
20 to 24 years	9,911	7,180	72.4	6,396	764	10.9	2,731	1,527	912	18	273
25 to 54 years	50,271	35,716	71.0	33,680	2,036	5.7	14,555	12,505	610	344	1,095
25 to 34 years	21,436	15,294	71.3	14,212	1,081	7.1	6,142	5,245	401	95	401
25 to 29 years	10,929	7,950	72.7	7,342	607	7.6	2,979	2,480	244	49	206
30 to 34 years	10,507	7,344	69.9	6,870	474	6.5	3,163	2,765	157	46	196
35 to 44 years	17,008	12,589	74.0	11,975	815	4.9	4,418	3,803	161	103	351
35 to 39 years	9,406	6,954	73.9	6,578	376	5.4	2,453	2,092	110	55	196
40 to 44 years	7,601	5,636	74.1	5,397	239	4.2	1,966	1,711	51	49	155
45 to 54 years	11,827	7,833	66.2	7,492	341	4.4	3,995	3,457	49	146	342
45 to 46 years	6,202	4,316	69.8	4,122	194	4.5	1,886	1,631	36	62	157
50 to 54 years	5,625	3,517	62.5	3,370	147	4.2	2,109	1,826	13	84	185
55 to 64 years	11,612	4,878	42.0	4,735	143	2.9	6,734	5,147	14	224	1,348
55 to 59 years	5,816	3,001	51.6	2,906	95	3.2	2,814	2,241	10	119	445
60 to 64 years	5,796	1,877	32.4	1,829	48	2.5	3,919	2,906	5	106	903
65 years and over	16,357	1,183	7.3	1,159	33	2.8	15,165	9,641	9	635	4,879
65 to 69 years	5,279	721	13.7	693	28	3.9	4,558	3,181	3	101	1,273
70 to 74 years	4,302	286	6.6	282	3	1.0	4,016	2,625	2	123	1,267
75 years and over	6,777	186	2.7	185	2	.8	6,591	3,836	4	412	2,339

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	January 1987										
	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	156,313	101,662	65.0	95,036	6,625	6.5	54,651	26,089	7,118	2,122	19,322
16 to 19 years	11,903	6,237	52.4	5,229	1,009	16.2	5,666	390	4,826	22	428
16 to 17 years	6,088	2,593	42.5	2,127	466	18.0	3,505	104	3,251	8	141
18 to 19 years	5,805	3,644	62.8	3,101	543	14.9	2,161	286	1,575	13	287
20 to 24 years	16,065	12,837	79.9	11,554	1,284	10.0	3,227	1,241	1,466	34	486
25 to 54 years	83,908	69,414	82.7	65,507	3,908	5.6	14,494	10,867	805	685	2,136
25 to 34 years	35,534	29,893	83.6	27,867	2,026	6.8	5,841	4,448	575	173	646
25 to 29 years	18,052	15,207	84.2	14,093	1,114	7.3	2,845	2,061	388	73	323
30 to 34 years	17,481	14,486	82.9	13,574	912	6.3	2,996	2,387	186	101	323
35 to 44 years	28,615	24,243	84.7	23,050	1,193	4.9	4,372	3,371	171	221	609
35 to 39 years	15,787	13,392	84.8	12,702	691	8.5	2,395	1,875	111	122	302
40 to 44 years	12,828	10,850	84.6	10,348	502	4.6	1,977	1,514	60	98	306
45 to 54 years	19,760	15,478	78.3	14,790	688	4.4	4,281	3,049	58	292	882
45 to 49 years	10,381	8,415	81.1	8,054	361	4.3	1,967	1,476	44	122	337
50 to 54 years	9,378	7,063	75.3	6,737	327	5.1	2,314	1,612	15	169	545
55 to 64 years	19,362	10,505	54.3	10,141	364	3.5	8,856	4,665	13	534	3,644
55 to 59 years	9,752	6,351	65.1	6,121	231	3.6	3,401	2,021	5	272	1,103
60 to 64 years	9,609	4,154	43.2	4,020	134	3.2	5,455	2,645	8	262	2,541
65 years and over	25,075	2,668	10.6	2,606	62	2.3	22,408	8,925	10	846	12,627
65 to 69 years	8,615	1,603	18.6	1,559	44	2.7	7,012	2,921	2	168	3,922
70 to 74 years	6,773	671	9.9	655	15	2.2	6,103	2,424	1	170	3,509
75 years and over	9,667	394	4.1	392	3	.8	9,293	3,581	7	508	5,196
Men											
16 years and over	74,853	57,092	76.3	53,090	4,002	7.0	17,760	404	3,616	1,181	12,560
16 to 19 years	5,987	3,203	53.5	2,614	589	18.4	2,784	17	2,504	14	250
16 to 17 years	3,117	1,301	41.7	1,037	265	20.3	1,816	7	1,716	5	88
18 to 19 years	2,870	1,902	66.3	1,577	325	17.1	968	10	787	9	162
20 to 24 years	7,856	6,748	85.9	6,002	746	11.1	1,108	20	759	23	305
25 to 54 years	41,478	39,291	94.7	36,906	2,385	6.1	2,187	121	346	446	1,274
25 to 34 years	17,688	16,913	95.6	15,647	1,267	7.5	774	44	276	106	348
25 to 29 years	8,970	8,528	95.1	7,830	698	8.2	442	19	208	40	175
30 to 34 years	8,717	8,386	96.2	7,817	569	6.8	332	25	68	66	174
35 to 44 years	14,122	13,563	96.0	12,858	705	5.2	559	43	47	144	326
35 to 39 years	7,812	7,525	96.3	7,117	408	5.4	287	28	30	80	149
40 to 44 years	6,310	6,037	95.7	5,740	297	4.9	272	15	17	63	176
45 to 54 years	9,668	8,814	91.2	8,402	412	4.7	854	34	22	197	600
45 to 49 years	5,096	4,761	93.4	4,550	211	4.4	336	12	17	84	223
50 to 54 years	4,572	4,053	88.7	3,852	202	5.0	518	22	5	113	377
55 to 64 years	9,153	6,249	68.3	6,003	247	3.9	2,904	77	5	360	2,462
55 to 59 years	4,669	3,735	80.0	3,580	155	4.2	934	30	175	729	
60 to 64 years	4,484	2,514	56.1	2,423	91	3.6	1,970	47	4	186	1,733
65 years and over	10,379	1,601	15.4	1,565	36	2.3	8,778	168	3	337	8,269
65 to 69 years	3,922	957	24.4	933	24	2.5	2,965	57	99	2,809	
70 to 74 years	2,906	418	14.4	407	11	2.6	2,489	34	74	2,382	
75 years and over	3,551	227	6.4	226	1	.4	3,324	78	3	164	3,078
Women											
16 years and over	81,460	44,569	54.7	41,946	2,623	5.9	36,891	25,685	3,502	941	6,762
16 to 19 years	5,916	3,034	51.3	2,615	419	13.8	2,882	373	2,322	8	179
16 to 17 years	2,981	1,292	43.3	1,091	201	15.6	1,689	98	1,535	3	54
18 to 19 years	2,935	1,742	59.4	1,524	218	12.5	1,192	275	787	4	125
20 to 24 years	8,209	6,090	74.2	5,552	538	8.8	2,120	1,221	706	11	181
25 to 54 years	42,430	30,123	71.0	28,601	1,523	5.1	12,307	10,746	459	239	862
25 to 34 years	17,846	12,779	71.6	12,020	759	5.9	5,067	4,404	298	67	297
25 to 29 years	9,082	6,679	73.5	6,263	416	6.2	2,403	2,042	180	33	148
30 to 34 years	8,764	6,100	69.6	5,757	343	5.6	2,664	2,362	118	35	149
35 to 44 years	14,492	10,680	73.7	10,192	488	4.6	3,812	3,328	124	77	283
35 to 39 years	7,975	5,867	73.6	5,585	283	4.8	2,108	1,832	81	42	153
40 to 44 years	6,518	4,813	73.8	4,608	205	4.3	1,705	1,496	43	35	130
45 to 54 years	10,092	6,664	66.0	6,388	276	4.1	3,428	3,014	36	95	282
45 to 49 years	5,285	3,654	69.1	3,504	150	4.1	1,631	1,452	27	38	114
50 to 54 years	4,806	3,010	62.6	2,885	125	4.2	1,796	1,563	10	56	168
55 to 64 years	10,209	4,256	41.7	4,138	118	2.8	5,953	4,588	8	174	1,182
55 to 59 years	5,083	2,616	51.5	2,541	75	2.9	2,467	1,991	5	98	374
60 to 64 years	5,125	1,640	32.0	1,598	42	2.6	3,485	2,597	4	76	808
65 years and over	14,696	1,066	7.3	1,041	26	2.4	13,630	8,757	7	509	4,357
65 to 69 years	4,693	646	13.8	626	20	3.1	4,047	2,864	2	69	1,113
70 to 74 years	3,867	253	6.5	248	4	1.6	3,614	2,390	1	96	1,127
75 years and over	6,136	167	2.7	166	2	.9	5,969	3,503	4	344	2,118

**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	January 1987										
	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	20,187	12,558	62.2	10,809	1,749	13.9	7,629	2,940	1,685	540	2,461
16 to 19 years	2,145	734	34.2	447	287	39.1	1,410	107	1,190	4	109
16 to 17 years	1,107	255	23.0	135	120	47.0	852	15	805		33
18 to 19 years	1,038	479	46.2	312	168	35.0	558	92	385	4	77
20 to 24 years	2,602	1,812	69.6	1,377	435	24.0	790	279	306	29	176
25 to 54 years	11,022	8,745	79.3	7,793	952	10.9	2,279	1,322	184	215	556
25 to 34 years	5,091	4,031	79.2	3,452	579	14.4	1,060	627	127	48	258
25 to 29 years	2,651	2,069	78.0	1,734	335	16.2	581	335	81	26	138
30 to 34 years	2,441	1,962	80.4	1,718	244	12.4	479	292	45	23	119
35 to 44 years	3,495	2,880	82.4	2,631	249	8.6	615	360	44	62	149
35 to 39 years	2,017	1,668	82.7	1,497	172	10.3	348	189	35	28	96
40 to 44 years	1,478	1,212	82.0	1,135	77	6.4	267	171	9	35	52
45 to 54 years	2,436	1,834	75.3	1,710	124	6.8	603	335	13	105	149
45 to 49 years	1,288	1,030	80.1	958	71	6.9	256	130	10	42	75
50 to 54 years	1,150	804	69.9	751	53	6.6	347	205	4	64	75
55 to 64 years	2,090	1,068	51.1	1,004	64	6.0	1,022	486	5	105	426
55 to 59 years	1,098	670	61.1	828	42	6.3	427	211	5	47	164
60 to 64 years	992	398	40.1	375	22	5.6	595	275		57	263
65 years and over	2,328	200	8.6	189	11	5.5	2,128	746		187	1,194
65 to 69 years	848	122	14.4	112	9	7.4	726	262		65	400
70 years and over	1,480	79	5.3	77	2	2.5	1,402	485		122	794
Men											
16 years and over	9,049	6,303	69.7	5,415	888	14.1	2,747	102	814	281	1,548
16 to 19 years	1,053	392	37.2	247	145	36.9	661	1	593	2	66
16 to 17 years	557	148	26.5	76	72	48.5	409	-	393		17
18 to 19 years	498	244	49.2	171	73	29.9	252	1	199	2	50
20 to 24 years	1,184	904	76.4	707	197	21.8	280	11	148	24	98
25 to 54 years	4,934	4,335	87.9	3,842	493	11.4	601	48	73	115	362
25 to 34 years	2,296	2,029	88.3	1,747	282	13.9	268	15	59	22	171
25 to 29 years	1,197	1,050	87.7	890	160	15.2	147	8	37	10	92
30 to 34 years	1,100	979	89.0	857	122	12.5	121	7	22	13	79
35 to 44 years	1,556	1,391	89.4	1,247	143	10.3	165	21	13	36	95
35 to 39 years	898	793	88.3	699	94	11.9	105	15	10	16	64
40 to 44 years	658	598	90.8	549	49	8.2	60	6	3	21	30
45 to 54 years	1,082	915	84.6	847	68	7.4	167	12	1	57	96
45 to 49 years	571	507	88.7	472	35	6.9	64	4	1	21	39
50 to 54 years	511	408	79.9	375	33	8.1	103	8		37	58
55 to 64 years	940	570	60.6	521	49	8.5	370	22		65	283
55 to 59 years	496	356	71.8	325	32	8.9	140	8		30	101
60 to 64 years	443	213	48.1	196	17	7.9	230	13		34	183
65 years and over	938	103	10.9	97	5	5.0	835	20		75	739
65 to 69 years	368	63	17.0	60	3	(¹)	305	6		37	262
70 years and over	569	40	7.0	38	2	(¹)	530	15		38	477
Women											
16 years and over	11,138	6,255	56.2	5,394	861	13.8	4,882	2,839	872	259	912
16 to 19 years	1,092	342	31.3	200	143	41.7	749	106	597	2	43
16 to 17 years	550	107	19.5	59	48	45.0	443	15	412		16
18 to 19 years	542	235	43.4	141	95	40.2	307	91	186	2	27
20 to 24 years	1,418	907	64.0	670	238	26.2	510	268	158	5	78
25 to 54 years	6,088	4,410	72.4	3,951	459	10.4	1,678	1,274	111	100	194
25 to 34 years	2,795	2,002	71.6	1,705	297	14.8	792	612	68	26	87
25 to 29 years	1,454	1,019	70.1	844	175	12.2	434	327	44	16	46
30 to 34 years	1,341	983	73.3	861	122	12.4	358	285	23	10	40
35 to 44 years	1,939	1,489	76.8	1,384	106	7.1	450	339	31	26	54
35 to 39 years	1,119	875	78.3	798	78	8.9	243	174	25	12	32
40 to 44 years	820	614	74.8	586	28	4.5	207	165	6	14	22
45 to 54 years	1,354	919	67.8	862	56	6.1	436	323	12	48	53
45 to 49 years	715	523	73.1	486	36	7.0	192	126	9	21	36
50 to 54 years	639	396	61.9	376	20	5.0	244	197	4	27	17
55 to 64 years	1,150	498	43.3	483	16	3.2	652	464	5	40	143
55 to 59 years	601	314	52.2	304	10	3.3	287	203	5	17	83
60 to 64 years	549	184	33.6	179	5	2.9	364	262		23	80
65 years and over	1,390	97	7.0	92	6	6.0	1,293	726		112	455
65 to 69 years	480	59	12.2	52	6	(¹)	421	256		28	138
70 years and over	911	39	4.3	39	-	(¹)	872	470		84	317

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	January 1987								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	25,515	16,042	62.9	14,047	172	13,875	1,994	12.4	9,473
16 to 19 years	2,642	912	34.5	595	6	588	318	34.8	1,730
16 to 17 years	1,371	323	23.5	198	4	195	124	38.5	1,048
18 to 19 years	1,271	589	46.4	396	3	394	193	32.8	682
20 to 24 years	3,171	2,186	68.9	1,713	10	1,702	473	21.7	985
25 to 54 years	14,358	11,339	79.0	10,235	102	10,134	1,104	9.7	3,020
25 to 34 years	6,584	5,143	78.1	4,494	42	4,452	649	12.6	1,441
25 to 29 years	3,402	2,631	77.3	2,260	24	2,236	370	14.1	773
30 to 34 years	3,181	1,340	42.1	2,234	18	2,216	279	20.8	669
35 to 44 years	4,602	3,794	82.5	3,491	35	3,456	303	8.0	807
35 to 39 years	2,640	2,165	82.0	1,968	18	1,952	197	9.1	475
40 to 44 years	1,962	1,630	83.1	1,523	19	1,505	106	6.5	332
45 to 54 years	3,172	2,401	75.7	2,250	25	2,225	152	6.3	771
45 to 49 years	1,699	1,359	80.0	1,271	11	1,259	89	6.5	340
50 to 54 years	1,474	1,042	70.7	979	14	965	63	6.0	431
55 to 64 years	2,560	1,356	53.0	1,270	33	1,237	86	6.4	1,205
55 to 59 years	1,356	846	62.4	788	19	769	58	6.8	510
60 to 64 years	1,205	510	42.3	482	14	467	28	5.6	695
65 years and over	2,784	249	8.9	235	21	214	14	5.5	2,535
65 to 69 years	1,031	152	14.7	140	9	131	12	7.9	880
70 to 74 years	742	66	8.9	64	11	53	2	(¹)	678
75 years and over	1,010	32	3.2	32	1	31	-	(¹)	977
Men									
16 years and over	11,576	8,197	70.8	7,147	139	7,009	1,050	12.8	3,379
16 to 19 years	1,309	498	38.1	333	6	327	165	33.2	811
16 to 17 years	695	183	26.4	110	3	106	74	40.3	512
18 to 19 years	614	315	51.3	224	3	221	91	29.0	299
20 to 24 years	1,469	1,096	74.6	868	7	861	228	20.8	373
25 to 54 years	6,518	5,746	88.2	5,157	82	5,075	590	10.3	772
25 to 34 years	2,995	2,629	87.8	2,302	33	2,269	327	12.4	366
25 to 29 years	1,556	1,360	87.4	1,181	19	1,162	179	13.2	197
30 to 34 years	1,438	1,269	88.2	1,121	14	1,107	148	11.7	170
35 to 44 years	2,086	1,885	90.4	1,709	29	1,680	176	9.3	201
35 to 39 years	1,208	1,078	89.2	975	15	959	104	9.6	130
40 to 44 years	878	807	91.9	734	14	721	72	9.0	71
45 to 54 years	1,437	1,233	85.8	1,146	20	1,126	87	7.0	204
45 to 49 years	782	697	89.1	652	9	642	45	6.4	85
50 to 54 years	655	536	81.8	494	11	483	42	7.8	119
55 to 64 years	1,157	734	63.4	672	25	648	61	8.4	424
55 to 59 years	624	481	77.3	422	11	411	38	8.3	163
60 to 64 years	534	273	51.2	250	14	236	23	8.5	261
65 years and over	1,122	122	10.9	117	18	98	6	4.7	1,000
65 to 69 years	445	77	17.2	73	8	65	4	5.1	369
70 to 74 years	308	33	10.7	31	9	22	2	(¹)	276
75 years and over	369	13	3.5	13	1	12	-	(¹)	355
Women									
16 years and over	13,939	7,845	56.3	6,900	34	6,866	945	12.0	6,094
16 to 19 years	1,333	414	31.0	261	-	261	152	36.8	919
16 to 17 years	676	139	20.6	89	-	89	50	36.1	537
18 to 19 years	657	274	41.8	173	-	173	102	37.1	382
20 to 24 years	1,702	1,090	64.1	844	3	841	246	22.5	611
25 to 54 years	7,840	5,593	71.3	5,078	20	5,059	514	9.2	2,248
25 to 34 years	3,589	2,514	70.1	2,192	9	2,183	322	12.8	1,075
25 to 29 years	1,846	1,271	68.8	1,079	5	1,074	191	15.0	576
30 to 34 years	1,743	1,244	71.4	1,113	4	1,109	131	10.5	499
35 to 44 years	2,515	1,909	75.9	1,782	6	1,777	127	8.6	606
35 to 39 years	1,432	1,087	75.9	993	1	993	93	8.6	345
40 to 44 years	1,084	823	75.9	789	5	784	34	4.1	281
45 to 54 years	1,736	1,169	67.3	1,104	5	1,099	65	5.6	567
45 to 49 years	917	662	72.2	619	2	617	44	6.8	255
50 to 54 years	819	506	61.9	485	3	482	21	4.2	312
55 to 64 years	1,403	622	44.3	597	8	589	25	4.0	781
55 to 59 years	732	385	52.6	366	8	358	20	5.1	347
60 to 64 years	671	237	35.3	231	-	231	5	2.2	434
65 years and over	1,661	127	7.6	119	3	116	8	6.1	1,535
65 to 69 years	586	75	12.8	67	1	66	8	11.1	511
70 to 74 years	434	33	7.6	33	2	31	-	(¹)	402
75 years and over	641	19	3.0	19	-	19	-	(¹)	622

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	
	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
TOTAL								
Civilian noninstitutional population	179,670	181,827	78,101	79,132	87,112	88,150	14,458	14,545
Civilian labor force	115,431	117,703	60,734	61,588	47,715	48,966	6,982	7,149
Percent of population	64.2	64.7	77.8	77.8	54.8	55.5	48.3	49.2
Employed	106,959	109,084	56,645	57,290	44,666	45,970	5,648	5,823
Agriculture	2,819	2,705	2,119	2,044	559	520	142	141
Nonagricultural industries	104,140	106,379	54,526	55,246	44,107	45,450	5,506	5,682
Unemployed	8,472	8,620	4,089	4,297	3,049	2,996	1,334	1,326
Unemployment rate	7.3	7.3	6.7	7.0	6.4	6.1	19.1	18.5
Not in labor force	64,239	64,124	17,367	17,545	39,397	39,184	7,475	7,395
White								
Civilian noninstitutional population	154,784	156,313	68,099	68,866	74,820	75,544	11,865	11,903
Civilian labor force	99,885	101,662	53,214	53,889	40,606	41,535	6,065	6,237
Percent of population	64.5	65.0	78.1	78.3	54.3	55.0	51.1	52.4
Employed	93,421	95,036	50,027	50,476	38,315	39,331	5,080	5,229
Agriculture	2,657	2,533	1,977	1,912	539	486	141	135
Nonagricultural industries	90,764	92,504	48,050	48,565	37,775	38,845	4,939	5,094
Unemployed	6,464	6,625	3,188	3,413	2,291	2,204	985	1,009
Unemployment rate	6.5	6.5	6.0	6.3	5.6	5.3	16.2	16.2
Not in labor force	54,899	54,651	14,885	14,976	34,214	34,009	5,799	5,666
Black								
Civilian noninstitutional population	19,837	20,187	7,836	7,996	9,861	10,046	2,140	2,145
Civilian labor force	12,296	12,558	5,819	5,911	5,704	5,913	773	734
Percent of population	62.0	62.2	74.3	73.9	57.8	58.9	36.1	34.2
Employed	10,531	10,809	5,039	5,167	5,038	5,195	454	447
Agriculture	119	127	109	105	9	16	1	6
Nonagricultural industries	10,412	10,682	4,931	5,062	5,028	5,179	453	441
Unemployed	1,765	1,749	779	744	666	718	319	287
Unemployment rate	14.4	13.9	13.4	12.6	11.7	12.1	41.3	39.1
Not in labor force	7,542	7,629	2,018	2,085	4,156	4,133	1,368	1,410

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	January 1987									
	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	15,682	7,242	46.2	6,258	1,265	4,993	984	124	860	13.6
16 to 19 years	10,933	4,504	41.2	3,758	354	3,405	746	57	689	16.6
20 to 24 years	4,749	2,738	57.7	2,500	911	1,589	238	68	171	8.7
High school	8,431	3,273	38.8	2,663	161	2,502	610	45	565	18.6
College	7,251	3,969	54.7	3,594	1,104	2,491	374	79	295	9.4
Full-time students	6,132	2,999	48.9	2,708	457	2,251	292	48	244	9.7
Part-time students	1,119	969	86.6	887	647	240	83	32	51	8.5
Men, 16 to 24 years	7,964	3,652	45.9	3,089	685	2,404	563	83	480	15.4
16 to 19 years	5,587	2,309	41.3	1,877	199	1,678	432	37	395	18.7
20 to 24 years	2,377	1,343	56.5	1,212	486	726	131	45	85	9.7
High school	4,437	1,755	39.5	1,380	103	1,277	374	30	345	21.3
College	3,528	1,897	53.8	1,709	583	1,126	188	53	135	9.9
Full-time students	3,016	1,447	48.0	1,302	287	1,015	145	30	115	10.0
Part-time students	511	450	88.0	407	296	111	43	23	21	9.6
Women, 16 to 24 years	7,718	3,590	46.5	3,169	580	2,589	421	42	380	11.7
16 to 19 years	5,346	2,195	41.1	1,881	155	1,726	314	19	294	14.3
20 to 24 years	2,372	1,395	58.8	1,288	425	863	107	22	85	7.7
High school	3,995	1,519	38.0	1,283	58	1,225	235	15	220	15.5
College	3,724	2,071	55.6	1,885	521	1,364	186	26	160	9.0
Full-time students	3,116	1,552	49.8	1,405	170	1,235	147	17	129	9.4
Part-time students	608	519	85.5	480	351	129	39	9	30	7.6
White										
Total, 16 to 24 years	12,821	6,320	49.3	5,550	1,076	4,474	770	84	686	12.2
16 to 19 years	8,935	3,995	44.7	3,411	313	3,098	584	43	541	14.6
20 to 24 years	3,886	2,324	59.8	2,138	763	1,376	186	40	146	8.0
Men	6,572	3,211	48.9	2,763	586	2,177	448	56	393	14.0
Women	6,249	3,108	49.7	2,787	490	2,297	322	28	294	10.3
High school	6,749	2,890	42.8	2,417	138	2,279	472	31	441	16.3
College	6,071	3,430	56.5	3,132	938	2,195	298	53	245	8.7
Full-time students	5,152	2,620	50.9	2,384	402	1,981	236	29	207	9.0
Part-time students	919	810	88.1	749	535	213	61	23	38	7.6
Black										
Total, 16 to 24 years	2,160	658	30.4	475	136	339	182	32	151	27.7
16 to 19 years	1,558	373	24.0	233	35	198	141	11	130	37.7
20 to 24 years	602	284	47.2	243	102	141	42	21	21	14.6
Men	1,038	307	29.6	217	73	144	90	19	71	29.4
Women	1,122	350	31.2	258	64	194	92	12	79	26.2
High school	1,351	304	22.5	178	19	159	126	12	115	41.5
College	809	353	43.7	297	117	180	56	20	36	15.9
Full-time students	661	234	35.4	193	36	157	41	13	28	17.5
Part-time students	148	119	80.6	104	81	23	15	7	8	12.7
Hispanic origin										
Total, 16 to 24 years	1,173	469	40.0	388	113	276	81	12	69	17.2
16 to 19 years	844	255	30.2	196	16	180	59	7	52	23.1
20 to 24 years	329	214	65.2	192	97	96	22	5	17	10.2
Men	575	229	39.8	191	65	126	38	7	31	16.6
Women	598	240	40.2	197	48	150	43	5	38	17.8
High school	736	206	28.0	159	19	140	47	7	40	22.8
College	437	263	60.3	229	94	136	34	4	30	12.9
Full-time students	327	174	53.3	154	47	107	20	1	19	11.4
Part-time students	110	89	81.2	75	47	28	14	3	11	15.7

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	January 1987									
	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	18,098	14,931	82.5	12,832	10,969	1,863	2,099	1,916	183	14.1
16 to 19 years	3,612	2,646	73.3	2,065	1,520	545	580	516	65	21.9
20 to 24 years	14,486	12,285	84.8	10,767	9,449	1,318	1,519	1,400	118	12.4
Less than 4 years of high school	4,268	2,797	65.5	2,066	1,643	423	731	664	67	26.1
4 years of high school	9,466	8,069	85.2	7,059	5,988	1,072	1,009	925	84	12.5
1 to 3 years of college	2,949	2,694	91.4	2,417	2,146	270	278	248	29	10.3
4 years of college or more	1,415	1,371	96.9	1,290	1,192	98	81	79	1	5.9
Men, 16 to 24 years	8,657	7,893	91.2	6,728	6,033	695	1,165	1,112	53	14.8
16 to 19 years	1,709	1,393	81.5	1,070	828	242	323	302	20	23.2
20 to 24 years	6,947	6,501	93.6	5,658	5,205	454	842	810	32	13.0
Less than 4 years of high school	2,229	1,841	82.6	1,386	1,182	204	455	438	17	24.7
4 years of high school	4,515	4,223	93.5	3,660	3,292	368	563	532	31	13.3
1 to 3 years of college	1,256	1,195	95.2	1,076	988	88	119	113	6	9.9
4 years of college or more	657	634	96.5	606	571	35	28	28		4.4
Women, 16 to 24 years	9,441	7,038	74.5	6,104	4,936	1,168	934	804	130	13.3
16 to 19 years	1,902	1,253	65.9	995	692	303	258	214	44	20.6
20 to 24 years	7,539	5,785	76.7	5,109	4,244	865	676	590	86	11.7
Less than 4 years of high school	2,039	956	46.9	680	462	218	276	225	51	28.9
4 years of high school	4,950	3,846	77.7	3,399	2,696	704	447	393	54	11.6
1 to 3 years of college	1,693	1,499	88.5	1,340	1,158	182	159	135	24	10.6
4 years of college or more	758	737	97.3	684	621	64	53	51	2	7.1
White										
Total, 16 to 24 years	15,147	12,755	84.2	11,233	9,683	1,550	1,522	1,394	128	11.9
16 to 19 years	2,968	2,242	75.5	1,817	1,363	454	425	376	48	18.9
20 to 24 years	12,179	10,513	86.3	9,415	8,319	1,096	1,098	1,018	79	10.4
Men	7,271	6,740	92.7	5,853	5,308	545	887	856	31	13.2
Women	7,876	6,016	76.4	5,380	4,375	1,005	635	539	97	10.6
Less than 4 years of high school	3,430	2,338	68.2	1,791	1,439	351	548	497	51	23.4
4 years of high school	7,921	6,848	86.5	6,122	5,247	875	726	665	61	10.6
1 to 3 years of college	2,491	2,296	92.2	2,113	1,880	234	183	168	15	8.0
4 years of college or more	1,305	1,273	97.5	1,207	1,117	90	66	64	1	5.2
Black										
Total, 16 to 24 years	2,587	1,888	73.0	1,348	1,070	278	540	490	50	28.6
16 to 19 years	587	361	61.5	214	132	83	147	133	13	40.6
20 to 24 years	2,000	1,528	76.4	1,134	939	195	393	357	37	25.7
Men	1,199	989	82.5	737	604	133	251	232	20	25.4
Women	1,388	900	64.8	611	466	145	289	258	30	32.1
Less than 4 years of high school	753	405	53.7	237	171	66	167	151	17	41.4
4 years of high school	1,371	1,081	78.9	814	637	176	267	246	21	24.7
1 to 3 years of college	393	339	86.3	249	217	32	90	78	12	26.7
4 years of college or more	69	63	91.5	49	46	3	15	15	-	23.4
Hispanic origin										
Total, 16 to 24 years	2,029	1,484	73.2	1,227	1,071	156	257	238	19	17.3
16 to 19 years	479	294	61.4	221	173	48	73	66	7	24.8
20 to 24 years	1,550	1,190	76.8	1,006	898	109	184	171	13	15.5
Men	1,053	940	89.3	794	727	67	146	146	-	15.5
Women	976	544	55.8	433	344	89	111	91	20	20.4
Less than 4 years of high school	1,029	663	64.4	526	452	74	137	126	11	20.6
4 years of high school	753	608	80.7	505	448	57	102	94	8	16.8
1 to 3 years of college	205	179	87.3	163	140	23	16	16	-	9.0
4 years of college or more	42	35	(²)	33	30	3	2	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							
	Jan. 1986	Jan. 1987	Total		Employed		Unemployed			
			Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Number		Percent of labor force	
							Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
VIETNAM-ERA VETERANS										
Total, 30 years and over	7,688	7,798	7,140	7,267	6,720	6,834	420	433	5.9	6.0
30 to 44 years	6,421	6,295	6,142	6,047	5,773	5,665	369	382	6.0	6.3
30 to 34 years	1,273	1,026	1,210	977	1,110	861	100	116	8.3	11.9
35 to 39 years	3,158	2,819	3,042	2,720	2,839	2,563	203	157	6.7	5.8
40 to 44 years	1,990	2,450	1,890	2,350	1,824	2,241	66	109	3.5	4.6
45 years and over	1,267	1,503	998	1,220	947	1,169	51	51	5.1	4.2
NONVETERANS										
Total, 30 to 44 years ..	17,914	18,986	16,911	18,023	15,918	16,893	993	1,130	5.9	6.3
30 to 34 years	8,252	8,698	7,801	8,271	7,333	7,717	468	554	6.0	6.7
35 to 39 years	5,465	5,993	5,169	5,684	4,875	5,344	294	340	5.7	6.0
40 to 44 years	4,197	4,295	3,941	4,068	3,710	3,832	231	236	5.9	5.8

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

are limited to those 30 to 44 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	January 1987							
	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	89,909	87,963	1,946	19,174	15,582	3,592	6,996	1,624
16 to 19 years	1,874	1,765	109	3,949	3,557	392	573	754
16 to 17 years	209	189	20	2,116	2,044	72	114	476
18 to 19 years	1,665	1,576	89	1,832	1,512	320	458	278
20 years and over	88,035	86,198	1,837	15,225	12,025	3,200	6,423	870
20 to 24 years	10,359	10,063	296	2,907	2,214	693	1,468	289
25 years and over	77,676	76,135	1,541	12,317	9,810	2,507	4,955	581
25 to 54 years	66,755	65,458	1,297	8,987	6,880	2,107	4,538	473
55 years and over	10,921	10,677	244	3,331	2,931	400	417	108
Men, 16 years and over	53,983	52,799	1,184	6,255	4,885	1,370	4,336	715
16 to 19 years	1,027	964	63	1,919	1,739	180	340	415
20 years and over	52,956	51,835	1,121	4,334	3,145	1,189	3,997	300
20 to 24 years	5,691	5,513	178	1,180	903	277	855	118
25 years and over	47,265	46,322	943	3,156	2,243	913	3,141	183
25 to 54 years	40,253	39,475	778	1,811	1,049	762	2,853	122
55 years and over	7,012	6,847	165	1,345	1,194	151	289	61
Women, 16 years and over	35,926	35,164	762	12,920	10,697	2,223	2,659	908
16 to 19 years	847	801	46	2,029	1,817	212	233	339
20 years and over	35,080	34,363	717	10,891	8,880	2,011	2,426	570
20 to 24 years	4,668	4,550	118	1,727	1,311	416	613	171
25 years and over	30,413	29,814	599	9,163	7,568	1,595	1,814	399
25 to 54 years	26,504	25,984	520	7,176	5,831	1,345	1,685	352
55 years and over	3,909	3,830	79	1,987	1,737	250	128	47
White								
Men, 16 years and over	47,655	46,629	1,026	5,435	4,363	1,072	3,423	579
16 to 19 years	903	852	51	1,711	1,564	147	262	328
20 years and over	46,752	45,777	975	3,725	2,800	925	3,162	251
20 to 24 years	4,991	4,836	155	1,012	793	219	650	96
25 years and over	41,761	40,941	820	2,713	2,006	707	2,512	155
25 to 54 years	35,442	34,757	685	1,464	885	579	2,286	99
55 years and over	6,319	6,184	135	1,249	1,121	128	226	56
Women, 16 years and over	30,396	29,771	625	11,549	9,736	1,813	1,910	713
16 to 19 years	773	736	37	1,842	1,667	175	158	261
20 years and over	29,624	29,035	589	9,708	8,070	1,638	1,752	452
20 to 24 years	4,092	3,998	94	1,460	1,122	338	409	129
25 years and over	25,531	25,036	495	8,247	6,947	1,300	1,343	324
25 to 54 years	22,092	21,666	426	6,508	5,399	1,109	1,239	284
55 years and over	3,439	3,370	69	1,739	1,548	191	104	40
Black								
Men, 16 years and over	4,793	4,664	129	622	363	259	776	113
16 to 19 years	101	89	12	146	113	33	72	72
20 years and over	4,691	4,574	117	476	250	226	703	40
20 to 24 years	576	553	23	131	83	48	179	18
25 years and over	4,116	4,022	94	343	167	176	524	22
25 to 54 years	3,575	3,505	70	266	109	157	476	16
55 years and over	541	517	24	77	58	19	48	6
Women, 16 years and over	4,367	4,252	115	1,028	686	342	687	174
16 to 19 years	65	57	8	135	102	33	72	71
20 years and over	4,302	4,195	107	893	584	309	615	103
20 to 24 years	465	441	24	205	130	75	199	39
25 years and over	3,836	3,753	83	688	453	235	418	64
25 to 54 years	3,472	3,395	77	479	292	187	404	56
55 years and over	364	358	6	209	161	48	14	8

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	January 1987									
	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	96,108	65.1	89,007	7,101	7.4	51,417	24,240	8,561	2,029	16,587
Husbands	39,520	78.3	37,644	1,877	4.7	10,953	195	183	798	9,776
With employed wife	24,395	91.8	23,389	1,006	4.1	2,167	68	102	304	1,693
With unemployed wife	1,225	91.6	1,031	194	15.8	113	-	3	14	96
With wife not in labor force	13,901	61.6	13,224	677	4.9	8,673	128	78	480	7,987
Wives	27,899	55.3	26,561	1,338	4.8	22,575	19,024	372	323	2,856
With employed husband	24,420	64.9	23,389	1,031	4.2	13,224	11,989	305	135	795
With unemployed husband	1,200	63.9	1,006	194	16.2	677	615	25	13	25
With husband not in labor force	2,280	20.8	2,167	113	5.0	8,673	6,420	42	175	2,036
Relatives in married-couple families	13,000	60.9	11,206	1,795	13.8	8,349	795	5,767	317	1,470
16 to 19 years	4,644	48.5	3,918	727	15.6	4,940	136	4,503	17	284
20 to 24 years	4,963	75.9	4,329	635	12.8	1,580	146	1,121	31	283
25 years and over	3,392	65.0	2,959	433	12.8	1,829	513	143	269	903
Women who maintain families	6,544	61.3	5,901	642	9.8	4,128	2,955	177	188	809
Relatives in families maintained by women	5,449	58.8	4,410	1,039	19.1	3,824	859	1,719	267	979
16 to 19 years	1,333	45.0	955	378	28.4	1,630	97	1,358	8	167
20 to 24 years	1,639	74.4	1,301	338	20.6	564	106	270	27	160
25 years and over	2,477	60.3	2,154	323	13.0	1,630	656	91	232	652
Men who maintain families	2,068	77.4	1,879	189	9.1	604	44	36	81	443
Relatives in families maintained by men	1,628	62.3	1,406	222	13.6	984	368	307	55	255
16 to 19 years	294	52.5	222	72	24.4	267	25	221	-	20
20 to 24 years	441	78.9	394	47	10.6	118	25	67	-	26
25 years and over	893	59.9	790	103	11.5	599	318	19	55	209

¹ Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband or wife 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	
	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
Total, 16 years and over	4,810	5,052	7.5	7.7	3,663	3,568	7.2	6.8
Married, spouse present	2,090	2,084	5.1	5.0	1,523	1,457	5.4	5.0
Widowed, divorced, or separated	592	652	9.2	10.0	777	752	7.6	7.3
Single (never married)	2,128	2,316	12.7	13.6	1,363	1,359	10.8	10.3
White, 16 years and over	3,723	4,002	6.6	7.0	2,740	2,623	6.3	5.9
Married, spouse present	1,750	1,780	4.7	4.8	1,279	1,226	5.1	4.8
Widowed, divorced, or separated	445	512	8.3	9.5	588	557	7.2	6.7
Single (never married)	1,529	1,710	10.9	11.9	874	840	8.5	7.9
Black, 16 years and over	945	888	15.2	14.1	820	861	13.5	13.8
Married, spouse present	276	229	9.0	7.3	189	192	8.3	8.2
Widowed, divorced, or separated	122	124	13.1	12.8	171	175	9.6	9.9
Single (never married)	546	535	24.6	24.2	460	494	22.7	23.0
Total, 25 years and over	3,107	3,324	5.9	6.2	2,270	2,213	5.6	5.3
Married, spouse present	1,872	1,907	4.8	4.8	1,228	1,180	4.8	4.5
Widowed, divorced, or separated	564	613	9.1	9.8	709	673	7.3	6.9
Single (never married)	670	803	9.0	10.2	334	360	6.5	6.6
White, 25 years and over	2,434	2,667	5.3	5.7	1,742	1,666	5.1	4.7
Married, spouse present	1,568	1,632	4.5	4.6	1,027	992	4.5	4.2
Widowed, divorced, or separated	417	478	8.2	9.2	530	493	6.8	6.3
Single (never married)	448	557	7.4	8.6	186	181	4.7	4.3
Black, 25 years and over	573	546	11.8	10.9	453	480	9.4	9.6
Married, spouse present	249	205	8.6	6.9	155	151	7.5	7.0
Widowed, divorced, or separated	123	123	13.3	13.2	162	160	9.3	9.4
Single (never married)	201	218	19.0	20.0	136	169	13.2	15.0

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
Total, 16 years and over	8,472	8,620	7.3	7.3	7.5	7.7	7.2	6.8
Managerial and professional specialty	609	704	2.3	2.5	2.0	2.5	2.6	2.6
Executive, administrative, and managerial	323	386	2.5	2.9	2.2	2.7	3.1	3.3
Professional specialty	286	319	2.0	2.2	1.8	2.3	2.2	2.1
Technical, sales, and administrative support	1,649	1,723	4.7	4.8	3.7	4.5	5.3	4.9
Technicians and related support	112	127	3.3	3.8	3.1	5.1	3.6	2.3
Sales occupations	706	751	5.3	5.4	3.2	3.9	7.5	7.1
Administrative support, including clerical	831	845	4.5	4.5	4.9	5.3	4.5	4.3
Service occupations	1,429	1,451	9.0	8.9	8.6	8.3	9.3	9.3
Private household	75	66	7.2	6.4	(¹)	(¹)	7.4	6.0
Protective service	104	121	5.5	6.2	5.3	5.3	7.2	11.6
Service, except private household and protective	1,251	1,264	9.6	9.5	9.8	9.3	9.5	9.7
Precision production, craft, and repair	1,175	1,153	8.3	8.0	8.1	8.0	11.0	7.6
Mechanics and repairers	247	240	5.5	5.2	5.5	5.3	4.8	2.1
Construction trades	619	643	11.8	12.0	11.6	11.8	19.7	23.1
Other precision production, craft, and repair	310	270	7.1	6.1	6.0	5.8	10.9	7.3
Operators, fabricators, and laborers	2,361	2,292	12.3	12.0	12.3	12.2	12.6	11.5
Machine operators, assemblers, and inspectors	998	941	11.3	11.0	10.5	10.7	12.4	11.4
Transportation and material moving occupations	521	517	10.6	10.1	10.7	10.3	9.8	9.1
Handlers, equipment cleaners, helpers, and laborers	842	834	15.6	15.5	15.8	15.8	14.6	13.4
Construction laborers	228	259	27.4	29.2	27.6	29.0	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	613	575	13.5	12.7	13.3	12.7	14.4	13.0
Farming, forestry, and fishing	318	324	9.7	10.6	9.8	10.0	9.5	14.1
No previous work experience	863	921						
16 to 19 years	564	537						
20 to 24 years	198	211						
25 years and over	101	174						

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	
	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
Total, 16 years and over	8,472	8,620	7.3	7.3	7.5	7.7	7.2	6.8
Nonagricultural private wage and salary workers	6,536	6,608	7.6	7.5	7.9	8.0	7.2	6.9
Mining	121	149	12.2	15.8	13.7	16.6	3.2	11.0
Construction	1,023	1,015	17.2	16.6	17.6	17.3	13.4	9.5
Manufacturing	1,731	1,618	7.8	7.5	6.9	7.0	9.7	8.6
Durable goods	1,024	972	7.7	7.5	7.2	7.2	9.1	8.3
Lumber and wood products	107	66	16.1	9.7	16.2	10.2	15.9	7.2
Furniture and fixtures	49	51	6.7	7.6	6.6	7.4	6.9	8.2
Stone, clay, and glass products	59	65	8.9	11.2	7.5	12.2	13.3	7.7
Primary metal industries	85	75	9.4	8.6	10.4	8.1	1.9	11.9
Fabricated metal products	149	140	10.7	10.9	11.2	11.4	9.0	9.4
Machinery, except electrical	168	190	6.3	7.3	5.6	7.1	8.6	7.9
Electrical machinery, equipment, and supplies	193	139	8.3	6.3	5.9	5.3	11.5	7.7
Transportation equipment	129	146	4.8	5.2	4.6	4.8	5.6	6.7
Automobiles	83	98	6.6	7.3	5.7	6.6	10.1	10.1
Other transportation equipment	46	48	3.3	3.3	3.6	3.1	1.4	3.6
Professional and photographic equipment	23	32	3.2	4.8	1.3	3.5	6.2	6.7
Other durable goods industries	64	68	12.6	12.1	12.6	10.0	12.6	14.2
Nondurable goods	707	646	8.0	7.6	6.3	6.6	10.3	8.9
Food and kindred products	205	185	10.7	10.3	8.5	9.2	15.1	12.7
Textile mill products	69	52	8.0	6.9	7.5	6.3	8.6	7.7
Apparel and other textile products	140	144	11.3	12.0	9.1	10.9	12.0	12.4
Paper and allied products	57	37	7.4	4.9	6.4	5.3	10.4	3.7
Printing and publishing	85	91	5.1	5.4	5.0	5.3	5.3	5.5
Chemicals and allied products	66	50	5.4	4.0	4.1	3.9	8.2	4.4
Rubber and miscellaneous plastics products	49	52	6.2	7.0	4.1	7.0	10.0	7.0
Other nondurable goods industries	37	36	8.2	8.9	5.9	6.8	13.1	12.2
Transportation and public utilities	317	342	5.2	5.5	5.8	5.8	3.9	4.5
Transportation	246	272	5.9	6.2	6.7	6.6	3.4	5.0
Communications and other public utilities	71	71	2.7	2.6	2.3	2.6	3.5	2.6
Wholesale and retail trade	1,723	1,824	7.9	8.1	6.6	7.2	9.3	9.2
Wholesale trade	222	235	5.2	5.4	4.3	5.0	7.4	6.4
Retail trade	1,501	1,589	8.6	8.8	7.4	7.9	9.6	9.6
Finance, insurance, and real estate	176	242	2.6	3.4	2.8	3.5	2.6	3.4
Service industries	1,445	1,418	6.3	5.9	7.1	6.6	5.9	5.5
Professional services	506	540	3.9	4.0	4.0	4.1	3.9	3.9
Other service industries	939	878	9.5	8.5	9.5	8.8	9.5	8.3
Agricultural wage and salary workers	253	256	16.0	16.1	16.5	16.0	14.3	16.5
Government, self-employed, and unpaid family workers	819	835	3.1	3.1	3.0	3.3	3.2	2.8
No previous work experience	863	921	-	-	-	-	-	-

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	
	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
NUMBER OF UNEMPLOYED												
Total unemployed	8,472	8,620	4,089	4,297	3,049	2,996	1,334	1,326	6,464	6,625	1,765	1,749
Job losers	4,452	4,662	2,853	3,097	1,297	1,279	302	286	3,496	3,644	836	886
On layoff	1,579	1,550	1,037	1,047	463	431	80	72	1,335	1,318	224	204
Other job losers	2,873	3,112	1,816	2,050	834	848	222	214	2,161	2,326	612	682
Job leavers	1,041	952	473	400	431	390	137	163	858	778	153	144
Reentrants	2,120	2,087	657	640	1,131	1,104	332	343	1,539	1,576	526	456
New entrants	861	918	105	161	191	223	564	534	571	628	250	264
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	52.5	54.1	69.7	72.1	42.6	42.7	22.6	21.5	54.1	55.0	47.4	50.7
On layoff	18.6	18.0	25.3	24.4	15.2	14.4	6.0	5.4	20.7	19.9	12.7	11.7
Other job losers	33.9	36.1	44.4	47.7	27.4	28.3	16.6	16.1	33.4	35.1	34.7	39.0
Job leavers	12.3	11.0	11.6	9.3	14.1	13.0	10.3	12.3	13.3	11.7	8.7	8.2
Reentrants	25.0	24.2	16.1	14.9	37.1	36.9	24.9	25.9	23.8	23.8	29.8	26.1
New entrants	10.2	10.7	2.6	3.7	6.3	7.4	42.3	40.3	8.8	9.5	14.1	15.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	3.9	3.9	4.7	5.0	2.7	2.6	4.3	4.0	3.5	3.6	6.8	7.1
Job leavers .....	.9	.8	.8	.6	.9	.8	2.0	2.3	.9	.8	1.2	1.1
Reentrants	1.8	1.8	1.1	1.0	2.4	2.3	4.8	4.8	1.5	1.6	4.3	3.6
New entrants .....	.7	.8	.2	.3	.4	.5	8.1	7.5	.6	.6	2.0	2.1

**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	January 1987						
	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	8,620	100.0	42.8	30.6	26.5	12.8	13.7
Job losers	4,662	100.0	37.5	33.7	28.8	12.9	15.8
On layoff	1,550	100.0	50.7	34.6	14.7	7.7	7.0
Other job losers	3,112	100.0	31.0	33.3	35.8	15.5	20.2
Job leavers	952	100.0	46.4	27.8	25.8	14.1	11.7
Reentrants	2,087	100.0	50.8	26.7	22.5	12.9	9.6
New entrants	918	100.0	48.1	26.7	25.2	10.9	14.3
Men, 20 years and over	4,297	100.0	35.9	33.5	30.6	13.7	16.9
Job losers	3,097	100.0	33.6	35.7	30.7	13.4	17.4
On layoff	1,047	100.0	47.0	38.4	14.6	7.5	7.1
Other job losers	2,050	100.0	26.7	34.3	39.0	16.4	22.6
Job leavers	400	100.0	39.6	30.2	30.2	15.3	14.8
Reentrants	640	100.0	43.9	28.2	27.8	13.9	13.9
New entrants	161	100.0	39.2	20.1	40.7	15.5	25.3
Women, 20 years and over	2,996	100.0	46.4	28.8	24.8	12.4	12.3
Job losers	1,279	100.0	42.0	30.2	27.9	13.1	14.8
On layoff	431	100.0	56.4	27.3	16.3	9.0	7.3
Other job losers	848	100.0	34.6	31.6	33.7	15.1	18.6
Job leavers	390	100.0	46.1	26.0	27.9	15.5	12.4
Reentrants	1,104	100.0	51.6	27.9	20.5	12.0	8.5
New entrants	223	100.0	46.1	30.9	23.0	5.6	17.4
Both sexes, 16 to 19 years	1,326	100.0	57.4	25.4	17.2	10.8	6.4
Job losers	286	100.0	60.6	28.2	11.2	7.3	3.9
On layoff	72	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	214	100.0	57.5	29.8	12.7	9.1	3.7
Job leavers	163	100.0	63.7	26.2	10.1	7.8	2.3
Reentrants	343	100.0	61.0	20.1	18.9	13.5	5.4
New entrants	534	100.0	51.5	27.0	21.5	11.7	9.8

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	
	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
	Total, 16 years and over	8,472	8,620	100.0	100.0	6,943	6,996	100.0	100.0
Less than 5 weeks	3,645	3,693	43.0	42.8	2,719	2,713	39.2	38.8
5 to 14 weeks	2,617	2,639	30.9	30.6	2,251	2,220	32.4	31.7
5 to 10 weeks	1,889	1,857	22.3	21.5	1,595	1,543	23.0	22.1
11 to 14 weeks	728	782	8.6	9.1	655	677	9.4	9.7
15 weeks and over	2,210	2,288	26.1	26.5	1,974	2,063	28.4	29.5
15 to 26 weeks	1,087	1,105	12.8	12.8	936	942	13.5	13.5
27 weeks and over	1,122	1,183	13.2	13.7	1,038	1,121	15.0	16.0
27 to 51 weeks	417	498	4.9	5.8	374	466	5.4	6.7
52 weeks and over	706	685	8.3	7.9	664	655	9.6	9.4
Average (mean) duration, in weeks	14.4	14.4			15.8	15.9		
Median duration, in weeks	6.6	6.8			7.6	8.0		

**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	
								Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
	January 1987										
Total, 16 years and over	8,620	3,693	2,639	1,105	1,183	14.4	6.8	43.0	42.8	26.1	26.5
16 to 19 years	1,326	762	337	143	85	8.8	4.4	54.2	57.4	15.3	17.2
20 to 24 years	1,757	814	539	226	178	12.0	5.8	47.3	46.3	20.2	23.0
25 to 34 years	2,675	1,072	895	358	350	14.4	7.3	40.5	40.1	28.4	26.5
35 to 44 years	1,496	541	481	203	271	17.9	8.9	36.4	36.2	31.0	31.7
45 to 54 years	840	310	245	95	190	18.9	8.7	37.9	37.0	33.7	33.9
55 to 64 years	451	164	124	73	89	19.3	10.2	38.1	36.5	34.8	36.0
65 years and over	75	29	20	8	19	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Men, 16 years and over	5,052	1,949	1,627	681	796	16.0	7.9	38.8	38.6	28.7	29.2
16 to 19 years	755	407	188	92	68	10.2	4.6	53.2	53.9	14.8	21.2
20 to 24 years	973	389	337	126	121	13.8	7.1	43.4	40.0	22.4	25.4
25 to 34 years	1,594	593	548	221	232	15.5	8.1	35.9	37.2	31.8	28.4
35 to 44 years	881	300	293	118	171	19.5	9.5	30.2	34.0	34.3	32.8
45 to 54 years	499	141	165	68	125	22.0	10.0	32.7	28.2	37.6	38.7
55 to 64 years	308	104	85	53	66	20.2	11.6	35.4	33.8	35.8	38.7
65 years and over	42	16	11	3	13	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,568	1,744	1,012	424	387	12.0	5.3	48.6	48.9	22.7	22.7
16 to 19 years	572	355	149	51	17	6.8	4.0	55.3	62.1	15.9	11.9
20 to 24 years	784	425	201	100	57	9.8	4.6	52.2	54.3	17.4	20.1
25 to 34 years	1,081	480	347	136	119	12.7	6.2	46.5	44.4	24.0	23.5
35 to 44 years	615	241	188	85	100	15.6	8.1	45.6	39.2	26.0	30.2
45 to 54 years	341	169	80	27	65	14.3	5.2	44.4	49.7	28.6	26.9
55 to 64 years	143	60	39	20	24	17.4	6.6	42.5	42.4	33.2	30.3
65 years and over	33	14	9	5	6	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,625	2,923	2,043	824	835	13.8	6.4	44.4	44.1	24.1	25.0
Men	4,002	1,573	1,335	519	575	15.4	7.5	40.2	39.3	26.6	27.3
Women	2,623	1,349	708	305	260	11.3	4.9	50.2	51.4	20.8	21.6
Black, 16 years and over	1,749	686	521	244	298	16.3	8.5	38.9	39.2	32.4	31.0
Men	888	326	249	131	182	18.5	9.6	34.0	36.7	35.8	35.2
Women	861	360	272	113	115	14.0	7.4	44.6	41.8	28.6	26.6
Men, 16 years and over:											
Married, spouse present	2,084	680	703	328	374	17.8	9.3	35.1	32.6	30.6	33.7
Widowed, divorced, or separated	652	231	225	73	123	17.9	8.3	34.1	35.4	36.1	30.1
Single (never married)	2,316	1,039	699	280	299	13.9	6.6	43.7	44.8	24.7	25.0
Women, 16 years and over:											
Married, spouse present	1,457	694	452	166	145	11.5	5.6	48.2	47.6	21.5	21.3
Widowed, divorced, or separated	752	311	202	108	131	15.9	7.7	45.5	41.3	31.1	31.7
Single (never married)	1,359	739	358	150	111	10.3	4.6	50.7	54.4	19.2	19.2

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	
	January 1987							Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
OCCUPATION											
Managerial and professional specialty	704	290	194	107	113	15.3	7.9	36.0	41.2	30.3	31.2
Technical, sales, and administrative support	1,723	840	434	238	211	12.8	5.3	48.4	48.7	23.4	26.1
Service occupations	1,451	685	408	170	188	13.1	5.7	45.2	47.2	23.7	24.7
Precision production, craft, and repair	1,153	439	440	125	149	14.6	7.6	39.5	38.1	28.2	23.8
Operators, fabricators, and laborers	2,292	848	783	314	347	16.0	8.1	37.9	37.0	28.8	28.8
Farming, forestry, and fishing	324	123	123	43	34	13.6	8.2	49.7	38.0	21.4	24.0
INDUSTRY¹											
Agriculture	256	108	94	31	23	12.7	7.6	52.9	42.4	17.7	21.0
Construction	1,042	405	429	92	116	13.5	7.1	38.0	38.8	22.9	20.0
Manufacturing	1,626	553	545	230	298	17.4	9.1	36.2	34.0	34.1	32.5
Durable goods	979	320	334	115	211	18.4	9.2	33.3	32.6	40.2	33.3
Nondurable goods	646	233	211	115	87	15.9	8.9	40.4	36.1	25.1	31.2
Transportation and public utilities	391	160	120	52	58	13.7	7.5	39.8	41.0	26.5	28.3
Wholesale and retail trade	1,826	922	497	233	174	12.2	4.9	48.1	50.5	22.4	22.3
Finance and service industries	1,962	885	540	258	280	14.0	6.5	43.5	45.1	25.5	27.4
Public administration	223	96	57	40	31	14.9	6.7	35.1	42.8	31.2	31.7
No previous work experience	921	444	245	100	132	14.0	5.5	50.7	48.2	23.3	25.1

¹ Includes wage and salary workers only.

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

Sex, age, and race	January 1987								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	8,620	6,970	25.0	5.9	73.5	36.5	16.5	4.5	1.62
16 to 19 years	1,326	1,237	10.9	3.0	78.3	28.1	13.7	2.5	1.37
20 to 24 years	1,757	1,487	26.8	4.4	74.2	37.7	13.4	3.2	1.60
25 to 34 years	2,675	2,053	29.3	7.2	71.9	39.9	17.2	4.5	1.70
35 to 44 years	1,496	1,152	28.6	7.1	72.5	37.6	18.1	6.9	1.71
45 to 54 years	840	647	29.2	8.8	73.6	36.8	19.6	4.3	1.72
55 to 64 years	451	343	22.2	6.1	66.2	37.0	22.4	10.2	1.64
65 years and over	75	50	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Men, 16 years and over	5,052	3,896	27.2	6.1	72.9	34.5	18.0	5.3	1.64
16 to 19 years	755	702	12.3	3.7	76.5	28.9	14.2	1.6	1.37
20 to 24 years	973	810	29.8	2.6	76.3	34.6	14.2	3.8	1.61
25 to 34 years	1,594	1,128	32.4	7.5	70.2	38.5	20.3	5.1	1.74
35 to 44 years	881	651	30.6	7.1	71.0	34.1	20.6	8.8	1.72
45 to 54 years	499	356	32.6	11.0	74.7	33.4	22.2	4.8	1.79
55 to 64 years	308	218	20.6	7.3	66.1	36.2	17.0	13.8	1.61
65 years and over	42	31	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,568	3,075	22.2	5.7	74.2	39.1	14.5	3.5	1.59
16 to 19 years	572	535	9.2	1.9	80.9	26.9	13.1	3.6	1.36
20 to 24 years	784	677	23.5	6.6	71.8	41.4	12.4	2.5	1.58
25 to 34 years	1,081	926	25.6	6.7	74.1	41.7	13.5	3.7	1.65
35 to 44 years	615	501	26.1	7.2	74.5	42.1	15.0	4.4	1.69
45 to 54 years	341	291	25.1	5.8	72.2	40.9	16.5	3.8	1.64
55 to 64 years	143	125	24.8	4.0	65.6	38.4	32.0	4.0	1.69
65 years and over	33	19	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,625	5,226	24.4	6.1	74.2	37.2	15.8	5.0	1.63
Men	4,002	2,996	26.9	6.3	74.2	34.9	16.7	5.7	1.65
Women	2,623	2,230	21.0	5.8	74.2	40.2	14.6	4.1	1.60
Black, 16 years and over	1,749	1,540	26.9	4.9	72.5	34.7	16.9	3.0	1.59
Men	888	760	29.2	4.2	70.1	33.2	20.7	4.2	1.62
Women	861	780	24.7	5.5	74.7	36.3	13.2	1.8	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	January 1987								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	8,620	6,970	25.0	5.9	73.5	36.5	16.5	4.5	1.62
Job losers ¹	4,662	3,156	31.8	6.0	75.7	36.9	18.8	4.7	1.74
Job leavers	952	978	21.7	7.7	70.0	37.5	12.9	5.2	1.55
Reentrants	2,087	1,923	19.7	6.1	71.7	38.9	15.0	4.2	1.56
New entrants	918	913	16.0	3.1	73.4	29.1	15.3	3.6	1.41
Men, 16 years and over	5,052	3,896	27.2	6.1	72.9	34.5	18.0	5.3	1.64
Job losers ¹	3,284	2,221	31.9	5.9	74.9	34.3	19.3	5.4	1.72
Job leavers	482	492	22.4	7.3	68.3	34.3	13.6	6.5	1.52
Reentrants	830	729	23.2	7.1	68.0	40.1	19.6	5.3	1.63
New entrants	456	454	15.6	3.7	75.6	26.4	14.1	2.9	1.38
Women, 16 years and over	3,568	3,075	22.2	5.7	74.2	39.1	14.5	3.5	1.59
Job losers ¹	1,378	935	31.7	6.3	77.5	43.1	17.5	2.9	1.79
Job leavers	470	486	21.0	8.0	71.6	40.7	12.3	3.9	1.58
Reentrants	1,257	1,194	17.5	5.6	73.9	38.2	12.1	3.6	1.51
New entrants	463	459	16.3	2.4	71.2	31.6	16.6	4.1	1.42

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	
	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
All industries	106,959	109,084	59,484	60,237	47,475	48,846
16 to 19 years	5,648	5,823	2,839	2,947	2,809	2,876
16 to 17 years	2,095	2,326	1,025	1,146	1,070	1,180
18 to 19 years	3,553	3,497	1,814	1,801	1,739	1,697
20 to 24 years	13,487	13,267	7,090	6,871	6,397	6,396
25 to 54 years	73,687	75,742	41,185	42,063	32,502	33,680
25 to 34 years	31,681	32,161	17,848	17,948	13,833	14,212
35 to 44 years	25,281	26,541	13,928	14,567	11,353	11,975
45 to 54 years	16,725	17,040	9,409	9,548	7,316	7,492
55 to 64 years	11,287	11,410	6,627	6,675	4,660	4,735
55 to 59 years	6,873	6,909	4,020	4,002	2,853	2,906
60 to 64 years	4,414	4,502	2,607	2,673	1,807	1,829
65 years and over	2,849	2,841	1,743	1,682	1,107	1,159
Agriculture	2,819	2,705	2,233	2,162	586	543
16 to 19 years	142	141	115	118	27	23
16 to 17 years	68	58	51	48	16	10
18 to 19 years	75	83	64	69	11	14
20 to 24 years	326	312	272	277	54	36
25 to 54 years	1,661	1,610	1,260	1,233	401	377
25 to 34 years	725	687	566	549	159	138
35 to 44 years	496	496	376	363	120	133
45 to 54 years	440	428	318	322	122	106
55 to 64 years	448	395	373	320	75	75
55 to 59 years	236	206	190	161	46	45
60 to 64 years	212	189	183	159	29	30
65 years and over	241	246	213	214	28	32
Nonagricultural industries	104,140	106,379	57,251	58,076	46,889	48,303
16 to 19 years	5,506	5,682	2,724	2,829	2,782	2,853
16 to 17 years	2,028	2,268	974	1,098	1,054	1,170
18 to 19 years	3,478	3,415	1,750	1,731	1,728	1,683
20 to 24 years	13,161	12,954	6,818	6,594	6,343	6,360
25 to 54 years	72,026	74,132	39,925	40,830	32,101	33,302
25 to 34 years	30,956	31,474	17,282	17,399	13,674	14,075
35 to 44 years	24,785	26,046	13,552	14,204	11,233	11,842
45 to 54 years	16,285	16,612	9,091	9,226	7,194	7,385
55 to 64 years	10,839	11,015	6,254	6,355	4,584	4,661
55 to 59 years	6,637	6,703	3,830	3,841	2,807	2,862
60 to 64 years	4,202	4,313	2,424	2,514	1,778	1,799
65 years and over	2,608	2,595	1,530	1,468	1,079	1,127

**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	
	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
Total	106,959	109,084	59,484	60,237	56,645	57,290	47,475	48,846	44,666	45,970
Managerial and professional specialty	26,396	27,160	14,989	15,128	14,905	15,052	11,407	12,032	11,316	11,916
Executive, administrative, and managerial	12,444	12,826	7,988	7,871	7,958	7,838	4,456	4,956	4,424	4,913
Officials and administrators, public administration	540	566	347	351	347	351	193	215	193	215
Other executive, administrative, and managerial	8,615	8,752	5,885	5,679	5,860	5,651	2,730	3,073	2,704	3,042
Management-related occupations	3,288	3,509	1,756	1,841	1,750	1,836	1,533	1,668	1,527	1,657
Professional specialty	13,952	14,333	7,001	7,257	6,947	7,214	6,951	7,076	6,892	7,003
Engineers	1,778	1,772	1,662	1,658	1,662	1,655	117	114	117	114
Mathematical and computer scientists	579	682	362	451	362	449	217	231	217	229
Natural scientists	357	331	289	257	289	257	67	75	67	75
Health diagnosing occupations	718	769	603	655	603	655	115	114	111	114
Health assessment and treating occupations	2,063	2,101	300	310	296	308	1,763	1,791	1,758	1,784
Teachers, college and university	656	679	422	444	419	444	234	234	231	229
Teachers, except college and university	3,691	3,652	961	911	953	902	2,730	2,741	2,708	2,713
Lawyers and judges	620	691	524	566	524	566	96	125	96	125
Other professional specialty occupations	3,490	3,657	1,878	2,007	1,840	1,980	1,612	1,650	1,587	1,620
Technical, sales, and administrative support	33,415	34,387	12,036	12,207	11,508	11,633	21,379	22,180	19,860	20,593
Technicians and related support	3,257	3,233	1,747	1,665	1,725	1,620	1,509	1,568	1,491	1,548
Health technologists and technicians	1,105	1,077	188	153	185	151	917	924	909	910
Engineering and science technicians	1,119	1,063	903	849	891	824	216	214	213	212
Technicians, except health, engineering, and science	1,033	1,093	656	663	650	644	376	430	368	426
Sales occupations	12,697	13,073	6,727	6,880	6,388	6,554	5,971	6,193	5,114	5,276
Supervisors and proprietors	3,462	3,490	2,417	2,395	2,391	2,373	1,045	1,095	1,030	1,078
Sales representatives, finance and business services	2,164	2,341	1,260	1,417	1,247	1,406	905	924	886	897
Sales representatives, commodities, except retail	1,453	1,391	1,235	1,151	1,231	1,143	218	240	217	236
Sales workers, retail and personal services	5,536	5,797	1,789	1,899	1,495	1,614	3,747	3,897	2,928	3,033
Sales-related occupations	82	54	26	18	25	18	55	36	54	32
Administrative support, including clerical	17,461	18,081	3,562	3,662	3,395	3,459	13,899	14,419	13,255	13,770
Supervisors	717	770	291	332	292	332	426	438	423	434
Computer equipment operators	826	849	282	291	271	278	544	558	515	529
Secretaries, stenographers, and typists	4,898	4,846	110	69	104	66	4,789	4,777	4,595	4,587
Financial records processing	2,562	2,541	258	243	255	239	2,304	2,298	2,251	2,246
Mail and message distributing	847	905	542	580	519	543	305	325	292	310
Other administrative support, including clerical	7,611	8,171	2,079	2,146	1,954	2,000	5,531	6,024	5,179	5,664
Service occupations	14,476	14,791	5,780	5,922	4,981	5,057	8,696	8,869	7,701	7,889
Private household	967	962	30	26	22	17	938	935	773	749
Protective service	1,783	1,844	1,571	1,613	1,556	1,572	212	232	205	210
Service, except private household and protective	11,726	11,985	4,180	4,283	3,403	3,468	7,546	7,702	6,723	6,930
Food service	4,992	5,088	1,879	2,004	1,318	1,403	3,112	3,084	2,548	2,556
Health service	1,829	1,853	169	179	155	158	1,660	1,673	1,551	1,583
Cleaning and building service	2,797	2,920	1,722	1,717	1,554	1,562	1,076	1,203	1,029	1,138
Personal service	2,107	2,124	409	383	375	345	1,698	1,741	1,595	1,653
Precision production, craft, and repair	12,936	13,279	11,827	12,193	11,560	11,896	1,109	1,087	1,083	1,070
Mechanics and repairers	4,265	4,412	4,114	4,252	4,026	4,154	151	160	149	158
Construction trades	4,634	4,729	4,532	4,666	4,399	4,518	102	63	100	61
Other precision production, craft, and repair	4,036	4,139	3,181	3,274	3,134	3,224	855	864	835	852
Operators, fabricators, and laborers	16,777	16,744	12,374	12,473	11,356	11,475	4,403	4,270	4,250	4,117
Machine operators, assemblers, and inspectors	7,831	7,602	4,612	4,481	4,436	4,327	3,219	3,120	3,145	3,044
Manufacturing industries	6,677	6,285	3,897	3,650	3,768	3,538	2,780	2,636	2,729	2,586
Durable goods	3,720	3,488	2,584	2,365	2,508	2,299	1,136	1,123	1,123	1,110
Nondurable goods	2,957	2,797	1,313	1,284	1,260	1,239	1,644	1,513	1,606	1,476
Nonmanufacturing industries	1,154	1,316	715	832	668	789	439	485	415	458
Transportation and material moving occupations	4,399	4,580	3,983	4,152	3,853	4,023	416	428	405	414
Motor vehicle operators	3,311	3,399	2,932	3,017	2,813	2,896	380	383	369	369
Other transportation and material moving occupations	1,088	1,180	1,051	1,135	1,040	1,127	36	45	36	45
Handlers, equipment cleaners, helpers, and laborers	4,547	4,562	3,779	3,840	3,067	3,125	768	722	700	659
Construction laborers	605	626	577	619	509	557	27	8	28	8
Other handlers, equipment cleaners, helpers, and laborers	3,942	3,936	3,201	3,221	2,558	2,568	741	714	672	651
Farming, forestry, and fishing	2,960	2,722	2,478	2,314	2,335	2,178	482	408	456	384
Farm operators and managers	1,315	1,199	1,123	1,044	1,113	1,030	192	155	192	154
Other farming, forestry, and fishing occupations	1,645	1,523	1,354	1,270	1,222	1,148	291	253	265	230

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
TOTAL						
Total, 16 years and over (thousands)	106,959	109,084	59,484	60,237	47,475	48,846
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	24.7	24.9	25.2	25.1	24.0	24.6
Executive, administrative, and managerial	11.6	11.8	13.4	13.1	9.4	10.1
Professional specialty	13.0	13.1	11.8	12.0	14.6	14.5
Technical, sales, and administrative support	31.2	31.5	20.2	20.3	45.0	45.4
Technicians and related support	3.0	3.0	2.9	2.8	3.2	3.2
Sales occupations	11.9	12.0	11.3	11.4	12.6	12.7
Administrative support, including clerical	16.3	16.6	6.0	6.1	29.3	29.5
Service occupations	13.5	13.6	9.7	9.8	18.3	18.2
Private household .....	.9	.9	.1	(¹)	2.0	1.9
Protective service	1.7	1.7	2.6	2.7	.4	.5
Service, except private household and protective	11.0	11.0	7.0	7.1	15.9	15.8
Precision production, craft, and repair	12.1	12.2	19.9	20.2	2.3	2.2
Operators, fabricators, and laborers	15.7	15.3	20.8	20.7	9.3	8.7
Machine operators, assemblers, and inspectors	7.3	7.0	7.8	7.4	6.8	6.4
Transportation and material moving occupations	4.1	4.2	6.7	6.9	.9	.9
Handlers, equipment cleaners, helpers, and laborers	4.3	4.2	6.4	6.4	1.6	1.5
Farming, forestry, and fishing	2.8	2.5	4.2	3.8	1.0	.8
White						
Total, 16 years and over (thousands)	93,421	95,036	52,583	53,090	40,838	41,946
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	25.7	25.9	26.3	26.2	24.9	25.5
Executive, administrative, and managerial	12.2	12.4	14.2	13.7	9.8	10.6
Professional specialty	13.4	13.6	12.1	12.5	15.1	14.9
Technical, sales, and administrative support	31.8	32.0	20.6	20.5	46.3	46.5
Technicians and related support	3.0	3.0	2.9	2.8	3.2	3.2
Sales occupations	12.5	12.6	12.0	12.0	13.1	13.3
Administrative support, including clerical	16.3	16.4	5.7	5.7	30.0	30.1
Service occupations	12.3	12.4	8.7	8.8	16.9	16.8
Private household .....	.7	.8	(¹)	(¹)	1.6	1.7
Protective service	1.6	1.6	2.5	2.6	.4	.4
Service, except private household and protective	10.0	10.0	6.2	6.2	14.9	14.7
Precision production, craft, and repair	12.5	12.6	20.4	20.8	2.2	2.2
Operators, fabricators, and laborers	14.8	14.5	19.6	19.6	8.6	8.1
Machine operators, assemblers, and inspectors	6.9	6.5	7.5	7.2	6.2	5.8
Transportation and material moving occupations	4.0	4.0	6.4	6.5	.9	.9
Handlers, equipment cleaners, helpers, and laborers	3.9	4.0	5.8	5.9	1.5	1.4
Farming, forestry, and fishing	2.9	2.6	4.3	4.0	1.1	.9
Black						
Total, 16 years and over (thousands)	10,531	10,809	5,264	5,415	5,267	5,394
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	15.1	15.2	12.2	12.2	18.0	18.3
Executive, administrative, and managerial	6.4	6.5	6.1	6.1	6.7	6.9
Professional specialty	8.7	8.7	6.1	6.0	11.3	11.3
Technical, sales, and administrative support	26.6	27.7	16.3	17.2	36.9	38.2
Technicians and related support	2.9	2.4	2.6	1.9	3.1	3.0
Sales occupations	6.6	7.1	4.9	5.7	8.4	8.4
Administrative support, including clerical	17.1	18.2	8.9	9.6	25.4	26.8
Service occupations	23.2	23.2	18.2	18.2	28.1	28.2
Private household	2.4	1.8	.1	.1	4.7	3.5
Protective service	2.4	2.6	4.2	4.1	.7	1.2
Service, except private household and protective	18.4	18.8	14.0	14.1	22.8	23.5
Precision production, craft, and repair	9.4	9.1	16.2	16.3	2.6	2.0
Operators, fabricators, and laborers	24.0	23.0	33.8	32.9	14.1	13.0
Machine operators, assemblers, and inspectors	10.6	10.1	10.5	10.1	10.6	10.1
Transportation and material moving occupations	5.9	6.3	10.6	11.5	1.1	1.0
Handlers, equipment cleaners, helpers, and laborers	7.5	6.7	12.7	11.4	2.4	1.9
Farming, forestry, and fishing	1.8	1.7	3.3	3.2	.2	.3

¹ Less than 0.05 percent.

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

(In thousands)

Age and sex	January 1987								
	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	98,100	1,160	16,510	80,431	8,045	233	1,335	1,271	99
16 to 19 years	5,596	232	281	5,083	75	11	117	9	16
16 to 17 years	2,222	164	91	1,966	39	7	48	3	8
18 to 19 years	3,374	68	190	3,116	37	4	69	6	8
20 to 24 years	12,648	117	1,105	11,426	290	16	247	52	13
25 to 34 years	29,426	140	4,382	24,904	2,011	38	425	248	14
35 to 44 years	23,657	200	5,059	18,397	2,313	76	223	247	26
45 to 54 years	14,959	196	3,233	11,530	1,612	41	163	256	9
55 to 64 years	9,827	164	2,068	7,595	1,160	28	113	263	19
55 to 59 years	5,996	91	1,288	4,617	695	12	67	126	13
60 to 64 years	3,831	73	781	2,978	465	16	46	137	6
65 years and over	1,988	110	381	1,497	584	23	47	197	3
Men, 16 years and over	52,675	112	7,766	44,797	5,380	20	1,064	1,071	27
16 to 19 years	2,774	38	115	2,621	52	3	99	7	11
16 to 17 years	1,071	34	47	990	26	1	40	2	6
18 to 19 years	1,703	4	68	1,631	26	3	59	5	5
20 to 24 years	6,397	8	478	5,911	192	6	219	48	9
25 to 34 years	16,086	5	2,028	14,053	1,308	5	329	219	1
35 to 44 years	12,697	33	2,374	10,290	1,507	-	164	196	3
45 to 54 years	8,124	9	1,556	6,559	1,103	-	123	199	-
55 to 64 years	5,531	9	1,021	4,502	822	2	92	229	-
55 to 59 years	3,363	5	638	2,720	476	2	50	111	-
60 to 64 years	2,168	4	383	1,781	346	-	42	118	-
65 years and over	1,066	10	194	862	397	5	38	174	2
Women, 16 years and over	45,425	1,048	8,744	35,633	2,665	214	271	201	72
16 to 19 years	2,822	194	166	2,461	24	8	18	1	5
16 to 17 years	1,150	130	44	976	13	6	8	-	2
18 to 19 years	1,671	64	122	1,485	11	1	10	1	3
20 to 24 years	6,251	109	627	5,515	98	11	28	4	4
25 to 34 years	13,339	134	2,354	10,851	702	33	96	29	12
35 to 44 years	10,960	167	2,685	8,107	806	76	59	51	23
45 to 54 years	6,835	188	1,677	4,971	509	41	41	57	9
55 to 64 years	4,296	155	1,047	3,093	339	27	21	35	19
55 to 59 years	2,632	86	650	1,897	219	10	17	15	13
60 to 64 years	1,663	69	398	1,197	119	16	4	20	6
65 years and over	922	100	187	635	187	18	8	23	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	January 1987												
	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	2,705	62	63	30	22	112		13	62	5	33	14	2,290
Mining	837	147	85	30	7	98		7	252	26	144	36	4
Construction	6,941	824	141	43	67	512		41	3,996	99	460	748	12
Manufacturing	20,416	2,304	1,645	661	703	2,455		340	3,966	6,285	798	1,184	73
Durable goods	12,319	1,456	1,167	479	291	1,428		189	2,818	3,488	412	521	70
Nondurable goods	8,097	848	478	183	412	1,028		151	1,148	2,797	385	663	3
Transportation and public utilities	7,731	782	468	264	318	2,066		255	1,353	112	1,648	456	9
Wholesale and retail trade	22,620	1,836	428	97	9,251	2,443		4,159	1,494	282	914	1,685	31
Wholesale trade	4,384	488	92	41	1,605	891		41	322	131	490	276	8
Retail trade	18,236	1,348	336	56	7,646	1,552		4,118	1,172	151	424	1,409	23
Finance, insurance, and real estate	7,598	1,873	150	136	1,867	3,024	-	306	121	23	13	28	56
Services	35,117	3,916	10,608	1,763	817	5,923	962	7,449	1,815	749	523	366	227
Private households	1,173	6	9	6	-	1	962	99	15	6	9	33	27
Other service industries	33,944	3,910	10,599	1,758	817	5,922	-	7,350	1,800	743	514	333	200
Professional services	22,997	2,170	9,487	1,458	167	4,358		4,331	392	205	295	80	54
Public administration	5,118	1,081	744	208	21	1,448		1,259	222	21	48	45	20

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					
	Jan. 1986	Jan. 1987	Total		Wage and salary workers ¹			
			Jan. 1986	Jan. 1987	Paid absences		Unpaid absences	
					Jan. 1986	Jan. 1987	Jan. 1986	Jan. 1987
Total, 16 years and over	3,907	3,859	3,750	3,705	1,411	1,385	1,850	1,769
Vacation	1,184	1,211	1,143	1,173	632	676	384	359
Illness	1,426	1,361	1,389	1,334	569	498	726	699
Bad weather	162	256	128	211	(²)	(²)	(²)	(²)
Industrial dispute	16	42	16	42	(²)	(²)	(²)	(²)
All other reasons	1,120	989	1,075	946	211	212	740	711
Men, 16 years and over	2,104	2,039	1,984	1,909	824	733	857	839
Vacation	660	662	631	638	391	391	179	167
Illness	786	701	758	676	357	256	341	348
All other reasons ³	658	677	594	595	76	86	337	325
Women, 16 years and over	1,802	1,820	1,767	1,796	587	652	994	931
Vacation	523	549	513	535	240	284	205	193
Illness	640	661	630	658	211	242	385	352
All other reasons ³	640	610	625	603	135	125	404	386

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	January 1987					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	105,224	2,551	102,673	100.0	100.0	100.0
1 to 34 hours	25,262	888	24,374	24.0	34.8	23.7
1 to 4 hours	888	61	827	.8	2.4	.8
5 to 14 hours	4,752	234	4,518	4.5	9.2	4.4
15 to 29 hours	12,706	428	12,278	12.1	16.8	12.0
30 to 34 hours	6,916	165	6,751	6.6	6.5	6.6
35 hours and over	79,962	1,663	78,299	76.0	65.2	76.3
35 to 39 hours	7,331	119	7,212	7.0	4.7	7.0
40 hours	43,101	559	42,542	41.0	21.9	41.4
41 hours and over	29,530	985	28,545	28.1	38.6	27.8
41 to 48 hours	11,134	197	10,937	10.6	7.7	10.7
49 to 59 hours	10,853	342	10,512	10.3	13.4	10.2
60 hours and over	7,543	446	7,096	7.2	17.5	6.9
Average hours, total at work	38.8	39.8	38.8			
Average hours, workers on full-time schedules	43.3	47.5	43.2			

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

(Numbers in thousands)

Reason for working less than 35 hours	January 1987					
	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	25,262	7,217	18,045	24,374	6,827	17,547
Economic reasons	5,538	1,946	3,592	5,263	1,796	3,467
Slack work	2,770	1,656	1,114	2,557	1,515	1,042
Material shortages or repairs to plant and equipment	39	39	-	36	36	-
New job started during week	155	155	-	154	154	-
Job terminated during week	97	97	-	91	91	-
Could find only part-time work	2,479	-	2,479	2,425	-	2,425
Other reasons	19,724	5,271	14,453	19,110	5,030	14,080
Does not want, or unavailable for, full-time work	11,957	-	11,957	11,704	-	11,704
Vacation	775	775	-	773	773	-
Illness	2,076	1,935	141	2,048	1,915	133
Bad weather	779	779	-	657	657	-
Industrial dispute	3	3	-	3	3	-
Legal or religious holiday	251	251	-	251	251	-
Full time for this job	1,732	-	1,732	1,696	-	1,696
All other reasons	2,149	1,527	622	1,978	1,432	546
Average hours:						
Economic reasons	21.8	23.7	20.7	21.9	24.0	20.8
Other reasons	20.7	25.9	18.8	20.8	26.1	18.9
Worked 30 to 34 hours:						
Economic reasons	1,658	784	874	1,613	757	856
Other reasons	5,258	2,707	2,551	5,138	2,631	2,507

**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	January 1987								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	102,673	5,263	14,080	83,330	54,785	10,937	17,608	38.8	43.2
Wage and salary workers	94,911	4,613	12,755	77,543	52,109	10,382	15,052	38.7	42.9
Mining	765	50	20	695	398	109	188	43.5	45.7
Construction	5,357	373	274	4,710	3,473	498	739	38.8	41.3
Manufacturing	19,436	539	631	18,266	12,032	3,009	3,225	41.6	42.9
Durable goods	11,737	199	300	11,238	7,274	1,881	2,083	42.1	43.0
Nondurable goods	7,699	342	331	7,026	4,756	1,128	1,142	40.8	42.7
Transportation and public utilities	7,077	244	368	6,465	4,277	870	1,318	41.5	43.6
Wholesale and retail trade	20,031	1,547	4,603	13,881	8,609	2,094	3,178	36.4	43.6
Finance, insurance, and real estate	6,842	137	650	6,055	4,150	767	1,138	40.0	42.5
Service industries	30,420	1,663	5,965	22,792	15,638	2,555	4,599	36.9	42.8
Private households	1,135	200	517	418	265	46	107	25.8	45.8
All other industries	29,285	1,463	5,448	22,374	15,373	2,509	4,492	37.3	42.7
Public administration	4,983	58	244	4,681	3,535	480	666	40.8	42.1
Self-employed workers	7,529	639	1,232	5,658	2,613	547	2,498	40.4	47.7
Unpaid family workers	233	11	93	129	64	8	57	37.6	50.0

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

(Numbers in thousands)

Sex, age, race, and marital status	January 1987							
	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	102,673	5,263	14,080	83,330	54,785	28,545	38.8	43.2
16 to 19 years	5,492	488	3,351	1,653	1,305	348	23.3	39.8
16 to 17 years	2,193	91	1,930	172	139	33	16.3	37.6
18 to 19 years	3,299	396	1,422	1,481	1,164	317	28.0	40.0
20 years and over	97,181	4,775	10,729	81,677	53,480	28,197	39.7	43.3
20 to 24 years	12,526	957	2,021	9,548	6,805	2,743	36.8	41.8
25 years and over	84,655	3,818	8,708	72,129	46,674	25,455	40.0	43.5
25 to 44 years	55,762	2,549	4,821	48,392	30,770	17,622	40.6	43.6
45 to 64 years	26,472	1,140	2,715	22,617	15,107	7,510	40.0	43.2
65 years and over	2,420	130	1,172	1,118	796	322	28.9	42.2
Men, 16 years and over	56,166	2,346	4,268	49,552	29,397	20,155	41.6	44.6
16 to 19 years	2,753	231	1,636	886	670	216	24.0	40.1
16 to 17 years	1,067	47	919	101	84	17	17.0	37.5
18 to 19 years	1,686	185	718	783	585	198	28.5	40.5
20 years and over	53,413	2,114	2,631	48,668	28,729	19,939	42.5	44.6
20 to 24 years	6,376	426	816	5,134	3,427	1,707	38.4	42.6
25 years and over	47,038	1,687	1,815	43,536	25,302	18,234	43.1	44.9
25 to 44 years	30,739	1,190	674	28,875	16,421	12,454	43.7	45.1
45 to 64 years	14,912	422	541	13,949	8,404	5,545	43.0	44.6
65 years and over	1,386	76	599	711	477	234	30.6	42.5
Women, 16 years and over	46,507	2,917	9,813	33,777	25,387	8,390	35.4	41.2
16 to 19 years	2,739	256	1,715	768	635	133	22.6	39.3
16 to 17 years	1,126	45	1,011	70	54	16	15.7	(¹)
18 to 19 years	1,613	212	704	697	579	118	27.4	39.5
20 years and over	43,768	2,661	8,098	33,009	24,752	8,257	36.2	41.3
20 to 24 years	6,151	531	1,204	4,416	3,380	1,036	35.2	40.9
25 years and over	37,617	2,131	6,894	28,592	21,372	7,220	36.3	41.3
25 to 44 years	25,024	1,358	4,147	19,519	14,350	5,169	36.8	41.4
45 to 64 years	11,560	718	2,174	8,668	6,701	1,967	36.0	41.2
65 years and over	1,034	54	573	407	320	87	26.6	41.6
RACE								
White, 16 years and over	89,304	4,298	12,724	72,282	46,253	26,029	38.9	43.4
Men	49,383	1,922	3,801	43,660	25,158	18,502	41.9	44.8
Women	39,921	2,375	8,923	28,623	21,095	7,528	35.2	41.4
Black, 16 years and over	10,249	818	953	8,478	6,718	1,760	37.8	41.4
Men	5,110	363	320	4,427	3,288	1,139	39.3	42.2
Women	5,139	455	633	4,051	3,430	621	36.3	40.4
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	36,956	1,088	1,297	34,571	19,620	14,951	43.5	45.1
Widowed, divorced, or separated	5,440	279	247	4,914	2,957	1,957	42.1	44.4
Single (never married)	13,770	978	2,724	10,068	6,821	3,247	36.4	42.8
Women, 16 years and over:								
Married, spouse present	26,005	1,480	5,819	18,706	14,205	4,501	35.2	41.0
Widowed, divorced, or separated	9,104	620	1,115	7,369	5,404	1,965	37.7	41.7
Single (never married)	11,398	817	2,879	7,702	5,779	1,923	33.9	41.3

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	January 1987								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over ¹	102,672	5,248	14,071	83,353	54,742	10,955	17,656	38.8	43.2
Managerial and professional specialty	26,340	531	2,394	23,415	13,185	3,029	7,201	42.2	45.0
Executive, administrative, and managerial	12,467	148	652	11,667	6,121	1,624	3,922	44.2	45.8
Professional specialty	13,873	384	1,742	11,748	7,064	1,405	3,279	40.4	44.2
Technical, sales, and administrative support	33,292	1,421	5,635	26,235	18,276	3,273	4,686	37.6	42.5
Technicians and related support	3,119	62	375	2,683	1,925	386	372	39.3	42.2
Sales occupations	12,601	768	2,460	9,373	5,027	1,240	3,106	38.9	45.5
Administrative support, including clerical	17,572	591	2,800	14,180	11,324	1,647	1,208	36.5	40.5
Service occupations	14,278	1,510	4,112	8,656	6,391	951	1,315	33.0	42.0
Private household	942	148	438	356	228	45	83	26.1	45.4
Protective service	1,787	53	163	1,571	967	255	349	41.4	44.6
Service, except private household and protective	11,550	1,309	3,510	6,730	5,196	651	883	32.3	41.3
Precision production, craft, and repair	12,727	683	445	11,598	7,650	1,717	2,231	41.0	42.9
Operators, fabricators, and laborers	16,036	1,102	1,484	13,449	9,240	1,985	2,224	39.0	42.6
Machine operators, assemblers, and inspectors	7,328	395	315	6,618	4,798	1,031	789	40.0	41.8
Transportation and material moving occupations	4,355	253	378	3,723	2,085	537	1,102	41.6	45.3
Handlers, equipment cleaners, helpers, and laborers	4,352	453	792	3,108	2,357	417	333	34.8	41.2
Men, 16 years and over ¹	56,036	2,317	4,227	49,493	29,307	6,891	13,294	41.7	44.6
Managerial and professional specialty	14,742	231	664	13,847	6,843	1,741	5,263	44.9	46.6
Executive, administrative, and managerial	7,662	81	250	7,332	3,392	975	2,964	46.0	47.2
Professional specialty	7,080	151	414	6,515	3,451	766	2,298	43.7	45.8
Technical, sales, and administrative support	11,882	281	998	10,603	5,861	1,502	3,241	42.6	45.4
Technicians and related support	1,615	23	98	1,493	1,002	213	279	41.6	43.4
Sales occupations	6,679	175	582	5,922	2,619	808	2,495	44.5	47.7
Administrative support, including clerical	3,589	83	318	3,188	2,240	481	467	39.6	42.1
Service occupations	5,768	440	1,147	4,182	2,892	531	758	36.6	43.2
Private household	26	1	14	12	4	-	8	(²)	(²)
Protective service	1,568	42	107	1,419	853	229	337	42.5	45.0
Service, except private household and protective	4,174	397	1,026	2,751	2,035	303	412	34.3	42.2
Precision production, craft, and repair	11,684	600	349	10,735	7,011	1,612	2,112	41.3	43.0
Operators, fabricators, and laborers	11,960	765	1,068	10,126	6,700	1,505	1,921	39.6	43.2
Machine operators, assemblers, and inspectors	4,334	185	146	4,004	2,772	643	589	40.9	42.4
Transportation and material moving occupations	3,957	217	231	3,509	1,950	514	1,044	42.6	45.5
Handlers, equipment cleaners, helpers, and laborers	3,669	363	692	2,614	1,977	348	288	34.7	41.2
Women, 16 years and over ¹	46,636	2,931	9,844	33,861	25,435	4,064	4,362	35.4	41.3
Managerial and professional specialty	11,598	300	1,730	9,568	6,342	1,288	1,938	38.7	42.7
Executive, administrative, and managerial	4,805	67	402	4,335	2,729	649	958	41.2	43.4
Professional specialty	6,794	233	1,328	5,233	3,613	639	980	36.9	42.2
Technical, sales, and administrative support	21,409	1,141	4,637	15,632	12,415	1,772	1,445	34.9	40.5
Technicians and related support	1,505	38	277	1,190	923	174	93	36.9	40.7
Sales occupations	5,922	594	1,878	3,451	2,408	432	611	32.6	41.8
Administrative support, including clerical	13,983	509	2,483	10,991	9,084	1,166	741	35.7	40.1
Service occupations	8,510	1,070	2,964	4,475	3,498	419	557	30.6	41.0
Private household	915	147	425	344	224	46	75	25.8	44.8
Protective service	218	11	56	152	114	26	12	33.5	41.1
Service, except private household and protective	7,376	913	2,484	3,979	3,161	348	471	31.1	40.6
Precision production, craft, and repair	1,043	83	96	863	639	105	119	37.6	41.2
Operators, fabricators, and laborers	4,076	337	416	3,323	2,540	480	303	37.5	41.0
Machine operators, assemblers, and inspectors	2,994	211	169	2,614	2,026	388	201	38.7	40.8
Transportation and material moving occupations	398	36	147	215	134	23	58	32.1	43.4
Handlers, equipment cleaners, helpers, and laborers	683	90	99	494	380	69	45	35.3	40.9

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	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
TOTAL													
Noninstitutional population ¹	181,361	181,512	181,678	181,843	181,998	182,183	182,354	182,525	182,713	182,935	183,114	183,297	183,575
Labor force ¹	118,485	118,733	118,880	118,987	119,274	119,685	119,789	119,821	119,988	120,163	120,426	120,336	120,782
Percent of population ²	65.3	65.4	65.4	65.4	65.5	65.7	65.7	65.6	65.7	65.7	65.8	65.7	65.8
Total employed ¹	110,583	110,248	110,500	110,664	110,852	111,293	111,559	111,764	111,703	111,941	112,183	112,387	112,759
Employment-population ratio ³	61.0	60.7	60.8	60.9	60.9	61.1	61.2	61.2	61.1	61.2	61.3	61.3	61.4
Resident Armed Forces	1,691	1,691	1,693	1,695	1,687	1,680	1,672	1,697	1,716	1,749	1,751	1,750	1,748
Civilian employed	108,892	108,557	108,807	108,969	109,165	109,613	109,887	110,067	109,987	110,192	110,432	110,637	111,011
Agriculture	3,280	3,105	3,252	3,199	3,151	3,164	3,124	3,057	3,142	3,162	3,215	3,161	3,145
Nonagricultural industries	105,612	105,452	105,555	105,770	106,014	106,449	106,763	107,010	106,845	107,030	107,217	107,476	107,866
Unemployed	7,902	8,485	8,380	8,323	8,422	8,392	8,230	8,057	8,285	8,222	8,243	7,949	8,023
Unemployment rate ⁴	6.7	7.1	7.0	7.0	7.1	7.0	6.9	6.7	6.9	6.8	6.8	6.8	6.6
Not in labor force	62,876	62,779	62,798	62,856	62,724	62,498	62,565	62,704	62,725	62,772	62,688	62,961	62,793
Men													
Noninstitutional population ¹	86,882	86,954	87,035	87,120	87,195	87,288	87,373	87,460	87,556	87,682	87,773	87,868	88,020
Labor force ¹	66,666	66,737	66,793	66,770	66,854	66,937	66,968	66,911	67,128	67,130	67,407	67,425	67,672
Percent of population ²	76.7	76.7	76.7	76.6	76.7	76.7	76.6	76.5	76.7	76.6	76.8	76.7	76.9
Total employed ¹	62,392	62,142	62,221	62,253	62,201	62,318	62,402	62,483	62,528	62,565	62,833	62,986	63,187
Employment-population ratio ³	71.8	71.5	71.5	71.5	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.7	71.8
Resident Armed Forces	1,539	1,539	1,540	1,541	1,533	1,525	1,518	1,541	1,560	1,590	1,592	1,593	1,591
Civilian employed	60,853	60,603	60,681	60,712	60,668	60,793	60,884	60,942	60,968	60,975	61,241	61,393	61,596
Unemployed	4,274	4,595	4,572	4,517	4,653	4,619	4,566	4,428	4,600	4,565	4,574	4,439	4,484
Unemployment rate ⁴	6.4	6.9	6.8	6.8	7.0	6.9	6.8	6.6	6.9	6.8	6.8	6.6	6.6
Not in labor force	20,216	20,217	20,242	20,350	20,341	20,351	20,405	20,549	20,428	20,552	20,366	20,443	20,348
Women													
Noninstitutional population ¹	94,479	94,558	94,643	94,723	94,803	94,895	94,981	95,065	95,156	95,253	95,341	95,429	95,556
Labor force ¹	51,819	51,996	52,087	52,217	52,420	52,748	52,821	52,910	52,860	53,033	53,019	52,911	53,110
Percent of population ²	54.8	55.0	55.0	55.1	55.3	55.6	55.6	55.7	55.6	55.7	55.6	55.4	55.6
Total employed ¹	48,191	48,106	48,279	48,411	48,651	48,975	49,157	49,281	49,175	49,376	49,350	49,401	49,572
Employment-population ratio ³	51.0	50.9	51.0	51.1	51.3	51.6	51.8	51.8	51.7	51.8	51.8	51.8	51.9
Resident Armed Forces	152	152	153	154	154	155	154	156	156	159	159	157	157
Civilian employed	48,039	47,954	48,126	48,257	48,497	48,820	49,003	49,125	49,019	49,217	49,191	49,244	49,415
Unemployed	3,628	3,890	3,808	3,806	3,769	3,773	3,664	3,629	3,685	3,657	3,669	3,510	3,538
Unemployment rate ⁴	7.0	7.5	7.3	7.3	7.2	7.2	6.9	6.9	7.0	6.9	6.9	6.6	6.7
Not in labor force	42,660	42,562	42,556	42,506	42,383	42,147	42,160	42,155	42,296	42,220	42,322	42,518	42,446

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	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
TOTAL													
Civilian noninstitutional population ¹	179,670	179,821	179,985	180,148	180,311	180,503	180,682	180,828	180,997	181,186	181,363	181,547	181,827
Civilian labor force	116,794	117,042	117,187	117,292	117,587	118,005	118,117	118,124	118,272	118,414	118,675	118,586	119,034
Percent of population	65.0	65.1	65.1	65.1	65.2	65.4	65.4	65.3	65.3	65.4	65.4	65.3	65.5
Employed	108,892	108,557	108,807	108,969	109,165	109,613	109,887	110,067	109,987	110,192	110,432	110,637	111,011
Employment-population ratio ²	60.6	60.4	60.5	60.5	60.5	60.7	60.8	60.9	60.8	60.8	60.9	60.9	61.1
Unemployed	7,902	8,485	8,380	8,323	8,422	8,392	8,230	8,057	8,285	8,222	8,243	7,949	8,023
Unemployment rate	6.8	7.2	7.2	7.1	7.2	7.1	7.0	6.8	7.0	6.9	6.9	6.7	6.7
Men, 20 years and over													
Civilian noninstitutional population ¹	78,101	78,171	78,236	78,309	78,387	78,484	78,586	78,634	78,722	78,802	78,874	78,973	79,132
Civilian labor force	61,143	61,092	61,177	61,080	61,158	61,330	61,355	61,219	61,412	61,409	61,703	61,826	61,948
Percent of population	78.3	78.2	78.2	78.0	78.0	78.1	78.1	77.9	78.0	77.9	78.2	78.3	78.3
Employed	57,599	57,296	57,388	57,392	57,338	57,522	57,544	57,585	57,607	57,595	57,883	58,101	58,227
Employment-population ratio ²	73.7	73.3	73.4	73.3	73.1	73.3	73.2	73.2	73.2	73.1	73.4	73.6	73.6
Agriculture	2,340	2,261	2,389	2,319	2,279	2,309	2,275	2,185	2,286	2,297	2,303	2,289	2,254
Nonagricultural industries	55,259	55,035	54,999	55,073	55,059	55,213	55,269	55,400	55,321	55,298	55,580	55,812	55,974
Unemployed	3,544	3,796	3,789	3,688	3,820	3,808	3,811	3,634	3,805	3,814	3,820	3,725	3,720
Unemployment rate	5.8	6.2	6.2	6.0	6.2	6.2	6.2	5.9	6.2	6.2	6.2	6.0	6.0
Not in labor force	16,958	17,079	17,059	17,229	17,229	17,154	17,231	17,415	17,310	17,393	17,171	17,147	17,184
Women, 20 years and over													
Civilian noninstitutional population ¹	87,112	87,185	87,263	87,355	87,444	87,547	87,629	87,689	87,779	87,856	87,933	88,016	88,150
Civilian labor force	47,897	48,009	48,065	48,181	48,433	48,739	48,879	48,950	48,920	49,014	49,043	48,923	49,161
Percent of population	55.0	55.1	55.1	55.2	55.4	55.7	55.8	55.8	55.7	55.8	55.8	55.6	55.8
Employed	44,952	44,820	44,934	45,094	45,335	45,657	45,869	45,956	45,905	46,020	46,067	46,058	46,261
Employment-population ratio ²	51.6	51.4	51.5	51.6	51.8	52.2	52.3	52.4	52.3	52.4	52.4	52.3	52.5
Agriculture	677	591	589	585	604	583	607	622	614	612	675	621	628
Nonagricultural industries	44,275	44,229	44,345	44,509	44,731	45,074	45,262	45,334	45,291	45,408	45,392	45,437	45,633
Unemployed	2,945	3,189	3,131	3,087	3,098	3,082	3,010	2,994	3,015	2,994	2,976	2,865	2,900
Unemployment rate	6.1	6.6	6.5	6.4	6.4	6.3	6.2	6.1	6.2	6.1	6.1	5.9	5.9
Not in labor force	39,215	39,176	39,198	39,174	39,011	38,808	38,750	38,739	38,859	38,842	38,890	39,093	38,989
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	14,458	14,465	14,485	14,484	14,480	14,472	14,467	14,505	14,496	14,527	14,557	14,558	14,545
Civilian labor force	7,754	7,941	7,945	8,031	7,996	7,936	7,883	7,955	7,940	7,991	7,929	7,837	7,926
Percent of population	53.6	54.9	54.9	55.4	55.2	54.8	54.5	54.8	54.8	55.0	54.5	53.8	54.5
Employed	6,341	6,441	6,485	6,483	6,492	6,434	6,474	6,526	6,475	6,577	6,482	6,478	6,524
Employment-population ratio ²	43.9	44.5	44.8	44.8	44.8	44.5	44.8	45.0	44.7	45.3	44.5	44.5	44.9
Agriculture	263	253	274	295	268	272	242	250	242	253	237	251	264
Nonagricultural industries	6,078	6,188	6,211	6,188	6,224	6,162	6,232	6,276	6,233	6,324	6,245	6,227	6,260
Unemployed	1,413	1,500	1,460	1,548	1,504	1,502	1,409	1,429	1,465	1,414	1,447	1,359	1,402
Unemployment rate	18.2	18.9	18.4	19.3	18.8	18.9	17.9	18.0	18.5	17.7	18.2	17.3	17.7
Not in labor force	6,704	6,524	6,540	6,453	6,484	6,536	6,584	6,550	6,556	6,536	6,628	6,721	6,619

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	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
WHITE													
Civilian noninstitutional population ¹	154,784	154,889	155,005	155,122	155,236	155,376	155,502	155,604	155,723	155,856	155,979	156,111	156,313
Civilian labor force	100,993	101,178	101,208	101,237	101,531	101,946	102,015	102,122	102,158	102,297	102,455	102,503	102,746
Percent of population	65.2	65.3	65.3	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
Employed	95,099	94,780	94,955	95,095	95,283	95,720	95,861	96,177	96,000	96,147	96,281	96,533	96,717
Employment-population ratio ²	61.4	61.2	61.3	61.3	61.4	61.6	61.6	61.8	61.6	61.7	61.7	61.8	61.9
Unemployed	5,894	6,398	6,253	6,142	6,248	6,226	6,154	5,945	6,158	6,150	6,174	5,970	6,029
Unemployment rate	5.8	6.3	6.2	6.1	6.2	6.1	6.0	5.8	6.0	6.0	6.0	5.8	5.9
Men, 20 years and over													
Civilian labor force	53,558	53,538	53,532	53,444	53,532	53,651	53,639	53,583	53,727	53,757	54,015	54,172	54,182
Percent of population	78.6	78.6	78.5	78.3	78.4	78.5	78.4	78.2	78.4	78.3	78.7	78.8	78.7
Employed	50,864	50,629	50,615	50,663	50,628	50,762	50,731	50,877	50,845	50,845	51,089	51,286	51,297
Employment-population ratio ²	74.7	74.3	74.2	74.2	74.1	74.2	74.1	74.3	74.2	74.1	74.4	74.6	74.5
Unemployed	2,694	2,909	2,917	2,781	2,904	2,889	2,908	2,706	2,882	2,912	2,926	2,886	2,885
Unemployment rate	5.0	5.4	5.4	5.2	5.4	5.4	5.4	5.1	5.4	5.4	5.4	5.3	5.3
Women, 20 years and over													
Civilian labor force	40,724	40,750	40,826	40,890	41,103	41,424	41,584	41,640	41,547	41,598	41,540	41,514	41,680
Percent of population	54.4	54.4	54.5	54.5	54.8	55.1	55.3	55.4	55.2	55.2	55.1	55.0	55.2
Employed	38,535	38,365	38,519	38,651	38,854	39,179	39,368	39,466	39,365	39,431	39,399	39,456	39,568
Employment-population ratio ²	51.5	51.2	51.4	51.5	51.8	52.2	52.4	52.5	52.3	52.3	52.3	52.3	52.4
Unemployed	2,189	2,385	2,307	2,239	2,249	2,245	2,216	2,174	2,182	2,167	2,141	2,058	2,111
Unemployment rate	5.4	5.9	5.7	5.5	5.5	5.4	5.3	5.2	5.3	5.2	5.2	5.0	5.1
Both sexes, 16 to 19 years													
Civilian labor force	6,711	6,890	6,850	6,903	6,896	6,871	6,792	6,899	6,884	6,942	6,900	6,817	6,885
Percent of population	56.6	58.1	57.8	58.1	58.1	57.9	57.2	58.1	57.9	58.4	58.0	57.3	57.8
Employed	5,700	5,786	5,821	5,781	5,801	5,779	5,762	5,834	5,790	5,871	5,793	5,791	5,852
Employment-population ratio ²	48.0	48.8	49.1	48.7	48.8	48.7	48.5	49.1	48.7	49.4	48.7	48.7	49.2
Unemployed	1,011	1,104	1,029	1,122	1,095	1,092	1,030	1,065	1,094	1,071	1,107	1,026	1,033
Unemployment rate	15.1	16.0	15.0	16.3	15.9	15.9	15.2	15.4	15.9	15.4	16.0	15.1	15.0
Men	15.0	16.6	15.9	17.1	17.0	17.1	15.6	16.6	16.6	15.7	16.3	15.5	16.1
Women	15.1	15.4	14.1	15.4	14.7	14.6	14.7	14.2	15.1	15.2	15.7	14.6	13.8
BLACK													
Civilian noninstitutional population ¹	19,837	19,863	19,889	19,916	19,943	19,974	20,002	20,028	20,056	20,089	20,120	20,152	20,187
Civilian labor force	12,561	12,572	12,634	12,687	12,721	12,712	12,611	12,553	12,652	12,720	12,719	12,707	12,831
Percent of population	63.3	63.3	63.5	63.7	63.8	63.6	63.0	62.7	63.1	63.3	63.2	63.1	63.6
Employed	10,723	10,704	10,770	10,809	10,839	10,818	10,822	10,716	10,799	10,895	10,910	10,968	10,997
Employment-population ratio ²	54.1	53.9	54.2	54.3	54.3	54.2	54.1	53.5	53.8	54.2	54.2	54.4	54.5
Unemployed	1,838	1,868	1,864	1,878	1,882	1,894	1,789	1,837	1,853	1,825	1,809	1,739	1,833
Unemployment rate	14.6	14.9	14.8	14.8	14.8	14.9	14.2	14.6	14.6	14.3	14.2	13.7	14.3
Men, 20 years and over													
Civilian labor force	5,890	5,866	5,902	5,904	5,924	5,948	5,939	5,885	5,906	5,932	5,934	5,947	5,986
Percent of population	75.2	74.7	75.1	75.0	75.1	75.3	75.0	74.2	74.4	74.6	74.5	74.5	74.9
Employed	5,131	5,088	5,149	5,149	5,161	5,157	5,170	5,110	5,116	5,153	5,171	5,244	5,256
Employment-population ratio ²	65.5	64.8	65.5	65.4	65.4	65.3	65.3	64.5	64.5	64.8	65.0	65.7	65.7
Unemployed	759	778	753	755	763	791	769	775	790	779	763	703	730
Unemployment rate	12.9	13.3	12.8	12.8	12.9	13.3	12.9	13.2	13.4	13.1	12.9	11.8	12.2
Women, 20 years and over													
Civilian labor force	5,772	5,792	5,799	5,853	5,876	5,848	5,848	5,841	5,872	5,909	5,943	5,907	5,984
Percent of population	58.5	58.6	58.6	59.1	59.2	58.8	58.6	58.6	58.8	59.1	59.3	58.9	59.6
Employed	5,066	5,068	5,084	5,120	5,130	5,107	5,141	5,112	5,145	5,178	5,200	5,182	5,221
Employment-population ratio ²	51.4	51.3	51.4	51.7	51.7	51.4	51.6	51.3	51.5	51.8	51.9	51.7	52.0
Unemployed	706	724	715	733	746	741	707	729	727	731	743	725	763
Unemployment rate	12.2	12.5	12.3	12.5	12.7	12.7	12.1	12.5	12.4	12.4	12.5	12.3	12.8

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	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	899	914	933	930	921	916	824	827	874	879	842	853	860
Percent of population ..	42.0	42.8	43.7	43.5	43.2	42.9	38.7	38.8	40.9	41.1	39.3	39.8	40.1
Employed	526	548	537	540	548	554	511	494	538	564	539	542	520
Employment-population ratio ² ..	24.6	25.6	25.2	25.3	25.7	26.0	24.0	23.1	25.2	26.3	25.1	25.3	24.2
Unemployed	373	366	396	390	373	362	313	333	336	315	303	311	340
Unemployment rate ..	41.5	40.0	42.4	41.9	40.5	39.5	38.0	40.3	38.4	35.8	36.0	36.5	39.5
Men	41.1	39.5	42.6	41.2	40.5	39.7	40.5	38.8	38.6	37.8	35.0	36.1	36.5
Women ..	41.9	40.7	42.2	42.7	40.5	39.4	35.0	41.9	38.3	33.8	37.0	36.9	43.2
HISPANIC ORIGIN													
Civilian noninstitutional population ¹ ..	12,148	12,184	12,219	12,255	12,290	12,326	12,362	12,397	12,432	12,469	12,505	12,540	12,653
Civilian labor force	7,796	7,922	7,926	7,969	8,006	8,085	8,121	8,130	8,179	8,200	8,226	8,320	8,431
Percent of population ..	64.2	65.0	64.9	65.0	65.1	65.6	65.7	65.6	65.8	65.8	65.8	66.3	66.6
Employed	6,994	6,991	7,095	7,129	7,136	7,224	7,269	7,248	7,286	7,345	7,437	7,446	7,538
Employment-population ratio ² ..	57.6	57.4	58.1	58.2	58.1	58.6	58.8	58.5	58.6	58.9	59.5	59.4	59.6
Unemployed	802	931	831	840	870	861	852	882	893	855	789	874	893
Unemployment rate ..	10.3	11.8	10.5	10.5	10.9	10.6	10.5	10.8	10.9	10.4	9.6	10.5	10.6

¹ The population figures are not adjusted for seasonal variation.
² Civilian employment as a percent of the civilian noninstitutional population.

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

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

(In thousands)

Category	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
CHARACTERISTIC													
Total	108,892	108,557	108,807	108,969	109,165	109,613	109,887	110,067	109,987	110,192	110,432	110,637	111,011
Married men, spouse present	39,558	39,363	39,396	39,504	39,582	39,613	39,634	39,735	39,691	39,780	39,952	40,093	40,102
Married women, spouse present	26,820	26,695	26,761	26,889	27,016	27,354	27,474	27,388	27,249	27,323	27,333	27,400	27,525
Women who maintain families	5,703	5,723	5,754	5,799	5,734	5,719	5,812	5,832	5,926	6,016	6,041	6,005	5,985
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers ..	1,642	1,512	1,655	1,539	1,489	1,508	1,504	1,509	1,521	1,562	1,582	1,621	1,650
Self-employed workers ..	1,482	1,444	1,450	1,467	1,472	1,492	1,434	1,387	1,460	1,451	1,425	1,400	1,370
Unpaid family workers	165	158	169	173	177	163	171	174	159	164	198	152	136
Nonagricultural industries:													
Wage and salary workers ..	97,752	97,500	97,661	97,858	98,047	98,314	98,312	98,586	98,692	98,846	98,869	99,164	99,550
Government	16,333	16,155	16,160	16,231	16,333	16,377	16,582	16,446	16,333	16,264	16,457	16,443	16,412
Private industries	81,419	81,345	81,501	81,627	81,714	81,937	81,730	82,140	82,359	82,582	82,412	82,721	83,138
Private households ..	1,245	1,208	1,227	1,309	1,261	1,267	1,241	1,247	1,229	1,216	1,183	1,189	1,269
Other industries	80,174	80,137	80,274	80,318	80,453	80,670	80,489	80,893	81,130	81,366	81,229	81,532	81,869
Self-employed workers ..	7,693	7,711	7,713	7,634	7,793	7,832	8,019	7,956	7,939	7,993	8,179	8,056	8,192
Unpaid family workers ..	271	261	243	251	235	236	258	271	275	265	252	239	246
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons ..	5,551	5,446	5,548	5,853	5,825	5,538	5,442	5,471	5,544	5,740	5,563	5,596	5,505
Slack work	2,377	2,385	2,352	2,534	2,605	2,437	2,473	2,417	2,472	2,481	2,510	2,444	2,473
Could only find part-time work ..	2,870	2,724	2,908	2,922	2,843	2,813	2,661	2,741	2,772	2,826	2,714	2,867	2,695
Voluntary part time ..	13,877	13,800	13,778	13,900	13,853	14,142	13,967	13,981	13,922	14,178	14,021	13,877	14,170
Nonagricultural industries:													
Part time for economic reasons ..	5,297	5,214	5,295	5,567	5,569	5,322	5,222	5,269	5,303	5,450	5,319	5,342	5,201
Slack work	2,231	2,242	2,160	2,382	2,485	2,307	2,317	2,283	2,314	2,314	2,366	2,286	2,281
Could only find part-time work ..	2,770	2,669	2,819	2,806	2,749	2,727	2,609	2,678	2,710	2,739	2,626	2,765	2,599
Voluntary part time ..	13,386	13,354	13,351	13,528	13,412	13,613	13,578	13,606	13,520	13,736	13,567	13,455	13,750

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	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	108,892	108,557	108,807	108,969	109,165	109,613	109,887	110,067	109,987	110,192	110,432	110,637	111,011
16 to 24 years	20,288	20,450	20,418	20,298	20,211	20,250	20,268	20,281	20,163	20,263	20,201	20,093	20,237
16 to 19 years	6,341	6,441	6,485	6,483	6,492	6,434	6,474	6,526	6,475	6,577	6,482	6,478	6,524
16 to 17 years	2,481	2,554	2,652	2,619	2,612	2,611	2,605	2,593	2,670	2,714	2,648	2,717	2,713
18 to 19 years	3,871	3,897	3,877	3,842	3,873	3,821	3,830	3,903	3,804	3,877	3,843	3,771	3,816
20 to 24 years	13,947	14,009	13,933	13,815	13,719	13,816	13,794	13,755	13,688	13,686	13,719	13,615	13,713
25 years and over	88,573	88,119	88,422	88,650	88,916	89,387	89,730	89,792	89,796	89,899	90,221	90,524	90,725
25 to 54 years	74,238	73,926	74,164	74,398	74,464	74,894	75,207	75,405	75,582	75,714	75,889	76,247	76,281
55 years and over	14,336	14,131	14,230	14,266	14,352	14,501	14,447	14,445	14,269	14,223	14,341	14,349	14,450
Men, 16 years and over	60,853	60,603	60,681	60,712	60,668	60,793	60,884	60,942	60,968	60,975	61,241	61,393	61,596
16 to 24 years	10,640	10,735	10,661	10,576	10,496	10,509	10,590	10,567	10,528	10,587	10,546	10,449	10,526
16 to 19 years	3,254	3,307	3,293	3,320	3,330	3,271	3,340	3,357	3,361	3,380	3,358	3,292	3,369
16 to 17 years	1,273	1,328	1,355	1,356	1,367	1,350	1,357	1,325	1,399	1,391	1,353	1,373	1,395
18 to 19 years	1,989	1,996	1,942	1,960	1,960	1,923	1,970	2,005	1,965	2,003	2,009	1,933	1,974
20 to 24 years	7,386	7,428	7,368	7,256	7,166	7,238	7,250	7,210	7,167	7,207	7,188	7,157	7,156
25 years and over	50,193	49,899	50,057	50,142	50,152	50,267	50,321	50,393	50,419	50,348	50,705	50,943	51,053
25 to 54 years	41,701	41,542	41,626	41,720	41,637	41,853	41,884	42,050	42,124	42,049	42,278	42,485	42,569
55 years and over	8,480	8,329	8,411	8,426	8,462	8,441	8,402	8,357	8,323	8,329	8,428	8,507	8,458
Women, 16 years and over	48,039	47,954	48,126	48,257	48,497	48,820	49,003	49,125	49,019	49,217	49,191	49,244	49,415
16 to 24 years	9,648	9,715	9,757	9,722	9,715	9,741	9,678	9,714	9,635	9,676	9,655	9,644	9,711
16 to 19 years	3,087	3,134	3,192	3,163	3,162	3,163	3,134	3,169	3,114	3,197	3,124	3,186	3,154
16 to 17 years	1,208	1,226	1,297	1,263	1,245	1,261	1,248	1,268	1,271	1,323	1,295	1,344	1,318
18 to 19 years	1,882	1,901	1,935	1,882	1,913	1,898	1,860	1,898	1,839	1,874	1,834	1,838	1,842
20 to 24 years	6,561	6,581	6,565	6,559	6,553	6,578	6,544	6,545	6,521	6,479	6,531	6,458	6,557
25 years and over	38,380	38,220	38,365	38,508	38,764	39,120	39,409	39,399	39,377	39,551	39,516	39,581	39,672
25 to 54 years	32,537	32,384	32,538	32,678	32,827	33,041	33,323	33,355	33,458	33,665	33,611	33,762	33,712
55 years and over	5,856	5,802	5,819	5,840	5,890	6,060	6,045	6,088	5,946	5,894	5,913	5,842	5,992

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

(In thousands)

Sex and age	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	7,902	8,485	8,380	8,323	8,422	8,392	8,230	8,057	8,285	8,222	8,243	7,949	8,023
16 to 24 years	3,056	3,206	3,125	3,218	3,242	3,157	3,071	3,001	3,173	3,022	3,005	2,986	3,045
16 to 19 years	1,413	1,500	1,460	1,548	1,504	1,502	1,409	1,429	1,465	1,414	1,447	1,359	1,402
16 to 17 years	658	704	653	686	686	681	642	641	668	647	686	629	683
18 to 19 years	770	806	808	868	816	813	740	787	790	766	768	737	735
20 to 24 years	1,643	1,706	1,665	1,670	1,738	1,655	1,662	1,572	1,708	1,608	1,558	1,627	1,643
25 years and over	4,884	5,275	5,239	5,097	5,161	5,212	5,148	5,087	5,130	5,197	5,230	4,961	5,024
25 to 54 years	4,307	4,641	4,615	4,521	4,634	4,677	4,584	4,525	4,523	4,597	4,630	4,422	4,552
55 years and over	581	631	623	576	556	569	574	561	587	603	571	527	477
Men, 16 years and over	4,274	4,595	4,572	4,517	4,653	4,619	4,566	4,428	4,600	4,565	4,574	4,439	4,484
16 to 24 years	1,598	1,694	1,694	1,757	1,778	1,699	1,660	1,625	1,761	1,615	1,635	1,623	1,626
16 to 19 years	730	799	783	829	833	811	755	794	795	751	754	714	764
16 to 17 years	344	395	349	363	369	337	345	350	373	344	366	325	380
18 to 19 years	401	414	434	467	464	463	395	441	416	409	388	395	401
20 to 24 years	868	895	911	928	945	888	905	831	966	864	881	909	862
25 years and over	2,712	2,906	2,867	2,758	2,855	2,885	2,896	2,835	2,857	2,945	2,931	2,809	2,901
25 to 54 years	2,359	2,528	2,494	2,420	2,536	2,551	2,548	2,471	2,472	2,558	2,568	2,462	2,578
55 years and over	345	373	364	348	344	363	350	356	364	385	361	351	310
Women, 16 years and over	3,628	3,890	3,808	3,806	3,769	3,773	3,664	3,629	3,685	3,657	3,669	3,510	3,538
16 to 24 years	1,458	1,512	1,431	1,461	1,464	1,458	1,411	1,376	1,412	1,407	1,370	1,363	1,419
16 to 19 years	683	701	677	719	671	691	654	635	670	663	693	645	638
16 to 17 years	314	309	304	323	317	344	297	291	295	303	320	304	303
18 to 19 years	369	392	374	401	352	350	345	346	374	357	380	342	334
20 to 24 years	775	811	754	742	793	767	757	741	742	744	677	718	781
25 years and over	2,172	2,369	2,372	2,339	2,306	2,327	2,252	2,252	2,273	2,252	2,299	2,152	2,124
25 to 54 years	1,948	2,113	2,121	2,101	2,098	2,126	2,036	2,054	2,051	2,039	2,062	1,960	1,974
55 years and over	236	258	259	228	212	206	224	205	223	218	210	176	167

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Civilian workers)

Sex and age	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	6.8	7.2	7.2	7.1	7.2	7.1	7.0	6.8	7.0	6.9	6.9	6.7	6.7
16 to 24 years	13.1	13.6	13.3	13.7	13.8	13.5	13.2	12.9	13.6	13.0	12.9	12.9	13.1
16 to 19 years	18.2	18.9	18.4	19.3	18.8	18.9	17.9	18.0	18.5	17.7	18.2	17.3	17.7
16 to 17 years	21.0	21.6	19.8	20.8	20.8	20.7	19.8	19.8	20.0	19.3	20.6	18.8	20.1
18 to 19 years	16.6	17.1	17.2	18.4	17.4	17.5	16.2	16.8	17.2	16.5	16.7	16.3	16.2
20 to 24 years	10.5	10.9	10.7	10.8	11.2	10.7	10.8	10.3	11.1	10.5	10.2	10.7	10.7
25 years and over	5.2	5.6	5.6	5.4	5.5	5.5	5.4	5.4	5.4	5.5	5.5	5.2	5.2
25 to 54 years	5.5	5.9	5.9	5.7	5.9	5.9	5.7	5.7	5.6	5.7	5.8	5.5	5.6
55 years and over	3.9	4.3	4.2	3.9	3.7	3.8	3.8	3.7	4.0	4.1	3.8	3.5	3.2
Men, 16 years and over	6.6	7.0	7.0	6.9	7.1	7.1	7.0	6.8	7.0	7.0	6.9	6.7	6.8
16 to 24 years	13.1	13.6	13.7	14.2	14.5	13.9	13.6	13.3	14.3	13.2	13.4	13.4	13.4
16 to 19 years	18.3	19.5	19.2	20.0	20.0	19.9	18.4	19.1	19.1	18.2	18.3	17.8	18.5
16 to 17 years	21.3	22.9	20.5	21.1	21.3	20.0	20.3	20.9	21.0	19.8	21.3	19.1	21.4
18 to 19 years	16.8	17.2	18.3	19.2	19.1	19.4	16.7	18.0	17.5	17.0	16.2	17.0	16.9
20 to 24 years	10.5	10.8	11.0	11.3	11.7	10.9	11.1	10.3	11.9	10.7	10.9	11.3	10.7
25 years and over	5.1	5.5	5.4	5.2	5.4	5.4	5.4	5.3	5.4	5.5	5.5	5.2	5.4
25 to 54 years	5.4	5.7	5.7	5.5	5.7	5.7	5.7	5.6	5.5	5.7	5.7	5.5	5.7
55 years and over	3.9	4.3	4.1	4.0	3.9	4.1	4.0	4.1	4.2	4.4	4.1	4.0	3.5
Women, 16 years and over	7.0	7.5	7.3	7.3	7.2	7.2	7.0	6.9	7.0	6.9	6.9	6.7	6.7
16 to 24 years	13.1	13.5	12.8	13.1	13.1	13.0	12.7	12.4	12.8	12.7	12.4	12.4	12.7
16 to 19 years	18.1	18.3	17.5	18.5	17.5	17.9	17.3	16.7	17.7	17.2	18.2	16.8	16.8
16 to 17 years	20.6	20.1	19.0	20.4	20.3	21.4	19.2	18.7	18.8	18.6	19.8	18.4	18.7
18 to 19 years	16.4	17.1	16.2	17.6	15.5	15.6	15.6	15.4	16.9	16.0	17.2	15.7	15.3
20 to 24 years	10.6	11.0	10.3	10.2	10.8	10.4	10.4	10.2	10.2	10.3	9.4	10.0	10.6
25 years and over	5.4	5.8	5.8	5.7	5.6	5.6	5.4	5.4	5.5	5.4	5.5	5.2	5.1
25 to 54 years	5.6	6.1	6.1	6.0	6.0	6.0	5.8	5.8	5.8	5.7	5.8	5.5	5.5
55 years and over	3.9	4.3	4.3	3.8	3.5	3.3	3.6	3.3	3.6	3.6	3.4	2.9	2.7

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
CHARACTERISTIC													
Total (all civilian workers)	6.8	7.2	7.2	7.1	7.2	7.1	7.0	6.8	7.0	6.9	6.9	6.7	6.7
Men, 20 years and over	5.8	6.2	6.2	6.0	6.2	6.2	6.2	5.9	6.2	6.2	6.2	6.0	6.0
Women, 20 years and over	6.1	6.6	6.5	6.4	6.4	6.3	6.2	6.1	6.2	6.1	6.1	5.9	5.9
Both sexes, 16 to 19 years	18.2	18.9	18.4	19.3	18.8	18.9	17.9	18.0	18.5	17.7	18.2	17.3	17.7
White	5.8	6.3	6.2	6.1	6.2	6.1	6.0	5.8	6.0	6.0	6.0	5.8	5.9
Black and other	13.1	13.3	13.4	13.5	13.5	13.5	12.7	13.1	13.1	12.7	12.7	12.3	12.6
Black	14.6	14.9	14.8	14.8	14.8	14.9	14.2	14.6	14.6	14.3	14.2	13.7	14.3
Hispanic origin	10.3	11.8	10.5	10.5	10.9	10.6	10.5	10.8	10.9	10.4	9.6	10.5	10.6
Married men, spouse present	4.3	4.5	4.5	4.2	4.4	4.5	4.4	4.2	4.3	4.6	4.5	4.3	4.2
Married women, spouse present	5.1	5.5	5.5	5.3	5.3	5.2	5.2	5.1	5.1	5.0	5.0	4.8	4.8
Women who maintain families	9.9	9.9	10.1	9.5	10.1	10.0	9.5	10.1	9.8	8.9	9.7	9.8	9.8
Full-time workers	6.5	6.9	6.8	6.7	6.9	6.7	6.6	6.4	6.6	6.6	6.6	6.3	6.4
Part-time workers	8.7	9.3	9.1	9.4	9.1	9.1	9.2	9.3	9.3	9.2	9.1	8.8	9.0
Unemployed 15 weeks and over ¹	1.8	2.0	1.9	1.8	1.9	1.9	1.9	1.9	2.0	1.8	1.9	1.8	1.8
Labor force time lost ²	7.7	8.1	8.1	8.1	8.2	8.1	7.8	7.7	7.9	7.8	7.7	7.6	7.6
INDUSTRY													
Nonagricultural private wage and salary workers	6.8	7.2	7.1	7.1	7.2	7.1	7.1	6.9	7.0	7.0	7.0	6.8	6.7
Mining	10.7	9.5	10.5	12.4	13.6	17.3	16.6	16.6	13.9	14.5	14.5	14.1	14.0
Construction	12.8	13.0	13.0	12.3	13.0	12.4	13.0	12.4	12.9	13.8	15.1	13.7	12.2
Manufacturing	7.1	7.3	7.2	6.9	7.4	7.2	6.9	6.9	7.0	7.3	7.1	6.9	6.8
Durable goods	7.0	7.4	6.9	6.9	7.3	7.0	6.7	6.8	6.5	7.2	6.6	6.4	6.8
Nondurable goods	7.2	7.1	7.6	6.9	7.5	7.5	7.2	6.9	7.7	7.3	7.9	7.7	6.8
Transportation and public utilities	4.5	5.3	5.8	5.5	5.3	5.4	5.5	4.8	4.7	5.2	4.4	4.6	4.8
Wholesale and retail trade	7.3	7.8	7.7	7.9	7.9	7.7	7.8	7.5	7.6	7.4	7.2	7.2	7.5
Finance and service industries	5.3	5.9	5.6	5.8	5.5	5.5	5.7	5.6	5.6	5.4	5.4	5.1	5.2
Agricultural wage and salary workers	11.5	13.8	12.1	13.4	15.3	13.2	11.4	13.3	12.9	11.9	10.1	11.5	11.6

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.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Weeks of unemployment	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
DURATION													
Less than 5 weeks	3,373	3,534	3,536	3,565	3,610	3,415	3,399	3,436	3,415	3,418	3,382	3,355	3,416
5 to 14 weeks	2,505	2,615	2,625	2,650	2,671	2,650	2,521	2,407	2,524	2,563	2,613	2,389	2,530
15 weeks and over	2,117	2,332	2,243	2,130	2,232	2,299	2,250	2,272	2,373	2,168	2,217	2,171	2,200
15 to 26 weeks	1,003	1,142	1,078	982	1,065	1,038	1,058	1,068	1,110	950	1,045	1,023	1,022
27 weeks and over	1,114	1,190	1,165	1,148	1,167	1,261	1,192	1,204	1,263	1,218	1,172	1,148	1,178
Average (mean) duration, in weeks	15.0	15.2	14.6	14.7	14.8	15.2	15.1	15.6	15.5	15.2	14.8	15.0	15.0
Median duration, in weeks	6.8	6.9	6.8	6.6	6.8	7.2	7.1	7.1	7.1	7.0	7.0	7.1	7.0
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	42.2	41.7	42.1	42.7	42.4	40.8	41.6	42.3	41.1	41.9	41.2	42.4	41.9
5 to 14 weeks	31.3	30.8	31.2	31.8	31.4	31.7	30.9	29.7	30.4	31.5	31.8	30.2	31.1
15 weeks and over	26.5	27.5	26.7	25.5	26.2	27.5	27.5	28.0	28.5	26.6	27.0	27.4	27.0
15 to 26 weeks	12.5	13.5	12.8	11.8	12.5	12.4	12.9	13.2	13.4	11.7	12.7	12.9	12.5
27 weeks and over	13.9	14.0	13.9	13.8	13.7	15.1	14.6	14.8	15.2	14.9	14.3	14.5	14.5

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

(Numbers in thousands)

Reasons for unemployment	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
NUMBER OF UNEMPLOYED													
Job losers	3,802	4,147	4,210	4,035	4,214	4,272	4,063	3,824	4,044	3,984	3,947	3,890	3,971
On layoff	1,143	1,136	1,144	1,057	1,118	1,074	1,078	1,017	1,029	1,072	1,073	1,078	1,118
Other job losers	2,659	3,011	3,066	2,978	3,096	3,198	2,985	2,807	3,015	2,912	2,874	2,812	2,854
Job leavers	977	985	989	1,071	979	1,009	1,025	990	1,041	1,027	1,056	1,036	891
Reentrants	2,083	2,263	2,196	2,188	2,200	2,107	2,205	2,199	2,145	2,190	2,119	2,019	2,054
New entrants	1,029	1,073	1,006	1,048	1,046	1,050	989	1,014	1,038	972	1,076	1,015	1,084
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	48.2	49.0	50.1	48.4	49.9	50.6	49.1	47.6	48.9	48.7	48.1	48.9	49.6
On layoff	14.5	13.4	13.6	12.7	13.2	12.7	13.0	12.7	12.4	13.1	13.1	13.5	14.0
Other job losers	33.7	35.6	36.5	35.7	36.7	37.9	36.0	35.0	36.5	35.6	35.1	35.3	35.7
Job leavers	12.4	11.6	11.8	12.8	11.6	12.0	12.4	12.3	12.6	12.6	12.9	13.0	11.1
Reentrants	26.4	26.7	26.1	26.2	26.1	25.0	26.6	27.4	25.9	26.8	25.8	25.4	25.7
New entrants	13.0	12.7	12.0	12.6	12.4	12.4	11.9	12.6	12.6	11.9	13.1	12.8	13.6
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.3	3.5	3.6	3.4	3.6	3.6	3.4	3.2	3.4	3.4	3.3	3.3	3.3
Job leavers .....	.8	.8	.8	.9	.8	.9	.9	.8	.9	.9	.9	.9	.7
Reentrants	1.8	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.7	1.7
New entrants .....	.9	.9	.9	.9	.9	.9	.8	.9	.9	.8	.9	.9	.9

**ESTABLISHMENT DATA
HISTORICAL EMPLOYMENT**

B-1. Employees on nonagricultural payrolls by major industry, 1935 to date

(In thousands)

Year and month	Total	Total private	Goods-producing				Service-producing						Government		
			Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Federal	State	Local
Annual averages															
1935	27,039	23,558	10,893	897	927	9,069	16,146	2,786	(¹)	(¹)	1,320	3,128	753	(¹)	(¹)
1936	29,068	25,400	11,933	946	1,160	9,827	17,135	2,973	(¹)	(¹)	1,373	3,312	826	(¹)	(¹)
1937	31,011	27,255	12,936	1,015	1,127	10,794	18,075	3,134	(¹)	(¹)	1,417	3,503	833	(¹)	(¹)
1938	29,194	25,311	11,401	891	1,070	9,440	17,793	2,863	(¹)	(¹)	1,410	3,458	829	(¹)	(¹)
1939	30,603	26,608	12,297	854	1,165	10,278	18,306	2,936	(¹)	(¹)	1,447	3,502	905	(¹)	(¹)
1940	32,361	28,159	13,221	925	1,311	10,985	19,140	3,038	(¹)	(¹)	1,485	3,665	996	(¹)	(¹)
1941	36,539	31,877	15,963	957	1,814	13,192	20,574	3,274	1,960	5,251	1,525	3,905	1,340	(¹)	(¹)
1942	40,106	34,624	18,470	992	2,198	15,280	21,636	3,460	1,906	5,212	1,509	4,066	2,213	(¹)	(¹)
1943	42,434	36,356	20,114	925	1,587	17,602	22,320	3,647	1,822	5,160	1,481	4,130	2,905	(¹)	(¹)
1944	41,864	35,822	19,328	892	1,108	17,328	22,536	3,829	1,845	5,214	1,461	4,145	2,928	(¹)	(¹)
1945	40,374	34,431	17,507	836	1,147	15,524	22,867	3,906	1,949	5,365	1,481	4,222	2,808	(¹)	(¹)
1946	41,652	36,056	17,248	862	1,683	14,703	24,404	4,061	2,291	6,084	1,675	4,697	2,254	(¹)	(¹)
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,166	2,471	6,485	1,728	5,025	1,892	(¹)	(¹)
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,605	6,667	1,800	5,181	1,863	(¹)	(¹)
1949	43,754	37,897	17,565	930	2,194	14,441	26,189	4,001	2,602	6,662	1,828	5,240	1,908	(¹)	(¹)
1950	45,197	39,170	18,506	901	2,364	15,241	26,691	4,034	2,635	6,751	1,888	5,357	1,928	(¹)	(¹)
1951	47,819	41,430	19,959	929	2,637	16,393	27,860	4,226	2,727	7,015	1,956	5,547	2,302	(¹)	(¹)
1952	48,793	42,185	20,198	898	2,668	16,632	28,595	4,248	2,812	7,192	2,035	5,699	2,420	(¹)	(¹)
1953	50,202	43,556	21,074	866	2,659	17,549	29,128	4,290	2,854	7,393	2,111	5,835	2,305	(¹)	(¹)
1954	48,990	42,238	19,751	791	2,646	16,314	29,239	4,084	2,867	7,368	2,200	5,969	2,188	(¹)	(¹)
1955	50,641	43,727	20,513	792	2,839	16,882	30,128	4,141	2,926	7,610	2,298	6,240	2,187	(¹)	(¹)
1956	52,369	45,091	21,104	822	3,039	17,243	31,266	4,244	3,018	7,840	2,389	6,497	2,209	(¹)	(¹)
1957	52,853	45,239	20,964	828	2,962	17,174	31,889	4,241	3,028	7,858	2,438	6,708	2,217	1,328	4,071
1958	51,324	43,483	19,513	751	2,817	15,945	31,811	3,976	2,980	7,770	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	3,082	8,045	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	3,143	8,248	2,629	7,378	2,270	1,536	4,547
1961	53,999	45,404	19,857	672	2,859	16,326	34,142	3,903	3,133	8,204	2,688	7,620	2,279	1,607	4,708
1962	55,549	46,660	20,451	650	2,948	16,853	35,098	3,906	3,198	8,368	2,754	7,982	2,340	1,668	4,881
1963	56,653	47,429	20,640	635	3,010	16,995	36,013	3,903	3,248	8,530	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	3,337	8,823	2,911	8,660	2,348	1,856	5,392
1965	60,765	50,689	21,926	632	3,232	18,062	38,839	4,036	3,466	9,250	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	3,597	9,648	3,058	9,498	2,564	2,141	6,080
1967	65,803	54,413	23,308	613	3,248	19,447	42,495	4,268	3,689	9,917	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	3,779	10,320	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	3,907	10,798	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	3,993	11,047	3,645	11,548	2,731	2,664	7,158
1971	71,214	58,331	22,935	609	3,704	18,623	48,278	4,476	4,001	11,351	3,772	11,797	2,696	2,747	7,437
1972	73,675	60,341	23,668	628	3,889	19,151	50,007	4,541	4,113	11,836	3,908	12,276	2,684	2,859	7,790
1973	76,790	63,058	24,893	642	4,097	20,154	51,897	4,656	4,277	12,329	4,046	12,857	2,663	2,923	8,146
1974	78,265	64,095	24,794	697	4,020	20,077	53,471	4,725	4,433	12,554	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	4,415	12,645	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	4,546	13,209	4,271	14,551	2,733	3,273	8,865
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,708	13,808	4,467	15,303	2,727	3,377	9,023
1978	86,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,969	14,573	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	5,204	14,989	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	5,275	15,035	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	5,358	15,189	5,298	18,619	2,772	3,640	9,619
1982	89,566	73,729	23,813	1,128	3,905	18,781	65,753	5,082	5,278	15,179	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	5,268	15,613	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	5,555	16,545	5,689	20,797	2,807	3,734	9,482
1985	97,614	81,199	24,930	930	4,687	19,314	72,684	5,242	5,740	17,360	5,953	21,974	2,875	3,848	9,692
1986 ³	100,165	83,430	24,938	792	4,961	19,186	75,227	5,286	5,852	17,978	6,304	23,072	2,900	3,937	9,899
Monthly data, seasonally adjusted															
1986:															
January	99,296	82,659	25,101	897	4,901	19,303	74,195	5,286	5,830	17,734	6,123	22,585	2,918	3,916	9,803
February	99,429	82,748	25,038	880	4,864	19,294	74,391	5,277	5,843	17,795	6,157	22,638	2,918	3,924	9,839
March	99,484	82,785	24,945	852	4,838	19,255	74,539	5,280	5,841	17,828	6,184	22,707	2,923	3,927	9,849
April	99,783	83,072	25,038	821	4,972	19,245	74,745	5,266	5,864	17,851	6,228	22,825	2,914	3,938	9,859
May	99,918	83,198	24,965	790	4,974	19,201	74,953	5,265	5,872	17,911	6,261	22,924	2,899	3,936	9,885
June	99,843	83,161	24,854	772	4,947	19,135	74,989	5,167	5,829	17,944	6,295	23,072	2,875	3,927	9,880
July	100,105	83,508	24,869	768	4,980	19,121	75,236	5,288	5,849	17,992	6,334	23,176	2,866	3,921	9,810
August	100,283	83,655	24,888	753	5,012	19,123	75,395	5,255	5,863	18,030	6,364	23,255	2,875	3,919	9,834
September	100,560	83,786	24,858	743	5,010	19,105	75,702	5,316	5,859	18,065	6,388	23,300	2,901	3,932	9,941
October	100,826	83,956	24,865	746	5,001	19,118	75,961	5,316	5,864	18,143	6,409	23,359	2,896	3,959	10,015
November	101,068	84,178	24,891	742	4,993	19,156	76,177	5,351	5,859						

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonagricultural payrolls by detailed industry

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Total		99,546	97,903	101,879	101,948	100,296					
Total private		82,686	81,286	84,673	84,792	83,407	66,946	65,558	68,569	68,682	67,262
Mining		901	891	746	740	724	639	630	527	522	505
Metal mining	10	43.8	44.6	40.9	42.1		32.0	32.9	30.2	31.3	
Iron ores	101	8.0	8.8	7.2	8.0		5.8	6.6	5.3	6.0	
Copper ores	102	13.5	13.7	13.0	13.5		10.0	10.3	10.2	10.7	
Coal mining	11,12	181.3	181.6	170.7	170.3		147.7	148.2	140.5	140.0	
Bituminous coal and lignite mining	12	179.2	179.6	168.4	168.0		146.2	146.7	138.6	138.1	
Oil and gas extraction	13	569.7	564.1	423.3	420.7	415.7	379.7	375.4	271.2	270.1	
Crude petroleum, natural gas, and natural gas liquids	131,2	254.3	252.8	218.2	214.9	-	120.7	121.2	108.3	106.2	
Oil and gas field services	138	315.4	311.3	205.1	205.8		259.0	254.2	162.9	163.9	
Nonmetallic minerals, except fuels	14	106.5	100.3	110.7	106.4		80.0	73.6	84.7	80.5	
Crushed and broken stone	142	36.4	33.5	38.3	36.8		29.1	26.3	30.8	29.2	
Sand and gravel	144	32.4	30.5	33.9	31.6		-	-	-	-	
Chemical and fertilizer minerals	147	19.8	19.0	19.9	19.8						
Construction		4,721	4,481	5,143	4,927	4,702	3,686	3,450	4,058	3,842	3,611
General building contractors	15	1,278.0	1,231.9	1,339.5	1,286.5	1,246.3	951.4	905.6	999.6	949.0	
Residential building construction	152	624.1	604.5	672.0	645.1	-	450.2	431.9	487.2	462.1	
Operative builders	153	58.5	57.9	55.4	53.9		30.5	30.5	29.2	27.7	
Nonresidential building construction	154	595.4	569.5	612.1	587.5		470.7	443.2	483.2	459.2	
Heavy construction contractors	16	735.8	667.7	787.4	722.0		600.6	535.6	661.1	597.5	
Highway and street construction	161	229.1	194.6	296.9	251.6		186.2	152.8	249.5	205.0	
Heavy construction, except highway	162	506.7	473.1	490.5	470.4		414.4	382.8	411.6	392.5	
Special trade contractors	17	2,707.3	2,581.3	3,016.4	2,918.0		2,134.1	2,009.2	2,397.1	2,295.5	
Plumbing, heating, and air conditioning	171	627.5	615.3	667.9	663.6		464.3	450.3	494.6	489.3	
Painting, paper hanging, and decorating	172	159.2	147.8	178.5	171.0		131.5	119.9	149.7	142.3	
Electrical work	173	519.3	504.6	553.8	551.8		402.6	387.9	432.8	429.5	
Masonry, stonework, and plastering	174	436.5	416.5	507.1	488.2		373.0	353.2	433.9	414.4	
Carpentering and flooring	175	163.2	158.1	180.7	174.0		123.2	118.7	138.8	131.9	
Roofing and sheet metal work	176	203.6	190.2	230.0	218.1		165.2	151.4	188.1	175.8	
Manufacturing		19,272	19,140	19,215	19,172	19,023	13,085	12,969	13,074	13,041	12,920
Durable goods		11,457	11,395	11,310	11,286	11,201	7,592	7,537	7,480	7,463	7,396
Lumber and wood products	24	696.5	689.7	742.6	734.0	724.8	584.6	579.0	622.1	614.5	605.5
Logging camps and logging contractors	241	78.6	77.6	85.8	80.6	-	65.8	65.3	73.0	68.4	-
Sawmills and planing mills	242	192.3	191.2	204.2	203.5		169.6	168.6	178.3	177.8	
Sawmills and planing mills, general	2421	158.4	157.2	167.5	166.7		140.0	139.0	146.1	145.4	
Hardwood dimension and flooring	2426	30.7	30.7	32.9	33.1		26.9	26.9	28.9	29.1	
Millwork, plywood, and structural members	243	237.2	236.7	263.0	262.1		196.8	196.1	218.3	217.0	
Millwork	2431	90.8	90.6	101.0	100.0		73.1	72.6	81.9	80.7	
Wood kitchen cabinets	2434	64.7	64.1	71.5	71.9		52.9	52.1	57.8	58.1	
Hardwood veneer and plywood	2435	23.4	23.5	25.2	25.3		20.5	20.7	22.2	22.2	
Softwood veneer and plywood	2436	38.6	38.8	42.3	42.3		35.4	35.7	38.7	38.6	
Wood containers	244	40.5	40.3	40.8	40.3		34.2	33.9	34.3	34.0	
Wood buildings and mobile homes	245	70.9	67.6	71.1	69.6		54.0	51.3	53.7	52.5	
Mobile homes	2451	50.2	48.5	48.9	47.7		39.9	38.6	39.1	38.2	
Miscellaneous wood products	249	77.0	76.3	77.7	77.9		64.2	63.8	64.5	64.8	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Durable goods—Continued											
Furniture and fixtures	25	498.8	494.8	505.3	507.0	505.9	399.0	395.6	405.6	407.2	405.6
Household furniture	251	297.6	294.9	302.1	304.4	-	249.9	247.6	255.0	257.4	-
Wood household furniture	2511	133.0	131.4	134.6	136.0		116.1	114.6	117.8	119.2	
Upholstered household furniture	2512	92.8	92.5	95.6	96.1		76.4	76.2	79.6	80.0	
Metal household furniture	2514	29.5	30.0	31.3	32.3		24.2	24.6	25.6	26.6	
Mattresses and bedspings	2515	28.5	28.4	28.4	28.1		21.7	21.6	21.6	21.3	
Office furniture	252	67.1	66.9	67.4	67.6		51.9	51.9	52.7	52.7	
Public building and related furniture	253	26.8	26.6	27.2	27.5		20.6	20.2	20.9	21.3	
Partitions and fixtures	254	68.0	68.0	70.9	69.7		49.5	49.6	51.3	50.0	
Miscellaneous furniture and fixtures	259	39.3	38.4	37.7	37.8		27.1	26.3	25.7	25.8	
Stone, clay, and glass products	32	585.4	573.6	595.9	586.3	571.4	448.1	438.1	460.6	451.9	437.2
Flat glass	321	15.5	15.5	14.6	14.6	-	12.2	12.2	11.4	11.4	-
Glass and glassware, pressed or blown	322	90.6	90.3	92.4	91.9		77.2	76.9	78.8	78.5	
Glass containers	3221	47.3	47.0	48.0	47.6		42.2	42.1	43.2	42.9	
Pressed and blown glass, nec	3229	43.3	43.3	44.4	44.3		35.0	34.8	35.6	35.6	
Products of purchased glass	323	51.9	52.1	53.9	54.0		36.2	36.4	38.3	38.1	
Cement, hydraulic	324	22.7	22.3	22.5	22.4		17.7	17.3	17.6	17.5	
Structural clay products	325	37.7	36.8	37.8	37.8		29.3	28.3	29.3	29.7	
Pottery and related products	326	35.7	35.2	35.2	34.9		28.1	28.1	27.7	27.5	
Concrete, gypsum, and plaster products	327	205.3	197.0	217.1	208.9		158.6	150.8	169.2	161.3	
Concrete block and brick	3271	19.1	18.5	20.5	19.9		12.9	12.2	13.8	13.2	
Concrete products, nec	3272	69.6	66.8	70.7	68.6		53.1	50.5	54.1	52.1	
Ready-mixed concrete	3273	96.0	91.1	105.5	99.7		76.5	72.0	85.5	80.0	
Misc. nonmetallic mineral products	329	114.2	113.0	110.3	109.8		79.6	79.1	78.8	78.5	
Abrasive products	3291	20.6	20.4	20.1	20.1		13.5	13.5	13.2	13.3	
Asbestos products	3292	10.2	10.3	10.2	10.3		7.6	7.7	7.8	7.8	
Mineral wool	3296	27.2	26.8	26.2	25.6						
Primary metal industries	33	796.6	798.5	744.6	745.7	741.0	605.1	607.0	556.0	557.7	555.3
Blast furnaces and basic steel products	331	299.5	300.0	265.1	266.6	265.8	231.0	232.2	198.6	200.2	200.6
Blast furnaces and steel mills	3312	233.4	234.4	202.1	203.2	-	183.0	184.4	152.5	153.4	-
Steel pipe and tubes	3317	23.7	23.3	21.2	21.6		17.2	16.9	15.1	15.6	
Iron and steel foundries	332	139.7	139.5	132.3	132.5		110.4	110.0	104.0	104.2	
Gray iron foundries	3321	87.8	87.8	82.9	83.0		71.8	71.8	67.5	67.6	
Malleable iron foundries	3322	9.9	10.0	8.7	8.9		7.2	7.3	6.1	6.3	
Steel foundries, nec	3325	28.3	28.0	26.6	26.4		21.1	20.6	19.6	19.4	
Primary nonferrous metals	333	41.8	42.3	39.1	39.4		29.6	29.8	26.2	26.7	
Primary aluminum	3334	23.3	23.9	22.2	22.4		17.3	17.4	14.6	14.9	
Nonferrous rolling and drawing	335	187.2	187.6	184.3	184.1		133.2	133.5	130.4	130.6	
Copper rolling and drawing	3351	23.4	23.5	23.8	23.6		18.1	18.0	18.5	18.5	
Aluminum sheet, plate, and foil	3353	30.8	30.8	29.4	29.2		21.8	21.9	21.1	21.1	
Nonferrous wire drawing and insulating	3357	80.9	80.8	79.0	79.2		58.4	58.2	55.3	55.5	
Nonferrous foundries	336	84.4	85.0	83.1	82.0		68.1	68.4	66.9	65.9	
Aluminum foundries	3361	52.3	52.7	51.3	50.2		42.8	43.2	42.1	41.0	
Fabricated metal products	34	1,459.2	1,446.6	1,436.0	1,434.8	1,420.8	1,077.4	1,068.2	1,062.2	1,061.7	1,051.2
Metal cans and shipping containers	341	57.0	56.9	57.0	56.6	-	48.5	48.5	49.0	48.4	-
Metal cans	3411	45.8	45.6	45.6	45.1		39.8	39.8	40.0	39.4	
Cutlery, hand tools, and hardware	342	143.3	142.3	142.4	141.9		106.0	105.1	104.7	104.1	
Hand and edge tools, and hand saws and blades	3423.5	48.5	48.5	48.9	48.7		35.8	35.6	35.5	35.4	
Hardware, nec	3429	81.0	80.8	79.6	79.4		60.9	60.7	59.9	59.6	
Plumbing and heating, except electric	343	66.0	66.0	66.9	67.3		47.2	47.1	48.3	48.5	
Plumbing fittings and brass goods	3432	25.1	25.6	24.9	25.3		18.4	18.8	18.0	18.3	
Heating equipment, except electric	3433	29.7	29.2	31.1	30.9		20.3	19.7	21.9	21.7	
Fabricated structural metal products	344	439.3	432.3	434.7	431.9		307.6	301.7	306.7	303.8	
Fabricated structural metal	3441	76.7	75.6	72.9	72.5		54.1	53.5	51.1	50.9	
Metal doors, sash, and trim	3442	90.4	88.7	92.6	91.6		66.8	65.5	68.9	67.6	
Fabricated plate work (boiler shops)	3443	99.9	97.5	94.2	93.8		63.2	61.3	59.1	59.1	
Sheet metal work	3444	109.2	108.0	110.0	109.7		80.6	79.2	81.8	81.3	
Architectural metal work	3446	27.8	27.9	28.9	28.8		20.2	20.2	21.6	21.5	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Screw machine products, bolts, etc	345	95.9	96.0	96.8	97.1		73.1	73.1	73.8	74.1	
Screw machine products	3451	45.1	45.1	45.1	45.3		36.5	36.5	36.7	36.9	
Bolts, nuts, rivets, and washers	3452	50.8	50.9	51.7	51.8		36.6	36.6	37.1	37.2	
Metal forgings and stampings	346	243.7	242.5	232.2	233.3		196.0	195.0	186.0	187.4	
Iron and steel forgings	3462	34.3	34.1	31.0	31.2		26.3	26.2	23.7	24.0	
Automotive stampings	3465	106.2	105.9	99.1	100.2		91.3	91.1	84.5	85.7	
Metal stampings, nec	3469	92.5	91.8	91.4	91.3		70.7	69.9	69.9	70.0	
Metal services, nec	347	112.9	112.5	115.2	116.0		90.5	90.3	92.4	93.1	
Plating and polishing	3471	75.5	75.2	76.1	76.6		61.3	61.0	61.6	62.1	
Metal coating and allied services	3479	37.4	37.3	39.1	39.4		29.2	29.3	30.8	31.0	
Ordnance and accessories, nec	348	78.8	78.0	81.3	81.2		48.4	49.0	50.9	51.7	
Ammunition, except for small arms, nec	3483	44.2	44.3	46.9	47.1		26.3	27.2	29.3	29.7	
Misc. fabricated metal products	349	222.3	220.1	209.5	209.5		160.1	158.4	150.4	150.6	
Valves and pipe fittings	3494	85.4	84.7	78.4	78.5		56.9	56.4	51.8	51.9	
Misc. fabricated wire products	3496	52.2	51.3	50.6	50.7		39.7	39.0	38.1	38.2	
Machinery, except electrical	35	2,136.5	2,133.6	2,031.7	2,032.4	2,029.4	1,281.2	1,279.8	1,202.8	1,205.5	1,206.3
Engines and turbines	351	100.6	100.6	95.1	95.3	-	63.2	63.5	59.1	59.3	-
Turbines and turbine generator sets	3511	33.0	32.7	30.8	30.7		17.8	17.4	16.7	16.6	
Internal combustion engines, nec	3519	67.6	67.9	64.3	64.6		45.4	46.1	42.4	42.7	
Farm and garden machinery	352	96.6	96.4	86.4	88.5		66.5	66.3	54.8	56.6	
Farm machinery and equipment	3523	71.2	69.7	60.8	61.0		46.7	45.2	35.4	35.6	
Construction and related machinery	353	247.7	246.9	212.1	211.5		152.3	152.0	125.2	124.8	
Construction machinery	3531	84.8	84.5	74.3	73.9		51.8	51.4	43.2	43.0	
Mining machinery	3532	19.9	19.6	17.5	17.6		12.4	12.2	10.7	10.7	
Oil field machinery	3533	62.0	61.7	41.3	40.7		38.5	38.5	24.0	23.5	
Conveyors and conveying equipment	3535	30.3	31.0	30.1	30.4		16.3	16.7	15.6	15.8	
Industrial trucks and tractors	3537	25.6	25.0	25.0	24.9		17.5	17.4	17.6	17.7	
Metalworking machinery	354	308.1	307.9	302.1	302.2		220.1	219.7	215.0	215.3	
Machine tools, metal cutting types	3541	54.2	53.9	50.0	49.6		34.2	33.8	31.3	31.1	
Machine tools, metal forming types	3542	18.5	18.6	18.2	18.1		11.3	11.3	10.8	10.9	
Special dies, tools, jigs, and fixtures	3544	142.0	142.4	144.6	145.2		110.2	110.4	111.5	111.9	
Machine tool accessories	3545	54.7	54.8	52.8	52.7		38.1	38.1	36.7	36.7	
Power driven hand tools	3546	21.6	21.4	20.4	20.3		15.7	15.6	14.8	14.8	
Special industry machinery	355	166.0	164.9	158.2	157.9		99.1	98.2	93.4	93.6	
Food products machinery	3551	39.0	38.4	38.1	38.0		23.9	23.5	23.1	23.1	
Textile machinery	3552	18.1	18.0	18.4	18.6		12.2	12.1	12.3	12.5	
Printing trades machinery	3555	29.2	29.3	27.8	27.9		17.1	17.1	15.9	16.1	
General industrial machinery	356	265.0	265.7	260.5	260.6		167.2	167.9	165.8	166.1	
Pumps and pumping equipment	3561	49.6	49.2	46.0	45.5		29.4	29.2	26.4	26.5	
Ball and roller bearings	3562	44.7	46.5	45.6	45.6		32.5	33.8	34.5	34.6	
Air and gas compressors	3563	24.5	24.4	23.5	23.5		13.9	13.9	13.2	13.1	
Blowers and fans	3564	31.6	31.5	32.2	32.3		19.4	19.3	20.5	20.7	
Speed changers, drives, and gears	3566	20.6	20.5	20.5	20.8		14.4	14.2	14.1	14.2	
Power transmission equipment, nec	3568	16.0	16.1	15.9	15.6		10.8	10.9	10.7	10.4	
Office and computing machines	357	497.5	494.0	467.1	465.7		177.7	176.1	157.5	156.5	
Electronic computing equipment	3573	433.2	430.1	406.6	405.0		146.3	144.9	128.6	127.2	
Refrigeration and service machinery	358	167.4	168.6	169.1	170.1		116.7	117.5	118.8	120.0	
Refrigeration and heating equipment	3585	117.7	118.6	121.6	122.6		84.0	84.6	87.8	88.9	
Misc. machinery, except electrical	359	287.6	288.6	281.1	280.6		218.4	218.6	213.2	213.3	
Carburetors, pistons, rings, and valves	3592	36.2	36.3	33.9	33.5		29.2	29.5	27.6	27.5	
Machinery, except electrical, nec	3599	251.4	252.3	247.2	247.1		189.2	189.1	185.6	185.8	
Electrical and electronic equipment	36	2,184.0	2,181.8	2,168.6	2,167.1	2,161.2	1,269.0	1,263.3	1,254.4	1,253.5	1,252.6
Electric distributing equipment	361	115.3	114.4	114.9	114.9		82.5	82.1	83.2	83.3	
Transformers	3612	53.3	52.5	54.2	54.4		38.8	38.4	40.1	40.5	
Switchgear and switchboard apparatus	3613	62.0	61.9	60.7	60.5		43.7	43.7	43.1	42.8	
Electrical industrial apparatus	362	196.2	197.4	196.1	196.7		136.8	138.7	136.3	137.1	
Motors and generators	3621	97.2	98.4	99.1	99.2		75.0	76.3	75.9	76.1	
Industrial controls	3622	62.7	62.5	61.0	61.4		37.3	37.5	36.0	36.3	
Household appliances	363	135.1	135.0	141.2	140.2		105.6	105.9	111.0	110.1	
Household refrigerators and freezers	3632	24.0	24.4	25.6	25.6		18.4	18.8	20.6	20.6	
Household laundry equipment	3633	21.5	21.6	22.7	22.6		17.0	17.5	17.4	17.3	
Electric housewares and fans	3634	37.8	36.9	39.9	38.5		28.6	27.6	30.8	29.5	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^b	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^b
Durable goods—Continued											
Electrical and electronic equipment—Continued											
Electric lighting and wiring equipment	364	197.7	196.7	191.6	191.5		143.4	142.5	137.9	137.9	
Electric lamps	3641	27.7	27.4	27.6	27.6		23.7	23.7	23.3	23.5	
Current-carrying wiring devices	3643	79.8	79.7	75.6	75.5		52.1	51.9	48.6	48.4	
Noncurrent-carrying wiring devices	3644	17.9	17.7	16.8	16.9		12.8	12.6	12.0	12.2	
Residential lighting fixtures	3645	27.4	27.6	27.8	27.4		21.3	21.2	21.5	21.2	
Radio and TV receiving equipment	365	81.8	80.2	81.0	80.1		56.4	55.2	54.9	54.0	
Radio and TV receiving sets	3651	64.2	63.1	63.0	62.2		44.2	43.6	42.2	41.5	
Communication equipment	366	664.8	666.0	654.2	653.2		284.3	280.5	271.9	271.5	
Telephone and telegraph apparatus	3661	131.0	129.4	119.0	118.5		77.5	75.3	69.2	69.5	
Radio and TV communication equipment	3662	533.8	536.6	535.2	534.7		206.8	205.2	202.7	202.0	
Electronic components and accessories	367	638.2	637.6	637.5	638.0		351.2	349.9	353.1	353.6	
Electronic tubes	3671-3	42.1	42.3	42.1	42.1		24.6	24.5	25.9	25.8	
Semiconductors and related devices	3674	268.7	267.6	263.5	264.0		99.9	99.3	100.0	100.8	
Electronic components, nec	3679	258.7	258.6	263.6	263.5		176.0	175.0	176.1	175.7	
Misc. electrical equipment and supplies	369	154.9	154.5	152.1	152.5		108.8	108.5	106.1	106.0	
Storage batteries	3691	29.9	29.7	30.2	30.0		23.7	23.7	23.7	23.3	
Engine electrical equipment	3694	65.6	65.5	64.4	65.2		49.9	49.8	49.0	49.8	
Transportation equipment	37	2,008.9	1,994.9	2,001.2	1,999.7	1,975.6	1,275.2	1,260.0	1,256.4	1,254.3	1,232.1
Motor vehicles and equipment	371	881.2	862.1	841.9	839.2	817.0	686.2	665.0	647.5	645.6	624.3
Motor vehicles and car bodies	3711	410.2	396.9	386.4	381.2	-	311.1	296.0	286.0	281.5	-
Truck and bus bodies	3713	36.3	35.9	38.4	38.6		28.2	27.6	30.0	30.2	
Motor vehicle parts and accessories	3714	392.0	388.3	375.2	376.5		314.2	310.5	299.5	301.0	
Truck trailers	3715	28.3	25.7	26.4	27.2		22.0	19.3	20.2	20.9	
Aircraft and parts	372	660.2	665.6	687.1	689.2		317.8	324.4	339.6	341.6	
Aircraft	3721	345.7	346.2	366.0	367.7		145.0	146.5	162.5	163.8	
Aircraft engines and engine parts	3724	149.7	154.5	151.5	152.2		76.8	81.6	77.8	78.2	
Aircraft equipment, nec	3728	164.8	164.9	169.6	169.3		96.0	96.3	99.3	99.6	
Ship and boat building and repairing	373	185.1	186.1	185.3	183.7		138.9	140.1	140.5	138.5	
Ship building and repairing	3731	139.8	139.9	136.8	134.7		102.5	102.8	101.3	98.9	
Boat building and repairing	3732	45.3	46.2	48.5	49.0		36.4	37.3	39.2	39.6	
Railroad equipment	374	32.3	31.5	27.9	27.0		22.7	21.9	19.4	18.6	
Guided missiles, space vehicles, and parts	376	184.0	183.0	194.0	195.1		64.6	63.0	65.0	65.4	
Guided missiles and space vehicles	3761	142.6	141.1	148.7	149.4		49.0	47.3	47.2	47.5	
Miscellaneous transportation equipment	379	53.3	53.8	53.3	53.8		36.0	36.5	36.4	36.7	
Travel trailers and campers	3792	20.3	20.5	21.3	21.8		15.9	16.2	16.8	17.1	
Instruments and related products	38	725.6	722.5	710.4	710.5	708.0	390.8	390.5	386.1	387.8	385.9
Engineering and scientific instruments	381	84.6	83.9	82.2	82.7	-	35.7	35.9	36.3	36.9	-
Measuring and controlling devices	382	252.8	252.3	246.6	246.3		139.3	139.0	136.6	136.9	
Environmental controls	3822	42.9	42.9	41.9	41.9		27.3	27.5	26.7	26.7	
Process control instruments	3823	56.3	55.5	53.9	53.8		28.7	28.2	27.3	27.4	
Instruments to measure electricity	3825	109.0	109.3	105.0	104.8		55.6	55.7	52.6	52.4	
Optical instruments and lenses	383	33.1	33.0	31.6	31.5		16.3	16.4	15.2	15.1	
Medical instruments and supplies	384	179.5	179.2	184.8	184.6		107.8	107.6	112.7	113.1	
Surgical and medical instruments	3841	85.9	85.2	87.8	87.7		48.1	47.7	51.8	52.1	
Surgical appliances and supplies	3842	79.2	79.0	82.0	81.9		51.4	51.5	52.6	52.6	
Ophthalmic goods	385	39.8	39.6	40.9	40.9		26.2	26.3	27.3	27.7	
Photographic equipment and supplies	386	123.8	122.9	112.9	113.3		56.9	57.2	49.8	50.1	
Watches, clocks, and watchcases	387	12.0	11.6	11.4	11.2		8.6	8.1	8.2	8.0	
Miscellaneous manufacturing	39	365.5	358.5	373.8	368.5	362.9	262.0	255.7	274.1	269.2	264.4
Jewelry, silverware, and plated ware	391	55.8	53.9	55.1	54.1	-	38.2	36.2	38.9	38.0	-
Jewelry, precious metal	3911	38.4	36.7	37.6	36.7		26.2	24.5	26.3	25.4	
Musical instruments	393	14.4	14.1	15.0	15.2		11.5	11.3	12.3	12.4	
Toys and sporting goods	394	91.1	90.1	99.4	96.3		65.7	64.8	75.2	72.3	
Dolls, games, toys, and children's vehicles	3942.4	40.4	39.0	45.4	42.2		26.6	25.3	33.3	30.2	
Sporting and athletic goods, nec	3949	50.7	51.1	54.0	54.1		39.1	39.5	41.9	42.1	
Pens, pencils, office, and art supplies	395	32.3	31.7	31.6	31.5		21.4	21.1	21.4	21.3	
Costume jewelry and notions	396	40.6	37.9	42.2	41.0		31.2	28.9	33.0	32.0	
Costume jewelry	3961	22.5	21.5	23.5	23.0		17.4	16.4	18.4	17.8	
Miscellaneous manufactures	399	131.3	130.8	130.5	130.4		94.0	93.4	93.3	93.2	
Signs and advertising displays	3993	54.2	54.3	54.7	55.0		38.3	38.1	38.3	38.4	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Nondurable goods		7,815	7,745	7,905	7,886	7,822	5,493	5,432	5,594	5,578	5,524
Food and kindred products	20	1,612.4	1,574.0	1,667.4	1,646.7	1,618.6	1,126.8	1,091.1	1,179.7	1,159.6	1,133.8
Meat products	201	376.6	369.2	394.0	391.6	-	320.1	312.8	335.4	332.9	-
Meat packing plants	2011	144.6	142.3	145.6	144.5	-	121.2	119.1	121.9	120.6	-
Sausages and other prepared meats	2013	75.0	73.4	76.4	76.0	-	55.3	53.7	56.4	56.1	-
Poultry dressing plants	2016	133.8	130.0	147.2	146.3	-	122.8	119.0	134.3	133.2	-
Dairy products	202	162.3	159.9	163.6	163.9	-	96.2	94.3	97.5	97.7	-
Cheese, natural and processed	2022	40.1	38.9	39.4	39.6	-	31.0	29.7	30.4	30.4	-
Fluid milk	2026	86.9	86.3	88.0	87.9	-	42.3	42.1	43.3	43.6	-
Preserved fruits and vegetables	203	217.4	206.3	240.7	224.5	-	175.5	164.4	197.8	181.9	-
Canned specialties	2032	24.5	24.5	24.6	24.2	-	17.2	17.2	17.5	16.9	-
Canned fruits and vegetables	2033	66.5	61.6	82.8	74.7	-	52.7	47.5	67.8	59.4	-
Frozen fruits and vegetables	2037	47.7	45.1	54.4	47.8	-	41.4	38.9	47.8	41.4	-
Grain mill products	204	125.1	124.6	123.6	123.9	-	85.3	85.0	85.2	85.4	-
Flour and other grain mill products	2041	22.5	22.3	22.8	22.5	-	15.1	15.1	15.6	15.7	-
Prepared feeds, nec	2048	45.5	45.6	43.7	43.6	-	28.9	28.8	27.6	27.4	-
Bakery products	205	213.7	210.7	218.6	218.0	-	127.6	125.4	133.5	133.4	-
Bread, cake, and related products	2051	169.1	166.9	171.3	170.7	-	91.5	90.3	94.8	94.7	-
Cookies and crackers	2052	44.6	43.8	47.3	47.3	-	36.1	35.1	38.7	38.7	-
Sugar and confectionery products	206	107.0	99.5	114.2	111.0	-	85.0	78.2	91.7	89.0	-
Cane and beet sugar	2061-3	25.6	24.0	27.9	26.2	-	20.6	19.2	22.3	21.4	-
Confectionery products	2065	60.8	55.4	66.0	64.4	-	50.3	45.3	55.7	53.7	-
Fats and oils	207	36.0	35.5	34.8	35.2	-	26.8	26.2	25.5	25.6	-
Beverages	208	213.8	211.8	215.0	215.9	-	91.2	89.5	92.1	93.0	-
Malt beverages	2082	43.3	43.0	43.3	44.1	-	27.4	27.0	27.2	28.1	-
Bottled and canned soft drinks	2086	125.1	124.4	125.4	125.5	-	40.2	39.8	40.2	40.1	-
Misc. food and kindred products	209	160.5	156.5	162.9	162.7	-	119.1	115.3	121.0	120.7	-
Tobacco manufactures	21	67.0	66.1	62.5	62.2	61.4	50.8	49.8	47.8	47.2	45.9
Cigarettes	211	43.7	43.7	43.1	43.0	-	32.1	31.9	32.3	31.8	-
Textile mill products	22	702.3	698.3	719.6	719.8	714.7	607.2	603.8	624.3	624.7	621.5
Weaving mills, cotton	221	102.3	101.6	100.6	101.1	-	92.4	91.6	90.6	91.2	-
Weaving mills, synthetics	222	90.4	89.7	90.4	90.6	-	80.3	79.6	80.7	80.9	-
Weaving and finishing mills, wool	223	16.8	16.6	16.6	16.7	-	14.0	14.0	13.8	13.8	-
Narrow fabric mills	224	20.8	20.9	21.6	21.6	-	17.9	17.9	18.7	18.8	-
Knitting mills	225	198.0	197.0	207.4	206.9	-	172.4	171.1	181.3	180.6	-
Women's hosiery, except socks	2251	35.3	35.2	35.5	35.3	-	31.4	31.3	31.4	31.2	-
Hosiery, nec	2252	33.5	33.9	35.5	35.3	-	29.8	30.2	31.9	31.6	-
Knit outerwear mills	2253	64.9	64.0	71.6	71.5	-	56.9	56.0	63.3	63.3	-
Knit underwear mills	2254	24.1	23.7	23.4	23.4	-	20.1	19.6	19.5	19.4	-
Circular knit fabric mills	2257	22.2	22.1	23.1	23.2	-	19.1	19.0	20.2	20.4	-
Textile finishing, except wool	226	58.9	58.4	59.0	59.0	-	49.3	49.3	49.4	49.3	-
Finishing plants, cotton	2261	22.8	22.6	23.1	23.0	-	19.3	19.3	19.6	19.4	-
Finishing plants, synthetics	2262	21.7	21.5	21.7	21.8	-	17.7	17.6	17.5	17.6	-
Floor covering mills	227	57.6	57.0	60.3	60.0	-	47.2	47.4	50.0	49.7	-
Yarn and thread mills	228	102.1	101.8	107.1	107.3	-	90.9	90.4	95.9	96.5	-
Yarn mills, except wool	2281	73.1	72.8	76.8	77.2	-	65.8	65.6	69.6	70.0	-
Throwing and winding mills	2282	15.8	15.9	17.3	17.1	-	14.0	13.9	15.1	15.3	-
Miscellaneous textile goods	229	55.4	55.3	56.6	56.6	-	42.8	42.5	43.9	43.9	-
Apparel and other textile products	23	1,124.4	1,118.0	1,118.7	1,119.7	1,104.3	945.6	941.9	945.9	946.2	931.3
Men's and boys' suits and coats	231	63.7	62.4	60.3	60.9	-	55.2	53.9	51.8	52.4	-
Men's and boys' furnishings	232	318.6	317.6	315.0	317.1	-	275.9	274.9	271.9	274.0	-
Men's and boys' shirts and nightwear	2321	84.7	84.1	85.9	85.6	-	73.1	72.5	73.6	73.6	-
Men's and boys' separate trousers	2327	58.5	58.1	54.7	54.7	-	51.3	50.7	48.1	47.9	-
Men's and boys' work clothing	2328	100.1	100.5	96.7	98.8	-	87.7	88.3	84.5	86.6	-
Women's and misses' outerwear	233	359.0	359.7	350.0	352.4	-	298.1	300.5	295.3	297.9	-
Women's and misses' blouses and waists	2331	52.9	53.3	52.2	51.8	-	44.0	44.5	43.4	43.1	-
Women's and misses' dresses	2335	92.5	93.7	87.9	90.9	-	77.5	78.9	73.5	76.8	-
Women's and misses' suits and coats	2337	42.1	40.7	44.8	42.5	-	34.7	33.2	36.6	34.8	-
Women's and misses' outerwear, nec	2339	171.5	172.0	165.1	167.2	-	141.9	143.9	141.8	143.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	77.1	76.9	75.4	74.1	-	64.5	64.4	63.0	61.4	-
Women's and children's underwear	2341	61.5	61.2	60.5	59.4	-	52.8	52.7	51.9	50.5	-
Brassieres and allied garments	2342	15.6	15.7	14.9	14.7	-	11.7	11.7	11.1	10.9	-
Children's outerwear	236	62.8	63.4	64.4	64.5	-	52.8	53.4	54.5	54.4	-
Children's dresses and blouses	2361	26.4	26.6	27.1	27.3	-	23.3	23.5	23.9	23.9	-
Misc. apparel and accessories	238	41.9	41.0	43.6	42.5	-	34.5	33.9	36.2	35.2	-
Misc. fabricated textile products	239	183.0	178.7	191.6	189.9	-	150.2	146.3	158.7	156.4	-
Curtains and draperies	2391	26.1	25.8	27.6	27.6	-	20.9	20.6	22.6	22.3	-
House furnishings, nec	2392	51.2	49.6	54.4	53.6	-	43.5	42.0	46.4	45.6	-
Automotive and apparel trimmings	2396	37.5	37.1	40.2	39.0	-	31.3	30.9	34.0	32.7	-
Paper and allied products	26	685.5	682.8	695.1	696.8	693.1	519.8	517.2	528.2	531.2	529.6
Paper and pulp mills	261,2,6	196.8	197.1	197.3	198.0	-	150.3	151.0	150.5	151.1	-
Paper mills, except building paper	262	172.5	173.0	172.3	173.1	-	130.8	131.6	130.8	131.4	-
Paperboard mills	263	55.4	55.3	55.0	55.2	-	42.7	42.5	41.6	41.8	-
Misc. converted paper products	264	235.3	234.1	241.9	242.7	-	172.9	171.4	179.4	181.6	-
Paper coating and glazing	2641	59.4	58.9	59.7	60.1	-	37.3	36.8	37.7	38.8	-
Envelopes	2642	27.0	27.6	27.9	27.9	-	20.7	21.1	21.8	21.9	-
Bags, except textile bags	2643	51.8	52.3	54.2	54.7	-	40.8	41.2	43.0	43.4	-
Paperboard containers and boxes	265	198.0	196.3	200.9	200.9	-	153.9	152.3	156.7	156.7	-
Folding paperboard boxes	2651	43.2	42.4	43.2	43.1	-	34.3	33.5	34.4	34.3	-
Corrugated and solid fiber boxes	2653	104.0	103.9	105.4	105.3	-	78.9	78.8	79.8	79.8	-
Sanitary food containers	2654	23.7	23.6	24.2	24.3	-	19.7	19.7	20.8	20.8	-
Printing and publishing	27	1,465.6	1,459.4	1,498.7	1,502.7	1,496.9	814.4	809.0	836.7	842.9	836.7
Newspapers	271	462.5	457.8	466.4	465.7	-	173.6	170.5	174.1	175.2	-
Periodicals	272	112.8	113.2	113.2	113.8	-	31.5	31.9	36.5	36.4	-
Books	273	110.6	111.8	112.0	114.8	-	58.2	59.6	57.7	60.9	-
Book publishing	2731	80.6	81.9	82.7	84.6	-	34.1	35.6	34.7	37.1	-
Book printing	2732	30.0	29.9	29.3	30.2	-	24.1	24.0	23.0	23.8	-
Miscellaneous publishing	274	76.4	76.9	83.5	84.8	-	40.7	41.5	44.9	46.1	-
Commercial printing	275	507.8	504.2	522.5	521.9	-	371.2	366.5	379.5	379.5	-
Commercial printing, letterpress	2751	163.7	162.9	170.5	170.5	-	120.3	118.9	124.3	124.5	-
Commercial printing, lithographic	2752	317.2	314.0	323.6	323.2	-	229.8	226.4	232.6	232.7	-
Manifold business forms	276	47.9	47.8	47.5	47.8	-	33.5	33.4	33.5	33.7	-
Blankbooks and bookbinding	278	71.7	72.2	75.7	76.1	-	57.6	57.9	61.2	61.7	-
Printing trade services	279	52.3	52.2	54.6	54.8	-	38.8	39.0	40.9	41.2	-
Chemicals and allied products	28	1,032.9	1,027.4	1,020.7	1,017.9	1,017.7	573.1	568.0	569.4	566.5	568.5
Industrial inorganic chemicals	281	140.9	139.6	135.7	134.6	-	71.5	70.8	69.7	69.1	-
Industrial inorganic chemicals, nec	2819	92.8	91.4	89.5	89.0	-	49.0	48.4	49.1	48.6	-
Plastics materials and synthetics	282	168.4	168.4	165.0	164.6	-	112.4	113.0	110.8	110.3	-
Plastics materials and resins	2821	74.5	74.5	74.4	74.7	-	44.6	44.7	44.3	44.4	-
Organic fibers, noncellulosic	2824	63.7	63.3	60.6	60.2	-	45.2	45.2	43.8	43.5	-
Drugs	283	204.3	204.4	207.0	206.8	-	95.7	95.8	95.8	95.3	-
Pharmaceutical preparations	2834	164.9	165.1	166.9	166.6	-	76.6	76.6	76.5	76.3	-
Soap, cleaners, and toilet goods	284	147.0	142.6	148.2	148.3	-	92.8	87.8	93.6	92.7	-
Soap and other detergents	2841	41.2	41.4	42.2	42.1	-	26.8	26.6	26.8	26.7	-
Toilet preparations	2844	66.0	60.9	65.0	64.9	-	44.7	39.5	44.9	43.9	-
Polishing, sanitation, and finishing preparations	2842,3	39.8	40.3	41.0	41.3	-	21.3	21.7	21.9	22.1	-
Paints and allied products	285	63.1	62.9	62.4	61.7	-	29.8	29.8	30.0	29.9	-
Industrial organic chemicals	286	157.7	157.4	153.2	152.8	-	81.4	81.2	82.8	82.7	-
Cyclic crudes and intermediates	2865	30.4	30.4	29.9	29.6	-	20.3	20.3	19.6	19.4	-
Gum, wood, and industrial organic chemicals, nec	2861,9	127.3	127.0	123.3	123.2	-	61.1	60.9	63.2	63.3	-
Agricultural chemicals	287	57.6	57.9	55.8	55.8	-	35.6	35.6	34.2	34.2	-
Miscellaneous chemical products	289	93.9	94.2	93.4	93.3	-	53.9	54.0	52.5	52.3	-
Petroleum and coal products	29	167.4	164.5	159.9	157.4	156.3	102.5	100.9	102.2	100.4	99.9
Petroleum refining	291	131.8	130.6	122.6	122.3	-	78.0	77.6	75.8	75.8	-
Paving and roofing materials	295	24.5	22.7	26.7	24.4	-	18.1	16.7	20.5	18.6	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Nondurable goods—Continued											
Rubber and misc. plastics products	30	793.7	794.7	808.5	810.1	810.1	617.0	617.8	632.2	632.2	632.8
Tires and inner tubes	301	90.3	90.3	87.0	87.2	-	63.3	63.4	63.6	63.2	-
Rubber and plastics footwear	302	12.7	12.3	11.9	11.7	-	10.8	10.5	10.1	9.8	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	21.8	21.5	21.5	21.7	-	14.7	14.7	15.2	15.4	-
Fabricated rubber products, nec	306	108.3	108.1	109.1	108.8	-	83.0	83.0	83.9	83.7	-
Miscellaneous plastics products	307	560.6	562.5	579.0	580.7	-	445.2	446.2	459.4	460.1	-
Leather and leather products	31	164.0	159.4	154.2	152.5	149.0	136.1	132.0	127.5	126.7	123.7
Leather tanning and finishing	311	14.2	14.0	13.8	13.7	-	11.9	11.7	11.4	11.4	-
Footwear, except rubber	314	99.5	96.6	90.9	89.9	-	84.5	81.9	77.2	76.6	-
Men's footwear, except athletic	3143	42.3	41.5	39.1	38.7	-	34.3	33.4	31.7	31.6	-
Women's footwear, except athletic	3144	36.2	35.0	33.5	33.5	-	31.9	30.9	29.6	29.6	-
Luggage	316	11.1	11.1	10.8	10.9	-	8.2	8.2	7.7	7.8	-
Handbags and personal leather goods	317	21.1	20.1	20.4	19.6	-	16.9	16.0	16.4	15.9	-
Transportation and public utilities		5,307	5,217	5,376	5,390	5,294	4,407	4,322	4,446	4,467	4,377
Transportation		3,076	3,000	3,142	3,155	3,073	-	-	-	-	-
Railroad transportation	40	332.4	329.8	317.7	307.7	-	-	-	-	-	-
Class I railroads ²	4011	300.3	298.4	286.5	277.5	-	-	-	-	-	-
Local and interurban passenger transit	41	287.6	286.3	297.3	297.6	-	267.3	265.2	275.2	275.8	-
Local and suburban transportation	411	93.2	93.4	97.2	96.7	-	85.8	86.1	89.2	88.8	-
Taxicabs	412	37.9	37.7	36.7	36.9	-	-	-	-	-	-
Intercity highway transportation	413	35.1	35.7	35.2	35.1	-	32.3	32.0	32.1	32.0	-
School buses	415	98.3	97.5	102.5	103.5	-	-	-	-	-	-
Trucking and warehousing	42	1,433.3	1,364.9	1,454.3	1,469.8	-	1,252.0	1,184.3	1,269.4	1,287.2	-
Trucking and trucking terminals	421,3	1,334.1	1,269.9	1,348.4	1,365.9	-	1,168.3	1,104.7	1,179.5	1,199.3	-
Public warehousing	422	99.2	95.0	105.9	103.9	-	83.7	79.6	89.9	87.9	-
Water transportation	44	186.5	180.0	183.2	182.0	-	-	-	-	-	-
Local water transportation	445	27.2	25.9	27.0	26.6	-	-	-	-	-	-
Water transportation services	446	99.8	96.8	100.5	100.7	-	-	-	-	-	-
Transportation by air	45	536.9	538.7	579.0	585.3	-	-	-	-	-	-
Air transportation	451,2	471.5	473.6	511.4	516.9	-	-	-	-	-	-
Air transportation services	458	65.4	65.1	67.6	68.4	-	-	-	-	-	-
Pipe lines, except natural gas	46	18.7	18.8	18.0	17.8	-	13.5	13.6	13.2	13.0	-
Transportation services	47	280.9	281.9	292.4	294.4	-	-	-	-	-	-
Freight forwarding	471	64.5	64.0	72.5	73.5	-	-	-	-	-	-
Communication and public utilities		2,231	2,217	2,234	2,235	2,221	-	-	-	-	-
Communication	48	1,311.5	1,299.6	1,304.4	1,304.4	-	999.9	994.1	984.2	987.0	-
Telephone communication	481	898.1	886.6	885.1	884.1	-	667.6	662.1	646.2	647.1	-
Radio and television broadcasting	483	242.2	241.8	243.5	244.1	-	198.2	198.1	200.1	200.3	-
Radio broadcasting	4832	115.3	115.7	115.9	115.9	-	-	-	-	-	-
Television broadcasting	4833	126.9	126.1	127.6	128.2	-	-	-	-	-	-
Electric, gas, and sanitary services	49	919.5	917.4	929.2	930.1	-	731.5	729.6	736.2	735.0	-
Electric services	491	450.3	450.0	459.4	460.7	-	348.7	348.6	352.7	353.3	-
Gas production and distribution	492	172.5	169.4	164.2	163.8	-	135.4	132.8	130.2	129.6	-
Combination utility services	493	204.5	204.6	206.0	205.6	-	168.5	168.7	168.2	166.6	-
Sanitary services	495	66.1	67.3	72.2	72.5	-	57.6	58.1	63.1	63.5	-
Wholesale trade		5,815	5,791	5,876	5,862	5,836	4,675	4,647	4,712	4,699	4,660
Durable goods	50	3,459	3,453	3,492	3,487	3,478	2,761	2,753	2,778	2,773	-
Motor vehicles and automotive equipment	501	430.7	427.3	428.4	427.9	-	345.1	342.8	344.1	344.1	-
Automobiles and other motor vehicles	5012	108.6	107.3	107.3	108.0	-	-	-	-	-	-
Automotive parts and supplies	5013	290.2	289.0	288.6	287.5	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Wholesale trade—Continued											
Durable goods—Continued											
Furniture and home furnishings	502	135.4	133.9	138.9	137.9		110.5	107.9	111.9	111.2	
Furniture	5021	57.9	57.8	58.4	58.6		-	-	-	-	
Home furnishings	5023	77.5	76.1	80.5	79.3		-	-	-	-	
Lumber and construction materials	503	220.2	221.1	231.8	229.6		180.9	181.1	191.2	189.3	
Lumber, plywood, and millwork	5031	101.3	101.5	105.6	104.8		-	-	-	-	
Construction materials, nec	5039	118.9	119.6	126.2	124.8		-	-	-	-	
Sporting goods, toys, and hobby goods	504	82.1	82.0	84.4	83.9		67.7	67.5	69.1	68.8	
Metals and minerals, except petroleum	505	139.8	139.3	137.0	135.7		110.5	110.4	107.9	106.7	
Electrical goods	506	503.2	499.9	495.9	496.6		388.0	385.7	377.2	377.1	
Electrical apparatus and equipment	5063	272.7	272.8	269.8	270.2		-	-	-	-	
Electrical appliances, TV and radios	5064	74.9	74.4	74.7	75.0		-	-	-	-	
Electronic parts and equipment	5065	155.6	152.7	151.4	151.4		-	-	-	-	
Hardware, plumbing, and heating equipment	507	260.1	261.5	269.1	268.8		209.0	208.5	216.4	216.2	
Hardware	5072	87.1	87.1	90.8	90.8		-	-	-	-	
Plumbing and hydronic heating supplies	5074	105.5	105.7	107.6	108.0		-	-	-	-	
Machinery, equipment, and supplies	508	1,490.8	1,492.0	1,503.2	1,503.1		1,190.9	1,191.7	1,196.8	1,195.9	
Commercial machines and equipment	5081	538.7	541.0	552.8	554.6		-	-	-	-	
Construction and mining machinery	5082	80.7	81.1	82.5	82.3		-	-	-	-	
Farm machinery and equipment	5083	126.3	124.5	125.1	124.5		-	-	-	-	
Industrial machinery and equipment	5084	321.5	321.6	309.2	307.7		-	-	-	-	
Industrial supplies	5085	133.7	133.5	133.1	133.5		-	-	-	-	
Professional equipment and supplies	5086	175.9	176.0	180.4	180.2		-	-	-	-	
Miscellaneous durable goods	509	196.3	196.3	203.3	203.2		158.0	157.5	163.8	163.8	
Scrap and waste materials	5093	89.8	89.4	91.7	91.3		-	-	-	-	
Nondurable goods	51	2,356	2,338	2,384	2,375	2,358	1,914	1,894	1,934	1,926	
Paper and paper products	511	187.5	189.3	188.8	187.2	-	152.5	154.1	152.8	151.9	
Drugs, proprietaries, and sundries	512	172.3	170.6	175.0	176.0		143.3	142.1	144.6	145.3	
Apparel, piece goods, and notions	513	192.4	192.6	198.6	197.8		145.1	143.4	149.0	148.6	
Groceries and related products	514	747.7	741.9	768.4	770.6		633.8	626.7	650.1	652.1	
Groceries, general line	5141	243.7	243.9	249.8	250.3		-	-	-	-	
Meats and meat products	5147	66.9	66.1	66.3	66.5		-	-	-	-	
Fresh fruits and vegetables	5148	88.3	87.0	95.3	97.6		-	-	-	-	
Chemicals and allied products	516	132.4	132.3	129.5	129.5		95.5	95.7	93.0	93.2	
Petroleum and petroleum products	517	204.6	204.0	199.1	197.9		157.7	157.4	153.7	153.0	
Petroleum bulk stations and terminals	5171	84.5	84.4	81.2	80.8		-	-	-	-	
Petroleum products, nec	5172	120.1	119.6	117.9	117.1		-	-	-	-	
Beer, wine, and distilled beverages	518	151.9	148.2	152.5	153.1		126.1	122.7	125.6	126.0	
Beer and ale	5181	93.1	91.6	94.8	94.5		-	-	-	-	
Wines and distilled beverages	5182	58.8	56.6	57.7	58.6		-	-	-	-	
Miscellaneous nondurable goods	519	430.5	426.8	434.2	429.6		347.5	343.2	351.6	347.9	
Farm supplies	5191	145.9	145.9	145.6	140.9		-	-	-	-	
Retail trade		18,201	17,486	18,452	18,799	18,107	16,256	15,557	16,446	16,791	16,086
Building materials and garden supplies	52	681.6	659.5	695.6	691.8		574.7	552.3	580.3	576.3	
Lumber and other building materials	521	361.5	354.0	375.1	370.8		307.5	299.8	317.3	313.4	
Hardware stores	525	160.8	154.1	158.9	159.4		136.5	130.3	133.2	133.6	
General merchandise stores	53	2,615.9	2,386.6	2,518.9	2,624.6	2,441.1	2,469.9	2,245.9	2,373.9	2,480.6	
Department stores	531	2,201.1	2,018.4	2,127.1	2,210.0	-	2,096.6	1,917.7	2,024.2	2,108.5	
Variety stores	533	253.0	229.0	246.8	258.0		231.2	207.4	223.2	234.5	
Misc. general merchandise stores	539	161.8	139.2	145.0	156.6		142.1	120.8	126.5	137.6	
Food stores	54	2,907.8	2,874.4	3,004.0	3,040.7	3,000.0	2,689.5	2,658.8	2,771.7	2,810.2	
Grocery stores	541	2,511.8	2,507.6	2,603.7	2,620.4	-	2,337.8	2,334.0	2,414.0	2,430.9	
Meat markets and freezer provisioners	542	64.0	62.2	65.5	66.5		-	-	-	-	
Dairy products stores	545	52.8	46.4	51.1	54.3		-	-	-	-	
Retail bakeries	546	164.8	161.0	170.3	173.9		148.3	144.8	154.4	158.3	
Automotive dealers and service stations	55	1,908.9	1,912.1	1,971.4	1,969.8	1,975.7	1,602.1	1,605.3	1,651.7	1,652.3	
New and used car dealers	551,2	923.4	926.1	952.4	951.5	-	766.9	769.8	789.1	788.8	
Auto and home supply stores	553	306.1	302.0	313.7	312.7		245.4	242.0	254.7	254.2	
Gasoline service stations	554	597.8	603.3	617.0	618.8		525.4	530.1	537.5	540.0	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Retail trade—Continued											
Apparel and accessory stores	56	1,168.3	1,076.6	1,133.7	1,207.7		996.8	906.5	961.9	1,032.9	
Men's and boys' clothing and furnishings	561	126.0	114.6	116.1	125.7		106.5	96.1	97.1	106.1	
Women's ready-to-wear stores	562	421.2	393.8	412.2	434.0		360.3	332.7	353.4	373.2	
Family clothing stores	565	255.2	224.5	243.4	268.5		224.5	194.5	212.0	236.5	
Shoe stores	566	223.9	213.1	215.8	226.5		183.8	171.8	173.8	184.7	
Furniture and home furnishings stores	57	789.9	775.1	818.4	834.3		659.5	643.7	683.2	698.9	
Furniture and home furnishings stores	571	435.9	427.1	457.5	464.0		357.9	349.6	378.3	384.1	
Furniture stores	5712	271.6	267.1	281.3	285.1		-	-	-	-	
Household appliance stores	572	90.3	88.1	87.9	88.4		76.7	74.9	74.9	75.6	
Radio, television, and music stores	573	263.7	259.9	273.0	281.9		224.9	219.2	230.0	239.2	
Radio and television stores	5732	191.1	189.2	197.8	202.0		-	-	-	-	
Music stores	5733	72.6	70.7	75.2	79.9		-	-	-	-	
Eating and drinking places	58	5,749.6	5,550.8	5,958.1	5,994.8	5,785.6	5,217.8	5,025.6	5,425.0	5,459.6	
Miscellaneous retail	59	2,379.2	2,251.2	2,351.6	2,435.4		2,045.9	1,919.3	1,998.3	2,080.1	
Drug stores and proprietary stores	591	564.8	557.0	575.5	586.5		486.3	478.8	490.8	502.0	
Liquor stores	592	132.1	127.7	131.4	134.0		-	-	-	-	
Miscellaneous shopping goods stores	594	846.3	765.8	817.1	869.8		725.0	646.2	693.0	745.7	
Sporting goods and bicycle shops	5941	137.9	131.5	138.6	143.2		-	-	-	-	
Book stores	5942	83.7	81.0	78.7	82.2		-	-	-	-	
Stationery stores	5943	78.0	77.5	78.2	79.3		-	-	-	-	
Jewelry stores	5944	169.3	155.5	158.5	169.3		-	-	-	-	
Gift, novelty, and souvenir shops	5947	149.8	135.0	141.1	152.3		-	-	-	-	
Sewing, needlework, and piece goods	5949	70.5	69.1	69.7	70.2		-	-	-	-	
Nonstore retailers	596	286.8	260.9	269.6	272.5		260.1	235.2	245.3	247.6	
Mail order houses	5961	143.1	126.0	135.4	136.2		-	-	-	-	
Merchandising machine operators	5962	82.9	82.3	81.7	82.5		-	-	-	-	
Fuel and ice dealers	598	112.2	114.2	116.7	119.5		94.8	96.5	98.1	100.4	
Retail stores, nec	599	359.5	348.0	360.2	371.5		301.8	289.1	295.4	305.6	
Finance, insurance, and real estate³		6,080	6,072	6,414	6,453	6,440	4,497	4,484	4,731	4,754	4,731
Finance		3,051	3,059	3,214	3,233	3,235					
Banking	60	1,735.3	1,736.2	1,760.0	1,765.6		1,268.2	1,266.8	1,275.7	1,279.5	
Commercial and stock savings banks	602	1,566.9	1,567.4	1,579.1	1,583.1		1,139.2	1,138.0	1,140.0	1,142.3	
State banks, Federal Reserve	6022	340.5	340.7	351.9	353.0		-	-	-	-	
State banks, not Federal Reserve	6023,4	380.8	380.8	383.9	385.1		-	-	-	-	
Mutual savings banks	603	81.5	82.2	85.6	86.1		-	-	-	-	
Credit agencies other than banks	61	787.0	793.8	872.9	878.4		599.1	603.9	663.6	668.2	
Savings and loan associations	612	360.3	360.4	386.5	389.2		276.1	275.5	295.7	297.8	
Federal savings and loan associations	6122	202.7	202.8	217.7	219.4		-	-	-	-	
State associations, insured	6123	147.2	147.0	157.3	158.2		-	-	-	-	
Personal credit institutions	614	220.6	224.0	234.6	235.9		172.2	175.5	184.5	185.7	
Business credit institutions	615	51.8	52.4	55.1	55.2		-	-	-	-	
Mortgage bankers and brokers	616	130.8	133.0	171.8	173.3		-	-	-	-	
Security, commodity brokers, and services	62	363.4	363.7	403.7	409.8		-	-	-	-	
Security brokers and dealers	621	290.8	291.0	322.9	327.4		-	-	-	-	
Holding and other investment offices	67	165.7	165.3	177.0	179.0		-	-	-	-	
Insurance		1,866	1,873	1,977	1,988	1,995					
Insurance carriers	63	1,299.0	1,300.2	1,352.3	1,357.7		884.7	883.8	913.7	916.1	
Life insurance	631	555.3	553.7	560.1	560.7		339.9	337.2	340.4	340.3	
Medical service and health insurance	632	175.2	175.9	184.5	185.4		142.6	143.1	149.5	150.2	
Fire, marine, and casualty insurance	633	478.5	479.7	506.1	508.8		333.0	333.7	346.4	347.5	
Title insurance	636	52.6	53.1	59.6	60.2		-	-	-	-	
Insurance agents, brokers, and service	64	567.3	572.9	625.1	629.9		-	-	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Finance, insurance, and real estate—Continued											
Real estate, and combined real estate, insurance, etc		1,163	1,140	1,223	1,232	1,210					
Real estate	65	1,148.6	1,125.7	1,209.8	1,218.8						
Real estate operators and lessors	651	514.7	497.2	517.9	522.7						
Real estate agents and managers	653	469.8	468.5	509.3	517.0						
Subdividers and developers	655	137.7	133.6	151.2	146.7						
Combined real estate, insurance, etc	66	14.1	14.0	13.6	13.5						
Services		22,389	22,208	23,451	23,449	23,281	19,701	19,499	20,575	20,566	20,372
Hotels and other lodging places	70	1,295.0	1,265.6	1,340.6	1,332.5		-	-	-	-	
Hotels, motels, and tourist courts	701	1,260.9	1,234.2	1,305.3	1,298.2		1,129.6	1,105.3	1,163.5	1,157.5	
Personal services	72	1,072.9	1,109.6	1,127.5	1,132.4		-	-	-	-	
Laundry, cleaning, and garment services	721	390.6	389.8	405.2	406.7		348.7	348.0	360.8	361.8	
Photographic studios, portrait	722	58.8	52.2	64.8	63.9		-	-	-	-	
Beauty shops	723	344.7	344.4	353.7	355.8		309.8	310.5	321.0	322.1	
Funeral service and crematories	726	74.5	74.3	76.8	77.6		-	-	-	-	
Business services	73	4,651.5	4,597.3	4,965.1	4,981.7	4,928.3	4,027.6	3,958.2	4,273.5	4,289.5	
Advertising	731	193.9	192.7	193.7	193.9	-	142.4	142.1	143.3	142.9	
Advertising agencies	7311	145.0	144.2	144.2	144.6		-	-	-	-	
Credit reporting and collection	732	91.7	91.3	101.4	102.3		-	-	-	-	
Mailing, reproduction, and stenographic	733	197.3	197.6	212.6	211.5		-	-	-	-	
Services to buildings	734	662.1	677.7	709.8	707.7		602.3	601.9	642.9	641.8	
Personnel supply services	736	972.5	917.1	1,082.5	1,092.5		-	-	-	-	
Employment agencies	7361	169.7	165.9	198.9	198.1		-	-	-	-	
Temporary help supply services	7362	757.9	706.3	837.8	848.9		-	-	-	-	
Computer and data processing services	737	572.3	574.6	594.3	599.3		467.4	468.6	470.3	473.8	
Computer programming and software	7372	208.1	208.5	217.6	220.6		-	-	-	-	
Data processing services	7374	269.1	270.1	276.7	278.7		-	-	-	-	
Miscellaneous business services	739	1,953.0	1,937.7	2,061.5	2,065.2		-	-	-	-	
Research development laboratories, nec	7391	186.1	186.2	196.9	197.6		-	-	-	-	
Management and public relations	7392	533.2	535.4	578.5	577.3		-	-	-	-	
Detective and protective services	7393	444.2	439.3	458.6	461.0		-	-	-	-	
Equipment rental and leasing	7394	184.7	182.0	191.3	191.2		-	-	-	-	
Photofinishing laboratories	7395	81.0	77.9	83.4	83.6		-	-	-	-	
Auto repair, services, and garages	75	743.6	742.6	776.6	776.3		624.1	622.4	649.8	648.5	
Automotive rentals, without drivers	751	156.3	153.5	171.4	170.3		-	-	-	-	
Automotive repair shops	753	451.6	449.9	464.9	463.4		376.3	374.1	387.2	385.7	
Miscellaneous repair services	76	331.9	327.0	329.0	327.9		276.1	271.9	272.9	272.2	
Electrical repair shops	762	103.6	103.0	105.8	106.3		-	-	-	-	
Motion pictures	78	214.3	212.1	222.3	223.3		181.7	179.4	187.9	189.3	
Motion picture production and services	781	104.4	103.1	116.4	115.5		86.9	85.4	96.2	95.4	
Motion picture theaters	783	98.8	98.0	94.5	96.3		-	-	-	-	
Amusement and recreation services	79	771.9	730.3	862.8	866.3		677.3	637.4	756.5	758.5	
Health services	80	6,410.5	6,431.3	6,688.2	6,715.5	6,749.3	5,703.1	5,717.1	5,945.0	5,968.0	
Offices of physicians	801	976.0	985.3	1,033.9	1,040.5	-	809.7	814.6	853.7	859.4	
Offices of dentists	802	448.3	449.0	467.0	468.4		398.5	399.0	413.1	414.4	
Nursing and personal care facilities	805	1,244.8	1,247.6	1,308.4	1,312.6		1,125.4	1,127.5	1,181.8	1,185.9	
Skilled nursing care facilities	8051	818.9	821.5	860.0	863.2		-	-	-	-	
Nursing and personal care, nec	8059	425.9	426.1	448.4	449.4		-	-	-	-	
Hospitals	806	3,003.0	3,004.2	3,072.5	3,078.6		2,735.6	2,736.9	2,800.0	2,803.9	
General medical and surgical hospitals	8062	2,819.7	2,821.2	2,884.3	2,889.9		-	-	-	-	
Psychiatric hospitals	8063	58.4	58.2	59.9	59.8		-	-	-	-	
Specialty hospitals, excluding psychiatric	8069	124.9	124.8	128.3	128.9		-	-	-	-	
Medical and dental laboratories	807	122.6	122.6	134.3	135.0		-	-	-	-	
Outpatient care facilities	808	227.7	231.1	248.5	252.4		-	-	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Services—Continued											
Legal services	81	704.1	708.6	751.4	753.6		597.2	600.1	632.0	634.5	
Educational services	82	1,442.9	1,373.2	1,490.0	1,460.8						
Elementary and secondary schools	821	397.5	396.1	396.5	395.7						
Colleges and universities	822	907.5	840.2	949.0	922.0						
Correspondence and vocational schools	824	68.2	67.5	69.6	69.1						
Social services	83	1,398.6	1,390.9	1,465.2	1,467.8						
Individual and family services	832	269.8	269.2	296.5	297.0						
Job training and related services	833	212.9	209.9	217.7	218.1						
Residential care	836	301.5	301.9	315.3	318.0						
Museums, botanical and zoological gardens	84	41.5	40.5	45.1	45.4						
Membership organizations	86	1,514.7	1,498.6	1,501.7	1,504.7						
Business associations	861	88.5	88.5	88.9	88.3						
Labor organizations	863	142.4	142.2	142.7	146.2						
Civic and social associations	864	340.5	324.5	332.0	329.8						
Miscellaneous services	89	1,259.8	1,275.2	1,305.1	1,305.8		1,032.6	1,045.6	1,061.5	1,062.3	
Engineering and architectural services	891	693.4	692.0	717.5	715.3		587.4	585.9	603.1	601.8	
Noncommercial research organizations	892	118.9	117.1	122.7	122.8		-	-	-	-	
Accounting, auditing, and bookkeeping	893	421.0	439.5	437.7	440.5		330.9	347.0	339.8	341.8	
Government		16,860	16,617	17,206	17,156	16,889					
Federal Government⁴		2,902	2,892	2,879	2,899	2,886					
Executive, by agency ¹		2,845.4	2,755.0	2,824.3							
Department of Defense		996.0	966.4	971.3							
Postal Service ⁵		776.7	713.5	796.8							
Other executive agencies		1,072.7	1,075.1	1,056.2							
Legislative		38.4	39.4	36.3							
Judicial		18.1	17.1	18.7							
Federal government, by industry:											
Manufacturing activities		128.8	129.1	122.1	125.4						
Shipbuilding and repairing	3731	77.8	78.1	73.9	74.4						
Transportation and public utilities, except Postal Service		39.1	38.9	39.1	38.6						
Services		410.7	409.7	404.9	404.8						
Hospitals	806	249.6	250.1	245.7	246.1						
State government		3,974	3,880	4,080	4,050	3,940					
Hospitals	806	456.0	455.6	460.1	461.4	-					
Education	82	1,668.0	1,563.8	1,730.2	1,698.8						
General administration, including executive, legislative, and judicial functions		1,257.8	1,267.4	1,286.5	1,284.0						
Local government		9,984	9,845	10,247	10,207	10,063					
Transportation and public utilities		509.5	509.0	512.2	509.8	-					
Hospitals	806	613.8	615.0	627.0	627.5						
Education	82	5,676.1	5,559.0	5,861.0	5,849.6						
General administration, including executive, legislative, and judicial functions		2,884.1	2,865.6	2,952.3	2,927.2						

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 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 are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1985 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	Oct. 1985	Nov. 1985	Sept. 1986	Oct. 1986	Nov. 1986
Total	44,760	45,135	46,070	46,622	46,999
Total private	36,356	36,613	37,744	37,924	38,179
Goods-producing	6,892	6,878	6,966	6,961	6,949
Mining	120	120	102	102	101
Construction	483	483	528	528	527
Manufacturing	6,289	6,275	6,336	6,331	6,321
Durable goods	3,022	3,022	3,020	3,025	3,028
Lumber and wood products	109	109	117	118	117
Furniture and fixtures	153	153	155	156	158
Stone, clay, and glass products	114	114	117	115	115
Primary metal industries	102	102	101	101	101
Fabricated metal products	324	323	326	326	327
Machinery, except electrical	464	462	445	446	447
Electrical and electronic equipment	909	907	904	905	903
Transportation equipment	364	367	377	378	381
Instruments and related products	308	310	308	307	307
Miscellaneous manufacturing	175	174	171	174	173
Nondurable goods	3,267	3,253	3,316	3,306	3,293
Food and kindred products	525	509	560	541	529
Tobacco manufactures	25	24	23	23	22
Textile mill products	339	339	348	348	350
Apparel and other textile products	909	906	897	901	896
Paper and allied products	167	168	171	171	171
Printing and publishing	611	618	632	637	641
Chemicals and allied products	286	285	290	288	288
Petroleum and coal products	27	27	25	24	24
Rubber and misc. plastics products	277	278	280	283	282
Leather and leather products	100	100	91	90	91
Service-producing	37,868	38,257	39,104	39,661	40,050
Transportation and public utilities	1,477	1,475	1,517	1,520	1,525
Wholesale trade	1,667	1,671	1,718	1,731	1,732
Retail trade	9,202	9,404	9,535	9,588	9,793
Finance, insurance, and real estate	3,690	3,722	3,963	3,974	3,995
Services	13,428	13,463	14,045	14,150	14,185
Government	8,404	8,522	8,326	8,698	8,820
Federal	1,014	1,017	1,026	1,023	1,024
State	1,861	1,880	1,826	1,919	1,938
Local	5,529	5,625	5,474	5,756	5,858

NOTE: Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1985 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. ^P	Jan. ^P
Total ...	99,296	99,429	99,484	99,783	99,918	99,843	100,105	100,283	100,560	100,826	101,068	101,293	101,741
Total private ...	82,659	82,748	82,785	83,072	83,198	83,161	83,508	83,655	83,786	83,956	84,178	84,368	84,830
Goods-producing ...	25,101	25,038	24,945	25,038	24,965	24,854	24,869	24,888	24,858	24,865	24,891	24,920	25,054
Mining ...	897	880	852	821	790	772	768	753	743	746	742	740	729
Oil and gas extraction	556	541	518	488	461	446	442	431	422	423	420	413	410
Construction ...	4,901	4,864	4,838	4,972	4,974	4,947	4,980	5,012	5,010	5,001	4,993	4,997	5,139
General building contractors ..	1,330	1,320	1,298	1,315	1,314	1,299	1,299	1,306	1,301	1,302	1,307	1,296	1,344
Manufacturing ..	19,303	19,294	19,255	19,245	19,201	19,135	19,121	19,123	19,105	19,118	19,156	19,183	19,186
Durable goods	11,466	11,455	11,418	11,415	11,378	11,307	11,294	11,302	11,271	11,266	11,282	11,286	11,272
Lumber and wood products	716	716	715	719	719	721	724	729	734	737	743	747	753
Furniture and fixtures	494	494	493	494	496	496	498	499	500	500	500	502	505
Stone, clay, and glass products ..	596	597	594	600	599	597	593	592	594	590	591	593	593
Primary metal industries	798	795	787	785	780	761	758	751	749	749	751	752	740
Blast furnaces and basic steel products ..	300	299	293	291	288	286	285	272	270	272	271	270	266
Fabricated metal products	1,455	1,452	1,450	1,451	1,447	1,440	1,428	1,429	1,433	1,429	1,427	1,431	1,428
Machinery, except electrical	2,137	2,127	2,118	2,111	2,100	2,089	2,079	2,072	2,044	2,039	2,036	2,030	2,033
Electrical and electronic equipment ..	2,182	2,181	2,177	2,177	2,175	2,143	2,169	2,168	2,162	2,167	2,166	2,165	2,161
Transportation equipment	1,996	1,998	1,989	1,986	1,972	1,974	1,969	1,985	1,979	1,979	1,993	1,986	1,976
Motor vehicles and equipment	867	864	858	854	839	839	839	839	834	824	837	828	820
Instruments and related products ..	724	725	726	723	721	717	713	713	713	713	710	710	710
Miscellaneous manufacturing	368	370	369	369	369	369	363	364	363	363	365	370	373
Nondurable goods	7,837	7,839	7,837	7,830	7,823	7,828	7,827	7,821	7,834	7,852	7,874	7,897	7,914
Food and kindred products	1,623	1,631	1,632	1,633	1,640	1,648	1,645	1,642	1,644	1,644	1,654	1,657	1,669
Tobacco manufactures	64	63	63	63	62	62	62	59	60	59	61	60	59
Textile mill products	702	705	707	703	705	707	710	711	709	711	717	719	718
Apparel and other textile products ..	1,133	1,122	1,117	1,119	1,113	1,106	1,108	1,108	1,110	1,113	1,112	1,124	1,119
Paper and allied products	687	687	688	689	689	690	687	685	691	694	694	697	697
Printing and publishing	1,461	1,467	1,469	1,472	1,474	1,477	1,483	1,481	1,485	1,491	1,493	1,494	1,498
Chemicals and allied products	1,034	1,032	1,031	1,028	1,024	1,026	1,025	1,026	1,025	1,023	1,023	1,020	1,025
Petroleum and coal products	168	167	166	166	166	164	163	163	162	161	160	159	160
Rubber and misc. plastics products ..	802	803	804	800	796	797	792	794	797	805	809	814	817
Leather and leather products	163	162	160	157	154	151	152	152	151	151	151	153	152
Service-producing ..	74,195	74,391	74,539	74,745	74,953	74,989	75,236	75,395	75,702	75,961	76,177	76,373	76,687
Transportation and public utilities ..	5,286	5,277	5,280	5,266	5,265	5,167	5,288	5,255	5,316	5,316	5,351	5,359	5,363
Transportation	3,056	3,048	3,053	3,040	3,037	3,035	3,057	3,063	3,088	3,094	3,117	3,124	3,129
Communication and public utilities ..	2,230	2,229	2,227	2,226	2,228	2,132	2,231	2,192	2,228	2,222	2,234	2,235	2,234
Wholesale trade	5,830	5,843	5,841	5,864	5,872	5,829	5,849	5,863	5,859	5,864	5,859	5,855	5,874
Durable goods	3,470	3,482	3,480	3,485	3,488	3,454	3,483	3,485	3,485	3,489	3,489	3,487	3,495
Nondurable goods	2,360	2,361	2,361	2,379	2,384	2,375	2,366	2,378	2,374	2,375	2,370	2,368	2,379
Retail trade	17,734	17,795	17,828	17,851	17,911	17,944	17,992	18,030	18,065	18,143	18,197	18,198	18,364
General merchandise stores	2,328	2,333	2,333	2,342	2,344	2,350	2,354	2,359	2,362	2,379	2,367	2,327	2,382
Food stores	2,880	2,891	2,901	2,910	2,917	2,932	2,938	2,951	2,952	2,963	2,968	2,978	3,006
Automotive dealers and service stations ..	1,929	1,938	1,939	1,940	1,944	1,945	1,950	1,962	1,970	1,973	1,977	1,984	1,994
Eating and drinking places	5,831	5,854	5,868	5,859	5,889	5,918	5,931	5,923	5,948	5,982	6,006	6,049	6,077
Finance, insurance, and real estate ..	6,123	6,157	6,184	6,228	6,261	6,295	6,334	6,364	6,388	6,409	6,429	6,469	6,491
Finance	3,066	3,082	3,095	3,120	3,137	3,159	3,176	3,192	3,202	3,212	3,220	3,236	3,241
Insurance	1,878	1,889	1,900	1,910	1,918	1,927	1,945	1,952	1,962	1,971	1,979	1,990	1,999
Real estate ..	1,179	1,186	1,189	1,198	1,206	1,209	1,213	1,220	1,224	1,226	1,230	1,243	1,251
Services	22,585	22,638	22,707	22,825	22,924	23,072	23,176	23,255	23,300	23,359	23,451	23,567	23,684
Business services	4,660	4,687	4,698	4,750	4,755	4,792	4,835	4,848	4,883	4,908	4,926	4,962	4,998
Health services	6,447	6,471	6,497	6,511	6,543	6,571	6,601	6,634	6,649	6,677	6,695	6,729	6,763
Government	16,637	16,681	16,699	16,711	16,720	16,682	16,597	16,628	16,774	16,870	16,890	16,925	16,911
Federal	2,918	2,918	2,923	2,914	2,899	2,875	2,866	2,875	2,901	2,896	2,899	2,911	2,912
State	3,916	3,924	3,927	3,938	3,936	3,927	3,921	3,919	3,932	3,959	3,965	3,978	3,976
Local	9,803	9,839	9,849	9,859	9,885	9,880	9,810	9,834	9,941	10,015	10,026	10,036	10,023

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1985

benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1982 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1985		1986										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Total	44,601	44,753	44,955	45,127	45,237	45,397	45,556	45,602	45,758	45,906	46,074	46,271	46,440
Total private	36,319	36,446	36,639	36,767	36,867	37,014	37,142	37,182	37,386	37,508	37,568	37,720	37,869
Goods-producing	6,847	6,866	6,893	6,889	6,887	6,893	6,885	6,866	6,874	6,872	6,877	6,895	6,914
Mining	120	119	120	120	118	114	112	108	106	105	102	102	101
Construction	482	486	494	493	499	505	510	512	517	518	520	522	526
Manufacturing	6,245	6,261	6,279	6,276	6,270	6,274	6,263	6,246	6,251	6,249	6,255	6,271	6,287
Durable goods	3,012	3,011	3,020	3,017	3,014	3,019	3,016	2,996	3,003	3,008	3,008	3,013	3,016
Lumber and wood products	109	110	110	111	112	111	112	113	114	115	115	116	117
Furniture and fixtures	152	152	152	153	154	154	155	155	155	155	155	156	156
Stone, clay, and glass products	113	113	115	114	113	114	114	115	115	114	114	113	114
Primary metal industries	103	103	103	103	102	102	101	99	99	101	101	101	101
Fabricated metal products	322	322	322	322	322	324	323	324	322	322	325	324	325
Machinery, except electrical	463	461	464	460	460	461	458	456	454	451	448	448	448
Electrical and electronic equipment	906	905	905	903	901	902	903	887	901	903	901	903	901
Transportation equipment	366	366	368	370	369	370	370	369	370	373	374	377	380
Instruments and related products	309	310	311	311	312	311	310	309	308	308	308	308	306
Miscellaneous manufacturing	169	169	170	170	169	170	170	169	165	166	167	167	168
Nondurable goods	3,233	3,250	3,259	3,259	3,256	3,255	3,247	3,250	3,248	3,241	3,247	3,258	3,271
Food and kindred products	500	508	507	513	513	512	513	517	512	510	511	513	519
Tobacco manufactures	23	22	22	22	22	22	21	21	21	19	20	20	21
Textile mill products	337	337	340	342	343	341	343	343	346	345	344	344	347
Apparel and other textile products	901	908	912	902	899	902	895	892	894	889	890	892	891
Paper and allied products	168	167	167	168	168	168	168	168	169	168	169	170	171
Printing and publishing	616	617	619	622	623	626	625	629	632	632	634	637	639
Chemicals and allied products	286	287	287	287	287	286	287	288	287	288	288	289	289
Petroleum and coal products	27	27	26	26	26	26	26	25	25	25	25	24	24
Rubber and misc. plastics products	278	279	282	281	281	279	278	278	274	275	277	281	282
Leather and leather products	97	98	97	96	94	93	91	89	88	90	89	88	88
Service-producing	37,754	37,887	38,062	38,238	38,350	38,504	38,671	38,736	38,884	39,034	39,197	39,376	39,526
Transportation and public utilities	1,468	1,472	1,475	1,478	1,482	1,483	1,486	1,441	1,501	1,482	1,506	1,506	1,519
Wholesale trade	1,653	1,660	1,676	1,689	1,691	1,707	1,718	1,706	1,715	1,715	1,713	1,712	1,713
Retail trade	9,185	9,193	9,268	9,313	9,347	9,362	9,383	9,392	9,422	9,479	9,488	9,531	9,563
Finance, insurance, and real estate	3,730	3,748	3,771	3,796	3,816	3,848	3,878	3,904	3,932	3,957	3,967	3,982	4,003
Services	13,436	13,507	13,556	13,602	13,644	13,721	13,792	13,873	13,942	14,003	14,017	14,094	14,157
Government	8,282	8,307	8,316	8,360	8,370	8,383	8,414	8,420	8,372	8,398	8,506	8,551	8,571
Federal	1,026	1,031	1,034	1,038	1,036	1,034	1,030	1,020	1,017	1,021	1,031	1,030	1,033
State	1,821	1,824	1,832	1,843	1,847	1,856	1,863	1,868	1,868	1,867	1,861	1,872	1,878
Local	5,435	5,452	5,450	5,479	5,487	5,493	5,521	5,532	5,487	5,510	5,614	5,649	5,660

NOTE: Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1982 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. ^P	Jan. ^P
Total private	66,856	66,945	66,916	67,167	67,261	67,223	67,517	67,632	67,742	67,854	68,076	68,239	68,595
Goods-producing	17,597	17,536	17,454	17,546	17,475	17,388	17,395	17,429	17,407	17,408	17,452	17,480	17,598
Mining	634	622	598	573	547	535	533	526	520	522	523	521	509
Construction	3,852	3,817	3,795	3,913	3,903	3,874	3,901	3,932	3,927	3,912	3,909	3,908	4,030
Manufacturing	13,111	13,097	13,061	13,060	13,025	12,979	12,961	12,971	12,960	12,974	13,020	13,051	13,059
Durable goods	7,595	7,579	7,545	7,547	7,519	7,462	7,441	7,458	7,438	7,435	7,452	7,463	7,451
Lumber and wood products	602	602	602	605	605	606	604	610	615	618	623	626	629
Furniture and fixtures	394	394	395	395	397	397	398	400	401	402	400	402	404
Stone, clay, and glass products	459	459	459	463	462	460	458	456	457	454	455	459	457
Primary metal industries	606	604	596	596	591	574	569	562	560	560	562	563	554
Blast furnaces and basic steel products	232	231	225	224	222	220	220	207	204	206	203	203	200
Fabricated metal products	1,076	1,072	1,069	1,073	1,068	1,062	1,052	1,054	1,058	1,056	1,055	1,060	1,059
Machinery, except electrical	1,280	1,272	1,267	1,263	1,256	1,250	1,240	1,239	1,215	1,211	1,205	1,203	1,206
Electrical and electronic equipment	1,262	1,258	1,252	1,249	1,250	1,224	1,246	1,249	1,245	1,247	1,252	1,251	1,251
Transportation equipment	1,259	1,258	1,247	1,245	1,233	1,233	1,223	1,235	1,235	1,236	1,249	1,241	1,230
Motor vehicles and equipment	669	666	660	658	645	644	629	640	639	630	642	634	627
Instruments and related products	391	392	392	392	390	389	387	389	388	387	385	387	386
Miscellaneous manufacturing	266	268	266	266	267	267	264	264	264	264	266	271	275
Nondurable goods	5,516	5,518	5,516	5,513	5,506	5,517	5,520	5,513	5,522	5,539	5,568	5,588	5,608
Food and kindred products	1,137	1,145	1,145	1,145	1,149	1,160	1,158	1,153	1,157	1,155	1,168	1,169	1,181
Tobacco manufactures	48	47	48	48	47	46	47	43	44	44	46	45	44
Textile mill products	608	609	611	607	610	611	614	615	612	616	622	624	625
Apparel and other textile products	956	946	940	943	938	933	936	935	937	940	940	951	945
Paper and allied products	521	521	521	522	523	524	522	519	523	527	528	532	533
Printing and publishing	811	815	817	820	820	823	828	825	827	832	833	836	839
Chemicals and allied products	573	574	573	572	569	572	572	574	572	571	572	568	574
Petroleum and coal products	104	104	103	103	103	103	102	103	102	102	102	102	103
Rubber and misc. plastics products	623	623	625	623	620	621	617	621	624	628	632	634	637
Leather and leather products	135	134	133	130	127	124	124	125	124	124	125	127	127
Service-producing	49,259	49,409	49,462	49,621	49,786	49,835	50,122	50,203	50,335	50,446	50,624	50,759	50,997
Transportation and public utilities	4,384	4,377	4,373	4,362	4,361	4,270	4,354	4,325	4,387	4,393	4,424	4,440	4,439
Wholesale trade	4,686	4,695	4,693	4,712	4,711	4,674	4,705	4,708	4,700	4,694	4,693	4,690	4,698
Retail trade	15,794	15,854	15,867	15,880	15,939	15,981	16,018	16,045	16,091	16,153	16,187	16,192	16,331
Finance, insurance, and real estate	4,532	4,554	4,571	4,603	4,629	4,651	4,683	4,704	4,716	4,723	4,745	4,768	4,784
Services	19,863	19,929	19,958	20,064	20,146	20,259	20,362	20,421	20,441	20,483	20,575	20,669	20,745

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

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1982 forward are subject to revision.

**ESTABLISHMENT DATA
INDEXES OF DIFFUSION
SEASONALLY ADJUSTED**

B-7. Indexes of diffusion: Percent of industries in which employment¹ increased, seasonally adjusted

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1985.....	52.4	47.8	53.8	49.2	51.6	47.0	56.2	56.8	50.8	61.9	57.6	59.5
	1986.....	59.7	53.5	45.1	54.1	49.2	46.2	54.6	54.3	54.9	55.1	62.7	^P 61.9
	1987.....	^P 56.2											
Over 3-month span	1985.....	51.1	49.7	46.2	46.2	45.1	51.4	49.7	51.1	55.1	55.9	61.4	60.5
	1986.....	58.1	54.3	51.1	49.7	48.4	44.9	47.3	54.1	54.9	62.4	^P 65.7	^P 65.9
	1987.....												
Over 6-month span	1985.....	49.2	47.8	43.0	45.9	44.3	44.3	48.9	50.8	54.1	57.0	57.0	55.9
	1986.....	53.8	53.8	47.6	45.9	45.9	48.6	49.7	55.4	^P 63.0	^P 63.2		
	1987.....												
Over 12-month span	1985.....	46.2	45.7	46.8	43.8	44.9	47.3	47.6	48.9	47.3	49.5	48.9	48.6
	1986.....	50.3	51.1	52.2	52.4	52.7	^P 54.3	^P 53.0					
	1987.....												

Based on the number of employees, seasonally adjusted for 1, 3, and 6 month spans, on the payrolls of 185 private nonagricultural industries. Data for the 12-month span are unadjusted.

^P = preliminary.

NOTE: Figures are the percent of industries with employment

rising. (Half of the unchanged components are counted as rising.) Data are centered within the spans. Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1982 forward are subject to revision.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Alabama	1,439.9	1,452.4	1,453.6	14.6	11.8	11.8	73.1	73.0	72.0
Birmingham	374.4	381.6	383.4	7.5	5.9	5.8	21.1	23.0	22.7
Huntsville	113.4	115.9	116.1	.1	.1	.1	4.3	4.8	4.7
Mobile	158.6	157.2	158.4	1.0	.7	.7	11.4	10.3	10.3
Montgomery	117.5	117.7	118.1	.1	.1	.1	7.3	7.7	7.6
Tuscaloosa	55.4	57.3	56.9	3.1	2.9	2.9	2.7	3.1	3.1
Alaska	224.5	217.6	213.0	9.1	7.8	7.6	14.9	13.5	11.2
Arizona	1,323.8	1,376.2	1,379.7	11.7	10.7	10.7	110.4	112.7	108.6
Phoenix	870.1	909.7	913.2	.6	.6	.6	76.8	77.9	74.6
Tucson	241.0	245.1	244.9	2.1	1.6	1.6	21.7	22.0	21.5
Arkansas	814.8	833.7	832.5	5.3	4.3	4.3	36.9	37.1	35.2
Fayetteville-Springdale	44.3	45.9	45.5	(¹)	(¹)	(¹)	1.9	2.0	1.9
Fort Smith	70.9	72.4	72.6	1.1	.9	1.0	3.1	3.3	3.2
Little Rock-North Little Rock	224.7	224.3	225.6	.4	.4	.4	11.9	12.4	12.3
Pine Bluff	32.1	32.7	31.4	(¹)	(¹)	(¹)	2.3	2.9	1.6
California	11,186.2	11,402.7	11,447.4	50.0	42.4	41.9	489.7	506.0	502.9
Anaheim-Santa Ana	1,010.2	1,039.8	1,045.3	3.2	2.5	2.5	52.6	53.6	53.8
Bakersfield	158.0	152.2	152.0	16.8	11.5	11.1	9.2	8.3	8.2
Fresno	194.3	199.1	198.7	1.0	.7	.6	11.2	11.6	11.3
Los Angeles-Long Beach	3,903.4	3,969.5	3,990.5	12.6	11.5	11.5	122.3	124.0	123.7
Modesto	96.1	100.2	99.4	.1	.1	.1	6.4	6.3	6.2
Oakland	790.5	808.9	812.0	2.0	1.9	1.9	46.8	49.5	49.0
Oxnard-Ventura	191.3	197.3	197.8	3.2	3.1	3.1	8.8	10.3	10.2
Riverside-San Bernardino	531.3	554.3	558.8	1.3	1.3	1.3	39.8	41.6	41.9
Sacramento	503.2	521.4	519.7	.9	.7	.7	27.5	31.6	31.0
Salinas-Seaside-Monterey	102.2	106.3	106.1	.4	.5	.5	3.7	4.0	4.1
San Diego	802.4	824.2	828.5	.8	.8	.8	47.3	50.2	50.5
San Francisco	934.1	940.9	948.1	1.4	1.4	1.4	33.0	36.1	35.4
San Jose	792.7	790.6	790.9	.2	.2	.2	32.8	31.5	30.8
Santa Barbara-Santa Maria-Lompoc	141.3	144.2	144.9	1.5	1.4	1.4	6.6	6.7	6.7
Santa Rosa-Petaluma	116.2	117.7	118.4	.7	.5	.5	7.1	7.3	7.0
Stockton	131.8	135.4	135.7	.1	.1	.1	7.7	8.0	7.8
Vallejo-Fairfield-Napa	115.5	120.1	120.5	.4	.3	.3	6.7	7.6	7.5
Colorado	1,440.6	1,448.0	1,448.8	31.6	27.2	27.0	81.2	82.2	78.3
Boulder-Longmont	103.7	108.8	108.5	.3	.2	.2	4.2	4.6	4.3
Denver	821.2	823.5	823.2	20.6	17.8	17.8	43.9	42.7	40.7
Connecticut	1,601.2	1,646.1	1,654.3	1.6	1.8	1.7	68.8	76.6	74.7
Bridgeport-Milford	194.7	199.5	200.8	(¹)	(¹)	(¹)	7.6	8.8	8.7
Hartford	454.2	465.6	468.5	.3	.3	.3	16.9	19.4	19.0
New Britain	60.6	64.0	64.2	(¹)	(¹)	(¹)	3.5	3.8	3.6
New Haven-Meriden	239.9	246.8	247.8	.3	.3	.2	11.0	12.6	12.3
Stamford	123.7	125.6	126.8	.8	.8	.8	5.3	5.8	5.7
Waterbury	87.3	86.0	86.4	(¹)	(¹)	(¹)	3.8	4.3	4.2
Delaware	300.2	307.8	310.4	.1	.1	.1	18.6	17.7	17.3
Wilmington	261.5	266.8	270.0	.2	.2	.2	18.3	16.1	15.7
District of Columbia	637.5	655.7	657.0	.1	.1	.1	13.0	16.8	16.8
Washington MSA	1,970.0	2,022.8	2,031.6	1.3	1.2	1.2	116.5	129.2	127.7
Florida	4,532.1	4,685.2	4,737.9	9.9	10.4	10.3	339.2	343.3	342.3
Daytona Beach	103.6	109.6	110.0	(¹)	(¹)	(¹)	7.2	7.4	7.4
Fort Lauderdale-Hollywood-Pompano Beach	439.6	446.5	451.7	.4	.4	.4	37.3	37.1	37.0
Fort Myers-Cape Coral	96.9	102.8	104.4	(¹)	(¹)	(¹)	11.3	12.3	12.2
Gainesville	86.7	90.8	91.2	(¹)	(¹)	(¹)	4.3	4.4	4.4
Jacksonville	370.7	388.2	391.5	.5	.5	.5	27.4	27.5	27.4
Lakeland-Winter Haven	136.1	136.3	137.7	4.4	4.5	4.4	8.9	8.8	8.8
Melbourne-Titusville-Palm Bay	139.5	136.3	136.5	(¹)	(¹)	(¹)	9.2	8.7	8.2
Miami-Hialeah	803.4	814.9	821.9	.9	.8	.8	38.6	38.4	38.1
Orlando	424.4	449.2	455.9	(¹)	(¹)	(¹)	34.0	35.4	35.5
Pensacola	117.6	119.9	120.0	.3	.3	.3	9.7	9.9	9.7
Sarasota	93.3	95.8	96.5	(¹)	(¹)	(¹)	10.0	9.9	10.0
Tallahassee	100.0	104.5	104.8	(¹)	(¹)	(¹)	4.8	5.4	5.4
Tampa-St. Petersburg-Clearwater	745.2	757.8	764.5	.6	.6	.6	61.0	61.5	61.5
West Palm Beach-Boca Raton-DeLray Beach	297.0	309.9	314.4	(¹)	(¹)	(¹)	28.9	30.0	30.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Alabama	354.3	352.5	352.4	72.6	70.9	71.3	313.9	322.2	324.6
Birmingham	55.6	52.6	52.1	29.0	29.4	29.5	94.5	99.3	101.6
Huntsville	31.5	30.9	30.7	2.4	2.5	2.5	22.1	22.1	22.6
Mobile	25.7	25.8	25.9	9.3	8.5	9.1	42.7	43.3	43.9
Montgomery	17.0	17.2	17.2	4.6	4.5	4.5	26.8	26.5	26.9
Tuscaloosa	8.2	8.8	8.9	2.0	2.1	2.0	11.4	11.5	11.6
Alaska	8.0	9.3	8.7	18.3	18.3	17.9	47.0	43.8	44.0
Arizona	182.0	184.6	184.0	64.8	66.3	67.0	335.0	343.7	349.4
Phoenix	129.2	131.5	131.0	42.5	43.7	44.3	230.1	236.2	240.9
Tucson	32.8	32.1	32.1	9.4	9.8	9.9	54.6	56.4	56.7
Arkansas	210.1	214.2	214.5	48.2	51.9	51.6	188.5	191.0	192.4
Fayetteville-Springdale	9.2	10.1	9.9	3.8	3.9	3.9	11.0	11.2	11.2
Fort Smith	23.9	24.8	25.0	3.4	3.4	3.4	16.2	16.0	16.2
Little Rock-North Little Rock	33.9	31.7	31.6	14.7	14.6	14.6	55.8	55.4	57.1
Pine Bluff	5.6	5.7	5.8	2.9	2.9	2.9	6.8	6.5	6.6
California	2,088.7	2,105.9	2,102.3	571.0	573.4	576.2	2,713.3	2,767.0	2,807.4
Anaheim-Santa Ana	240.3	241.4	241.2	33.4	34.3	34.1	259.9	272.1	276.1
Bakersfield	10.5	10.3	10.1	8.4	8.4	8.4	40.2	40.2	40.4
Fresno	21.8	24.3	23.3	10.3	10.8	10.8	50.3	50.6	51.2
Los Angeles-Long Beach	904.2	916.0	917.0	200.4	200.0	201.5	924.0	931.7	946.1
Modesto	19.9	20.9	20.3	4.3	4.3	4.3	25.2	26.7	26.5
Oakland	105.3	104.5	105.0	51.9	55.5	55.5	203.3	205.3	207.7
Oxnard-Ventura	28.6	29.0	28.9	9.6	10.4	10.5	50.0	50.6	51.2
Riverside-San Bernardino	66.7	69.5	69.4	29.8	30.4	30.5	138.4	140.4	143.6
Sacramento	34.9	36.2	35.3	23.5	24.3	24.2	123.4	126.9	128.0
Salinas-Seaside-Monterey	9.2	9.7	9.5	5.2	5.3	5.3	28.6	29.6	29.6
San Diego	122.7	120.1	119.3	31.5	31.7	31.9	195.1	201.7	205.6
San Francisco	81.4	79.9	80.2	82.9	80.1	80.8	221.0	224.9	230.1
San Jose	284.4	276.8	276.2	22.2	22.2	22.4	158.5	160.6	161.7
Santa Barbara-Santa Maria-Lompoc	23.3	23.7	23.8	5.6	5.5	5.5	34.5	34.9	35.4
Santa Rosa-Petaluma	17.8	17.8	18.0	5.4	5.6	5.6	30.4	31.2	31.8
Stockton	20.5	20.7	20.7	7.8	8.4	8.3	31.9	33.0	33.2
Vallejo-Fairfield-Napa	10.5	11.2	11.0	4.4	4.6	4.6	28.0	29.5	29.8
Colorado	191.2	189.9	189.1	89.4	86.4	87.2	361.4	364.0	367.2
Boulder-Longmont	28.8	28.8	29.0	2.5	2.5	2.5	21.9	23.8	24.1
Denver	101.1	98.8	98.5	64.4	62.1	63.0	209.3	209.7	211.2
Connecticut	403.9	405.2	404.8	70.6	72.3	72.6	369.5	376.2	384.7
Bridgeport-Milford	62.6	62.4	62.3	7.6	7.8	7.9	46.3	48.0	48.9
Hartford	93.6	93.3	93.5	17.4	17.9	18.1	100.9	100.7	102.9
New Britain	19.4	21.0	20.9	3.4	3.6	3.6	12.3	12.5	12.8
New Haven-Meriden	45.5	47.2	47.3	17.7	17.9	17.9	58.1	59.6	60.5
Stamford	27.8	26.0	26.1	4.9	5.0	5.0	30.8	31.1	32.1
Waterbury	28.3	26.4	26.3	3.2	3.2	3.2	17.4	17.3	17.9
Delaware	71.9	69.1	70.3	12.4	12.1	12.2	67.5	70.4	71.9
Wilmington	61.9	59.3	60.7	13.3	13.7	13.9	55.8	57.7	59.0
District of Columbia	15.2	15.3	15.3	25.6	24.2	24.2	66.6	64.0	64.6
Washington MSA	83.8	82.7	82.3	88.8	90.3	90.6	406.0	403.4	411.2
Florida	522.3	530.7	532.5	245.9	245.7	248.6	1,231.2	1,290.0	1,325.8
Daytona Beach	12.2	12.6	12.5	3.3	3.4	3.4	30.3	31.9	32.4
Fort Lauderdale-Hollywood-Pompano Beach	44.6	45.5	45.7	21.0	20.8	20.9	129.6	130.2	132.8
Fort Myers-Cape Coral	5.0	5.2	5.3	4.3	4.6	4.6	30.2	31.6	32.6
Gainesville	5.2	5.3	5.4	1.7	1.8	1.8	18.9	20.7	21.0
Jacksonville	37.5	38.0	38.2	28.1	28.6	29.2	102.7	108.8	110.4
Lakeland-Winter Haven	22.7	21.4	21.5	6.3	6.6	6.6	37.3	37.3	38.6
Melbourne-Titusville-Palm Bay	26.7	26.0	26.1	5.6	5.4	5.4	32.3	32.5	33.0
Miami-Hialeah	94.6	93.0	92.5	69.4	68.9	69.9	217.3	221.5	226.6
Orlando	49.9	54.0	54.4	22.1	22.5	23.2	117.1	122.7	125.6
Pensacola	11.3	10.9	10.9	6.9	6.5	6.8	29.8	30.5	30.4
Sarasota	7.6	8.1	8.1	3.6	3.5	3.5	27.6	28.7	29.1
Tallahassee	4.1	4.2	4.2	2.8	3.0	3.0	21.6	22.3	22.6
Tampa-St. Petersburg-Clearwater	91.2	90.8	90.3	37.1	36.8	36.8	207.9	210.6	216.3
West Palm Beach-Boca Raton-Delray Beach	37.5	36.5	36.6	10.4	11.4	11.5	77.8	81.4	84.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Alabama	67.1	70.2	70.5	243.6	248.8	249.2	300.7	303.0	301.8
Birmingham	26.9	27.7	27.8	81.9	84.4	84.7	57.9	59.3	59.2
Huntsville	3.2	3.3	3.2	21.8	23.5	23.7	28.0	28.7	28.6
Mobile	8.1	7.8	7.7	32.6	33.1	32.9	27.8	27.7	27.9
Montgomery	7.0	7.1	7.1	23.4	23.4	23.4	31.3	31.2	31.3
Tuscaloosa	1.8	1.8	1.8	7.3	7.6	7.5	18.9	19.5	19.1
Alaska	12.7	12.7	12.6	45.0	43.3	43.0	69.5	68.9	68.0
Arizona	84.3	91.7	92.3	305.9	326.2	328.9	229.7	240.3	238.8
Phoenix	66.1	72.1	72.7	207.7	223.2	225.8	117.1	124.5	123.3
Tucson	11.9	13.0	13.0	57.8	59.6	59.5	50.7	50.6	50.6
Arkansas	36.9	37.7	37.8	140.5	148.2	147.8	148.4	149.3	148.9
Fayetteville-Springdale	1.5	1.4	1.4	6.1	6.3	6.4	10.8	11.0	10.8
Fort Smith	2.6	2.8	2.8	13.4	13.7	13.6	7.2	7.5	7.4
Little Rock-North Little Rock	15.1	15.2	15.2	47.6	49.3	49.2	45.3	45.3	45.2
Pine Bluff	1.6	1.7	1.7	5.6	5.5	5.5	7.3	7.5	7.3
California	751.4	769.8	772.1	2,683.3	2,755.9	2,765.4	1,838.8	1,882.3	1,879.2
Anaheim-Santa Ana	75.7	78.3	78.6	233.9	243.0	244.8	111.2	114.6	114.2
Bakersfield	5.9	6.0	6.0	29.6	29.9	30.1	37.4	37.6	37.7
Fresno	13.1	13.6	13.7	43.3	45.1	45.4	43.3	42.4	42.4
Los Angeles-Long Beach	264.6	271.5	272.5	986.4	1,015.2	1,019.4	488.9	499.6	498.8
Modesto	4.1	4.2	4.3	20.1	20.7	20.7	16.0	17.0	17.0
Oakland	48.3	52.2	52.5	175.9	180.5	180.9	157.0	159.5	159.5
Oxnard-Ventura	10.3	10.5	10.5	40.7	42.1	42.2	40.1	41.3	41.2
Riverside-San Bernardino	22.5	23.5	23.8	121.7	128.2	129.1	111.1	119.4	119.2
Sacramento	28.9	30.7	30.7	104.8	107.2	107.1	159.3	163.8	162.7
Salinas-Seaside-Monterey	4.8	5.0	5.0	24.3	25.7	25.5	26.0	26.5	26.6
San Diego	52.7	54.0	54.1	202.0	210.8	211.7	150.3	154.9	154.6
San Francisco	111.0	110.6	110.6	266.5	269.4	270.6	136.9	138.5	139.0
San Jose	32.0	33.0	33.0	180.6	183.0	183.0	82.0	83.3	83.6
Santa Barbara-Santa Maria-Lompoc	7.5	7.6	7.6	36.6	37.5	37.5	25.7	26.9	27.0
Santa Rosa-Petaluma	7.9	8.1	8.1	25.0	25.2	25.4	21.9	22.0	22.0
Stockton	8.1	8.0	8.1	27.3	28.0	27.8	28.4	29.2	29.7
Vallejo-Fairfield-Napa	4.7	5.0	4.9	25.3	25.8	26.1	35.5	36.1	36.3
Colorado	99.5	100.8	101.5	330.8	337.5	339.7	255.4	260.1	258.6
Boulder-Longmont	3.8	4.0	4.0	21.4	22.8	22.8	20.9	22.0	21.6
Denver	67.1	68.7	68.9	194.7	199.9	200.4	120.1	123.7	122.7
Connecticut	133.1	141.0	141.5	360.3	373.5	375.9	193.4	199.5	198.4
Bridgeport-Milford	10.1	10.9	10.9	41.9	42.8	43.3	18.6	18.8	18.8
Hartford	68.9	72.9	73.2	98.7	102.8	103.4	57.5	58.3	58.1
New Britain	3.2	3.6	3.7	12.3	12.8	13.0	6.5	6.7	6.6
New Haven-Meriden	13.7	14.2	14.3	63.3	65.0	65.5	30.3	30.0	29.8
Stamford	10.2	10.7	10.8	34.5	36.8	36.9	9.4	9.4	9.4
Waterbury	3.6	3.6	3.6	20.1	20.5	20.5	10.9	10.7	10.7
Delaware	20.6	22.3	22.5	63.4	68.6	68.7	45.7	47.5	47.3
Wilmington	19.1	21.4	21.8	56.3	60.5	61.1	36.6	37.9	37.7
District of Columbia	35.1	35.3	35.6	221.2	231.5	231.5	260.9	268.4	268.9
Washington MSA	110.4	115.9	116.8	601.2	626.6	626.9	562.0	573.4	574.9
Florida	324.7	336.9	339.1	1,163.6	1,205.5	1,215.6	695.3	722.7	723.7
Daytona Beach	6.2	6.5	6.5	27.2	30.1	30.0	17.2	17.7	17.8
Fort Lauderdale-Hollywood-Pompano Beach	36.6	38.1	38.2	117.2	120.4	122.2	52.9	54.0	54.5
Fort Myers-Cape Coral	7.1	7.4	7.5	24.5	26.6	27.0	14.4	15.0	15.1
Gainesville	3.4	3.4	3.4	19.0	20.3	20.5	34.1	34.8	34.6
Jacksonville	33.2	35.0	35.2	85.3	91.7	91.9	56.0	58.1	58.7
Lakeland-Winter Haven	7.8	7.8	7.8	30.3	31.0	31.1	18.4	18.9	18.9
Melbourne-Titusville-Palm Bay	5.1	5.0	5.1	41.6	39.3	39.2	18.9	19.3	19.5
Miami-Hialeah	66.2	67.8	68.1	213.4	216.7	217.7	103.0	107.8	108.2
Orlando	27.5	30.0	30.4	123.0	130.6	132.7	50.7	53.9	54.0
Pensacola	5.0	5.2	5.3	27.9	29.3	29.3	26.7	27.3	27.3
Sarasota	7.8	8.0	7.8	25.4	26.1	26.6	11.2	11.3	11.3
Tallahassee	4.5	4.5	4.5	18.7	20.0	20.0	43.2	44.9	44.8
Tampa-St. Petersburg-Clearwater	58.3	60.2	60.3	193.9	200.0	201.6	95.2	97.3	97.1
West Palm Beach-Boca Raton-DeLray Beach	24.1	24.5	24.8	82.8	88.3	89.1	35.5	37.8	38.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a
Georgia	2,626.1	2,696.4	2,707.9	8.2	8.6	8.8	153.2	165.7	163.6
Albany	49.9	48.2	48.4	(¹)	(¹)	(¹)	2.5	2.4	2.4
Athens	59.6	61.4	60.6	.1	.1	.1	2.7	2.6	2.6
Atlanta	1,305.6	1,364.5	1,371.5	1.2	1.7	1.7	76.9	92.2	91.3
Augusta	147.2	147.3	147.1	.5	.5	.5	9.4	8.9	8.8
Columbus	90.7	89.8	90.4	.1	.1	.1	5.3	5.1	5.0
Macon-Warner Robins	117.0	116.9	116.9	.2	.2	.2	5.4	5.3	5.2
Savannah	97.5	100.3	101.0	(¹)	(¹)	(¹)	5.6	7.6	7.6
Hawaii	430.2	437.0	441.0	(¹)	(¹)	(¹)	17.2	19.5	20.0
Honolulu	347.1	351.7	354.9	(¹)	(¹)	(¹)	13.9	15.6	15.9
Idaho	343.0	339.8	336.6	3.6	2.5	2.3	15.7	14.5	12.8
Boise City	87.9	89.6	89.8	(¹)	(¹)	(¹)	5.5	5.7	5.3
Illinois	4,794.4	4,876.1	4,872.5	28.2	26.0	25.5	182.0	197.9	187.6
Aurora-Elgin	129.5	133.4	133.8	(¹)	(¹)	(¹)	4.7	5.4	5.2
Bloomington-Normal	52.0	53.5	53.3	(¹)	(¹)	(¹)	1.2	1.3	1.2
Champaign-Urbana-Rantoul	79.0	80.9	80.0	(¹)	(¹)	(¹)	1.9	2.1	2.0
Chicago	2,974.4	3,009.2	3,016.1	2.3	2.5	2.3	106.5	119.7	112.7
Davenport-Rock Island-Moline	148.6	145.2	144.7	(¹)	(¹)	(¹)	4.6	4.8	4.6
Decatur	50.3	49.8	49.6	(¹)	(¹)	(¹)	1.6	1.8	1.7
Joliet	93.3	93.7	94.0	(¹)	(¹)	(¹)	4.7	4.5	4.5
Kankakee	32.1	32.2	32.3	(¹)	(¹)	(¹)	1.2	1.2	1.2
Lake County	175.3	181.2	180.8	(¹)	(¹)	(¹)	6.6	7.1	6.6
Peoria	129.9	129.0	129.1	(¹)	(¹)	(¹)	5.6	5.8	5.5
Rockford	120.3	121.6	121.5	(¹)	(¹)	(¹)	3.5	3.9	3.6
Springfield	90.5	91.5	91.1	(¹)	(¹)	(¹)	2.5	2.7	2.5
Indiana	2,220.6	2,307.0	2,307.3	9.4	9.2	9.1	94.7	112.8	109.4
Anderson	48.5	48.4	48.3	(¹)	(¹)	(¹)	1.3	1.4	1.3
Elkhart-Goshen	88.1	92.2	92.0	(¹)	(¹)	(¹)	2.4	2.7	2.7
Evansville	122.8	124.4	124.2	2.8	2.6	2.5	6.9	7.1	7.0
Fort Wayne	169.1	175.2	176.2	(¹)	(¹)	(¹)	7.4	8.9	8.7
Gary-Hammond	217.6	210.2	209.8	(¹)	(¹)	(¹)	12.3	14.0	13.6
Indianapolis	564.4	582.5	583.5	(¹)	(¹)	(¹)	25.6	28.7	27.8
Lafayette	61.4	62.9	62.7	(¹)	(¹)	(¹)	1.6	2.1	2.0
Muncie	48.5	49.3	49.1	(¹)	(¹)	(¹)	1.4	1.7	1.6
South Bend-Mishawaka	106.0	108.7	108.9	(¹)	(¹)	(¹)	4.4	5.1	4.9
Terre Haute	52.2	52.7	52.7	.5	.5	.5	1.8	1.9	1.8
Iowa	1,080.9	1,081.8	1,075.5	1.9	2.2	2.0	31.6	36.6	32.4
Cedar Rapids	82.8	84.3	84.4	.1	.2	.1	2.9	3.4	3.2
Des Moines	194.9	196.7	196.9	(¹)	(¹)	(¹)	7.7	9.8	8.9
Dubuque	40.5	(²)	(²)	(¹)	(²)	(²)	1.0	(²)	(²)
Iowa City	48.8	(²)	(²)	(¹)	(²)	(²)	1.2	(²)	(²)
Sioux City	48.6	48.3	48.2	(¹)	(¹)	(¹)	1.3	1.4	1.3
Waterloo-Cedar Falls	60.2	56.9	56.4	(¹)	(¹)	(¹)	1.7	1.6	1.4
Kansas	986.0	1,010.9	1,001.0	16.3	11.8	12.2	40.4	44.3	40.6
Lawrence	30.6	(²)	(²)	(¹)	(²)	(²)	.8	(²)	(²)
Topeka	83.3	84.4	84.5	(¹)	(¹)	(¹)	2.9	4.0	3.9
Wichita	208.0	209.8	208.3	3.2	2.4	2.5	8.8	9.7	9.1
Kentucky	1,271.7	1,302.3	1,304.0	43.5	42.5	42.6	60.0	68.1	66.0
Lexington-Fayette	167.8	169.1	168.0	.9	1.0	1.0	8.9	11.2	10.7
Louisville	419.7	436.4	437.2	.6	.7	.7	21.3	21.7	21.3
Owensboro	32.6	33.0	32.9	1.0	1.0	1.0	1.7	1.9	1.9
Louisiana	1,600.4	1,518.4	1,512.2	80.5	57.6	56.9	100.3	89.6	87.2
Alexandria	45.7	(²)	(²)	.2	(²)	(²)	2.8	(²)	(²)
Baton Rouge	215.6	214.5	213.9	1.2	1.3	1.3	21.2	21.9	21.5
Houma-Thibodaux	62.6	53.1	53.0	8.2	6.6	6.5	2.8	1.9	1.8
Lafayette	99.7	86.2	85.5	17.4	13.2	13.3	5.3	4.0	3.7
Lake Charles	58.3	55.6	55.7	2.1	1.6	1.7	3.6	3.3	3.4
Monroe	56.6	55.5	56.1	.7	.4	.4	3.7	3.7	3.8
New Orleans	533.0	512.6	511.1	19.2	16.2	16.2	27.1	23.5	23.0
Shreveport	138.6	131.2	130.6	4.8	2.8	2.7	7.9	7.4	7.0
Maine	465.2	479.5	479.1	.1	.1	.1	23.1	28.6	27.0
Lewiston-Auburn	37.5	38.1	37.9	(¹)	(¹)	(¹)	1.8	1.8	1.7
Portland	110.8	115.8	116.0	(¹)	(¹)	(¹)	6.0	6.5	6.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Georgia	559.4	557.5	558.1	165.1	166.2	166.5	678.5	699.3	711.6
Albany	10.2	8.5	8.5	2.6	2.5	2.4	12.6	12.6	12.7
Athens	15.0	15.1	15.1	1.7	1.8	1.8	12.8	13.0	13.2
Atlanta	185.7	186.1	186.5	106.0	107.2	107.3	381.2	398.4	405.9
Augusta	37.1	36.5	36.5	5.0	4.8	4.8	32.1	32.1	32.3
Columbus	20.7	19.8	19.9	3.2	3.3	3.3	20.5	19.8	20.4
Macon-Warner Robins	20.3	20.1	20.0	4.8	4.9	4.9	26.2	25.7	25.9
Savannah	15.8	15.7	15.8	10.1	9.7	9.9	25.5	24.9	25.1
Hawaii	21.6	21.6	21.6	34.3	33.9	34.0	118.5	119.2	121.1
Honolulu	15.8	15.7	15.7	28.1	27.8	27.8	94.0	94.0	95.5
Idaho	55.3	53.5	53.3	19.1	18.7	18.6	87.4	85.3	86.0
Boise City	10.8	10.8	10.8	5.6	5.7	5.7	23.0	23.2	23.7
Illinois	971.1	959.7	959.1	276.6	274.7	273.4	1,199.5	1,224.0	1,232.5
Aurora-Elgin	37.0	37.3	37.1	3.1	3.3	3.3	36.3	36.6	37.4
Bloomington-Normal	3.9	4.6	4.6	3.2	2.9	2.9	12.9	12.8	12.9
Champaign-Urbana-Rantoul	7.3	7.5	7.5	2.3	2.0	2.0	19.4	19.5	19.5
Chicago	573.5	561.0	561.0	186.9	188.5	188.8	752.6	755.4	767.3
Davenport-Rock Island-Moline	31.9	28.4	28.4	8.0	8.1	7.9	41.3	41.1	41.0
Decatur	14.9	13.8	13.8	4.4	4.4	4.3	11.5	11.7	11.7
Joliet	19.7	20.4	20.7	8.7	8.6	8.4	21.9	21.7	21.8
Kankakee	5.1	5.3	5.3	1.4	1.4	1.4	8.2	8.2	8.2
Lake County	41.5	41.1	40.9	5.9	5.9	5.9	44.5	44.0	44.5
Peoria	31.3	30.1	30.2	6.5	6.4	6.5	33.9	33.5	33.7
Rockford	45.0	45.1	45.3	4.4	4.4	4.4	27.4	27.7	27.7
Springfield	3.8	3.7	3.7	4.7	4.6	4.6	18.8	18.7	18.7
Indiana	603.6	594.6	594.4	110.8	115.9	116.0	534.8	569.1	575.1
Anderson	19.2	18.3	18.1	1.2	1.3	1.3	10.6	11.0	11.1
Elkhart-Goshen	46.9	49.1	48.9	2.8	2.9	2.9	16.7	17.5	17.6
Evansville	30.8	31.1	30.7	6.6	6.7	6.7	31.6	31.9	32.3
Fort Wayne	46.5	48.0	48.5	11.1	11.1	11.2	42.9	43.1	43.6
Gary-Hammond	59.2	49.1	48.9	13.7	13.4	13.2	50.4	50.2	50.6
Indianapolis	106.9	105.8	105.7	32.9	34.4	34.4	148.6	152.1	154.1
Lafayette	11.6	11.5	11.5	1.8	1.7	1.7	13.2	12.9	13.1
Muncie	10.8	10.6	10.6	2.3	2.3	2.3	11.9	12.1	12.0
South Bend-Mishawaka	24.5	23.8	23.9	4.4	4.7	4.7	28.1	29.3	29.6
Terre Haute	10.7	10.5	10.5	2.6	2.5	2.6	14.1	14.4	14.4
Iowa	204.1	195.5	195.3	51.0	49.1	49.0	280.8	278.8	279.8
Cedar Rapids	22.2	22.6	22.8	4.0	4.0	4.1	20.5	20.0	20.3
Des Moines	22.1	21.0	21.0	12.9	12.6	12.6	51.9	51.7	52.5
Dubuque	12.0	(²)	(²)	1.7	(²)	(²)	9.1	(²)	(²)
Iowa City	3.9	(²)	(²)	1.1	(²)	(²)	9.8	(²)	(²)
Sioux City	10.2	9.6	9.5	3.1	3.1	3.1	12.5	12.1	12.2
Waterloo-Cedar Falls	13.6	9.4	9.4	1.9	1.9	1.8	14.2	14.2	14.2
Kansas	173.2	173.1	172.3	65.5	64.6	65.0	251.6	256.4	256.5
Lawrence	4.4	(²)	(²)	1.4	(²)	(²)	7.1	(²)	(²)
Topeka	9.4	9.1	9.2	6.9	6.8	6.7	19.6	18.9	18.9
Wichita	55.5	56.1	55.2	9.9	9.5	9.5	52.4	53.0	53.1
Kentucky	255.2	252.2	255.0	67.3	69.2	70.0	307.0	312.2	314.3
Lexington-Fayette	29.4	27.7	27.8	7.6	7.5	7.6	40.6	39.9	39.8
Louisville	85.9	85.5	86.1	24.6	25.3	25.3	109.3	114.0	115.2
Owensboro	5.7	5.7	5.6	2.3	2.3	2.3	8.6	8.3	8.3
Louisiana	173.5	167.6	166.3	114.5	103.2	103.1	397.3	378.1	379.6
Alexandria	3.5	(²)	(²)	2.2	(²)	(²)	11.3	(²)	(²)
Baton Rouge	20.5	20.0	19.9	10.2	10.6	10.6	52.5	51.0	51.3
Houma-Thibodaux	5.3	4.5	4.4	7.7	5.8	5.9	15.5	13.0	13.2
Lafayette	6.1	4.8	4.7	7.3	6.4	6.4	26.0	23.0	22.8
Lake Charles	9.1	8.5	8.6	4.3	4.1	4.0	14.7	14.4	14.3
Monroe	7.5	7.8	7.8	2.7	2.5	2.5	16.7	15.6	15.8
New Orleans	44.5	43.1	43.0	45.4	42.6	42.4	145.0	139.2	140.2
Shreveport	19.3	18.0	18.1	8.5	7.7	7.7	34.1	30.6	30.8
Maine	107.0	105.1	105.7	19.2	19.3	19.4	111.1	114.2	114.8
Lewiston-Auburn	10.2	10.1	9.9	1.4	1.4	1.3	9.1	9.1	9.4
Portland	16.6	17.1	16.6	5.5	5.8	5.8	33.0	34.1	34.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Georgia	140.1	145.7	146.2	468.7	496.3	496.6	452.9	457.0	456.4
Albany	2.6	2.5	2.5	7.6	7.7	7.8	11.9	11.9	11.9
Athens	1.9	2.0	2.0	8.1	8.6	8.5	17.2	18.2	17.3
Atlanta	91.2	94.8	95.1	284.4	301.1	301.3	179.0	182.9	182.4
Augusta	5.6	5.8	5.8	25.4	26.2	26.0	32.2	32.6	32.5
Columbus	5.9	6.3	6.3	14.2	14.5	14.6	20.6	20.9	20.9
Macon-Warner Robins	6.8	7.2	7.2	20.1	20.1	20.0	33.1	33.4	33.5
Savannah	4.4	4.4	4.4	20.2	20.8	20.7	16.8	17.2	17.4
Hawaii	32.1	32.9	32.9	111.1	114.1	115.0	95.4	95.8	96.4
Honolulu	27.2	27.9	27.9	87.3	89.7	90.6	80.8	81.0	81.5
Idaho	23.6	23.7	23.7	66.7	67.8	67.0	71.6	73.8	72.9
Boise City	8.3	8.3	8.3	18.2	19.0	19.1	16.4	16.8	16.8
Illinois	339.8	344.8	345.7	1,102.9	1,138.7	1,136.0	694.3	710.3	712.7
Aurora-Elgin	6.6	6.6	6.6	27.2	29.5	29.5	14.5	14.6	14.6
Bloomington-Normal	8.7	8.7	8.8	10.6	10.8	10.8	11.5	12.4	12.1
Champaign-Urbana-Rantoul	2.6	2.6	2.6	12.8	13.1	13.0	32.7	34.1	33.4
Chicago	246.5	251.3	253.0	747.7	768.6	767.9	358.4	362.2	363.1
Davenport-Rock Island-Moline	7.3	7.4	7.4	28.3	28.6	28.6	27.2	26.8	26.8
Decatur	2.6	2.5	2.5	9.8	10.0	10.0	5.3	5.5	5.5
Joliet	3.6	3.6	3.7	18.6	18.8	18.8	15.9	15.9	15.9
Kankakee	1.6	1.6	1.6	8.0	8.0	8.0	6.6	6.5	6.6
Lake County	5.6	5.4	5.5	39.2	43.7	43.7	31.3	33.3	33.0
Peoria	6.8	7.1	7.1	30.2	30.5	30.5	15.6	15.6	15.6
Rockford	4.8	5.0	5.0	23.1	23.2	23.2	12.1	12.3	12.3
Springfield	7.6	7.8	7.8	22.3	22.3	22.2	30.7	31.6	31.5
Indiana	107.5	113.4	113.4	417.0	439.5	438.3	342.8	352.4	351.5
Anderson	1.6	1.6	1.6	8.8	9.1	9.1	5.8	5.7	5.8
Elkhart-Goshen	2.3	2.4	2.4	11.8	12.3	12.2	5.2	5.3	5.3
Evansville	4.8	4.9	4.9	27.6	28.1	28.1	11.7	12.0	12.0
Fort Wayne	10.9	11.5	11.5	33.0	34.8	34.9	17.3	17.8	17.8
Gary-Hammond	7.9	7.9	7.9	42.9	44.3	44.3	31.2	31.3	31.3
Indianapolis	40.9	42.6	42.6	121.3	129.1	129.1	87.4	89.1	89.1
Lafayette	2.7	2.8	2.8	10.4	10.8	10.7	20.1	21.1	20.9
Muncie	1.5	1.5	1.5	9.4	9.6	9.5	11.2	11.5	11.6
South Bend-Mishawaka	5.2	5.3	5.3	28.4	29.3	29.3	11.0	11.2	11.2
Terre Haute	1.7	1.7	1.7	10.2	10.4	10.4	10.6	10.8	10.8
Iowa	63.9	65.0	65.1	233.2	237.8	236.3	214.4	216.8	215.6
Cedar Rapids	4.8	5.1	5.0	18.0	18.6	18.7	10.3	10.4	10.2
Des Moines	25.1	25.8	26.0	46.2	47.2	47.3	29.0	28.5	28.5
Dubuque	1.4	(²)	(²)	11.7	(²)	(²)	3.6	(²)	(²)
Iowa City	1.3	(²)	(²)	7.2	(²)	(²)	24.3	(²)	(²)
Sioux City	2.6	2.6	2.6	12.5	13.0	13.0	6.4	6.5	6.5
Waterloo-Cedar Falls	3.1	3.1	3.1	13.6	14.1	14.1	12.1	12.6	12.4
Kansas	53.9	54.8	55.0	188.4	197.4	197.2	196.7	208.5	202.2
Lawrence .....	.9	(²)	(²)	4.9	(²)	(²)	11.1	(²)	(²)
Topeka	5.9	6.1	6.2	18.0	18.5	18.6	20.5	20.9	20.9
Wichita	11.0	11.6	11.6	41.6	42.4	42.6	25.6	25.1	24.7
Kentucky	58.6	61.6	61.6	249.8	257.7	256.1	230.3	238.8	238.4
Lexington-Fayette	8.3	8.7	8.7	37.5	38.2	37.5	34.6	34.9	34.9
Louisville	27.4	28.9	29.0	92.2	98.6	98.0	58.3	61.7	61.7
Owensboro	1.2	1.4	1.4	7.2	7.3	7.3	4.9	5.1	5.1
Louisiana	85.9	84.0	83.6	320.9	317.0	314.7	327.5	321.3	320.8
Alexandria	2.5	(²)	(²)	10.0	(²)	(²)	13.2	(²)	(²)
Baton Rouge	14.0	13.8	13.5	41.1	41.8	41.7	54.9	54.1	54.1
Houma-Thibodaux	2.6	2.6	2.6	9.1	7.7	7.7	11.4	11.0	10.9
Lafayette	3.9	3.5	3.4	19.9	17.2	17.0	13.8	14.1	14.2
Lake Charles	2.7	2.6	2.6	10.8	9.8	9.7	11.0	11.3	11.4
Monroe	4.4	4.4	4.5	11.1	10.9	10.9	9.8	10.2	10.4
New Orleans	33.1	32.9	32.7	133.0	130.3	128.9	85.7	84.8	84.7
Shreveport	8.0	7.8	7.9	29.5	30.3	29.9	26.5	26.6	26.5
Maine	21.5	23.0	23.1	93.1	98.0	98.1	90.1	91.2	90.9
Lewiston-Auburn	1.9	2.0	2.1	9.3	9.7	9.5	3.8	4.0	4.0
Portland	9.9	10.7	10.8	25.2	26.3	26.4	14.6	15.3	15.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Maryland	1,928.0	1,961.6	1,968.0	1.8	1.9	1.8	133.9	143.1	139.2
Baltimore MSA	1,044.2	1,064.9	1,070.0	.2	.2	.2	65.6	70.9	70.2
Baltimore City	463.1	471.1	472.7	(¹)	(¹)	(¹)	20.7	20.3	20.2
Suburban Maryland-D.C.	681.5	698.0	702.3	.6	.6	.6	57.4	64.1	63.6
Massachusetts	2,985.9	3,010.5	3,028.6	1.5	1.4	1.4	112.9	124.0	120.9
Boston	1,686.9	1,721.5	1,731.2	.7	.9	.9	59.3	66.5	65.2
Brockton	69.9	72.1	72.8	(¹)	(¹)	(¹)	3.4	4.5	4.4
Fall River	55.7	55.7	55.7	(¹)	(¹)	(¹)	1.8	2.4	2.2
Fitchburg-Leominster	40.4	41.5	41.9	(¹)	(¹)	(¹)	2.2	3.0	3.0
Lawrence-Haverhill	163.6	164.4	165.0	(¹)	(¹)	(¹)	11.0	8.0	7.6
Lowell	105.4	108.5	109.0	(¹)	(¹)	(¹)	4.5	5.6	5.4
New Bedford	68.0	69.5	69.5	(¹)	(¹)	(¹)	2.4	2.5	2.4
Pittsfield	41.3	42.7	42.6	(¹)	(¹)	(¹)	1.7	1.9	1.8
Springfield	227.6	231.4	232.5	.1	.1	.1	8.0	9.5	9.1
Worcester	186.9	189.6	191.0	.1	.1	.1	8.5	9.7	9.7
Michigan	3,588.7	3,644.4	3,635.1	10.3	10.5	10.4	107.2	122.5	112.7
Ann Arbor	156.1	161.8	162.4	.2	(¹)	(¹)	4.9	5.4	4.7
Battle Creek	54.8	(²)	(²)	(¹)	(²)	(²)	1.4	(²)	(²)
Benton Harbor	60.1	(²)	(²)	.1	(²)	(²)	1.3	(²)	(²)
Detroit	1,796.3	1,842.1	1,844.6	.8	1.0	.9	49.0	56.7	53.8
Flint	176.0	175.4	173.3	(¹)	(¹)	(¹)	3.8	4.3	4.1
Grand Rapids	299.0	300.7	300.1	.4	(¹)	(¹)	10.8	12.6	11.8
Jackson	49.1	(²)	(²)	.2	(²)	(²)	.9	(²)	(²)
Kalamazoo	99.9	102.1	102.2	.1	(¹)	(¹)	2.8	2.9	2.7
Lansing-East Lansing	195.1	202.4	201.3	.5	(¹)	(¹)	6.0	6.7	6.0
Muskegon	55.2	(²)	(²)	.1	(²)	(²)	2.0	(²)	(²)
Saginaw-Bay City-Midland	148.4	151.3	152.2	.2	(¹)	(¹)	5.4	6.3	6.2
Minnesota	1,885.2	1,925.8	1,916.4	6.1	5.3	4.9	67.7	81.5	73.8
Duluth	82.9	84.4	84.0	3.3	2.4	2.6	2.4	3.6	3.3
Minneapolis-St. Paul	1,232.2	1,254.2	1,252.0	(¹)	(¹)	(¹)	45.6	53.8	50.0
Rochester	55.7	(²)	(²)	(¹)	(²)	(²)	1.6	(²)	(²)
St. Cloud	64.6	66.0	66.3	(¹)	(¹)	(¹)	2.6	3.2	3.2
Mississippi	855.8	860.0	860.1	8.8	6.9	7.0	37.0	35.9	35.1
Jackson	168.3	171.0	171.5	1.7	1.1	1.2	8.0	8.3	7.8
Missouri	2,131.5	2,177.6	2,168.3	6.0	5.9	5.6	96.3	109.5	105.0
Kansas City	703.7	710.5	708.5	.5	.4	.4	29.4	31.4	29.4
St. Joseph	36.5	(²)	(²)	(¹)	(²)	(²)	1.2	(²)	(²)
St. Louis	1,078.3	1,086.8	1,080.7	3.6	3.5	3.4	51.9	56.1	53.5
Springfield	100.3	103.6	103.5	.3	.1	.1	4.1	4.3	4.1
Montana ..	276.8	272.3	271.2	6.7	6.3	6.4	9.6	9.1	8.3
Nebraska	654.7	670.5	665.4	1.9	2.1	2.1	24.5	28.7	26.2
Lincoln	105.7	107.5	106.2	(¹)	(¹)	(¹)	3.7	3.9	3.6
Omaha	289.5	291.9	290.4	.3	.3	.2	12.0	13.2	11.9
Nevada	453.1	474.9	475.0	6.4	6.5	6.5	23.5	27.7	27.1
Las Vegas	259.7	271.2	272.7	.3	.2	.2	14.8	16.7	16.6
Reno	123.2	128.8	128.1	.7	.8	.8	5.8	7.0	6.8
New Hampshire	483.5	493.5	496.3	.4	.5	.5	34.9	37.9	37.5
Manchester	81.9	(²)	(²)	(¹)	(²)	(²)	5.2	(²)	(²)
Nashua	84.9	85.6	86.6	.1	.1	.1	3.9	4.1	4.1
New Jersey	3,471.9	3,582.3	3,586.4	2.1	2.4	2.4	145.9	158.1	153.9
Atlantic City	142.8	(²)	(²)	(¹)	(²)	(²)	7.4	(²)	(²)
Bergen-Passaic	647.6	661.9	666.0	.2	.4	.4	26.4	30.0	29.0
Camden	403.3	421.1	422.7	.1	.1	.1	19.5	22.4	22.1
Jersey City	237.5	243.2	242.0	(¹)	(¹)	(¹)	5.9	7.2	7.0
Middlesex-Somerset-Hunterdon	490.0	506.8	505.8	.6	.6	.6	20.8	22.3	22.1
Monmouth-Ocean	297.4	312.0	312.6	(¹)	(¹)	(¹)	18.0	20.0	19.9
Newark	943.3	957.0	958.5	.7	.6	.6	33.8	32.7	32.4
Trenton	186.5	194.0	194.6	(¹)	(¹)	(¹)	4.0	4.6	4.5
Vineland-Millville-Bridgeton	53.5	(²)	(²)	.3	(²)	(²)	1.6	(²)	(²)

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a
Maryland	214.4	208.1	207.5	92.0	92.2	92.5	494.3	489.5	496.6
Baltimore MSA	136.0	130.6	130.2	58.5	57.7	58.2	254.5	252.8	256.7
Baltimore City	50.9	48.4	48.6	32.3	31.7	32.2	99.0	95.8	95.9
Suburban Maryland-D.C.	35.8	34.6	34.2	19.8	20.1	20.3	184.1	181.6	185.8
Massachusetts	655.5	624.6	623.8	130.5	130.4	131.3	711.6	715.4	729.3
Boston	314.6	312.8	312.8	75.7	77.5	78.0	385.6	390.8	399.5
Brockton	11.1	10.8	10.7	5.3	4.8	4.9	21.1	21.8	22.4
Fall River	18.7	18.3	18.0	1.7	1.6	1.6	13.7	13.9	14.3
Fitchburg-Leominster	13.7	13.8	13.8	1.6	1.7	1.8	9.7	9.8	10.0
Lawrence-Haverhill	56.9	55.4	55.4	6.5	7.0	7.0	34.2	36.3	36.9
Lowell	38.8	37.5	37.7	3.9	3.9	4.0	23.4	25.3	25.6
New Bedford	23.4	22.5	22.2	2.6	2.5	2.5	16.0	16.4	16.9
Pittsfield	11.8	11.9	11.8	1.0	1.1	1.0	11.3	11.9	12.2
Springfield	52.8	52.8	52.7	8.8	8.7	8.7	53.0	54.4	55.5
Worcester	45.1	43.0	42.8	8.1	7.9	7.9	45.9	47.1	48.3
Michigan	993.0	975.2	973.1	145.2	147.4	146.6	810.5	825.9	839.6
Ann Arbor	36.0	37.3	37.9	4.6	4.4	4.5	25.8	27.4	28.3
Battle Creek	14.8	(²)	(²)	1.7	(²)	(²)	10.4	(²)	(²)
Benton Harbor	20.8	(²)	(²)	2.4	(²)	(²)	11.9	(²)	(²)
Detroit	485.7	478.7	478.5	79.7	81.8	81.3	423.3	436.4	444.7
Flint	68.5	65.3	63.5	4.4	4.3	4.2	41.4	41.7	42.6
Grand Rapids	99.5	96.9	96.2	10.6	10.6	10.6	74.9	75.6	76.6
Jackson	13.0	(²)	(²)	4.1	(²)	(²)	10.6	(²)	(²)
Kalamazoo	29.5	29.4	29.5	3.0	3.1	3.1	21.9	22.0	22.5
Lansing-East Lansing	39.6	38.3	38.7	4.9	5.1	5.1	37.7	38.7	39.6
Muskegon	18.8	(²)	(²)	2.6	(²)	(²)	11.8	(²)	(²)
Saginaw-Bay City-Midland	46.0	45.0	44.8	7.1	6.8	6.8	35.4	36.3	37.8
Minnesota	368.8	366.6	365.0	99.9	100.0	99.6	479.3	478.4	481.6
Duluth	6.9	6.8	6.8	6.0	5.7	5.6	22.2	22.0	22.1
Minneapolis-St. Paul	254.6	252.2	251.6	68.9	68.3	68.4	309.4	307.9	311.8
Rochester	10.7	(²)	(²)	1.8	(²)	(²)	11.9	(²)	(²)
St. Cloud	10.9	10.5	11.0	3.7	3.8	3.8	19.2	20.3	20.5
Mississippi	223.8	221.3	220.3	39.8	40.8	40.3	184.6	187.1	189.8
Jackson	20.2	20.9	20.6	10.8	10.9	10.9	41.3	42.0	42.8
Missouri	430.3	419.3	415.9	144.6	143.9	144.0	531.0	545.3	546.6
Kansas City	119.5	117.0	117.1	53.2	53.5	53.5	189.7	191.4	193.3
St. Joseph	8.9	(²)	(²)	2.2	(²)	(²)	9.1	(²)	(²)
St. Louis	224.7	220.9	218.5	72.5	71.5	71.3	263.4	263.3	264.4
Springfield	18.8	18.9	18.6	6.0	6.1	6.1	28.1	28.8	29.1
Montana	20.9	20.8	20.8	19.8	20.2	19.9	77.3	72.5	72.8
Nebraska	87.2	88.7	88.6	43.1	42.4	42.7	168.8	169.9	170.1
Lincoln	12.9	13.0	13.0	5.7	5.8	5.8	24.6	24.3	24.4
Omaha	33.8	33.6	33.4	23.5	22.5	22.9	73.2	73.2	73.6
Nevada	22.1	22.4	22.5	25.7	26.5	26.7	95.9	98.1	99.2
Las Vegas	8.0	8.1	8.1	14.6	15.0	15.0	55.6	56.6	57.4
Reno	8.2	8.3	8.3	8.1	8.7	8.9	29.1	29.7	29.9
New Hampshire	123.1	119.1	119.5	15.8	16.2	16.3	120.3	122.5	124.5
Manchester	15.3	(²)	(²)	4.9	(²)	(²)	22.2	(²)	(²)
Nashua	36.7	36.1	36.2	2.2	2.2	2.2	18.1	18.6	19.1
New Jersey	716.1	720.3	716.6	228.9	232.9	232.1	839.3	864.0	879.3
Atlantic City	7.9	(²)	(²)	5.9	(²)	(²)	27.8	(²)	(²)
Bergen-Passaic	165.8	166.5	166.4	31.6	31.9	32.2	187.3	186.2	190.7
Camden	77.6	78.4	77.8	17.1	17.7	17.6	110.7	113.9	115.7
Jersey City	55.5	55.6	54.2	30.7	31.1	30.8	56.3	59.1	59.7
Middlesex-Somerset-Hunterdon	114.0	115.2	113.7	37.6	38.1	38.3	120.2	121.7	122.5
Monmouth-Ocean	31.9	32.2	31.5	15.1	15.3	15.4	83.6	87.0	87.9
Newark	194.1	191.5	191.9	77.2	78.4	77.8	198.0	201.6	203.8
Trenton	33.3	34.0	34.4	5.8	6.2	6.1	31.3	32.0	32.5
Vineland-Milville-Bridgeton	14.9	(²)	(²)	2.2	(²)	(²)	11.1	(²)	(²)

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Maryland	113.1	118.7	119.1	478.5	508.1	511.2	400.0	400.0	400.1
Baltimore MSA	68.9	72.7	72.9	254.5	272.4	272.7	206.0	207.6	208.9
Baltimore City	43.4	45.7	45.8	128.3	139.9	139.4	88.5	89.3	90.6
Suburban Maryland-D.C.	36.7	38.9	39.3	189.0	199.1	199.4	158.1	159.0	159.1
Massachusetts	195.1	202.9	204.3	795.2	829.3	832.5	383.6	382.5	385.1
Boston	132.8	139.6	140.7	521.5	541.8	541.9	196.7	191.6	192.2
Brockton	3.0	3.1	3.1	14.3	15.5	15.7	11.7	11.6	11.6
Fall River	2.8	2.8	2.8	10.3	10.3	10.3	6.7	6.4	6.5
Fitchburg-Leominster	1.5	1.6	1.6	7.1	7.0	7.1	4.6	4.6	4.6
Lawrence-Haverhill	5.4	5.6	5.7	31.1	32.8	32.9	18.5	19.3	19.5
Lowell	3.7	3.9	4.0	17.6	18.3	18.3	13.4	13.9	13.9
New Bedford	2.6	3.3	3.2	11.3	12.1	12.0	9.7	10.2	10.3
Pittsfield	2.1	2.1	2.2	8.6	8.8	8.6	4.7	4.9	4.9
Springfield	14.6	15.2	15.3	53.0	54.9	55.2	36.6	35.8	35.9
Worcester	11.7	12.1	12.3	43.9	46.2	46.7	23.6	23.5	23.2
Michigan	164.0	170.7	172.0	759.7	785.0	783.3	598.8	607.1	597.4
Ann Arbor	4.4	4.5	4.6	30.1	31.3	31.4	50.2	51.4	51.0
Battle Creek	3.9	(²)	(²)	11.0	(²)	(²)	11.6	(²)	(²)
Benton Harbor	2.2	(²)	(²)	13.0	(²)	(²)	8.4	(²)	(²)
Detroit	96.7	99.8	100.7	429.2	449.1	447.3	232.0	238.6	237.3
Flint	6.1	6.4	6.4	29.0	30.2	30.0	22.9	23.1	22.4
Grand Rapids	11.9	12.5	12.5	61.2	61.9	62.1	29.6	30.2	30.0
Jackson	1.5	(²)	(²)	9.5	(²)	(²)	9.4	(²)	(²)
Kalamazoo	4.0	4.3	4.3	22.0	23.2	23.2	16.5	17.1	16.8
Lansing-East Lansing	10.6	11.5	11.5	32.9	36.0	35.9	62.8	65.7	64.1
Muskegon	1.3	(²)	(²)	10.9	(²)	(²)	7.6	(²)	(²)
Saginaw-Bay City-Midland	6.0	5.9	5.9	28.8	30.2	30.3	19.5	20.6	20.3
Minnesota	112.6	116.7	116.9	439.1	455.7	455.3	311.8	321.6	319.3
Duluth	3.0	3.1	3.1	19.7	20.3	20.3	19.5	20.4	20.4
Minneapolis-St. Paul	86.4	90.5	90.7	299.3	309.3	309.1	167.3	171.3	169.6
Rochester	1.5	(²)	(²)	22.3	(²)	(²)	5.7	(²)	(²)
St. Cloud	2.2	2.3	2.3	13.3	13.4	13.1	12.6	12.3	12.3
Mississippi	36.0	37.0	37.2	132.5	137.1	136.9	193.3	193.7	193.7
Jackson	13.1	13.8	13.8	35.5	36.5	36.5	37.6	37.6	37.9
Missouri	122.0	126.4	127.1	464.6	486.7	485.8	336.8	340.6	338.3
Kansas City	52.1	53.3	53.5	153.8	156.0	155.8	105.5	107.5	105.5
St. Joseph	2.1	(²)	(²)	7.0	(²)	(²)	5.9	(²)	(²)
St. Louis	66.3	69.9	69.8	258.9	267.5	267.5	137.2	134.1	132.3
Springfield	4.6	4.6	4.6	25.2	26.6	26.7	13.3	14.2	14.2
Montana ..	13.4	12.5	12.7	59.2	60.4	60.5	70.0	70.5	69.8
Nebraska	45.8	47.8	47.7	143.8	147.1	146.6	139.6	143.8	141.4
Lincoln	7.7	8.0	7.9	21.3	22.0	22.0	29.7	30.5	29.5
Omaha	27.1	28.1	28.1	75.0	75.8	75.5	44.8	45.2	44.8
Nevada	22.2	23.3	23.4	196.0	206.9	206.1	61.3	63.5	63.5
Las Vegas	13.3	14.1	14.2	122.3	128.6	129.2	30.8	31.9	32.0
Reno	6.5	6.6	6.6	49.0	51.5	50.7	15.8	16.2	16.1
New Hampshire	26.0	28.4	28.7	101.4	106.7	106.7	61.6	62.2	62.6
Manchester	7.2	(²)	(²)	19.2	(²)	(²)	7.8	(²)	(²)
Nashua	2.7	2.7	2.8	15.2	15.4	15.5	6.0	6.4	6.6
New Jersey	194.9	204.7	205.4	800.3	845.2	842.4	544.4	554.7	554.3
Atlantic City	6.8	(²)	(²)	62.3	(²)	(²)	24.6	(²)	(²)
Bergen-Passaic	32.8	34.9	35.0	135.6	143.2	143.1	67.8	68.8	69.2
Camden	20.4	20.8	21.0	88.1	95.5	96.0	69.8	72.3	72.4
Jersey City	9.1	9.1	9.0	38.0	38.1	38.1	42.0	43.0	43.2
Middlesex-Somerset-Hunterdon	29.0	30.0	30.0	95.4	105.2	104.9	72.4	73.7	73.7
Monmouth-Ocean	14.8	15.9	15.9	75.0	80.4	80.7	58.9	61.1	61.2
Newark	70.2	73.7	74.0	229.9	239.5	239.9	139.4	139.0	138.1
Trenton	8.9	9.1	9.2	49.9	52.8	52.5	53.3	55.3	55.4
Vineland-Millville-Bridgeton	2.8	(²)	(²)	9.3	(²)	(²)	11.3	(²)	(²)

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a
New Mexico	526.9	527.1	528.4	20.0	14.6	14.0	35.6	36.3	34.9
Albuquerque	224.6	228.7	229.1	.3	.2	.3	18.4	18.0	17.8
Las Cruces	38.4	41.4	41.7	(¹)	(¹)	(¹)	2.5	2.8	2.7
Santa Fe	51.0	51.2	51.2	.1	.1	.1	3.4	3.5	3.3
New York	7,909.8	8,060.1	8,079.0	6.5	6.6	6.1	295.9	334.0	323.3
Albany-Schenectady-Troy	389.4	394.4	393.5	.2	.3	.2	15.5	17.8	16.8
Binghamton	119.1	118.8	119.0	(¹)	(¹)	(¹)	5.0	5.5	5.3
Buffalo	425.7	430.8	430.0	.5	.5	.5	16.3	17.9	15.7
Elmira	35.8	37.4	37.4	(¹)	(¹)	(¹)	1.2	1.7	1.5
Glens Falls	41.3	42.7	42.6	(¹)	(¹)	(¹)	1.8	2.1	2.1
Monroe County	374.5	(²)	(²)	.3	(²)	(²)	12.4	(²)	(²)
Nassau-Suffolk	1,102.0	1,125.9	1,132.8	.3	.3	.3	52.8	56.9	56.2
New York PMSA	4,064.4	4,121.6	4,134.8	1.8	1.7	1.7	139.6	149.4	147.1
New York City	3,553.5	3,603.9	3,615.2	1.3	1.2	1.2	111.0	118.8	117.0
Niagara Falls	80.1	80.2	79.2	(¹)	(¹)	(¹)	3.2	3.2	2.8
Orange County	94.3	96.3	96.2	(¹)	(¹)	(¹)	3.9	4.3	4.0
Poughkeepsie	116.9	117.1	117.1	.2	.2	.2	5.4	6.4	6.3
Rochester	459.7	460.8	459.6	.8	.8	.8	15.6	17.5	16.6
Rockland County	95.0	95.2	95.6	(²)	(²)	(²)	4.1	4.7	4.6
Syracuse	294.1	295.4	295.2	.3	.1	.1	16.5	15.3	14.6
Utica-Rome	118.8	118.9	118.3	.1	.2	.2	3.3	3.9	3.2
Westchester County	399.8	405.7	407.3	.3	.3	.3	23.2	24.3	24.0
North Carolina	2,706.7	2,781.3	2,785.4	4.7	4.7	4.6	154.7	165.3	164.1
Asheville	76.6	75.2	75.0	.1	.1	.1	3.8	3.7	3.5
Charlotte-Gastonia-Rock Hill	524.8	537.5	538.0	.3	.3	.3	29.4	31.5	30.8
Greensboro-Winston-Salem-High Point	442.9	451.0	451.1	.4	.4	.4	22.7	23.9	23.5
Raleigh-Durham	363.4	370.2	370.5	.3	.3	.3	24.3	24.3	24.2
North Dakota	251.2	251.6	250.9	6.5	4.3	4.1	10.1	11.2	9.4
Bismarck	36.1	36.1	36.3	.2	.2	.2	1.3	1.4	1.2
Fargo-Moorhead	67.8	70.5	69.9	(¹)	(¹)	(¹)	2.8	3.3	2.8
Grand Forks	29.1	29.5	29.7	(¹)	(¹)	(¹)	1.3	1.5	1.3
Ohio	4,483.7	4,602.2	4,605.7	26.2	24.5	24.3	155.7	176.9	165.4
Akron	264.3	273.0	273.3	.8	.7	.7	8.4	10.6	9.7
Canton	155.7	(²)	(²)	1.2	(²)	(²)	5.7	(²)	(²)
Cincinnati	645.7	670.9	671.7	.5	.5	.5	24.0	27.3	26.2
Cleveland	884.2	900.9	903.5	1.2	1.0	1.0	28.4	30.1	28.0
Columbus	631.4	661.9	663.5	1.0	1.0	1.0	22.0	26.1	25.0
Dayton-Springfield	418.2	431.8	432.9	.4	.4	.4	14.4	17.3	16.4
Toledo	274.2	280.7	281.1	.2	.2	.2	9.1	10.5	9.8
Youngstown-Warren	188.3	(²)	(²)	.8	(²)	(²)	6.5	(²)	(²)
Oklahoma	1,177.1	1,158.8	1,162.4	63.2	53.1	53.0	45.1	44.6	44.2
Enid	23.7	(²)	(²)	1.6	(²)	(²)	.8	(²)	(²)
Lawton	33.9	32.6	32.7	.2	.1	.1	1.4	1.3	1.3
Oklahoma City	427.4	410.5	410.5	16.3	13.2	13.3	16.3	15.6	15.8
Tulsa	305.4	303.2	303.0	20.2	19.1	19.1	13.4	13.3	13.1
Oregon	1,043.0	1,072.0	1,066.3	1.5	1.7	1.5	31.0	31.7	30.0
Eugene-Springfield	98.1	100.8	100.2	.2	.2	.2	3.1	3.3	3.1
Portland	528.2	534.5	534.3	.5	.5	.5	16.7	17.4	16.9
Salem	87.9	92.4	90.3	.1	.1	.1	2.9	2.8	2.7
Pennsylvania	4,824.9	4,894.3	4,888.0	34.8	33.7	32.9	193.5	215.7	201.9
Allentown-Bethlehem	264.2	265.9	265.7	.4	.5	.5	10.4	12.2	11.4
Altoona	49.8	50.8	50.6	(²)	(²)	(²)	2.4	2.9	2.6
Beaver County	52.8	51.7	51.8	(²)	(²)	(²)	4.3	4.9	4.9
Delaware Valley	1,694.1	1,708.4	1,714.3	1.0	1.0	1.0	66.2	73.4	71.8
Erie	110.9	112.2	111.9	.2	.3	.3	3.2	4.0	3.6
Harrisburg-Lebanon-Carlisle	280.7	287.2	286.2	.4	.4	.4	10.0	10.8	10.2
Johnstown	76.3	77.6	77.2	4.2	3.6	3.5	2.4	3.1	2.7
Lancaster	170.8	177.0	176.4	.4	.4	.4	8.6	9.9	9.7
Philadelphia PMSA	2,097.4	2,129.4	2,136.8	1.1	1.1	1.1	85.7	95.8	93.9
Philadelphia City	772.6	774.7	775.5	(²)	(²)	(²)	19.0	19.7	18.7
Pittsburgh	869.3	871.8	869.7	7.2	6.8	6.7	40.8	44.3	41.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
New Mexico	37.5	37.9	37.8	29.9	28.0	27.9	129.7	130.5	133.0
Albuquerque	19.3	19.4	19.3	12.4	12.3	12.3	58.7	59.1	59.9
Las Cruces	3.2	3.8	3.5	1.4	1.5	1.6	8.3	8.4	8.6
Santa Fe	1.6	1.5	1.5	1.2	1.1	1.1	10.0	10.3	10.5
New York	1,281.9	1,252.9	1,242.2	419.2	416.5	417.8	1,712.2	1,715.0	1,744.3
Albany-Schenectady-Troy	51.8	48.2	48.0	16.5	16.5	16.6	86.4	86.4	87.7
Binghamton	38.8	36.8	36.9	4.1	4.0	4.0	25.0	25.6	26.0
Buffalo	77.9	76.1	75.8	21.7	21.7	21.9	109.0	109.9	110.8
Elmira	7.0	7.3	7.4	1.3	1.3	1.3	10.4	10.5	10.6
Glens Falls	9.9	10.1	10.1	1.3	1.3	1.3	9.4	9.7	9.9
Monroe County	126.6	(²)	(²)	11.0	(²)	(²)	77.8	(²)	(²)
Nassau-Suffolk	182.7	182.9	182.5	47.3	48.3	48.7	304.0	307.4	314.1
New York PMSA	485.5	483.9	476.8	258.2	254.2	254.3	795.5	783.9	795.5
New York City	399.7	398.6	391.2	233.0	229.1	229.3	669.0	658.4	667.6
Niagara Falls	24.6	24.1	23.6	3.9	3.9	3.8	18.5	18.3	18.5
Orange County	15.1	15.1	15.0	5.7	5.6	5.6	25.2	25.8	26.2
Poughkeepsie	34.6	32.4	32.4	3.2	3.2	3.3	21.1	21.3	21.6
Rochester	146.9	137.2	136.0	13.5	13.6	13.6	97.3	98.9	100.5
Rockland County	15.9	15.6	15.5	4.1	4.2	4.1	22.8	22.2	22.7
Syracuse	56.6	53.9	54.1	16.2	16.7	16.8	68.8	69.3	70.4
Utica-Rome	25.2	24.4	24.1	4.6	4.7	4.7	26.0	25.9	26.2
Westchester County	68.1	68.0	68.4	20.5	20.4	20.3	99.8	99.3	101.3
North Carolina	829.8	834.5	832.5	130.9	136.1	136.3	600.0	614.5	624.4
Asheville	21.4	20.1	20.2	3.6	3.8	3.7	17.8	17.4	17.6
Charlotte-Gastonia-Rock Hill	146.7	147.4	147.3	45.8	47.3	47.3	125.7	128.0	129.2
Greensboro-Winston-Salem-High Point	152.8	151.5	151.1	24.6	25.4	25.3	96.9	98.7	99.8
Raleigh-Durham	59.6	57.5	57.2	16.9	17.9	18.1	76.8	78.8	79.5
North Dakota	15.3	15.7	15.7	16.1	15.7	15.7	68.0	67.4	67.8
Bismarck	1.9	1.9	1.9	2.8	2.7	2.7	10.0	9.8	9.8
Fargo-Moorhead	4.7	4.9	4.7	4.0	4.0	4.0	20.6	21.1	21.1
Grand Forks	1.5	1.5	1.6	1.4	1.4	1.4	8.4	8.3	8.4
Ohio	1,123.6	1,096.7	1,096.0	204.4	207.6	208.2	1,089.9	1,127.0	1,141.0
Akron	66.8	65.8	65.8	13.0	13.3	13.3	66.0	68.8	69.9
Canton	46.0	(²)	(²)	6.0	(²)	(²)	39.1	(²)	(²)
Cincinnati	149.5	149.5	148.7	33.8	34.7	34.7	167.4	174.5	176.6
Cleveland	208.3	203.6	203.7	42.6	42.5	43.1	217.1	219.0	223.1
Columbus	107.1	104.8	104.7	26.3	27.3	27.4	163.6	171.0	173.3
Dayton-Springfield	106.6	104.2	104.3	14.7	15.7	15.9	95.6	99.0	100.5
Toledo	66.2	62.1	62.1	14.1	14.3	14.3	69.0	71.3	72.5
Youngstown-Warren	52.9	(²)	(²)	7.6	(²)	(²)	47.9	(²)	(²)
Oklahoma	169.9	157.7	158.0	63.5	61.8	61.9	290.4	291.3	294.3
Enid	1.9	(²)	(²)	2.6	(²)	(²)	6.6	(²)	(²)
Lawton	3.6	3.5	3.4	1.3	1.2	1.2	9.1	8.8	8.9
Oklahoma City	52.3	48.9	48.7	21.3	20.6	20.5	109.9	102.0	101.8
Tulsa	53.6	51.5	51.8	21.5	21.7	21.5	75.2	75.1	75.7
Oregon	196.3	197.6	192.9	59.4	59.6	59.8	267.4	270.7	274.9
Eugene-Springfield	17.7	18.4	18.0	4.5	4.0	4.1	25.1	25.3	25.6
Portland	93.2	89.6	89.2	35.4	34.6	34.6	142.9	143.6	145.5
Salem	11.3	12.5	11.0	2.7	2.5	2.6	20.2	21.8	21.9
Pennsylvania	1,072.3	1,035.0	1,032.4	241.3	242.3	241.9	1,124.2	1,149.3	1,162.5
Allentown-Bethlehem	83.5	77.9	77.4	14.0	14.0	14.0	58.0	59.5	60.4
Altoona	10.8	11.0	10.8	4.7	4.4	4.4	13.3	13.8	13.9
Beaver County	11.9	9.6	9.8	5.0	5.1	5.1	11.8	11.8	11.9
Delaware Valley	320.8	309.0	309.0	78.7	79.7	79.6	388.9	395.6	400.1
Erie	35.4	33.6	33.7	4.3	4.3	4.2	24.5	25.1	25.4
Harrisburg-Lebanon-Carlisle	51.8	51.0	50.9	18.3	18.4	18.4	63.8	65.8	65.9
Johnstown	12.3	12.3	12.3	5.2	5.1	5.0	16.8	17.3	17.3
Lancaster	58.6	60.4	59.9	6.8	6.8	6.8	42.1	42.8	43.3
Philadelphia PMSA	398.0	387.4	386.5	95.8	97.4	97.2	499.5	509.5	515.8
Philadelphia City	102.8	100.6	100.2	44.6	46.2	45.9	152.8	153.9	155.2
Pittsburgh	137.7	125.8	126.8	47.0	45.6	45.7	225.9	226.5	226.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a
New Mexico	25.6	26.6	26.7	114.2	116.0	117.3	134.4	137.2	136.8
Albuquerque	13.5	13.9	14.0	58.1	58.9	59.5	43.9	46.9	46.0
Las Cruces	1.5	1.7	1.7	5.5	6.0	6.1	16.0	17.2	17.5
Santa Fe	2.0	2.1	2.1	12.3	12.7	12.8	20.4	19.9	19.8
New York	725.0	748.3	750.5	2,094.7	2,173.9	2,179.6	1,374.4	1,412.9	1,415.2
Albany-Schenectady-Troy	19.7	20.9	21.0	92.5	95.6	94.8	106.8	108.6	108.5
Binghamton	3.7	3.8	3.8	21.4	21.7	21.6	21.1	21.3	21.3
Buffalo	22.8	23.5	23.7	105.3	108.3	108.1	72.3	72.9	73.5
Elmira	1.2	1.2	1.2	8.4	8.8	8.7	6.3	6.7	6.6
Glens Falls	1.8	1.9	1.9	8.0	8.1	8.0	8.9	9.3	9.2
Monroe County	17.8	(²)	(²)	88.0	(²)	(²)	40.6	(²)	(²)
Nassau-Suffolk	66.1	69.5	69.7	268.8	277.4	277.3	180.1	183.2	183.9
New York PMSA	538.6	553.3	554.9	1,202.0	1,235.4	1,241.9	643.2	659.8	662.4
New York City	510.0	523.5	524.9	1,067.0	1,096.6	1,103.8	562.4	577.7	580.3
Niagara Falls	1.9	1.9	1.9	15.6	16.1	16.0	12.2	12.5	12.4
Orange County	3.5	3.7	3.7	19.3	19.8	19.7	21.5	21.9	21.8
Poughkeepsie	3.6	3.9	3.9	24.2	24.8	24.9	24.5	24.8	24.5
Rochester	19.6	20.6	20.6	102.2	106.9	106.3	63.8	65.2	65.2
Rockland County	3.7	3.8	3.8	23.2	23.0	23.0	21.1	21.7	21.8
Syracuse	18.9	18.9	19.0	68.2	71.2	70.3	48.6	49.9	49.9
Utica-Rome	6.2	6.3	6.3	24.1	24.2	24.3	29.1	29.3	29.2
Westchester County	24.4	25.5	25.7	107.6	111.6	110.9	55.9	56.5	56.5
North Carolina	111.0	118.3	118.6	437.8	461.9	461.4	437.6	445.9	443.6
Asheville	2.5	2.5	2.6	15.4	15.6	15.4	12.0	12.0	11.9
Charlotte-Gastonia-Rock Hill	29.2	30.7	31.0	88.9	93.4	93.3	58.8	59.0	58.8
Greensboro-Winston-Salem-High Point	20.6	21.7	21.7	72.8	74.5	75.0	52.1	54.9	54.4
Raleigh-Durham	19.8	21.0	21.0	80.5	84.6	84.5	85.3	85.8	85.6
North Dakota	12.4	12.5	12.6	58.2	60.0	60.1	64.6	64.8	65.5
Bismarck	1.7	1.7	1.7	10.0	10.2	10.3	8.2	8.2	8.5
Fargo-Moorhead	4.2	4.4	4.4	17.8	18.5	18.6	13.7	14.3	14.3
Grand Forks	1.1	1.1	1.1	6.2	6.4	6.4	9.2	9.4	9.5
Ohio	221.6	232.3	233.2	976.5	1,043.9	1,042.5	685.8	693.3	695.2
Akron	9.9	10.4	10.5	55.4	58.7	58.7	44.1	44.7	44.7
Canton	6.2	(²)	(²)	33.7	(²)	(²)	17.8	(²)	(²)
Cincinnati	36.1	38.4	38.5	150.4	160.3	160.7	84.0	85.8	85.9
Cleveland	49.7	52.7	53.1	220.9	233.8	233.0	116.1	118.2	118.4
Columbus	50.3	53.1	53.3	144.4	159.6	158.8	116.7	119.0	120.0
Dayton-Springfield	16.8	17.5	17.5	96.6	105.1	104.9	73.2	72.7	72.9
Toledo	10.7	11.8	11.8	62.9	67.7	67.7	42.0	42.7	42.6
Youngstown-Warren	7.5	(²)	(²)	41.1	(²)	(²)	24.0	(²)	(²)
Oklahoma	64.0	63.1	63.2	226.4	228.2	229.6	254.6	259.0	258.2
Enid	1.2	(²)	(²)	5.2	(²)	(²)	3.8	(²)	(²)
Lawton	1.6	1.5	1.5	5.2	5.2	5.2	11.5	11.0	11.1
Oklahoma City	27.1	26.0	26.1	85.4	85.2	85.3	98.8	99.0	99.0
Tulsa	17.2	16.6	16.7	69.4	70.3	70.1	34.9	35.6	35.0
Oregon	67.6	70.8	71.4	218.0	232.7	232.6	201.8	207.2	203.2
Eugene-Springfield	4.5	4.6	4.6	20.9	22.1	22.0	22.1	22.9	22.6
Portland	42.6	44.0	44.3	122.0	127.2	127.1	74.9	77.6	76.2
Salem	5.2	5.3	5.4	17.6	18.4	18.4	27.9	29.0	28.2
Pennsylvania	265.4	274.8	275.6	1,202.0	1,253.2	1,252.7	691.4	690.3	688.1
Allentown-Bethlehem	10.0	10.5	10.4	59.1	62.2	62.4	28.8	29.1	29.2
Altoona	1.5	1.5	1.5	10.0	10.1	10.4	7.1	7.1	7.0
Beaver County	1.8	1.9	1.8	10.9	11.2	11.1	7.1	7.2	7.2
Delaware Valley	123.3	124.8	124.9	487.6	500.1	502.7	227.6	224.8	225.2
Erie	5.0	5.2	5.2	25.0	26.5	26.4	13.3	13.2	13.1
Harrisburg-Lebanon-Carlisle	15.3	16.2	16.2	55.9	58.8	58.8	65.2	65.8	65.4
Johnstown	4.4	4.5	4.6	18.3	18.9	19.3	12.7	12.8	12.5
Lancaster	6.2	6.6	6.6	32.8	34.6	34.3	15.3	15.5	15.4
Philadelphia PMSA	143.7	145.6	145.9	576.2	595.5	598.8	297.4	297.1	297.6
Philadelphia City	67.0	67.6	67.7	246.2	249.0	250.7	140.2	137.7	137.1
Pittsburgh	50.5	52.0	52.2	251.7	261.5	260.7	108.5	109.3	109.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Pennsylvania—Continued									
Reading	145.7	147.4	147.2	(²)	(²)	(²)	6.0	6.5	6.3
Scranton—Wilkes-Barre	277.5	282.8	281.5	0.8	0.8	0.8	10.4	12.3	11.6
Sharon	40.6	40.6	40.6	.2	.2	.2	1.0	1.5	1.4
State College	50.7	52.5	50.8	.3	.3	.3	1.5	1.7	1.5
Williamsport	46.8	48.4	48.2	(²)	(²)	(²)	1.7	2.1	1.9
York	164.2	166.4	166.4	.4	.4	.4	8.2	9.1	8.9
Rhode Island									
Pawtucket—Woonsocket—Attleboro	431.4	437.9	438.2	.1	.1	.1	14.8	16.4	16.1
Providence	129.9	131.3	131.2	.1	.1	.1	4.1	4.6	4.5
Providence	305.9	310.6	310.9	.1	.1	.1	10.8	12.0	11.5
South Carolina									
Charleston	1,321.8	1,361.1	1,365.6	1.7	1.7	1.7	85.9	89.5	89.5
Columbia	174.8	182.5	183.8	(¹)	(¹)	(¹)	12.8	13.8	13.9
Greenville—Spartanburg	209.5	219.5	220.7	(¹)	(¹)	(¹)	12.8	13.9	14.0
Greenville—Spartanburg	289.6	295.2	296.3	(¹)	(¹)	(¹)	20.0	20.5	20.4
South Dakota									
Rapid City	247.1	254.1	251.5	2.1	2.3	2.2	8.7	9.7	8.9
Sioux Falls	32.8	34.4	33.9	.2	.3	.2	1.8	1.9	1.7
Sioux Falls	62.4	63.4	62.8	(¹)	(¹)	(¹)	2.4	2.9	2.4
Tennessee									
Chattanooga	1,900.9	1,981.8	1,991.5	7.5	6.8	6.4	83.3	90.3	89.9
Johnson City—Kingsport—Bristol	182.4	180.4	181.2	1.0	1.0	1.0	6.6	7.4	6.6
Knoxville	153.6	154.5	156.3	.1	.1	.1	6.2	5.7	5.6
Memphis	228.7	235.4	233.0	2.0	1.7	1.6	11.1	12.0	11.8
Nashville	387.9	393.6	394.1	.1	.1	.1	17.6	18.4	18.9
Nashville	433.2	440.9	440.4	.7	.7	.7	25.3	29.4	29.0
Texas									
Abilene	6,766.7	6,687.2	6,694.9	250.5	192.1	191.9	444.4	405.5	397.8
Amarillo	54.4	52.9	53.1	4.1	3.3	3.3	2.9	2.9	2.9
Austin	81.5	81.4	81.2	1.7	1.3	1.3	4.0	3.9	3.8
Beaumont—Port Arthur	370.1	367.2	367.0	1.1	1.0	1.0	27.0	24.3	23.6
Brazoria	135.4	128.7	128.6	2.4	1.2	1.2	9.4	8.6	8.5
Brownsville—Harlingen	59.6	57.5	57.6	1.9	1.4	1.3	6.4	5.9	5.8
Bryan—College Station	65.0	66.1	66.1	.1	.1	.1	3.1	3.2	3.2
Corpus Christi	50.5	(²)	(²)	1.3	(²)	(²)	2.8	(²)	(²)
Dallas	136.8	134.5	134.5	7.7	6.2	6.2	11.1	11.4	11.0
Dallas	1,327.6	1,341.8	1,340.4	23.8	20.0	20.0	83.2	70.8	68.4
El Paso	179.1	178.4	179.2	.4	.2	.2	8.9	9.0	9.0
Ft. Worth—Arlington	511.2	510.5	512.2	4.5	3.3	3.3	32.3	31.7	31.4
Galveston—Texas City	72.7	71.6	71.7	.8	.4	.4	3.3	2.9	2.7
Houston	1,506.2	1,457.9	1,458.9	91.2	75.9	75.7	103.6	94.1	91.5
Killeen—Temple	67.4	68.3	68.0	.1	.1	.1	3.9	3.7	3.6
Laredo	35.0	(²)	(²)	1.9	(²)	(²)	1.4	(²)	(²)
Longview—Marshall	69.1	66.6	66.4	4.5	4.1	4.0	3.4	3.0	3.0
Lubbock	93.9	92.1	92.5	.5	.3	.3	4.6	3.8	3.7
McAllen—Edinburg—Mission	86.1	87.1	86.7	1.6	1.4	1.4	4.5	4.4	4.4
Midland	49.7	45.9	46.0	11.3	8.7	8.6	2.4	2.2	2.2
Odessa	52.3	45.7	45.7	9.0	6.7	6.7	3.0	2.2	2.1
San Angelo	38.1	(²)	(²)	.9	(²)	(²)	2.3	(²)	(²)
San Antonio	487.2	485.1	485.4	3.3	2.6	2.6	36.3	32.2	31.9
Sherman—Denison	37.3	(²)	(²)	.3	(²)	(²)	1.6	(²)	(²)
Texarkana	45.9	(²)	(²)	.1	(²)	(²)	2.2	(²)	(²)
Tyler	63.6	63.0	62.5	2.7	2.1	2.1	2.9	2.7	2.6
Victoria	29.5	(²)	(²)	3.2	(²)	(²)	2.0	(²)	(²)
Waco	79.5	79.3	78.8	.2	.1	.1	4.5	4.5	4.3
Wichita Falls	52.4	(²)	(²)	3.0	(²)	(²)	2.2	(²)	(²)
Utah									
Provo—Orem	638.1	644.8	645.5	9.0	8.2	8.5	34.0	33.8	31.3
Salt Lake City—Ogden	71.4	74.8	74.5	.1	.1	.1	3.4	3.4	3.0
Salt Lake City—Ogden	443.6	451.3	451.5	2.0	2.4	2.8	22.8	25.0	23.0
Vermont									
Burlington	231.5	230.2	232.7	.4	.7	.6	15.3	13.4	12.9
Springfield	69.9	69.8	69.3	(¹)	(¹)	(¹)	4.6	3.3	3.2
Springfield	13.9	13.7	14.0	(¹)	(¹)	(¹)	1.1	1.1	1.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Pennsylvania-Continued									
Reading	49.6	48.9	48.9	6.1	6.5	6.5	31.8	31.9	32.0
Scranton-Wilkes-Barre	72.5	72.8	72.5	14.9	15.3	15.3	62.2	62.0	62.0
Sharon	10.2	9.2	9.3	2.0	1.8	1.8	10.3	10.5	10.6
State College	7.7	7.5	7.2	1.3	1.3	1.3	9.6	9.5	9.3
Williamsport	14.9	14.9	14.9	1.9	1.9	1.9	10.5	11.0	11.1
York	58.8	57.6	57.5	7.0	7.2	7.1	39.2	39.7	40.0
Rhode Island									
Pawtucket-Woonsocket-Attleboro	120.8	121.5	120.8	13.8	14.4	14.3	95.9	97.2	98.9
Providence	56.3	56.5	56.0	3.5	3.6	3.6	30.1	30.1	30.6
Providence	77.0	78.0	77.7	10.5	10.8	10.8	67.1	68.0	69.2
South Carolina									
Charleston	363.0	362.3	362.3	57.1	57.7	57.9	287.4	301.2	305.8
Columbia	19.7	20.3	20.2	9.1	9.4	9.6	42.6	43.0	43.7
Columbia	28.1	27.9	28.2	9.6	9.2	9.4	46.0	47.4	47.7
Greenville-Spartanburg	96.1	96.0	95.6	10.3	10.5	10.6	66.9	68.5	70.1
South Dakota									
Rapid City	27.3	29.1	28.8	12.8	12.6	12.8	65.0	66.2	66.3
Rapid City	3.5	3.9	3.9	1.9	1.7	1.8	9.3	9.7	9.7
Sioux Falls	8.5	8.4	8.1	4.5	4.5	4.6	16.8	16.4	16.7
Tennessee									
Chattanooga	485.0	489.1	491.2	94.1	93.6	92.7	463.6	478.7	487.1
Chattanooga	44.0	43.2	43.1	8.1	7.9	7.9	40.2	38.4	39.3
Johnson City-Kingsport-Bristol	51.5	50.5	51.2	5.5	5.7	5.6	34.8	34.8	36.0
Knoxville	48.7	47.7	47.5	8.8	8.7	8.6	54.0	55.2	53.7
Memphis	50.2	51.3	51.7	32.8	34.5	34.7	109.1	108.1	108.6
Nashville	91.5	90.6	90.4	21.9	19.9	19.9	105.5	106.2	107.0
Texas									
Abilene	996.9	959.6	957.8	383.2	374.4	374.0	1,746.5	1,724.3	1,740.9
Abilene	5.4	4.9	4.9	2.8	2.7	2.7	14.6	14.5	14.8
Amarillo	10.0	10.2	10.1	6.2	5.9	5.8	24.7	24.8	25.1
Austin	41.5	39.9	39.7	11.2	11.5	11.5	85.2	82.9	83.7
Beaumont-Port Arthur	26.6	25.1	24.7	10.2	9.4	9.4	33.6	32.0	32.6
Brazoria	16.2	15.3	15.3	2.2	2.0	2.0	11.6	11.1	11.4
Brownsville-Harlingen	9.3	9.3	9.2	3.3	3.4	3.4	18.7	18.3	18.3
Bryan-College Station	3.6	(²)	(²)	1.6	(²)	(²)	11.0	(²)	(²)
Corpus Christi	12.8	12.1	12.1	7.6	7.4	7.4	34.7	34.4	34.8
Dallas	232.8	232.3	231.7	84.2	85.8	85.8	357.8	360.6	363.0
El Paso	35.6	32.4	32.5	9.5	9.6	9.8	45.5	46.2	47.1
Ft. Worth-Arlington	116.1	115.7	116.5	27.0	29.0	29.0	140.9	137.0	138.8
Galveston-Texas City	10.2	9.2	9.5	5.4	5.6	5.5	13.8	13.5	13.6
Houston	171.1	156.6	156.1	100.8	96.3	96.3	387.4	371.5	375.9
Killeen-Temple	8.5	8.5	8.5	2.9	2.8	2.8	16.6	16.6	16.7
Laredo	1.8	(²)	(²)	3.8	(²)	(²)	10.5	(²)	(²)
Longview-Marshall	16.4	15.0	15.0	3.5	3.5	3.5	17.9	17.8	17.8
Lubbock	7.6	7.1	7.3	4.8	4.4	4.4	28.6	28.2	28.5
McAllen-Edinburg-Mission	11.7	12.6	12.5	2.6	2.7	2.7	27.1	26.1	26.3
Midland	3.9	3.5	3.5	2.5	2.2	2.2	11.2	10.7	10.9
Odessa	5.1	4.1	4.1	2.6	2.3	2.3	15.0	13.3	13.5
San Angelo	5.5	(²)	(²)	3.1	(²)	(²)	10.0	(²)	(²)
San Antonio	49.7	47.1	46.5	19.0	17.9	17.8	127.7	127.8	129.4
Sherman-Denison	11.7	(²)	(²)	2.0	(²)	(²)	8.2	(²)	(²)
Texarkana	7.7	(²)	(²)	2.0	(²)	(²)	10.9	(²)	(²)
Tyler	11.4	11.1	10.9	3.1	2.9	2.8	17.7	17.7	17.9
Victoria	3.2	(²)	(²)	1.5	(²)	(²)	8.4	(²)	(²)
Waco	16.8	15.2	15.0	3.5	3.5	3.5	19.2	19.5	19.4
Wichita Falls	8.4	(²)	(²)	2.8	(²)	(²)	13.3	(²)	(²)
Utah									
Provo-Orem	93.0	91.1	90.8	37.6	37.5	37.7	155.1	157.8	160.4
Provo-Orem	11.2	10.1	10.0	2.2	2.3	2.3	15.4	16.1	16.3
Salt Lake City-Ogden	63.3	62.1	61.8	28.8	28.3	28.5	113.7	114.8	116.3
Vermont									
Burlington	49.6	50.2	50.0	9.7	9.6	9.6	52.3	52.9	53.2
Burlington	16.4	16.6	16.5	2.8	2.8	2.8	16.4	16.7	16.8
Springfield	3.9	3.8	3.9	.6	.6	.6	2.5	2.8	2.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a
Pennsylvania—Continued									
Reading	7.3	8.0	8.1	27.9	28.9	28.8	17.0	16.7	16.6
Scranton—Wilkes-Barre	11.8	12.2	12.2	63.3	66.7	66.3	41.6	40.7	40.8
Sharon	1.3	1.3	1.3	10.4	10.8	10.8	5.2	5.3	5.2
State College	1.4	1.5	1.5	8.4	8.9	9.0	20.5	21.8	20.7
Williamsport	2.3	2.3	2.3	9.0	9.6	9.6	6.5	6.6	6.5
York	4.5	4.9	5.0	28.2	29.4	29.6	17.9	18.1	17.9
Rhode Island									
Pawtucket—Woonsocket—Attleboro	23.3	23.8	23.9	104.8	106.5	106.2	57.9	58.0	57.9
Providence	3.3	3.5	3.6	22.5	23.0	22.9	10.0	9.9	9.9
	19.6	19.9	20.0	77.7	78.1	78.0	43.1	43.7	43.6
South Carolina									
Charleston	57.0	59.3	59.4	211.5	226.1	225.4	258.2	263.3	263.6
Columbia	7.8	8.2	8.2	33.4	36.4	36.5	49.3	51.3	51.6
Greenville—Spartanburg	17.2	18.4	18.5	38.0	39.8	39.8	57.5	62.6	62.8
	11.1	11.1	11.1	46.9	49.0	48.9	38.9	39.2	39.2
South Dakota									
Rapid City	13.7	13.7	13.8	58.6	59.5	59.0	58.7	61.0	59.7
Sioux Falls	1.7	1.7	1.7	7.9	8.2	8.2	6.5	7.0	6.7
	5.7	5.6	5.5	17.0	17.8	17.9	7.4	7.8	7.5
Tennessee									
Chattanooga	89.5	90.8	91.2	365.4	405.7	406.6	312.5	326.8	326.4
Johnson City—Kingsport—Bristol	10.7	11.6	11.7	41.5	39.5	40.2	30.3	31.4	31.4
Knoxville	4.7	4.6	4.7	24.6	25.0	25.0	26.2	28.1	28.1
Memphis	8.5	8.1	8.1	47.2	49.9	49.9	48.3	52.1	51.8
Nashville	23.0	23.3	23.3	87.8	88.6	88.1	67.3	69.3	68.7
	30.2	29.8	29.9	94.2	98.2	97.6	63.7	66.1	65.9
Texas									
Abilene	447.5	453.3	455.6	1,362.4	1,385.7	1,383.0	1,135.3	1,192.3	1,193.9
Amarillo	2.9	2.8	2.7	13.5	13.6	13.6	8.2	8.2	8.2
Austin	4.4	4.3	4.3	16.2	16.6	16.3	14.3	14.4	14.5
Beaumont—Port Arthur	25.3	25.5	25.5	83.5	85.7	85.5	96.4	96.5	96.5
Brazoria	5.7	5.3	5.3	27.2	26.8	26.7	20.3	20.3	20.2
Brownsville—Harlingen	2.3	2.2	2.3	8.2	8.4	8.2	10.8	11.2	11.3
Bryan—College Station	3.5	3.5	3.5	12.3	12.8	12.9	14.7	15.5	15.5
Corpus Christi	2.1	(^a)	(^a)	7.6	(^a)	(^a)	20.5	(^a)	(^a)
Dallas	6.9	6.9	6.9	28.0	28.2	28.2	28.0	27.9	27.9
El Paso	127.0	133.0	132.2	278.6	291.5	290.6	140.2	147.8	148.7
Ft. Worth—Arlington	9.2	9.6	9.4	34.2	34.0	34.3	35.8	37.4	36.9
Galveston—Texas City	28.2	27.9	28.0	100.6	105.0	104.3	61.6	60.9	60.9
Houston	4.6	4.7	4.6	12.7	12.7	12.8	21.9	22.6	22.6
Killeen—Temple	112.4	110.0	109.4	351.4	357.3	358.1	188.3	196.2	195.9
Laredo	2.9	2.8	2.8	12.8	13.7	13.6	19.7	20.1	19.9
Longview—Marshall	1.4	(^a)	(^a)	6.0	(^a)	(^a)	8.2	(^a)	(^a)
Lubbock	3.5	3.6	3.6	11.8	11.6	11.5	8.1	8.0	8.0
McAllen—Edinburg—Mission	5.5	5.3	5.3	19.9	20.5	20.3	22.4	22.5	22.7
Midland	4.0	3.9	3.8	13.0	13.4	13.3	21.6	22.6	22.3
Odessa	3.2	3.1	3.1	8.9	8.8	8.8	6.3	6.7	6.7
San Angelo	1.9	1.8	1.8	8.3	8.1	8.1	7.4	7.2	7.1
San Antonio	2.0	(^a)	(^a)	7.5	(^a)	(^a)	6.8	(^a)	(^a)
Sherman—Denison	36.8	37.3	37.3	108.8	110.7	110.6	105.6	109.5	109.3
Texas City	1.4	(^a)	(^a)	7.1	(^a)	(^a)	5.0	(^a)	(^a)
Tyler	1.9	(^a)	(^a)	8.5	(^a)	(^a)	12.6	(^a)	(^a)
Victoria	4.0	4.0	3.9	13.1	13.8	13.6	8.7	8.7	8.7
Waco	1.6	(^a)	(^a)	5.3	(^a)	(^a)	4.3	(^a)	(^a)
Wichita Falls	4.8	4.7	4.7	18.6	19.3	19.3	11.9	12.5	12.5
	2.3	(^a)	(^a)	9.9	(^a)	(^a)	10.5	(^a)	(^a)
Utah									
Provo—Orem	32.0	33.3	33.4	136.0	139.3	140.0	141.4	143.9	143.5
Salt Lake City—Ogden	2.1	2.3	2.3	24.3	26.4	26.3	12.7	14.3	14.2
	26.1	27.7	27.8	93.4	95.8	96.2	93.5	95.1	95.2
Vermont									
Burlington	10.3	10.9	11.0	55.4	53.8	57.0	38.5	38.7	38.4
Springfield	3.0	3.0	3.0	15.6	16.0	15.9	11.1	11.4	11.1
	.4	.4	.4	3.6	3.3	3.4	1.8	1.7	1.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Virginia	2,522.9	2,593.8	2,601.7	17.1	16.4	16.4	156.7	168.4	165.6
Bristol	29.7	30.5	30.4	.1	.1	.1	1.5	1.6	1.5
Charlottesville	61.7	([?])	([?])	.1	([?])	([?])	3.7	([?])	([?])
Danville	39.7	([?])	([?])	.1	([?])	([?])	1.4	([?])	([?])
Lynchburg	70.9	71.7	72.0	.1	.1	.1	2.8	3.3	3.2
Norfolk-Virginia Beach-Newport News	522.1	535.8	535.4	.1	.1	.1	35.4	37.8	37.2
Northern Virginia	651.1	669.1	672.3	.6	.5	.5	46.0	48.3	47.3
Richmond-Petersburg	409.4	416.4	418.3	.3	.3	.3	23.9	24.1	23.8
Roanoke	115.7	116.0	116.5	.2	.2	.2	7.1	7.5	7.4
Washington	1,735.8	1,784.3	1,779.7	2.8	2.7	2.7	78.5	84.9	82.0
Seattle	872.1	904.2	905.8	.5	.5	.5	42.7	46.1	44.8
West Virginia	600.9	601.0	600.6	42.7	38.4	37.8	24.7	26.2	24.6
Charleston	108.6	107.7	106.0	2.5	2.1	2.1	4.6	4.9	4.6
Huntington-Ashland	101.8	101.9	102.2	1.2	1.2	1.2	4.3	4.3	4.0
Parkersburg-Marietta	58.8	58.5	58.5	1.1	.9	.8	3.1	2.9	2.8
Wheeling	58.7	56.3	56.4	2.5	2.4	2.3	2.1	1.9	1.9
Wisconsin	2,001.0	2,049.6	2,041.3	1.8	2.7	2.3	62.0	68.4	64.1
Appleton-Oshkosh-Neenah	138.6	140.7	139.8	([!])	([!])	([!])	5.9	5.7	5.2
Eau Claire	51.5	55.4	55.1	([!])	([!])	([!])	1.5	1.8	1.5
Green Bay	88.5	91.0	90.3	([!])	([!])	([!])	3.3	3.6	2.9
Janesville-Beloit	52.9	52.9	52.4	([!])	([!])	([!])	1.4	1.6	1.5
Kenosha	39.2	38.1	38.5	([!])	([!])	([!])	1.4	1.3	1.4
La Crosse	49.6	50.3	50.1	([!])	([!])	([!])	1.1	1.1	.9
Madison	191.7	196.3	195.5	([!])	([!])	([!])	6.4	5.7	5.4
Milwaukee	669.5	684.1	685.1	([!])	([!])	([!])	19.4	20.8	20.6
Racine	67.4	67.9	68.6	([!])	([!])	([!])	1.7	2.2	2.2
Sheboygan	44.3	46.3	46.2	([!])	([!])	([!])	1.4	1.6	1.4
Wausau	42.6	43.5	43.4	([!])	([!])	([!])	1.4	1.6	1.3
Wyoming	201.9	194.2	191.8	26.6	20.9	20.8	11.6	12.5	11.3
Puerto Rico	702.8	716.5	727.1	.6	.7	.7	22.9	28.8	29.4
Caguas	43.8	44.1	44.1	([!])	([!])	([!])	([!])	([!])	([!])
Mayaguez	50.8	50.8	51.5	([!])	([!])	([!])	([!])	([!])	([!])
Ponce	43.9	44.5	45.0	([!])	([!])	([!])	2.2	2.8	2.9
San Juan	434.0	440.8	447.2	.3	.4	.4	17.6	22.5	22.7
Virgin Islands	36.8	37.1	37.3	([!])	([!])	([!])	2.6	2.7	2.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Virginia	425.9	431.9	429.6	134.0	135.8	136.6	580.7	597.1	609.4
Bristol	9.6	9.8	9.7	1.1	1.2	1.2	7.4	7.6	7.7
Charlottesville	9.5	(²)	(²)	1.8	(²)	(²)	12.6	(²)	(²)
Danville	16.4	(²)	(²)	.9	(²)	(²)	8.9	(²)	(²)
Lynchburg	25.1	24.8	24.8	3.0	3.0	3.0	14.1	14.1	14.4
Norfolk-Virginia Beach-Newport News	68.0	67.7	66.4	24.8	24.5	24.8	128.8	133.7	135.8
Northern Virginia	32.9	32.9	32.8	43.4	46.0	46.1	155.6	157.8	160.8
Richmond-Petersburg	61.8	61.6	61.8	21.4	21.3	21.5	99.8	100.4	102.0
Roanoke	20.8	20.6	20.6	9.7	9.4	9.5	30.2	30.8	31.2
Washington	294.8	298.1	295.5	95.2	95.8	95.5	437.0	444.6	447.5
Seattle	167.5	174.5	173.6	57.0	58.5	57.6	220.7	226.2	229.4
West Virginia	88.4	87.6	87.6	37.5	36.2	36.2	136.9	136.1	138.1
Charleston	13.1	12.4	12.4	8.7	8.4	8.4	28.6	28.1	28.5
Huntington-Ashland	19.7	19.2	19.1	7.9	7.5	7.5	26.8	27.1	27.6
Parkersburg-Marietta	14.5	14.1	14.2	2.0	2.0	2.0	14.3	14.1	14.2
Wheeling	8.0	6.7	6.9	3.3	3.2	3.2	15.5	15.1	15.3
Wisconsin	512.9	518.4	514.9	95.2	97.1	97.0	475.5	484.5	487.1
Appleton-Oshkosh-Neenah	49.4	48.9	48.8	4.9	5.0	5.0	30.2	31.1	30.9
Eau Claire	9.4	10.1	10.0	2.6	2.7	2.6	14.9	16.8	17.2
Green Bay	23.3	23.9	23.4	6.2	6.3	6.3	23.2	23.0	23.4
Janesville-Beloit	18.2	17.2	16.9	2.0	2.0	1.9	13.1	13.1	13.2
Kenosha	12.4	11.4	11.4	1.2	1.2	1.3	8.5	8.5	8.6
La Crosse	10.9	10.5	10.5	2.5	2.4	2.3	13.3	13.3	13.3
Madison	20.8	21.7	21.5	6.5	6.8	6.7	43.5	44.6	45.5
Milwaukee	171.7	171.4	172.1	36.6	36.0	37.1	153.2	156.9	157.9
Racine	24.1	23.2	23.1	2.2	2.2	2.2	15.8	15.9	16.5
Sheboygan	18.0	18.5	18.4	1.4	1.5	1.5	8.4	8.6	8.8
Wausau	11.0	11.3	11.3	2.5	2.5	2.4	10.6	11.0	11.1
Wyoming	7.9	8.3	8.2	15.3	14.2	14.3	44.7	42.5	42.0
Puerto Rico	150.7	150.1	152.2	14.3	14.3	14.2	128.6	125.7	132.7
Caguas	15.0	15.3	15.2	(¹)	(¹)	(¹)	8.6	8.5	8.6
Mayaguez	20.9	21.1	21.2	(¹)	(¹)	(¹)	6.5	6.4	6.8
Ponce	8.9	8.4	8.5	(¹)	(¹)	(¹)	7.0	6.8	7.3
San Juan	66.5	65.9	66.6	11.3	10.7	10.7	88.1	86.1	90.8
Virgin Islands	1.8	1.7	1.7	2.3	2.4	2.4	8.4	8.1	8.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Dec. 1985	Nov. 1986	Dec. 1986 ¹	Dec. 1985	Nov. 1986	Dec. 1986 ¹	Dec. 1985	Nov. 1986	Dec. 1986 ¹
Virginia	124.7	132.3	132.3	550.3	571.9	571.9	533.3	539.9	539.8
Bristol .....	.9	.9	.9	4.0	4.1	4.1	5.2	5.2	5.2
Charlottesville	3.0	(²)	(²)	10.3	(²)	(²)	20.6	(²)	(²)
Danville	1.1	(²)	(²)	5.7	(²)	(²)	5.3	(²)	(²)
Lynchburg	3.5	3.6	3.6	12.6	13.0	13.1	9.7	9.9	9.8
Norfolk-Virginia Beach-Newport News	22.9	23.5	23.3	117.1	123.5	122.7	124.9	125.1	125.3
Northern Virginia	38.5	41.7	41.9	191.1	195.9	196.0	143.0	145.9	146.9
Richmond-Petersburg	32.4	35.1	35.0	80.0	82.4	82.5	89.6	91.3	91.3
Roanoke	6.9	6.9	7.0	26.1	26.3	26.5	14.8	14.3	14.2
Washington	100.8	105.2	105.5	378.8	396.8	398.0	347.9	356.2	353.0
Seattle	63.9	65.8	65.8	193.6	201.7	202.8	126.2	130.9	131.3
West Virginia ..	23.7	24.1	24.2	117.9	121.3	120.9	129.1	131.1	131.2
Charleston	5.9	6.0	6.0	23.6	24.3	24.3	21.8	21.5	21.7
Huntington-Ashland	3.8	3.9	4.0	18.5	19.0	19.0	19.6	19.7	19.8
Parkersburg-Marietta	2.0	2.1	2.1	12.3	12.8	12.8	9.5	9.6	9.6
Wheeling	2.9	2.8	2.7	15.2	14.9	14.8	9.2	9.2	9.3
Wisconsin	105.2	109.7	110.0	417.8	431.0	432.3	330.5	337.8	333.6
Appleton-Oshkosh-Neenah	7.0	7.2	7.2	24.7	26.0	26.2	16.5	16.7	16.5
Eau Claire	1.9	2.0	2.0	10.4	11.4	11.4	10.7	10.6	10.3
Green Bay	3.0	3.2	3.2	19.0	20.4	20.6	10.4	10.5	10.4
Janesville-Beloit	1.6	1.7	1.7	9.9	10.4	10.2	6.6	6.9	7.0
Kenosha	1.1	1.1	1.1	8.2	8.0	8.2	6.5	6.5	6.6
La Crosse	1.4	1.5	1.4	12.8	14.0	14.1	7.6	7.6	7.4
Madison	16.1	16.9	17.0	40.4	41.2	41.0	57.9	59.1	58.2
Milwaukee	44.5	46.6	46.5	164.0	169.7	169.8	79.9	82.2	80.6
Racine	2.3	2.3	2.3	13.1	13.9	14.1	8.2	8.2	8.2
Sheboygan	2.0	2.0	2.1	7.6	8.2	8.3	5.6	5.7	5.8
Wausau	3.3	3.4	3.4	7.6	7.7	7.8	6.3	6.1	6.0
Wyoming	7.9	7.8	7.8	33.1	32.8	32.9	54.8	55.3	54.6
Puerto Rico	30.9	32.0	32.2	96.7	100.0	100.3	258.0	264.9	265.4
Caguas	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	15.0	15.2	15.2
Mayaguez	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	15.5	15.5	15.5
Ponce	(¹)	(¹)	(¹)	7.5	7.7	7.6	15.0	15.2	15.2
San Juan	24.9	25.8	26.0	71.2	72.8	73.2	154.2	156.7	156.9
Virgin Islands	1.8	1.8	1.9	6.8	7.6	7.7	13.1	12.8	12.7

¹ Not available.
² Publication of data has been suspended because of budget cuts.
³ Combined with construction.
^o = preliminary.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1985 benchmarks except Michigan. Data for Michigan have been adjusted to December 1984 benchmarks.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

C-1. Average hours and earnings of production or nonsupervisory workers¹ on private nonagricultural 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	12.31	464.09
1986 ^p	34.8	8.75	304.50	42.3	12.45	526.64	37.5	12.42	465.75
Monthly data, not seasonally adjusted									
1986:									
January	34.7	\$8.72	\$302.58	44.4	\$12.24	\$543.46	37.2	\$12.34	\$459.05
February	34.4	8.74	300.66	42.4	12.32	522.37	35.2	12.35	434.72
March	34.7	8.73	302.93	42.3	12.35	522.41	36.4	12.22	444.81
April	34.6	8.72	301.71	42.0	12.43	522.06	37.6	12.29	462.10
May	34.7	8.72	302.58	41.8	12.44	519.99	37.9	12.33	467.31
June	34.9	8.71	303.98	42.0	12.50	525.00	37.8	12.31	465.32
July	35.0	8.69	304.15	41.6	12.46	518.34	38.3	12.31	471.47
August	35.1	8.70	305.37	42.3	12.51	529.17	38.4	12.39	475.78
September	34.8	8.81	306.59	42.3	12.52	529.60	38.5	12.54	482.79
October	34.7	8.81	305.71	42.2	12.51	527.92	38.0	12.62	479.56
November	34.7	8.85	307.10	41.6	12.57	522.91	36.5	12.59	459.54
December ^p	34.9	8.83	308.17	42.4	12.61	534.66	36.9	12.71	469.00
1987:									
January ^p	34.4	8.88	305.47	42.3	12.65	535.10	37.4	12.57	470.12

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 nonagricultural payrolls by major industry, 1964 to date—Continued

Year and month	Manufacturing				Transportation and public utilities			Wholesale trade		
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages										
1964	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.56
1965	41.2	2.61	2.50	107.53	41.3	3.03	125.14	40.8	2.61	106.49
1966	41.4	2.71	2.59	112.19	41.2	3.11	128.13	40.7	2.73	111.11
1967	40.6	2.82	2.71	114.49	40.5	3.23	130.82	40.3	2.88	116.06
1968	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.05	122.31
1969	40.6	3.19	3.05	129.51	40.7	3.63	147.74	40.2	3.23	129.85
1970	39.8	3.35	3.23	133.33	40.5	3.85	155.93	39.9	3.44	137.26
1971	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.5	3.65	144.18
1972	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.69
1973	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.3	4.08	160.34
1974	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.39	170.33
1975	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.7	4.73	183.05
1976	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.03	194.66
1977	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	209.13
1978	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	228.14
1979	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.93
1980	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.5	6.96	267.96
1981	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.56	291.06
1982	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.09	309.85
1983	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.55	329.18
1984	40.7	9.19	8.82	374.03	39.4	11.12	438.13	38.5	8.89	342.27
1985	40.5	9.53	9.16	385.97	39.5	11.40	450.30	38.4	9.16	351.74
1986 ^a	40.7	9.73	9.33	396.01	39.2	11.63	455.90	38.4	9.34	358.66
Monthly data, not seasonally adjusted										
1986:										
January	40.7	\$9.70	\$9.31	\$394.79	39.0	\$11.59	\$452.01	38.3	\$9.28	\$355.42
February	40.3	9.70	9.33	390.91	39.2	11.64	456.29	38.0	9.36	355.68
March	40.7	9.72	9.33	395.60	39.4	11.62	457.83	38.3	9.33	357.34
April	40.5	9.70	9.33	392.85	39.0	11.55	450.45	38.3	9.29	355.81
May	40.6	9.71	9.34	394.23	39.0	11.54	450.06	38.4	9.29	356.74
June	40.8	9.70	9.32	395.76	39.4	11.57	455.86	38.5	9.32	358.82
July	40.2	9.74	9.35	391.55	39.4	11.61	457.43	38.5	9.30	358.05
August	40.7	9.68	9.27	393.98	39.4	11.61	457.43	38.5	9.32	358.82
September	41.0	9.73	9.31	398.93	39.1	11.70	457.47	38.3	9.37	358.87
October	40.8	9.72	9.31	396.58	39.1	11.68	456.69	38.4	9.35	359.04
November	41.0	9.77	9.36	400.57	39.3	11.75	461.78	38.4	9.46	363.26
December ^a	41.6	9.84	9.41	409.34	39.2	11.72	459.42	38.5	9.44	363.44
1987:										
January ^a	40.8	9.83	9.43	401.06	38.1	11.71	446.15	38.1	9.44	359.66

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 nonagricultural payrolls by major industry, 1964 to date—Continued

Year and month	Retail trade			Finance, insurance, and real estate			Services		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
	Annual averages								
1964	37.0	\$1.75	\$64.75	37.3	\$2.30	\$85.79	36.1	\$1.94	\$70.03
1965	36.6	1.82	66.61	37.2	2.39	88.91	35.9	2.05	73.60
1966	35.9	1.91	68.57	37.3	2.47	92.13	35.5	2.17	77.04
1967	35.3	2.01	70.95	37.1	2.58	95.72	35.1	2.29	80.38
1968	34.7	2.16	74.95	37.0	2.75	101.75	34.7	2.42	83.97
1969	34.2	2.30	78.66	37.1	2.93	108.70	34.7	2.61	90.57
1970	33.8	2.44	82.47	36.7	3.07	112.67	34.4	2.81	96.66
1971	33.7	2.60	87.62	36.6	3.22	117.85	33.9	3.04	103.06
1972	33.4	2.75	91.85	36.6	3.36	122.98	33.9	3.27	110.85
1973	33.1	2.91	96.32	36.6	3.53	129.20	33.8	3.47	117.29
1974	32.7	3.14	102.68	36.5	3.77	137.61	33.6	3.75	126.00
1975	32.4	3.36	108.86	36.5	4.06	148.19	33.5	4.02	134.67
1976	32.1	3.57	114.60	36.4	4.27	155.43	33.3	4.31	143.52
1977	31.6	3.85	121.66	36.4	4.54	165.26	33.0	4.65	153.45
1978	31.0	4.20	130.20	36.4	4.89	178.00	32.8	4.99	163.67
1979	30.6	4.53	138.62	36.2	5.27	190.77	32.7	5.36	175.27
1980	30.2	4.88	147.38	36.2	5.79	209.60	32.6	5.85	190.71
1981	30.1	5.25	158.03	36.3	6.31	229.05	32.6	6.41	208.97
1982	29.9	5.48	163.85	36.2	6.78	245.44	32.6	6.92	225.59
1983	29.8	5.74	171.05	36.2	7.29	263.90	32.7	7.31	239.04
1984	29.8	5.85	174.33	36.5	7.63	278.50	32.6	7.59	247.43
1985	29.4	5.94	174.64	36.4	7.94	289.02	32.5	7.89	256.43
1986 ^p	29.2	6.02	175.78	36.5	8.34	304.41	32.5	8.16	265.20
	Monthly data, not seasonally adjusted								
1986:									
January	28.7	\$6.03	\$173.06	36.4	\$8.14	\$296.30	32.4	\$8.12	\$263.09
February	28.6	6.04	172.74	36.8	8.28	304.70	32.4	8.17	264.71
March	28.9	6.03	174.27	36.7	8.30	304.61	32.4	8.18	265.03
April	28.9	6.01	173.69	36.4	8.29	301.76	32.4	8.12	263.09
May	29.1	6.00	174.60	36.3	8.31	301.65	32.4	8.10	262.44
June	29.5	5.99	176.71	36.6	8.37	306.34	32.6	8.10	264.06
July	29.9	5.97	178.50	36.5	8.30	302.95	32.8	8.04	263.71
August	29.9	5.97	178.50	36.6	8.33	304.88	32.8	8.05	264.04
September	29.2	6.05	176.66	36.4	8.37	304.67	32.3	8.19	264.54
October	29.0	6.04	175.16	36.6	8.38	306.71	32.4	8.22	266.33
November	29.1	6.07	176.64	36.7	8.54	313.42	32.4	8.31	269.24
December ^p	29.5	6.05	178.48	36.6	8.49	310.73	32.4	8.30	268.92
1987:									
January ^p	28.3	6.09	172.35	36.5	8.61	314.27	32.1	8.35	268.04

- Data not available.

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

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1985 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 nonagricultural payrolls by detailed industry

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Total private ..		35.2	34.7	34.7	34.9	34.4					
Mining ..		43.8	44.4	41.6	42.4	42.3					
Metal mining ..	10	41.7	40.7	41.0	41.2						
Iron ores	101	40.6	40.9	40.5	39.8						
Copper ores ..	102	41.8	40.0	41.9	41.8						
Coal mining	11,12	41.7	42.6	39.7	41.6						
Bituminous coal and lignite mining ..	12	41.8	42.6	39.7	41.7						
Oil and gas extraction	13	44.7	45.7	41.9	42.5						
Crude petroleum, natural gas, and natural gas liquids ..	131,2	43.5	45.9	42.0	42.0						
Oil and gas field services	138	45.3	45.5	41.8	42.9						
Nonmetallic minerals, except fuels ..	14	43.6	43.0	44.3	43.8						
Crushed and broken stone ..	142	44.7	44.4	45.2	44.2						
Construction ..		36.9	37.2	36.5	36.9	37.4					
General building contractors	15	36.8	36.8	36.6	37.0						
Residential building construction	152	36.1	36.1	35.9	36.7						
Operative builders	153	40.1	39.1	37.4	37.0						
Nonresidential building construction ..	154	37.2	37.4	37.2	37.2						
Heavy construction contractors	16	38.9	40.2	38.9	38.3						
Highway and street construction	161	36.8	39.4	37.6	36.6						
Heavy construction, except highway	162	39.9	40.4	39.6	39.2						
Special trade contractors	17	36.5	36.6	35.9	36.6						
Plumbing, heating, and air conditioning	171	38.4	38.1	37.8	38.6						
Painting, paper hanging, and decorating ..	172	34.2	34.3	34.1	34.6						
Electrical work	173	39.5	39.1	38.6	39.6						
Masonry, stonework, and plastering ..	174	34.7	34.6	33.6	34.5						
Carpentering and flooring	175	35.0	34.5	35.1	35.7						
Roofing and sheet metal work ..	176	32.0	33.7	31.5	31.7						
Manufacturing ...		41.7	40.7	41.0	41.6	40.8	3.8	3.3	3.6	3.8	3.5
Durable goods ..		42.5	41.4	41.6	42.2	41.4	4.1	3.5	3.7	3.9	3.5
Lumber and wood products	24	40.2	39.7	40.3	40.4	39.8	3.3	2.9	3.6	3.7	
Logging camps and logging contractors	241	38.8	39.1	38.5	38.6	-	2.8	2.6	3.8	3.7	
Sawmills and planing mills	242	41.2	40.9	41.3	41.3		3.9	3.6	4.5	4.3	
Sawmills and planing mills, general ..	2421	41.3	41.1	41.5	41.3		4.0	3.8	4.7	4.4	
Hardwood dimension and flooring	2426	41.4	40.3	41.0	41.9		3.5	2.8	3.7	4.3	
Millwork, plywood, and structural members	243	40.8	40.0	40.7	41.0		3.5	2.8	3.5	3.7	
Millwork	2431	40.7	40.0	40.4	40.4		2.9	2.4	2.6	2.6	
Wood kitchen cabinets	2434	40.5	38.3	40.5	41.5		3.6	2.0	3.6	4.2	
Hardwood veneer and plywood ..	2435	40.9	40.5	40.1	40.7		3.3	3.3	3.2	3.7	
Softwood veneer and plywood ..	2436	42.0	42.5	42.8	42.7		4.7	4.4	5.3	5.3	
Wood containers	244	38.6	37.9	38.6	38.7		2.5	2.0	2.5	2.4	
Wood buildings and mobile homes	245	37.2	36.7	38.6	38.7		2.2	1.7	2.3	2.3	
Mobile homes	2451	37.6	37.3	38.4	38.5		2.1	1.6	2.0	1.9	
Miscellaneous wood products	249	40.7	39.7	40.2	40.6		3.3	2.9	3.2	3.5	
Furniture and fixtures	25	41.1	39.4	40.0	40.9	39.7	3.1	2.4	2.7	3.3	
Household furniture	251	40.3	38.9	39.7	40.8	-	2.8	2.2	2.5	3.4	
Wood household furniture	2511	40.4	39.4	40.6	40.7		2.9	2.5	3.0	3.4	
Upholstered household furniture ..	2512	40.7	38.0	39.2	41.6		3.2	1.6	2.3	3.9	
Metal household furniture	2514	40.4	40.0	39.3	41.0		2.7	2.9	1.8	3.0	
Mattresses and bedsprings ..	2515	38.8	38.9	37.4	38.7		2.1	2.2	1.9	2.5	
Office furniture	252	42.6	40.8	40.5	41.0		3.7	2.9	2.6	3.2	
Public building and related furniture ..	253	41.9	39.4	40.7	40.7		4.3	2.3	3.3	3.6	
Partitions and fixtures	254	41.8	40.1	41.1	40.9		3.5	2.6	3.2	3.0	
Miscellaneous furniture and fixtures ..	259	43.2	40.7	40.0	41.7		3.5	2.4	2.4	3.8	
Stone, clay, and glass products	32	41.7	41.6	41.9	42.0	41.3	4.4	4.5	4.7	4.6	
Flat glass	321	44.9	44.1	45.0	46.0		6.3	5.8	6.4	6.5	
Glass and glassware, pressed or blown ..	322	41.9	41.6	41.8	42.2		4.4	4.4	4.7	5.0	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Total private ..		\$8.71	\$8.72	\$8.85	\$8.83	\$8.88	\$306.59	\$302.58	\$307.10	\$308.17	\$305.47
Mining ..		12.27	12.24	12.57	12.61	12.65	537.43	543.46	522.91	534.66	535.10
Metal mining ..	10	13.43	13.40	12.77	12.71		560.03	545.38	523.57	523.65	
Iron ores ..	101	13.05	13.26	14.00	14.01		529.83	542.33	567.00	557.60	
Copper ores ..	102	13.51	13.24	11.31	11.30		564.72	529.60	473.89	472.34	
Coal mining ..	11,12	15.36	15.39	15.90	15.79		640.51	655.61	631.23	656.86	
Bituminous coal and lignite mining ..	12	15.41	15.44	15.97	15.85		644.14	657.74	634.01	660.95	
Oil and gas extraction ..	13	11.45	11.34	11.57	11.59		511.82	518.24	484.78	492.58	
Crude petroleum, natural gas, and natural gas liquids ..	131,2	13.81	13.81	13.76	13.87		600.74	633.88	577.92	582.54	
Oil and gas field services ..	138	10.40	10.15	10.10	10.15		471.12	461.83	422.18	435.44	
Nonmetallic minerals, except fuels ..	14	10.30	10.30	10.61	10.65		449.08	442.90	470.02	466.47	
Crushed and broken stone ..	142	9.60	9.44	9.92	9.87		429.12	419.14	448.38	436.25	
Construction ..		12.47	12.34	12.59	12.71	12.57	460.14	459.05	459.54	469.00	470.12
General building contractors ..	15	11.38	11.29	11.54	11.62		418.78	415.47	422.36	429.94	
Residential building construction ..	152	10.74	10.72	10.83	10.93		387.71	386.99	388.80	401.13	
Operative builders ..	153	9.37	9.35	9.93	10.07		375.74	365.59	371.38	372.59	
Nonresidential building construction ..	154	12.10	11.96	12.33	12.40		450.12	447.30	458.68	461.28	
Heavy construction contractors ..	16	11.96	11.77	12.04	12.11		465.24	473.15	468.36	463.81	
Highway and street construction ..	161	11.01	10.71	11.92	11.82		405.17	421.97	448.19	432.61	
Heavy construction, except highway ..	162	12.36	12.18	12.11	12.25		493.16	492.07	479.56	480.20	
Special trade contractors ..	17	13.12	12.99	13.21	13.32		478.88	475.43	474.24	487.51	
Plumbing, heating, and air conditioning ..	171	13.22	13.14	13.37	13.45		507.65	500.63	505.39	519.17	
Painting, paper hanging, and decorating ..	172	12.05	12.07	12.21	12.36		412.11	414.00	416.36	427.66	
Electrical work ..	173	14.55	14.32	14.66	14.75		574.73	559.91	565.88	584.10	
Masonry, stonework, and plastering ..	174	13.00	13.02	13.34	13.25		451.10	450.49	448.22	457.13	
Carpentering and flooring ..	175	12.07	11.92	12.27	12.44		422.45	411.24	430.68	444.11	
Roofing and sheet metal work ..	176	11.56	11.40	11.79	11.95		369.92	384.18	371.39	378.82	
Manufacturing ..		9.74	9.70	9.77	9.84	9.83	406.16	394.79	400.57	409.34	401.06
Durable goods ..		10.34	10.27	10.33	10.40	10.37	439.45	425.18	429.73	438.88	429.32
Lumber and wood products ..	24	8.35	8.30	8.39	8.34	8.26	335.67	329.51	338.12	336.94	328.75
Logging camps and logging contractors ..	241	11.40	10.85	11.11	10.90	-	442.32	424.24	427.74	420.74	-
Sawmills and planing mills ..	242	8.61	8.61	8.54	8.54		354.73	352.15	352.70	352.70	
Sawmills and planing mills, general ..	2421	9.04	9.03	8.94	8.94		373.35	371.13	371.01	369.22	
Hardwood dimension and flooring ..	2426	6.44	6.46	6.53	6.59		266.62	260.34	267.73	276.12	
Millwork, plywood, and structural members ..	243	8.18	8.20	8.25	8.24		333.74	328.00	335.78	337.84	
Millwork ..	2431	8.39	8.43	8.38	8.38		341.47	337.20	338.55	338.55	
Wood kitchen cabinets ..	2434	7.42	7.34	7.71	7.68		300.51	281.12	312.26	318.72	
Hardwood veneer and plywood ..	2435	6.75	6.69	6.79	6.88		276.08	270.95	272.28	280.02	
Softwood veneer and plywood ..	2436	9.76	9.79	9.62	9.55		409.92	416.08	411.74	407.79	
Wood containers ..	244	5.89	5.88	5.99	6.02		227.35	222.85	231.21	232.97	
Wood buildings and mobile homes ..	245	7.50	7.41	7.75	7.73		279.00	271.95	299.15	299.15	
Mobile homes ..	2451	7.55	7.43	7.80	7.76		283.88	277.14	299.52	298.76	
Miscellaneous wood products ..	249	7.13	7.12	7.22	7.21		290.19	282.66	290.24	292.73	
Furniture and fixtures ..	25	7.38	7.36	7.52	7.59	7.56	303.32	289.98	300.80	310.43	300.13
Household furniture ..	251	6.77	6.74	6.94	7.02		272.83	262.19	275.52	286.42	
Wood household furniture ..	2511	6.28	6.26	6.43	6.46		253.71	246.64	261.06	262.92	
Upholstered household furniture ..	2512	7.39	7.31	7.60	7.75		300.77	277.78	297.92	322.40	
Metal household furniture ..	2514	6.91	6.90	7.04	7.07		279.16	276.00	276.67	289.87	
Mattresses and bedsprings ..	2515	7.14	7.15	7.30	7.50		277.03	278.14	273.02	290.25	
Office furniture ..	252	8.27	8.38	8.25	8.37		352.30	341.90	334.13	343.17	
Public building and related furniture ..	253	7.96	7.87	8.04	8.19		333.52	310.08	327.23	333.33	
Partitions and fixtures ..	254	8.99	8.86	9.22	9.20		375.78	355.29	378.94	376.28	
Miscellaneous furniture and fixtures ..	259	7.73	7.75	7.86	8.05		333.94	315.43	314.40	335.69	
Stone, clay, and glass products ..	32	9.95	9.96	10.13	10.17	10.18	414.92	414.34	424.45	427.14	420.43
Flat glass ..	321	14.05	13.99	14.24	14.44	-	630.85	616.96	640.80	664.24	-
Glass and glassware, pressed or blown ..	322	10.85	10.89	11.14	11.17		454.62	453.02	465.65	471.37	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	42.8	41.8	42.0	42.5		5.6	5.4	5.7	6.0	
Pressed and blown glass, nec	3229	40.8	41.4	41.5	41.8		3.0	3.3	3.6	3.9	
Products of purchased glass	323	42.3	42.6	41.8	42.2		3.6	3.2	3.4	3.6	
Cement, hydraulic	324	41.1	41.5	41.6	42.3		3.0	3.7	3.1	3.6	
Structural clay products	325	41.5	41.1	41.9	41.8		4.1	3.7	4.1	4.1	
Pottery and related products	326	40.8	40.1	39.8	40.8		3.3	2.7	2.6	3.2	
Concrete, gypsum, and plaster products	327	41.5	41.7	42.5	41.8		5.3	5.6	5.8	5.2	
Concrete block and brick	3271	44.1	42.9	44.0	43.6		6.5	6.2	6.5	5.8	
Concrete products, nec	3272	42.7	42.5	43.6	43.3		5.3	5.4	5.8	5.5	
Ready-mixed concrete	3273	38.4	39.4	40.4	39.4		4.3	5.0	5.0	4.1	
Misc. nonmetallic mineral products	329	42.2	41.7	41.5	42.2		3.8	3.8	4.1	4.3	
Abrasive products	3291	41.4	39.9	40.2	41.3		2.6	2.0	2.9	3.2	
Asbestos products	3292	45.1	43.2	45.2	45.8		4.5	3.4	5.6	6.4	
Primary metal industries	33	42.6	41.8	42.4	43.0	42.6	4.3	4.1	4.4	4.6	
Blast furnaces and basic steel products	331	42.0	41.3	42.1	42.7	41.9	3.7	3.7	4.0	4.2	
Blast furnaces and steel mills	3312	41.7	41.0	42.2	42.8		3.6	3.6	4.1	4.3	
Steel pipe and tubes	3317	44.5	43.6	42.8	43.4		5.0	4.8	4.0	4.7	
Iron and steel foundries	332	42.3	41.3	42.3	43.0		4.6	4.0	4.4	4.7	
Gray iron foundries	3321	42.5	41.5	42.6	43.1		5.2	4.6	5.1	5.3	
Malleable iron foundries	3322	41.7	40.2	41.8	41.9		2.8	2.4	3.6	3.0	
Steel foundries, nec	3325	41.2	40.4	40.3	41.8		3.2	2.6	2.6	3.2	
Primary nonferrous metals	333	42.0	41.6	43.2	43.7		3.4	3.4	4.1	4.3	
Primary aluminum	3334	42.1	42.0	43.6	44.6		3.3	3.4	3.7	4.2	
Nonferrous rolling and drawing	335	43.5	42.9	43.2	43.7		5.4	5.2	5.4	5.5	
Copper rolling and drawing	3351	42.9	42.1	42.6	43.1		4.2	4.3	4.4	5.5	
Aluminum sheet, plate, and foil	3353	43.3	43.3	44.2	44.9		5.6	6.1	7.0	6.7	
Nonferrous wire drawing and insulating	3357	43.5	42.8	43.1	43.6		5.9	5.2	5.4	5.2	
Nonferrous foundries	336	43.1	42.0	41.6	42.3		4.4	3.8	3.6	4.0	
Aluminum foundries	3361	43.5	42.5	42.1	43.0		4.9	4.4	3.9	4.3	
Fabricated metal products	34	42.6	41.4	41.5	42.1	41.3	4.1	3.5	3.7	3.9	
Metal cans and shipping containers	341	45.3	43.2	43.2	43.7		5.7	5.8	5.3	5.1	
Metal cans	3411	45.9	43.6	43.3	43.7		6.1	6.1	5.3	5.0	
Cutlery, hand tools, and hardware	342	42.4	41.4	41.5	41.7		3.8	3.1	3.3	3.5	
Hand and edge tools, and hand saws and blades	3423,5	41.6	40.8	42.0	42.8		2.8	2.2	3.1	3.7	
Hardware, nec	3429	42.9	41.6	41.4	41.3		4.4	3.7	3.5	3.5	
Plumbing and heating, except electric	343	41.8	40.8	40.7	41.0		3.3	2.4	3.0	3.1	
Plumbing fittings and brass goods	3432	42.2	41.2	40.5	39.9		3.1	2.6	2.0	1.7	
Heating equipment, except electric	3433	41.6	40.3	40.5	40.7		3.5	2.1	3.1	3.0	
Fabricated structural metal products	344	41.9	40.6	41.0	41.5		3.5	2.9	3.4	3.4	
Fabricated structural metal	3441	43.4	42.3	41.8	42.4		4.0	3.8	3.8	3.6	
Metal doors, sash, and trim	3442	41.3	39.6	40.5	39.9		3.2	2.4	3.2	2.8	
Fabricated plate work (boiler shops)	3443	43.0	41.0	41.5	42.9		4.1	2.9	3.4	4.0	
Sheet metal work	3444	40.3	40.0	40.5	41.6		2.8	2.5	3.0	3.3	
Architectural metal work	3446	41.5	40.1	39.6	40.0		4.1	3.6	3.3	3.2	
Screw machine products, bolts, etc	345	43.6	42.7	42.4	43.1		4.8	4.5	4.5	4.9	
Screw machine products	3451	42.4	41.6	40.5	41.3		4.0	3.6	3.2	3.6	
Bolts, nuts, rivets, and washers	3452	44.7	43.8	44.2	44.9		5.6	5.3	5.8	6.1	
Metal forgings and stampings	346	44.4	42.9	43.0	43.8		5.5	4.8	4.7	5.3	
Iron and steel forgings	3462	44.1	42.5	40.9	42.7		5.2	4.8	3.2	4.2	
Automotive stampings	3465	46.4	44.7	44.9	45.8		6.9	5.9	5.9	6.6	
Metal stampings, nec	3469	41.9	40.9	41.2	41.6		3.9	3.4	3.6	3.9	
Metal services, nec	347	41.9	40.5	41.1	41.0		4.0	3.4	3.6	3.7	
Plating and polishing	3471	41.3	40.2	40.7	40.6		3.6	3.1	3.5	3.5	
Metal coating and allied services	3479	43.0	41.1	41.9	41.7		4.9	4.1	3.9	4.0	
Ordnance and accessories, nec	348	42.6	41.5	40.4	42.0		2.9	2.6	2.7	2.9	
Ammunition, except for small arms, nec	3483	42.1	40.9	40.1	41.1		2.7	2.5	2.3	2.1	
Misc. fabricated metal products	349	41.4	40.6	40.9	41.7		3.3	2.8	2.9	3.3	
Valves and pipe fittings	3494	41.5	40.5	40.6	41.1		3.8	3.1	2.6	3.0	
Misc. fabricated wire products	3496	41.2	40.4	41.2	41.8		2.9	2.3	3.1	3.0	
Machinery, except electrical	35	42.9	41.7	41.9	42.8	42.0	4.1	3.4	3.6	4.0	
Engines and turbines	351	42.7	41.6	42.8	43.4		5.4	4.4	4.9	6.4	
Turbines and turbine generator sets	3511	42.3	40.2	41.1	41.6		6.5	3.3	5.0	6.5	
Internal combustion engines, nec	3519	42.9	42.1	43.5	44.1		5.0	4.8	4.9	6.3	
Farm and garden machinery	352	40.8	41.1	40.1	41.8		2.3	2.8	2.4	2.9	
Farm machinery and equipment	3523	40.6	40.9	40.2	42.2		2.2	2.7	2.8	3.1	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^a	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^a
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	\$11.27	\$11.20	\$11.48	\$11.50		\$482.36	\$468.16	\$482.16	\$488.75	
Pressed and blown glass, nec ..	3229	10.32	10.50	10.72	10.76		421.06	434.70	444.88	449.77	
Products of purchased glass ..	323	8.67	8.95	8.73	8.71		366.74	381.27	364.91	367.56	
Cement, hydraulic	324	13.29	13.37	13.70	13.58		546.22	554.86	569.92	574.43	
Structural clay products	325	8.13	8.17	8.33	8.40		337.40	335.79	349.03	351.12	
Pottery and related products	326	8.72	8.79	8.76	8.89		355.78	352.48	348.65	362.71	
Concrete, gypsum, and plaster products ..	327	9.65	9.57	9.82	9.78		400.48	399.07	417.35	408.80	
Concrete block and brick	3271	8.34	8.37	8.80	8.70		367.79	359.07	387.20	379.32	
Concrete products, nec ..	3272	8.55	8.54	8.71	8.71		365.09	362.95	379.76	377.14	
Ready-mixed concrete	3273	10.70	10.56	10.69	10.65		410.88	416.06	431.88	419.61	
Misc. nonmetallic mineral products ...	329	10.18	10.11	10.43	10.58		429.60	421.59	432.85	446.48	
Abrasive products	3291	9.59	9.53	9.72	9.87		397.03	380.25	390.74	407.63	
Asbestos products ..	3292	10.17	10.08	10.45	10.56		458.67	435.46	472.34	483.65	
Primary metal industries	33	11.84	11.81	11.87	11.94	\$11.90	504.38	493.66	503.29	513.42	\$506.94
Blast furnaces and basic steel products ..	331	13.44	13.48	13.78	13.88	13.84	564.48	556.72	580.14	592.68	579.90
Blast furnaces and steel mills ..	3312	14.06	14.09	14.49	14.62	-	586.30	577.69	611.48	625.74	-
Steel pipe and tubes	3317	10.95	10.94	10.97	10.95		487.28	476.98	469.52	475.23	
Iron and steel foundries ..	332	10.78	10.73	10.66	10.65		455.99	443.15	450.92	457.95	
Gray iron foundries	3321	11.32	11.23	11.14	11.14		481.10	466.05	474.56	480.13	
Malleable iron foundries ..	3322	11.11	11.31	11.15	11.08		463.29	454.66	466.07	464.25	
Steel foundries, nec	3325	9.81	9.73	9.90	10.01		404.17	393.09	398.97	418.42	
Primary nonferrous metals ..	333	13.81	13.69	13.27	13.17		580.02	569.50	573.26	575.53	
Primary aluminum	3334	14.39	14.12	13.71	13.65		605.82	593.04	597.76	608.79	
Nonferrous rolling and drawing ..	335	11.27	11.09	11.27	11.35		490.25	475.76	486.86	496.00	
Copper rolling and drawing	3351	10.09	10.06	10.25	10.42		432.86	423.53	436.65	449.10	
Aluminum sheet, plate, and foil	3353	14.08	13.76	13.62	13.80		609.66	595.81	602.00	619.62	
Nonferrous wire drawing and insulating ..	3357	11.03	10.78	11.13	11.19		479.81	461.38	479.70	487.88	
Nonferrous foundries	336	9.56	9.59	9.53	9.61		412.04	402.78	396.45	406.50	
Aluminum foundries ..	3361	8.85	9.91	9.82	9.89		428.48	421.18	413.42	425.27	
Fabricated metal products	34	9.91	9.85	9.93	10.03	9.98	422.17	407.79	412.10	422.26	412.17
Metal cans and shipping containers ..	341	13.37	13.29	13.32	13.32	-	605.66	574.13	575.42	582.08	-
Metal cans	3411	14.09	14.05	14.09	14.10		646.73	612.58	610.10	616.17	
Cutlery, hand tools, and hardware	342	9.84	9.84	9.80	9.88		417.22	407.38	406.70	412.00	
Hand and edge tools, and hand saws and blades ..	3423,5	8.94	8.89	8.92	8.96		371.90	362.71	374.64	383.49	
Hardware, nec	3429	10.38	10.38	10.26	10.37		445.30	431.81	424.76	428.28	
Plumbing and heating, except electric ..	343	8.98	8.82	9.07	9.17		375.36	359.86	369.15	375.97	
Plumbing fittings and brass goods	3432	8.71	8.55	8.71	8.66		367.56	352.26	352.76	345.53	
Heating equipment, except electric ..	3433	8.86	8.63	8.97	9.08		368.58	347.79	363.29	369.56	
Fabricated structural metal products ..	344	9.15	9.08	9.16	9.27		383.39	368.65	375.56	384.71	
Fabricated structural metal	3441	9.45	9.37	9.68	9.73		410.13	396.35	404.62	412.55	
Metal doors, sash, and trim	3442	7.56	7.57	7.68	7.77		312.23	299.77	311.04	310.02	
Fabricated plate work (boiler shops) ..	3443	10.22	10.12	10.34	10.30		439.46	414.92	429.11	441.87	
Sheet metal work	3444	9.51	9.46	9.42	9.57		383.25	378.40	381.51	398.11	
Architectural metal work	3446	8.64	8.56	8.29	8.45		358.56	343.26	328.28	338.00	
Screw machine products, bolts, etc ..	345	9.37	9.29	9.55	9.59		408.53	396.68	404.92	413.33	
Screw machine products	3451	8.78	8.74	8.98	8.96		372.27	363.58	363.69	370.05	
Bolts, nuts, rivets, and washers	3452	9.92	9.81	10.07	10.17		443.42	429.68	445.09	456.63	
Metal forgings and stampings ..	346	11.96	11.90	11.92	12.10		531.02	510.51	512.56	529.98	
Iron and steel forgings	3462	12.58	12.42	12.36	12.60		554.78	527.85	505.52	538.02	
Automotive stampings ..	3465	13.92	13.78	13.86	14.08		645.89	615.97	622.31	644.86	
Metal stampings, nec ..	3469	8.92	9.00	9.20	9.24		373.75	368.10	379.04	384.38	
Metal services, nec	347	7.90	7.93	7.93	8.02		331.01	321.17	325.92	328.82	
Plating and polishing	3471	7.73	7.75	7.88	7.99		319.25	311.55	320.72	324.39	
Metal coating and allied services ..	3479	8.24	8.29	8.03	8.09		354.32	340.72	336.46	337.35	
Ordnance and accessories, nec	348	10.53	10.46	10.86	10.81		448.58	434.09	438.74	454.02	
Ammunition, except for small arms, nec ..	3483	10.11	10.05	10.55	10.44		425.63	411.05	423.06	429.08	
Misc. fabricated metal products ..	349	9.12	9.03	9.20	9.27		377.57	366.62	376.28	386.56	
Valves and pipe fittings	3494	9.87	9.75	9.86	9.89		409.61	394.88	400.32	406.48	
Misc. fabricated wire products ..	3496	8.23	8.09	8.27	8.31		339.08	326.84	340.72	347.36	
Machinery, except electrical ..	35	10.55	10.50	10.59	10.66	10.66	452.60	437.85	443.72	456.25	447.72
Engines and turbines	351	13.25	12.99	13.14	13.47	-	565.78	540.38	562.39	584.60	-
Turbines and turbine generator sets	3511	13.16	12.67	12.88	13.17		556.67	509.33	529.37	547.87	
Internal combustion engines, nec ..	3519	13.28	13.10	13.24	13.58		569.71	551.51	575.94	598.88	
Farm and garden machinery	352	10.05	9.93	8.99	9.00		410.04	408.12	360.50	376.20	
Farm machinery and equipment ..	3523	11.02	10.95	9.52	9.55		447.41	447.86	382.70	403.01	

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	43.1	41.9	41.7	43.0		4.0	2.9	2.8	3.5	
Construction machinery	3531	43.5	42.7	43.1	44.1		3.8	2.7	2.1	3.0	
Mining machinery	3532	42.7	41.1	40.7	42.0		3.3	2.1	2.2	3.3	
Oil field machinery	3533	43.4	42.0	39.5	41.9		4.1	3.1	3.5	4.3	
Conveyors and conveying equipment	3535	44.1	42.5	42.6	43.5		5.2	3.6	4.1	4.1	
Industrial trucks and tractors	3537	41.3	39.5	41.1	42.3		4.1	2.9	2.9	3.8	
Metalworking machinery	354	44.1	42.9	42.3	43.1		5.4	4.8	4.6	4.9	
Machine tools, metal cutting types	3541	45.1	43.0	42.0	43.0		5.6	4.1	3.8	4.0	
Machine tools, metal forming types	3542	43.5	42.4	42.5	42.6		5.6	4.8	4.6	5.2	
Special dies, tools, jigs, and fixtures	3544	44.8	44.0	43.0	43.6		6.5	6.2	5.5	5.7	
Machine tool accessories	3545	42.7	41.7	40.8	42.2		4.3	3.3	3.5	3.9	
Power driven hand tools	3546	43.0	39.4	41.4	42.6		1.8	2.1	2.2	3.3	
Special industry machinery	355	43.3	41.5	42.6	43.2		4.5	3.3	3.8	4.4	
Food products machinery	3551	43.1	41.7	43.1	43.6		3.6	3.1	3.7	4.1	
Textile machinery	3552	43.3	41.3	43.5	44.0		3.4	2.8	4.6	4.7	
Printing trades machinery	3555	42.0	40.2	42.2	42.5		3.9	2.9	4.2	4.7	
General industrial machinery	356	42.5	41.4	41.8	43.0		3.8	2.9	3.4	4.1	
Pumps and pumping equipment	3561	42.2	40.8	41.1	43.1		3.5	2.1	2.5	3.5	
Ball and roller bearings	3562	43.4	42.9	43.4	43.8		4.2	4.4	5.0	5.1	
Air and gas compressors	3563	42.2	41.2	42.9	42.1		4.1	2.2	3.6	3.4	
Blowers and fans	3564	42.2	40.3	40.8	42.3		3.5	2.0	2.5	3.6	
Speed changers, drives, and gears	3566	42.2	41.8	42.6	44.6		4.1	3.5	4.3	5.1	
Power transmission equipment, nec	3568	42.0	42.0	41.8	43.6		3.8	3.9	3.7	4.6	
Office and computing machines	357	44.1	42.1	42.9	43.4		3.3	2.5	3.4	3.3	
Electronic computing equipment	3573	44.0	42.0	42.9	43.4		3.1	2.4	3.4	3.3	
Refrigeration and service machinery	358	41.9	40.5	41.1	42.1		3.3	2.5	3.1	3.5	
Refrigeration and heating equipment	3585	42.1	40.7	41.3	42.2		3.4	2.9	3.2	3.6	
Misc. machinery, except electrical	359	41.9	41.2	41.4	41.8		4.1	3.6	3.6	3.9	
Carburetors, pistons, rings, and valves	3592	43.2	41.8	42.9	43.8		5.2	4.2	3.9	4.4	
Machinery, except electrical, nec	3599	41.7	41.1	41.1	41.5		4.0	3.5	3.5	3.8	
Electrical and electronic equipment	36	42.2	41.1	41.4	42.0	40.9	3.3	2.7	3.1	3.3	
Electric distributing equipment	361	42.9	41.5	40.9	41.7	-	3.4	2.6	2.9	3.4	
Transformers	3612	45.1	42.9	41.5	42.1		3.6	2.6	3.0	3.4	
Switchgear and switchboard apparatus	3613	40.9	40.3	40.3	41.3		3.1	2.6	2.8	3.4	
Electrical industrial apparatus	362	41.7	41.0	41.3	41.5		3.2	2.4	2.7	3.1	
Motors and generators	3621	42.1	41.6	41.6	41.3		3.5	2.9	3.1	3.5	
Industrial controls	3622	40.9	39.6	40.3	41.0		2.9	1.4	1.7	2.3	
Household appliances	363	41.1	40.1	41.5	41.9		3.3	2.5	3.6	4.0	
Household refrigerators and freezers	3632	41.1	40.5	40.0	40.7		4.3	3.2	3.4	3.5	
Household laundry equipment	3633	40.8	40.5	42.1	45.0		2.1	1.7	2.6	4.2	
Electric housewares and fans	3634	40.3	38.8	42.2	41.9		2.4	1.4	4.2	4.1	
Electric lighting and wiring equipment	364	41.2	40.4	40.4	40.9		3.1	2.6	2.6	2.8	
Electric lamps	3641	40.6	39.2	40.7	41.7		2.8	2.3	3.0	3.1	
Current-carrying wiring devices	3643	41.1	40.8	40.1	40.6		2.6	2.4	2.1	2.6	
Noncurrent-carrying wiring devices	3644	42.0	41.1	41.6	42.0		3.0	2.5	3.0	3.1	
Residential lighting fixtures	3645	40.8	39.8	39.5	40.1		2.6	2.3	2.0	1.9	
Radio and TV receiving equipment	365	41.8	41.1	41.8	42.9		3.8	3.0	2.9	3.1	
Radio and TV receiving sets	3651	41.8	41.1	42.2	43.2		3.8	3.0	2.5	2.8	
Communication equipment	366	42.8	41.6	41.6	42.9		3.4	2.5	2.8	2.9	
Telephone and telegraph apparatus	3661	42.2	40.8	40.8	41.8		2.8	1.8	2.3	2.6	
Radio and TV communication equipment	3662	43.0	41.8	41.8	43.2		3.6	2.8	3.0	3.0	
Electronic components and accessories	367	42.3	41.1	41.4	42.0		3.2	2.9	3.3	3.5	
Electronic tubes	3671-3	42.6	44.3	43.0	45.1		2.9	3.2	3.1	4.0	
Semiconductors and related devices	3674	42.2	40.7	41.0	41.8		2.8	2.9	3.5	3.7	
Electronic components, nec	3679	42.7	41.2	41.9	42.2		3.7	3.1	3.5	3.6	
Misc. electrical equipment and supplies	369	42.6	41.3	42.0	42.4		3.9	3.2	3.6	3.6	
Storage batteries	3691	44.6	42.1	44.2	43.9		4.5	3.0	4.7	4.0	
Engine electrical equipment	3694	42.8	42.0	41.8	42.8		4.4	3.9	3.9	4.3	

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	\$11.14	\$11.03	\$11.02	\$11.12		\$480.13	\$462.16	\$459.53	\$478.16	
Construction machinery	3531	12.30	12.15	12.13	12.24		535.05	518.81	522.80	539.78	
Mining machinery	3532	11.73	11.33	11.39	11.44		500.87	465.66	463.57	480.48	
Oil field machinery	3533	11.21	11.11	11.13	11.23		486.51	466.62	439.64	470.54	
Conveyors and conveying equipment	3535	10.10	10.07	9.90	9.96		445.41	427.98	421.74	433.26	
Industrial trucks and tractors	3537	9.37	9.52	9.88	10.07		386.98	376.04	406.07	425.96	
Metalworking machinery	354	10.91	10.93	11.08	11.12		481.13	468.90	468.68	479.27	
Machine tools, metal cutting types	3541	10.88	10.86	11.15	11.12		490.69	466.98	468.30	478.16	
Machine tools, metal forming types	3542	11.29	11.42	11.53	11.61		491.12	484.21	490.03	494.59	
Special dies, tools, jigs, and fixtures	3544	11.67	11.70	11.77	11.81		522.82	514.80	506.11	514.92	
Machine tool accessories	3545	9.83	9.68	9.94	10.01		419.74	403.66	405.55	422.42	
Power driven hand tools	3546	8.40	8.48	8.43	8.57		361.20	334.11	349.00	365.08	
Special industry machinery	355	10.45	10.35	10.48	10.55		452.49	429.53	446.45	455.76	
Food products machinery	3551	10.59	10.57	10.72	10.72		456.43	440.77	462.03	467.39	
Textile machinery	3552	8.17	8.14	8.48	8.49		353.76	336.18	368.88	373.56	
Printing trades machinery	3555	10.97	10.81	11.20	11.23		460.74	434.56	472.64	479.28	
General industrial machinery	356	10.27	10.19	10.29	10.38		436.48	421.87	430.12	446.34	
Pumps and pumping equipment	3561	10.94	10.76	10.97	11.06		461.67	439.01	450.87	476.69	
Ball and roller bearings	3562	10.48	10.65	10.74	10.87		454.83	456.89	466.12	476.11	
Air and gas compressors	3563	10.26	9.95	10.32	10.35		432.97	409.94	442.73	435.74	
Blowers and fans	3564	9.08	9.00	9.22	9.33		383.18	362.70	376.18	394.66	
Speed changers, drives, and gears	3566	10.77	10.65	10.14	10.28		454.49	445.17	431.96	458.49	
Power transmission equipment, nec	3568	10.26	10.32	10.28	10.47		430.92	433.44	429.70	456.49	
Office and computing machines	357	9.64	9.77	10.15	10.12		425.12	411.32	435.44	439.21	
Electronic computing equipment	3573	9.56	9.74	10.10	10.06		420.64	409.08	433.29	436.60	
Refrigeration and service machinery	358	10.36	10.26	10.41	10.42		434.08	415.53	427.85	438.68	
Refrigeration and heating equipment	3585	10.67	10.62	10.65	10.63		449.21	432.23	439.85	448.59	
Misc. machinery, except electrical	359	10.24	10.16	10.24	10.35		429.06	418.59	423.94	432.63	
Carburetors, pistons, rings, and valves	3592	13.09	12.80	12.64	12.77		565.49	535.04	542.26	559.33	
Machinery, except electrical, nec	3599	9.78	9.74	9.87	9.97		407.83	400.31	405.66	413.76	
Electrical and electronic equipment	36	9.68	9.60	9.75	9.84	\$9.81	408.50	394.56	403.65	413.28	\$401.23
Electric distributing equipment	361	8.99	8.88	9.14	9.18	-	385.67	368.52	373.83	382.81	-
Transformers	3612	8.87	8.73	9.05	9.09		400.04	374.52	375.58	382.69	
Switchgear and switchboard apparatus	3613	9.11	9.03	9.21	9.28		372.60	363.91	371.16	383.26	
Electrical industrial apparatus	362	9.72	9.64	9.66	9.69		405.32	395.24	398.96	402.14	
Motors and generators	3621	9.76	9.58	9.66	9.68		410.90	398.53	401.86	399.78	
Industrial controls	3622	9.35	9.35	9.39	9.47		382.42	370.26	378.42	388.27	
Household appliances	363	9.36	9.44	9.49	9.68		384.70	378.54	393.84	405.59	
Household refrigerators and freezers	3632	10.74	10.70	11.28	11.14		441.41	433.35	451.20	453.40	
Household laundry equipment	3633	11.05	11.13	11.35	11.84		450.84	450.77	477.84	532.80	
Electric housewares and fans	3634	7.09	7.13	7.25	7.30		285.73	276.64	305.95	305.87	
Electric lighting and wiring equipment	364	8.79	8.71	8.95	8.91		362.15	351.88	361.58	364.42	
Electric lamps	3641	9.91	9.89	10.00	9.93		402.35	387.69	407.00	414.08	
Current-carrying wiring devices	3643	8.27	8.23	8.39	8.45		339.90	335.78	336.44	343.07	
Noncurrent-carrying wiring devices	3644	9.15	9.08	9.40	9.32		384.30	373.19	391.04	391.44	
Residential lighting fixtures	3645	6.52	6.47	6.46	6.51		266.02	257.51	255.17	261.05	
Radio and TV receiving equipment	365	9.83	9.52	9.47	9.52		410.89	391.27	395.85	408.41	
Radio and TV receiving sets	3651	10.18	9.94	9.81	9.87		425.52	408.53	413.98	426.38	
Communication equipment	366	11.41	11.33	11.49	11.57		488.35	471.33	477.98	496.35	
Telephone and telegraph apparatus	3661	10.96	10.84	11.19	11.22		462.51	442.27	456.55	469.00	
Radio and TV communication equipment	3662	11.58	11.50	11.59	11.68		497.94	480.70	484.46	504.58	
Electronic components and accessories	367	8.55	8.51	8.82	8.92		361.67	349.76	365.15	374.64	
Electronic tubes	3671-3	11.00	10.79	10.87	10.94		468.60	478.00	467.41	493.39	
Semiconductors and related devices	3674	9.76	9.79	10.58	10.65		411.87	398.45	433.78	445.17	
Electronic components, nec	3679	7.98	7.89	7.98	8.09		340.75	325.07	334.36	341.40	
Misc. electrical equipment and supplies	369	10.59	10.46	10.40	10.54		451.13	432.00	436.80	446.90	
Storage batteries	3691	11.00	10.80	10.97	10.94		490.60	454.68	484.87	480.27	
Engine electrical equipment	3694	11.33	11.14	10.85	11.13		484.92	467.88	453.53	476.36	

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^a	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^a
Durable goods—Continued											
Transportation equipment	37	44.2	43.0	42.5	43.3	42.6	5.8	4.7	4.4	4.6	
Motor vehicles and equipment	371	45.3	43.6	42.6	43.7	42.9	6.6	5.2	4.2	4.6	
Motor vehicles and car bodies	3711	45.7	43.5	42.2	43.6	-	7.1	5.3	3.8	4.4	
Truck and bus bodies	3713	42.5	40.8	41.2	42.7		4.6	3.4	3.3	3.7	
Motor vehicle parts and accessories	3714	45.4	44.3	43.4	44.3		6.5	5.5	4.8	5.0	
Truck trailers	3715	43.4	39.0	40.7	41.7		4.5	1.8	2.7	3.5	
Aircraft and parts	372	43.4	42.9	43.3	43.7		5.6	4.6	5.4	5.4	
Aircraft	3721	42.2	42.3	42.5	42.2		4.3	4.0	4.6	4.0	
Aircraft engines and engine parts	3724	43.6	43.0	43.9	44.7		6.8	5.1	6.4	6.7	
Aircraft equipment, nec	3728	45.1	43.6	44.2	45.3		6.5	5.1	6.0	6.7	
Ship and boat building and repairing	373	42.0	41.3	40.6	41.4		4.2	3.7	3.2	3.2	
Ship building and repairing	3731	42.4	41.6	40.7	41.5		4.8	4.2	3.5	3.4	
Boat building and repairing	3732	40.7	40.2	40.4	41.2		2.5	2.5	2.5	2.8	
Railroad equipment	374	41.1	41.5	39.7	40.9		2.8	2.9	3.5	2.5	
Guided missiles, space vehicles, and parts	376	43.9	43.5	42.6	43.3		5.4	5.0	4.5	4.5	
Guided missiles and space vehicles	3761	44.7	44.3	42.6	43.5		5.9	5.5	4.6	4.5	
Miscellaneous transportation equipment	379	42.1	40.7	41.0	41.3		2.9	2.7	4.3	4.8	
Travel trailers and campers	3792	38.4	37.6	38.9	39.0		1.8	1.8	3.0	3.7	
Instruments and related products	38	42.6	41.1	41.5	42.3	41.4	3.2	2.6	2.9	3.4	
Engineering and scientific instruments	381	43.3	42.3	42.4	43.5	-	3.8	3.3	3.4	3.8	
Measuring and controlling devices	382	42.5	40.5	41.4	42.3		2.5	2.0	2.5	3.1	
Environmental controls	3822	41.2	40.1	40.0	41.0		2.7	2.0	2.2	2.9	
Process control instruments	3823	45.4	41.3	41.1	43.9		3.0	2.7	2.1	3.1	
Instruments to measure electricity	3825	41.6	40.2	41.6	40.8		2.2	1.7	2.4	2.5	
Optical instruments and lenses	383	42.5	41.7	41.7	42.3		3.4	3.0	2.8	3.3	
Medical instruments and supplies	384	42.8	41.3	40.8	41.8		4.2	3.1	3.0	3.5	
Surgical and medical instruments	3841	42.6	41.8	41.0	41.8		3.6	3.1	3.2	3.1	
Surgical appliances and supplies	3842	42.9	40.9	40.7	41.9		4.6	3.0	2.8	3.9	
Ophthalmic goods	385	40.7	39.7	40.1	41.4		2.1	1.6	3.0	3.1	
Photographic equipment and supplies	386	43.1	42.2	43.6	43.5		3.7	2.8	3.8	3.9	
Watches, clocks, and watchcases	387	38.8	39.8	40.4	41.1		1.7	1.4	2.1	2.6	
Miscellaneous manufacturing	39	40.7	39.8	40.2	40.3	39.6	3.0	2.2	3.0	2.8	
Jewelry, silverware, and plated ware	391	40.9	38.6	40.5	39.9	-	3.9	2.3	3.9	3.3	
Jewelry, precious metal	3911	40.5	37.6	40.2	39.3		4.0	1.8	4.5	3.6	
Musical instruments	393	41.8	39.4	42.1	42.4		3.4	1.6	3.4	3.3	
Toys and sporting goods	394	39.5	39.8	39.9	39.9		2.3	1.8	2.4	2.4	
Dolls, games, toys, and children's vehicles	3942.4	37.6	38.9	39.7	39.0		1.6	1.6	2.3	2.1	
Sporting and athletic goods, nec	3949	40.7	40.4	40.0	40.5		2.9	2.0	2.4	2.6	
Pens, pencils, office, and art supplies	395	41.9	39.3	41.2	41.6		3.0	1.9	2.7	2.8	
Costume jewelry and notions	396	40.9	40.3	39.7	38.5		2.9	2.4	4.4	2.8	
Costume jewelry	3961	41.2	40.0	38.3	37.2		2.9	1.9	5.4	2.8	
Miscellaneous manufactures	399	40.9	40.2	40.0	40.8		3.0	2.6	2.5	2.8	
Signs and advertising displays	3993	41.9	40.4	40.7	41.0		3.2	2.4	2.8	2.9	
Nondurable goods		40.5	39.8	40.3	40.7	40.0	3.5	3.2	3.6	3.6	3.4
Food and kindred products	20	40.7	39.9	40.2	40.5	39.8	4.0	3.7	4.0	3.8	-
Meat products	201	39.7	39.6	39.7	39.4	-	3.6	3.5	3.8	3.6	
Meat packing plants	2011	41.0	42.2	40.9	40.7		3.9	4.6	3.8	3.8	
Sausages and other prepared meats	2013	41.0	39.4	40.7	40.1		4.2	3.0	4.1	4.2	
Poultry dressing plants	2016	38.0	37.3	38.4	37.7		2.9	2.7	3.6	2.9	
Dairy products	202	41.7	40.8	41.5	41.1		4.3	3.7	4.3	4.0	
Cheese, natural and processed	2022	39.8	38.6	39.4	39.0		3.7	2.9	4.0	3.6	
Fluid milk	2026	43.0	42.3	43.2	42.3		5.3	4.8	5.1	4.5	
Preserved fruits and vegetables	203	40.1	39.1	38.6	39.9		3.7	3.3	3.2	3.2	
Canned specialties	2032	42.0	40.3	39.2	40.9		6.9	7.1	4.2	4.6	
Canned fruits and vegetables	2033	39.5	39.6	38.3	39.8		2.8	3.0	3.2	3.2	
Frozen fruits and vegetables	2037	38.8	37.2	36.6	39.4		3.1	2.3	2.9	2.6	
Grain mill products	204	44.9	44.1	44.5	44.9		5.9	6.0	6.2	6.0	
Flour and other grain mill products	2041	46.6	45.5	47.7	48.3		5.9	5.6	7.5	6.9	
Prepared feeds, nec	2048	43.6	43.0	43.0	43.2		5.7	5.7	5.8	5.7	
Bakery products	205	39.8	38.9	39.5	39.4		3.6	3.2	3.9	3.7	
Bread, cake, and related products	2051	39.1	38.0	38.8	38.7		3.6	3.0	3.9	3.6	
Cookies and crackers	2052	41.7	41.3	41.1	41.1		3.6	3.8	4.0	3.8	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^a	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^a
Durable goods—Continued											
Transportation equipment	37	\$13.06	\$12.91	\$12.92	\$13.00	\$12.93	\$577.25	\$555.13	\$549.10	\$562.90	\$550.82
Motor vehicles and equipment	371	13.81	13.66	13.52	13.63	13.62	625.59	595.58	575.95	595.63	584.30
Motor vehicles and car bodies	3711	15.05	14.99	14.94	15.14	-	687.79	652.07	630.47	660.10	-
Truck and bus bodies	3713	11.21	10.86	11.33	11.64	-	476.43	443.09	466.80	497.03	-
Motor vehicle parts and accessories	3714	13.27	13.08	12.84	12.88	-	602.46	579.44	557.26	570.58	-
Truck trailers	3715	9.63	9.43	9.54	9.76	-	417.94	367.77	388.28	406.99	-
Aircraft and parts	372	12.85	12.77	13.11	13.09	-	557.69	547.83	567.66	572.03	-
Aircraft	3721	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$13.09	\$12.98	\$13.46	\$13.38	-	570.72	558.14	590.89	598.09	-
Aircraft equipment, nec	3728	11.79	11.69	11.99	12.11	-	531.73	509.68	529.96	548.58	-
Ship and boat building and repairing	373	10.91	10.72	10.57	10.68	-	458.22	442.74	429.14	442.15	-
Ship building and repairing	3731	11.83	11.61	11.56	11.72	-	501.59	482.98	470.49	486.38	-
Boat building and repairing	3732	8.22	8.20	7.99	8.07	-	334.55	329.64	322.80	332.48	-
Railroad equipment	374	12.72	12.73	12.71	12.34	-	522.79	528.30	504.59	504.71	-
Guided missiles, space vehicles, and parts	376	12.20	12.17	12.29	12.38	-	535.58	529.40	523.55	536.05	-
Guided missiles and space vehicles	3761	12.43	12.36	12.63	12.68	-	555.62	547.55	538.04	551.58	-
Miscellaneous transportation equipment	379	10.35	10.35	10.75	10.87	-	435.74	421.25	440.75	448.93	-
Travel trailers and campers	3792	8.69	8.74	9.39	9.63	-	333.70	328.62	365.27	375.57	-
Instruments and related products	38	9.39	9.32	9.61	9.64	9.67	400.01	383.05	398.82	407.77	400.34
Engineering and scientific instruments	381	10.01	10.07	10.39	10.54	-	433.43	425.96	440.54	458.49	-
Measuring and controlling devices	382	9.20	8.99	9.48	9.53	-	391.00	364.10	392.47	403.12	-
Environmental controls	3822	8.86	8.62	8.79	9.01	-	365.03	345.66	351.60	369.41	-
Process control instruments	3823	9.29	9.28	9.47	9.48	-	421.77	383.26	389.22	416.17	-
Instruments to measure electricity	3825	9.46	9.09	9.80	9.66	-	393.54	365.42	407.68	394.13	-
Optical instruments and lenses	383	10.24	10.28	10.50	10.54	-	435.20	428.68	437.85	445.84	-
Medical instruments and supplies	384	8.39	8.39	8.60	8.66	-	359.09	346.51	350.88	361.99	-
Surgical and medical instruments	3841	8.48	8.56	8.80	8.86	-	361.25	357.81	360.80	370.35	-
Surgical appliances and supplies	3842	8.35	8.25	8.44	8.51	-	358.22	337.43	343.51	356.57	-
Ophthalmic goods	385	7.11	7.09	7.26	7.26	-	289.38	281.47	291.13	300.56	-
Photographic equipment and supplies	386	12.42	12.35	12.80	12.76	-	535.30	521.17	558.08	555.06	-
Watches, clocks, and watchcases	387	6.89	6.89	7.06	7.17	-	267.33	274.22	285.22	294.69	-
Miscellaneous manufacturing	39	7.48	7.48	7.65	7.72	7.74	304.44	297.70	307.53	311.12	306.50
Jewelry, silverware, and plated ware	391	8.01	7.90	8.21	8.23	-	327.61	304.94	332.51	328.38	-
Jewelry, precious metal	3911	8.09	7.92	8.27	8.28	-	327.65	297.79	332.45	325.40	-
Musical instruments	393	6.97	7.07	7.30	7.29	-	291.35	278.56	307.33	309.10	-
Toys and sporting goods	394	6.80	6.81	6.95	7.00	-	268.60	271.04	277.31	279.30	-
Dolls, games, toys, and children's vehicles	3942,4	6.65	6.76	6.87	6.99	-	250.04	262.96	272.74	272.61	-
Sporting and athletic goods, nec	3949	6.90	6.83	7.01	7.01	-	280.83	275.93	280.40	283.91	-
Pens, pencils, office, and art supplies	395	7.70	7.59	7.92	7.84	-	322.63	298.29	326.30	326.14	-
Costume jewelry and notions	396	6.08	6.06	6.19	6.28	-	248.67	244.22	245.74	241.78	-
Costume jewelry	3961	5.61	5.54	5.67	5.64	-	231.13	221.60	217.16	209.81	-
Miscellaneous manufactures	399	8.19	8.25	8.46	8.56	-	334.97	331.65	338.40	349.25	-
Signs and advertising displays	3993	8.62	8.61	8.67	8.87	-	361.18	347.84	352.87	363.67	-
Nondurable goods		8.87	8.86	9.00	9.05	9.07	359.24	352.63	362.70	368.34	362.80
Food and kindred products	20	8.71	8.72	8.79	8.89	8.92	354.50	347.93	353.36	360.05	355.02
Meat products	201	7.27	7.31	7.33	7.34	-	288.62	289.48	291.00	289.20	-
Meat packing plants	2011	8.16	8.18	8.30	8.30	-	334.56	345.20	339.47	337.81	-
Sausages and other prepared meats	2013	8.68	8.77	8.62	8.74	-	355.88	345.54	350.83	350.47	-
Poultry dressing plants	2016	5.88	5.90	6.04	6.05	-	223.44	220.07	231.94	228.09	-
Dairy products	202	9.41	9.36	9.58	9.53	-	392.40	381.89	397.57	391.68	-
Cheese, natural and processed	2022	8.75	8.61	8.95	8.93	-	348.25	332.35	352.63	348.27	-
Fluid milk	2026	9.73	9.74	9.92	9.80	-	418.39	412.00	428.54	414.54	-
Preserved fruits and vegetables	203	8.06	8.10	8.08	8.38	-	323.21	316.71	311.89	334.36	-
Canned specialties	2032	9.80	9.92	10.37	10.73	-	411.60	399.78	406.50	438.86	-
Canned fruits and vegetables	2033	8.01	8.11	7.72	8.19	-	316.40	321.16	295.68	325.96	-
Frozen fruits and vegetables	2037	7.52	7.45	7.41	7.64	-	291.78	277.14	271.21	301.02	-
Grain mill products	204	10.59	10.53	10.74	10.89	-	475.49	464.37	477.93	488.96	-
Flour and other grain mill products	2041	10.21	10.15	10.57	10.54	-	475.79	461.83	504.19	509.08	-
Prepared feeds, nec	2048	8.07	8.06	8.28	8.30	-	351.85	346.58	356.04	358.56	-
Bakery products	205	9.82	9.74	9.94	10.00	-	390.84	378.89	392.63	394.00	-
Bread, cake, and related products	2051	9.72	9.64	9.89	9.94	-	380.05	366.32	383.73	384.68	-
Cookies and crackers	2052	10.04	9.96	10.07	10.14	-	418.67	411.35	413.88	416.75	-

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	42.0	40.1	42.3	42.7		4.4	3.7	4.2	4.0	
Cane and beet sugar	2061-3	47.0	44.0	46.5	46.2		8.4	6.6	8.5	7.7	
Confectionery products	2065	39.8	38.0	40.9	41.4		2.9	2.4	2.8	2.7	
Fats and oils	207	45.0	43.5	43.6	43.9		6.3	5.5	5.5	5.3	
Beverages	208	41.2	40.1	40.5	41.2		3.9	3.5	3.8	3.5	
Malt beverages	2082	43.8	42.2	43.9	43.9		6.0	6.2	6.3	4.6	
Bottled and canned soft drinks	2086	39.6	39.0	39.0	39.5		3.2	2.5	2.8	3.0	
Misc. food and kindred products	209	39.1	37.6	38.2	39.1		4.0	3.7	3.4	3.7	
Tobacco manufactures	21	38.1	37.7	38.4	37.9	37.4	1.3	1.1	1.3	1.2	
Cigarettes	211	36.9	37.1	37.7	37.6	-	1.1	.7	1.2	1.2	
Textile mill products	22	41.5	40.7	41.9	42.5	41.7	4.1	3.8	4.5	4.7	
Weaving mills, cotton	221	41.4	40.4	43.3	43.6	-	5.0	4.8	6.0	6.1	
Weaving mills, synthetics	222	41.0	40.8	42.4	42.8	-	3.7	3.4	4.7	4.8	
Weaving and finishing mills, wool	223	41.6	41.4	42.3	43.6	-	3.6	3.0	4.6	5.1	
Narrow fabric mills	224	41.1	40.9	41.7	41.2	-	3.1	2.7	3.5	3.5	
Knitting mills	225	39.6	39.3	39.9	40.1	-	3.1	3.0	3.2	3.5	
Women's hosiery, except socks	2251	40.5	39.2	40.8	41.2	-	3.2	3.3	2.7	3.3	
Hosiery, nec	2252	36.2	37.7	39.7	39.1	-	1.6	2.1	2.9	2.6	
Knit outerwear mills	2253	39.6	39.0	38.3	38.8	-	3.0	3.0	3.1	3.5	
Knit underwear mills	2254	37.8	38.5	39.5	38.8	-	2.3	2.0	3.0	2.8	
Circular knit fabric mills	2257	42.2	41.2	42.9	44.0	-	5.0	4.5	5.1	6.0	
Textile finishing, except wool	226	43.5	41.2	43.1	44.5	-	5.9	4.2	5.0	5.6	
Finishing plants, cotton	2261	44.8	41.6	42.8	43.6	-	7.0	4.3	5.4	5.4	
Finishing plants, synthetics	2262	42.2	40.8	43.1	44.3	-	5.4	4.4	5.2	5.9	
Floor covering mills	227	43.0	40.5	42.3	44.2	-	4.2	4.2	4.5	5.0	
Yarn and thread mills	228	42.2	41.9	42.5	42.9	-	4.5	4.5	4.8	5.3	
Yarn mills, except wool	2281	43.0	42.6	43.8	44.3	-	5.0	5.0	5.5	6.0	
Throwing and winding mills	2282	38.7	39.4	37.5	37.1	-	3.3	3.5	3.0	3.1	
Miscellaneous textile goods	229	44.3	43.4	43.5	44.1	-	5.2	4.3	4.7	5.0	
Apparel and other textile products	23	37.1	36.6	37.2	37.4	36.9	1.7	1.5	1.8	1.8	
Men's and boys' suits and coats	231	36.7	36.0	36.4	36.0	-	1.1	.9	.9	1.1	
Men's and boys' furnishings	232	37.6	37.5	37.4	37.7	-	1.5	1.4	1.5	1.5	
Men's and boys' shirts and nightwear	2321	37.4	36.9	37.9	37.9	-	1.6	1.4	1.6	1.6	
Men's and boys' separate trousers	2327	37.4	37.2	37.8	38.5	-	1.3	1.4	1.5	1.1	
Men's and boys' work clothing	2328	36.9	37.2	35.7	36.3	-	1.5	1.3	1.2	1.2	
Women's and misses' outerwear	233	35.2	34.8	35.6	36.4	-	1.5	1.4	1.6	1.8	
Women's and misses' blouses and waists	2331	34.5	34.3	36.0	35.5	-	1.0	1.0	1.4	1.5	
Women's and misses' dresses	2335	34.6	34.4	34.1	35.2	-	1.0	1.3	1.3	1.4	
Women's and misses' suits and coats	2337	34.5	34.4	35.5	35.7	-	1.1	.9	1.5	1.2	
Women's and misses' outerwear, nec	2339	35.9	35.2	36.3	37.5	-	1.9	1.7	1.9	2.3	
Women's and children's undergarments	234	36.6	36.3	37.3	35.3	-	1.4	1.3	1.6	1.1	
Women's and children's underwear	2341	36.8	36.8	37.6	35.3	-	1.3	1.2	1.7	1.1	
Brassieres and allied garments	2342	35.6	34.0	35.8	35.1	-	1.7	1.6	1.2	.9	
Children's outerwear	236	37.8	37.9	37.1	37.7	-	1.6	2.0	1.7	1.6	
Children's dresses and blouses	2361	37.0	37.2	36.2	37.7	-	1.4	2.0	1.6	2.0	
Misc. apparel and accessories	238	37.8	36.8	38.3	38.8	-	1.2	.8	1.9	1.8	
Misc. fabricated textile products	239	40.2	38.7	39.9	39.8	-	3.2	2.4	3.2	3.1	
Curtains and draperies	2391	39.2	36.4	39.2	39.8	-	1.8	.6	2.3	2.4	
House furnishings, nec	2392	39.9	37.7	40.3	39.9	-	3.3	2.0	3.6	3.0	
Automotive and apparel trimmings	2396	41.9	41.5	41.2	41.0	-	5.2	4.9	5.0	5.2	
Paper and allied products	26	44.3	43.5	43.4	44.0	43.5	5.2	4.7	4.9	5.1	
Paper and pulp mills	261,2,6	46.2	45.0	45.1	45.8	-	6.5	6.3	6.5	6.4	
Paper mills, except building paper	262	46.2	45.0	45.4	45.9	-	6.7	6.5	6.8	6.7	
Paperboard mills	263	44.5	45.2	44.3	44.8	-	7.0	7.2	6.8	7.3	
Misc. converted paper products	264	43.3	42.4	42.2	42.5	-	3.8	3.4	3.6	3.8	
Paper coating and glazing	2641	44.4	43.0	42.9	43.5	-	3.7	3.0	3.5	4.3	
Envelopes	2642	43.6	42.8	42.5	42.5	-	4.0	3.5	3.3	3.5	
Bags, except textile bags	2643	44.0	43.2	42.3	43.3	-	4.4	4.1	4.3	4.3	
Paperboard containers and boxes	265	43.6	42.8	42.8	43.8	-	4.8	4.0	4.4	4.8	
Folding paperboard boxes	2651	44.0	41.9	42.8	43.9	-	4.9	3.6	4.4	5.0	
Corrugated and solid fiber boxes	2653	43.8	43.5	43.3	43.7	-	4.9	4.3	4.5	4.9	
Sanitary food containers	2654	45.5	43.4	42.6	46.2	-	6.4	4.4	4.4	5.2	

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^a	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^a
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	\$8.52	\$8.71	\$8.54	\$8.61		\$357.84	\$349.27	\$361.24	\$367.65	
Cane and beet sugar	2061-3	9.64	10.09	9.95	10.03		453.08	443.96	462.68	463.39	
Confectionery products	2065	7.38	7.46	7.29	7.32		293.72	283.48	298.16	303.05	
Fats and oils	207	8.67	8.61	8.99	8.93		390.15	374.54	391.96	392.03	
Beverages	208	11.77	11.71	12.06	12.04		484.92	469.57	488.43	496.05	
Malt beverages	2082	16.23	16.36	16.70	16.50		710.87	690.39	733.13	724.35	
Bottled and canned soft drinks	2086	8.96	8.81	9.20	9.27		354.82	343.59	358.80	366.17	
Misc. food and kindred products	209	7.94	8.00	8.12	8.19		310.45	300.80	310.18	320.23	
Tobacco manufactures	21	11.78	11.89	12.62	12.90	\$13.06	448.82	448.25	484.61	488.91	\$488.44
Cigarettes	211	15.06	15.00	15.76	15.95	-	555.71	556.50	594.15	599.72	-
Textile mill products	22	6.83	6.85	7.07	7.13	7.12	283.45	278.80	296.23	303.03	296.90
Weaving mills, cotton	221	7.13	7.10	7.43	7.42		295.18	286.84	321.72	323.51	-
Weaving mills, synthetics	222	7.32	7.29	7.55	7.61		300.12	297.43	320.12	325.71	
Weaving and finishing mills, wool	223	7.19	7.18	7.52	7.66		299.10	297.25	318.10	333.98	
Narrow fabric mills	224	6.46	6.46	6.64	6.60		265.51	264.21	276.89	271.92	
Knitting mills	225	6.25	6.31	6.45	6.52		247.50	247.98	257.36	261.45	
Women's hosiery, except socks	2251	6.20	6.31	6.23	6.27		251.10	247.35	254.18	258.32	
Hosiery, nec	2252	5.90	5.99	6.07	6.09		213.58	225.82	240.98	238.12	
Knit outerwear mills	2253	6.14	6.21	6.55	6.64		243.14	242.19	250.87	257.63	
Knit underwear mills	2254	5.76	5.84	5.98	6.01		217.73	224.84	236.21	233.19	
Circular knit fabric mills	2257	6.88	6.87	7.03	7.14		290.34	283.04	301.59	314.16	
Textile finishing, except wool	226	7.25	7.20	7.37	7.41		315.38	296.64	317.65	329.75	
Finishing plants, cotton	2261	7.21	7.12	7.44	7.50		323.01	296.19	318.43	327.00	
Finishing plants, synthetics	2262	7.77	7.76	7.79	7.74		327.89	316.61	335.75	342.88	
Floor covering mills	227	7.06	7.12	7.50	7.54		303.58	288.36	317.25	333.27	
Yarn and thread mills	228	6.41	6.42	6.62	6.68		270.50	269.00	281.35	286.57	
Yarn mills, except wool	2281	6.42	6.43	6.62	6.68		276.06	273.92	289.96	295.92	
Throwing and winding mills	2282	6.40	6.45	6.69	6.75		247.68	254.13	250.88	250.43	
Miscellaneous textile goods	229	7.69	7.76	8.06	8.17		340.67	336.78	350.61	360.30	
Apparel and other textile products	23	5.80	5.82	5.83	5.83	5.86	215.18	213.01	216.88	218.04	216.23
Men's and boys' suits and coats	231	6.65	6.70	6.70	6.64	-	244.06	241.20	243.88	239.04	-
Men's and boys' furnishings	232	5.34	5.38	5.38	5.41		200.78	201.75	201.21	203.96	
Men's and boys' shirts and nightwear	2321	5.15	5.17	5.19	5.21		192.61	190.77	196.70	197.46	
Men's and boys' separate trousers	2327	5.26	5.30	5.30	5.34		196.72	197.16	200.34	205.59	
Men's and boys' work clothing	2328	5.38	5.45	5.44	5.48		198.52	202.74	194.21	198.92	
Women's and misses' outerwear	233	5.59	5.60	5.56	5.60		196.77	194.88	197.94	203.84	
Women's and misses' blouses and waists	2331	5.17	5.20	5.07	5.06		178.37	178.36	182.52	179.63	
Women's and misses' dresses	2335	5.84	5.88	5.94	5.93		202.06	202.27	202.55	208.74	
Women's and misses' suits and coats	2337	6.58	6.44	6.40	6.49		227.01	221.54	227.20	231.69	
Women's and misses' outerwear, nec	2339	5.35	5.38	5.31	5.39		192.07	189.38	192.75	202.13	
Women's and children's undergarments	234	5.34	5.39	5.42	5.43		195.44	195.66	202.17	191.68	
Women's and children's underwear	2341	5.19	5.22	5.26	5.26		190.99	192.10	197.78	185.68	
Brassieres and allied garments	2342	6.04	6.24	6.20	6.22		215.02	212.16	221.96	218.32	
Children's outerwear	236	5.15	5.15	5.19	5.19		194.67	195.19	192.55	195.66	
Children's dresses and blouses	2361	4.99	4.97	5.03	5.10		184.63	184.88	182.09	192.27	
Misc. apparel and accessories	238	5.53	5.57	5.63	5.64		209.03	204.98	215.63	218.83	
Misc. fabricated textile products	239	7.06	7.12	7.07	7.00		283.81	275.54	282.09	278.60	
Curtains and draperies	2391	5.40	5.52	5.65	5.55		211.68	200.93	221.48	220.89	
House furnishings, nec	2392	5.91	5.90	5.95	6.04		235.81	222.43	239.79	241.00	
Automotive and apparel trimmings	2396	11.32	11.33	10.99	10.67		474.31	470.20	452.79	437.47	
Paper and allied products	26	11.07	11.02	11.17	11.24	11.22	490.40	479.37	484.78	494.56	488.07
Paper and pulp mills	261,2,6	13.44	13.37	13.69	13.70	-	620.93	601.65	617.42	627.46	-
Paper mills, except building paper	262	13.53	13.46	13.76	13.78		625.09	605.70	624.70	632.50	
Paperboard mills	263	14.06	13.84	14.04	14.26		625.67	625.57	621.97	638.85	
Misc. converted paper products	264	9.52	9.48	9.62	9.71		412.22	401.95	405.96	412.68	
Paper coating and glazing	2641	10.89	10.85	10.93	10.98		483.52	466.55	468.90	477.63	
Envelopes	2642	8.63	8.53	8.92	9.05		376.27	365.08	379.10	384.63	
Bags, except textile bags	2643	9.00	8.92	8.94	9.02		396.00	385.34	378.16	390.57	
Paperboard containers and boxes	265	9.50	9.46	9.58	9.66		414.20	404.89	410.02	423.11	
Folding paperboard boxes	2651	9.95	9.75	9.84	10.01		437.80	408.53	421.15	439.44	
Corrugated and solid fiber boxes	2653	9.69	9.72	9.88	9.92		424.42	422.82	427.80	433.50	
Sanitary food containers	2654	9.34	9.15	9.37	9.48		424.97	397.11	399.16	437.98	

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^b	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^a	Jan. 1987 ^b
Nondurable goods—Continued											
Printing and publishing	27	38.8	37.7	38.4	38.7	37.8	3.3	2.6	3.2	3.1	
Newspapers	271	35.0	32.9	34.3	34.2	-	2.1	1.2	2.0	1.9	
Periodicals	272	39.0	38.9	38.7	38.2		3.6	3.5	3.5	2.9	
Books	273	40.1	39.8	39.4	40.6		3.6	3.3	3.2	3.7	
Book publishing	2731	38.3	38.4	38.9	39.5		2.9	2.4	2.6	2.9	
Book printing	2732	42.7	41.8	40.1	42.3		4.6	4.7	4.1	4.9	
Miscellaneous publishing	274	36.7	36.6	36.5	37.4		2.4	1.7	2.6	2.8	
Commercial printing	275	39.9	39.0	40.0	40.1		3.7	3.0	3.9	3.5	
Commercial printing, letterpress	2751	39.5	38.8	39.6	39.7		3.1	2.4	3.4	3.1	
Commercial printing, lithographic	2752	39.9	38.8	40.0	40.0		3.8	3.1	3.9	3.6	
Manifold business forms	276	43.7	41.9	41.7	43.5		5.5	4.3	3.7	4.9	
Blankbooks and bookbinding	278	40.4	39.0	38.1	39.5		2.8	2.3	2.4	2.6	
Printing trade services	279	38.9	39.1	38.6	38.5		3.0	3.4	3.6	3.2	
Chemicals and allied products	28	42.5	41.8	42.6	42.9	42.6	3.6	3.4	3.9	3.9	
Industrial inorganic chemicals	281	41.9	41.7	43.0	43.4	-	3.3	2.9	3.9	4.1	
Industrial inorganic chemicals, nec	2819	42.3	42.3	43.6	44.1		3.3	2.9	4.0	4.0	
Plastics materials and synthetics	282	42.5	41.8	42.8	43.0		3.6	3.6	4.0	3.8	
Plastics materials and resins	2821	43.9	43.6	43.9	43.5		4.7	4.6	4.8	4.4	
Organic fibers, noncellulosic	2824	42.0	40.7	42.1	42.9		2.7	3.1	3.5	3.3	
Drugs	283	42.0	41.0	42.7	42.4		3.2	3.2	3.0	3.2	
Pharmaceutical preparations	2834	41.8	40.8	42.1	41.8		3.2	3.1	3.0	3.3	
Soap, cleaners, and toilet goods	284	42.3	40.9	41.4	42.6		3.3	2.9	3.4	3.8	
Soap and other detergents	2841	45.6	44.3	44.7	46.1		5.2	4.5	5.7	6.3	
Toilet preparations	2844	40.3	38.7	39.5	40.6		2.6	2.2	2.5	2.8	
Polishing, sanitation, and finishing preparations	2842,3	42.4	40.8	41.1	42.3		2.4	2.1	2.6	2.9	
Paints and allied products	285	41.3	41.0	41.3	41.7		2.9	3.0	2.8	2.7	
Industrial organic chemicals	286	43.8	43.9	43.9	43.8		4.5	4.3	5.5	5.3	
Cyclic crudes and intermediates	2865	44.5	44.8	43.8	44.2		5.4	5.4	5.0	5.8	
Gum, wood, and industrial organic chemicals, nec	2861,9	43.6	43.6	43.9	43.7		4.2	3.9	5.6	5.1	
Agricultural chemicals	287	42.9	42.2	42.4	43.2		3.9	4.0	4.2	4.6	
Miscellaneous chemical products	289	42.6	42.1	42.8	42.4		3.7	3.5	4.2	3.6	
Petroleum and coal products	29	43.7	43.2	43.9	43.9	43.5	4.5	4.0	4.8	4.6	
Petroleum refining	291	44.3	43.8	44.1	44.1	-	4.4	4.0	4.3	4.4	
Paving and roofing materials	295	42.8	41.7	43.7	43.5		5.6	4.7	6.9	5.9	
Rubber and misc. plastics products	30	42.0	41.4	41.7	42.2	41.4	3.9	3.6	3.9	4.0	
Tires and inner tubes	301	42.9	43.3	43.6	43.6	-	4.3	4.5	5.5	5.0	
Rubber and plastics footwear	302	39.9	39.2	40.0	38.8		1.6	1.4	2.7	1.4	
Reclaimed rubber, and rubber and plastics hose and belting	303,4	43.5	42.4	41.9	42.9		4.0	3.1	3.5	4.3	
Fabricated rubber products, nec	306	42.3	41.7	41.4	42.6		3.5	3.4	3.3	3.9	
Miscellaneous plastics products	307	41.8	41.0	41.5	42.0		4.0	3.6	3.9	4.0	
Leather and leather products	31	37.9	37.1	37.2	37.9	37.3	1.6	1.3	2.0	1.7	
Leather tanning and finishing	311	41.3	40.3	40.9	41.1	-	3.7	3.3	3.2	3.5	
Footwear, except rubber	314	37.5	36.7	36.2	37.4		1.4	1.2	1.6	1.5	
Men's footwear, except athletic	3143	36.8	36.0	35.4	37.8		1.2	.9	1.3	1.6	
Women's footwear, except athletic	3144	37.9	37.6	37.1	37.6		1.7	1.5	2.0	1.4	
Luggage	316	39.6	36.6	39.0	39.4		2.0	1.5	1.2	1.2	
Handbags and personal leather goods	317	36.9	36.6	38.0	36.8		1.4	.6	3.2	1.3	
Transportation and public utilities		39.7	39.0	39.3	39.2	38.1					
Railroad transportation:											
Class I railroads ³	4011	44.3	42.4	46.1	44.3						
Local and interurban passenger transit	41	34.3	33.8	33.3	33.6						
Local and suburban transportation	411	38.9	38.4	37.8	37.9						
Intercity highway transportation	413	39.0	37.5	41.3	38.8						
Trucking and warehousing	42	38.9	37.4	38.3	38.7						
Trucking and trucking terminals	421,3	38.9	37.3	38.2	38.6						
Public warehousing	422	39.2	38.4	39.5	39.1						
Pipe lines, except natural gas	46	41.9	44.4	41.4	41.3						

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Nondurable goods—Continued											
Printing and publishing	27	\$9.92	\$9.85	\$10.11	\$10.11	\$10.14	\$384.90	\$371.35	\$388.22	\$391.26	\$383.29
Newspapers	271	9.90	9.91	10.01	10.12	-	346.50	326.04	343.34	346.10	-
Periodicals	272	10.40	10.51	10.92	10.76	-	405.60	408.84	422.60	411.03	-
Books	273	8.91	8.71	9.36	9.21	-	357.29	346.66	368.78	373.93	-
Book publishing	2731	8.27	8.01	8.85	8.62	-	316.74	307.58	344.27	340.49	-
Book printing	2732	9.73	9.67	10.11	10.06	-	415.47	404.21	405.41	425.54	-
Miscellaneous publishing	274	8.80	8.80	9.18	9.16	-	322.96	322.08	335.07	342.58	-
Commercial printing	275	10.28	10.19	10.40	10.41	-	410.17	397.41	416.00	417.44	-
Commercial printing, letterpress	2751	9.81	9.75	10.02	10.03	-	387.50	378.30	396.79	398.19	-
Commercial printing, lithographic	2752	10.42	10.34	10.52	10.55	-	415.76	401.19	420.80	422.00	-
Manifold business forms	276	10.41	10.22	10.52	10.64	-	454.92	428.22	438.68	462.84	-
Blankbooks and bookbinding	278	7.89	7.78	7.98	8.10	-	318.76	303.42	304.04	319.95	-
Printing trade services	279	11.70	11.79	12.12	12.10	-	455.13	460.99	467.83	465.85	-
Chemicals and allied products	28	11.85	11.86	12.15	12.19	12.16	503.63	495.75	517.59	522.95	518.02
Industrial inorganic chemicals	281	13.22	13.01	13.36	13.38	-	553.92	542.52	574.48	580.69	-
Industrial inorganic chemicals, nec	2819	13.35	13.09	13.44	13.41	-	564.71	553.71	585.98	591.38	-
Plastics materials and synthetics	282	11.94	12.02	12.26	12.23	-	507.45	502.44	524.73	525.89	-
Plastics materials and resins	2821	12.98	12.98	13.30	13.32	-	569.82	565.93	583.87	579.42	-
Organic fibers, noncellulosic	2824	11.62	11.87	11.83	11.67	-	488.04	483.11	498.04	500.64	-
Drugs	283	10.97	11.01	11.19	11.24	-	460.74	451.41	477.81	476.58	-
Pharmaceutical preparations	2834	10.68	10.68	10.98	11.07	-	446.42	435.74	462.26	462.73	-
Soap, cleaners, and toilet goods	284	10.64	10.75	10.94	11.06	-	450.07	439.68	452.92	471.16	-
Soap and other detergents	2841	13.70	13.62	13.96	14.15	-	624.72	603.37	624.01	652.32	-
Toilet preparations	2844	8.99	9.02	9.31	9.45	-	362.30	349.07	367.75	383.67	-
Polishing, sanitation, and finishing preparations	2842,3	9.79	9.89	10.14	10.07	-	415.10	403.51	416.75	425.96	-
Paints and allied products	285	10.23	10.28	10.59	10.75	-	422.50	421.48	437.37	448.28	-
Industrial organic chemicals	286	14.32	14.12	14.60	14.59	-	627.22	619.87	640.94	639.04	-
Cyclic crudes and intermediates	2865	13.99	14.07	14.52	14.96	-	622.56	630.34	635.98	661.23	-
Gum, wood, and industrial organic chemicals, nec	2861,9	14.43	14.14	14.63	14.47	-	629.15	616.50	642.26	632.34	-
Agricultural chemicals	287	11.40	11.32	11.84	11.88	-	489.06	477.70	502.02	513.22	-
Miscellaneous chemical products	289	10.82	10.88	11.25	11.29	-	460.93	458.05	481.50	478.70	-
Petroleum and coal products	29	14.24	14.26	14.26	14.40	14.29	622.29	616.03	626.01	632.16	621.62
Petroleum refining	291	15.31	15.33	15.34	15.42	-	678.23	671.45	676.49	680.02	-
Paving and roofing materials	295	10.80	10.71	11.22	11.34	-	462.24	446.61	490.31	493.29	-
Rubber and misc. plastics products	30	8.73	8.69	8.81	8.87	8.84	366.66	359.77	367.38	374.31	365.98
Tires and inner tubes	301	13.59	13.48	13.84	13.83	-	583.01	583.68	603.42	602.99	-
Rubber and plastics footwear	302	5.97	6.02	5.93	5.99	-	238.20	235.98	237.20	232.41	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	8.48	8.36	9.00	9.10	-	368.88	354.46	377.10	390.39	-
Fabricated rubber products, nec	306	8.57	8.51	8.57	8.66	-	362.51	354.87	354.80	368.92	-
Miscellaneous plastics products	307	8.12	8.08	8.17	8.25	-	339.42	331.28	339.06	346.50	-
Leather and leather products	31	5.83	5.86	5.98	5.98	6.00	220.96	217.41	222.46	226.64	223.80
Leather tanning and finishing	311	7.44	7.46	7.80	7.92	-	307.27	300.64	319.02	325.51	-
Footwear, except rubber	314	5.54	5.60	5.69	5.68	-	207.75	205.52	205.98	212.43	-
Men's footwear, except athletic	3143	5.87	5.96	6.05	6.10	-	216.02	214.56	214.17	230.58	-
Women's footwear, except athletic	3144	5.32	5.37	5.45	5.39	-	201.63	201.91	202.20	202.66	-
Luggage	316	6.46	6.19	6.24	6.23	-	255.82	226.55	243.36	245.46	-
Handbags and personal leather goods	317	5.74	5.66	5.87	5.83	-	211.81	207.16	223.06	214.54	-
Transportation and public utilities		11.61	11.59	11.75	11.72	11.71	460.92	452.01	461.78	459.42	446.15
Railroad transportation:											
Class I railroads ³	4011	13.97	13.67	14.06	14.07	-	618.87	579.61	648.17	623.30	-
Local and interurban passenger transit	41	7.81	7.88	8.24	8.14	-	267.88	266.34	274.39	273.50	-
Local and suburban transportation	411	8.25	8.30	8.65	8.68	-	320.93	318.72	326.97	328.97	-
Intercity highway transportation	413	11.24	11.75	11.87	11.74	-	438.36	440.63	490.23	455.51	-
Trucking and warehousing	42	10.73	10.64	10.74	10.80	-	417.40	397.94	411.34	417.96	-
Trucking and trucking terminals	421,3	10.91	10.82	10.94	10.99	-	424.40	403.59	417.91	424.21	-
Public warehousing	422	8.24	8.29	8.20	8.26	-	323.01	318.34	323.90	322.97	-
Pipe lines, except natural gas	46	15.75	15.29	15.39	15.34	-	659.93	678.88	637.15	633.54	-

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Transportation and public utilities—Continued											
Communication	48	40.3	40.0	40.2	39.9						
Telephone communication	481	41.5	41.1	41.6	41.2						
Radio and television broadcasting	483	36.8	36.9	36.9	36.8						
Electric, gas, and sanitary services	49	41.9	41.8	42.1	41.8						
Electric services	491	42.0	41.7	42.2	41.6						
Gas production and distribution	492	41.1	41.1	41.8	41.6						
Combination utility services	493	42.6	42.4	42.5	42.4						
Sanitary services	495	42.6	42.5	42.4	42.1						
Wholesale trade		38.6	38.3	38.4	38.5	38.1					
Durable goods	50	39.1	38.9	38.7	38.9						
Motor vehicles and automotive equipment	501	38.5	38.5	37.8	38.1						
Furniture and home furnishings	502	37.0	36.9	37.1	37.0						
Lumber and construction materials	503	39.3	38.9	39.4	39.4						
Sporting goods, toys, and hobby goods	504	37.6	36.6	36.2	36.9						
Metals and minerals, except petroleum	505	40.4	40.0	40.7	41.0						
Electrical goods	506	39.0	38.5	38.8	38.8						
Hardware, plumbing, and heating equipment	507	38.7	38.6	38.4	38.5						
Machinery, equipment, and supplies	508	39.7	39.6	39.2	39.4						
Miscellaneous durable goods	509	38.0	37.8	37.6	37.8						
Nondurable goods	51	38.0	37.5	37.9	37.9						
Paper and paper products	511	38.2	37.7	37.4	37.6						
Drugs, proprietaries, and sundries	512	37.9	37.2	37.0	37.8						
Apparel, piece goods, and notions	513	36.3	35.8	36.9	36.3						
Groceries and related products	514	38.6	37.8	38.4	38.4						
Chemicals and allied products	516	39.1	39.3	40.2	40.2						
Petroleum and petroleum products	517	39.4	40.0	39.0	39.2						
Beer, wine, and distilled beverages	518	36.3	35.7	36.4	36.7						
Miscellaneous nondurable goods	519	37.4	37.1	37.1	37.2						
Retail trade		29.8	28.7	29.1	29.5	28.3					
Building materials and garden supplies	52	36.2	35.8	36.3	36.6						
Lumber and other building materials	521	37.8	37.6	38.4	38.5						
Hardware stores	525	33.3	32.4	32.6	33.2						
General merchandise stores	53	30.2	26.8	28.1	29.8						
Department stores	531	30.0	26.6	27.9	29.5						
Variety stores	533	31.4	27.8	29.4	31.3						
Misc. general merchandise stores	539	31.0	28.5	29.2	30.8						
Food stores	54	30.0	29.6	29.8	29.7						
Grocery stores	541	30.2	29.8	30.1	29.9						
Retail bakeries	546	29.2	28.3	27.6	27.6						
Automotive dealers and service stations	55	36.8	36.7	36.5	36.3						
New and used car dealers	551,2	37.8	37.6	37.4	37.3						
Auto and home supply stores	553	39.8	39.4	39.4	38.8						
Gasoline service stations	554	34.3	34.4	33.9	33.7						
Apparel and accessory stores	56	28.3	26.4	26.5	27.9						
Men's and boys' clothing and furnishings	561	30.8	29.4	28.6	31.2						
Women's ready-to-wear stores	562	27.0	25.2	25.2	26.2						
Family clothing stores	565	28.9	26.1	27.0	28.5						
Shoe stores	566	28.7	26.9	27.4	28.7						
Furniture and home furnishings stores	57	33.7	32.9	33.3	33.5						
Furniture and home furnishings stores	571	33.7	32.9	33.1	33.3						
Household appliance stores	572	35.2	33.7	34.2	34.6						
Radio, television, and music stores	573	33.3	32.7	33.4	33.6						
Eating and drinking places ⁴	58	25.5	25.1	25.6	25.5						

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Transportation and public utilities—Continued											
Communication	48	\$12.03	\$12.03	\$12.28	\$12.27		\$484.81	\$481.20	\$493.66	\$489.57	
Telephone communication	481	12.75	12.69	13.05	13.06		529.13	521.56	542.88	538.07	
Radio and television broadcasting	483	10.74	10.96	11.03	10.94		395.23	404.42	407.01	402.59	
Electric, gas, and sanitary services ..	49	13.20	13.16	13.62	13.54		553.08	550.09	573.40	565.97	
Electric services	491	13.27	13.20	13.74	13.72		557.34	550.44	579.83	570.75	
Gas production and distribution ..	492	12.40	12.32	12.89	12.83		509.64	506.35	538.80	533.73	
Combination utility services ..	493	15.27	15.33	15.66	15.53		650.50	649.99	665.55	658.47	
Sanitary services	495	9.63	9.57	9.95	9.78		410.24	406.73	421.88	411.74	
Wholesale trade		9.33	9.28	9.46	9.44	\$9.44	360.14	355.42	363.26	363.44	\$359.66
Durable goods	50	9.41	9.39	9.61	9.56		367.93	365.27	371.91	371.88	
Motor vehicles and automotive equipment	501	8.42	8.43	8.56	8.57		324.17	324.56	323.57	326.52	
Furniture and home furnishings	502	8.45	8.43	8.63	8.73		312.65	311.07	320.17	323.01	
Lumber and construction materials	503	8.80	8.74	9.11	9.04		345.84	339.99	358.93	356.18	
Sporting goods, toys, and hobby goods	504	9.46	9.57	9.80	9.62		355.70	350.26	354.76	354.98	
Metals and minerals, except petroleum	505	10.19	10.22	10.25	10.20		411.68	408.80	417.18	418.20	
Electrical goods	506	9.80	9.74	10.08	9.88		382.20	374.99	391.10	383.34	
Hardware, plumbing, and heating equipment	507	8.85	8.84	9.09	9.10		342.50	341.22	349.06	350.35	
Machinery, equipment, and supplies	508	9.99	9.97	10.21	10.18		396.60	394.81	400.23	401.09	
Miscellaneous durable goods	509	7.57	7.57	7.54	7.56		287.66	286.15	283.50	285.77	
Nondurable goods	51	9.22	9.12	9.24	9.25		350.36	342.00	350.20	350.58	
Paper and paper products	511	10.00	9.95	9.98	9.78		382.00	375.12	373.25	367.73	
Drugs, proprietaries, and sundries	512	10.40	10.25	10.73	10.62		394.16	381.30	397.01	401.44	
Apparel, piece goods, and notions	513	8.74	8.94	8.93	8.97		317.26	320.05	329.52	325.61	
Groceries and related products	514	9.30	9.16	9.31	9.30		358.98	346.25	357.50	357.12	
Chemicals and allied products	516	11.54	11.47	11.70	11.75		451.21	450.77	470.34	472.35	
Petroleum and petroleum products	517	9.94	9.80	9.66	9.70		391.64	392.00	376.74	380.24	
Beer, wine, and distilled beverages	518	11.14	10.63	10.93	11.10		404.38	379.49	397.85	407.37	
Miscellaneous nondurable goods	519	7.51	7.46	7.66	7.66		280.87	276.77	284.19	284.95	
Retail trade		5.99	6.03	6.07	6.05	6.09	178.50	173.06	176.64	178.48	172.35
Building materials and garden supplies	52	6.73	6.80	6.91	6.92		243.63	243.44	250.83	253.27	
Lumber and other building materials	521	7.05	7.14	7.21	7.24		266.49	268.46	276.86	278.74	
Hardware stores	525	5.75	5.77	5.80	5.80		191.48	186.95	189.08	192.56	
General merchandise stores	53	6.19	6.13	6.39	6.43		186.94	164.28	179.56	191.61	
Department stores	531	6.46	6.38	6.69	6.72		193.80	169.71	186.65	198.24	
Variety stores	533	4.71	4.65	4.66	4.86		147.89	129.27	137.00	152.12	
Misc. general merchandise stores	539	4.79	4.88	4.84	4.83		148.49	139.08	141.33	148.76	
Food stores	54	7.16	7.26	7.07	6.89		214.80	214.90	210.69	204.63	
Grocery stores	541	7.40	7.47	7.27	7.08		223.48	222.61	218.83	211.69	
Retail bakeries	546	5.48	5.43	5.50	5.61		160.02	153.67	151.80	154.84	
Automotive dealers and service stations	55	7.42	7.45	7.60	7.62		273.06	273.42	277.40	276.61	
New and used car dealers	551,2	9.01	9.03	9.23	9.27		340.58	339.53	345.20	345.77	
Auto and home supply stores	553	6.40	6.56	6.59	6.56		254.72	258.46	259.65	254.53	
Gasoline service stations	554	5.37	5.38	5.50	5.50		184.19	185.07	186.45	185.35	
Apparel and accessory stores	56	5.34	5.36	5.40	5.39		151.12	141.50	143.10	150.38	
Men's and boys' clothing and furnishings	561	6.43	6.37	6.23	6.19		198.04	187.28	178.18	193.13	
Women's ready-to-wear stores	562	5.00	5.06	5.11	5.10		135.00	127.51	128.77	133.62	
Family clothing stores	565	5.22	5.40	5.40	5.32		150.86	140.94	145.80	151.62	
Shoe stores	566	5.51	5.23	5.36	5.43		158.14	140.69	146.86	155.84	
Furniture and home furnishings stores	57	7.30	7.13	7.40	7.48		246.01	234.58	246.42	250.58	
Furniture and home furnishings stores	571	7.28	7.28	7.43	7.46		245.34	239.51	245.93	248.42	
Household appliance stores	572	7.65	7.61	7.29	7.31		269.28	256.46	249.32	252.93	
Radio, television, and music stores	573	7.20	6.73	7.39	7.57		239.76	220.07	246.83	254.35	
Eating and drinking places ⁴	58	4.38	4.36	4.38	4.39		111.69	109.44	112.13	111.95	

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ²	Jan. 1987 ³	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ²	Jan. 1987 ³
Retail trade—Continued											
Miscellaneous retail	59	31.8	30.0	30.1	31.2						
Drug stores and proprietary stores	591	29.0	28.4	28.1	28.6						
Miscellaneous shopping goods stores	594	30.8	28.3	28.2	30.0						
Nonstore retailers	596	35.3	32.6	33.1	34.7						
Fuel and ice dealers	598	39.7	39.7	40.0	39.9						
Retail stores, nec	599	33.2	31.3	31.7	32.9						
Finance, insurance, and real estate⁵ ..		36.7	36.4	36.7	36.6	36.5					
Banking	60	36.5	36.3	36.5	36.3						
Commercial and stock savings banks	602	36.5	36.3	36.6	36.3						
Credit agencies other than banks	61	37.9	37.1	38.0	37.3						
Savings and loan associations	612	36.8	36.6	36.6	36.3						
Personal credit institutions	614	38.5	37.3	37.9	37.7						
Insurance carriers ..	63	37.8	37.8	37.5	37.5						
Life insurance	631	37.2	37.4	37.1	37.1						
Medical service and health insurance ..	632	38.7	38.2	38.1	38.2						
Fire, marine, and casualty insurance ..	633	37.6	37.9	37.3	37.2						
Services ..		32.5	32.4	32.4	32.4	32.1					
Hotels and other lodging places:											
Hotels, motels, and tourist courts ⁴ ..	701	30.0	29.4	31.1	30.2						
Personal services:											
Laundry, cleaning, and garment services ..	721	34.0	33.6	34.3	34.2						
Beauty shops ⁴	723	29.9	29.5	30.3	30.4						
Business services	73	33.7	33.5	33.4	33.4						
Advertising	731	36.4	35.8	36.4	36.0						
Services to buildings	734	28.5	28.6	28.4	28.2						
Computer and data processing services ..	737	38.5	38.3	38.1	38.0						
Auto repair, services, and garages	75	37.3	37.3	37.4	37.4						
Automotive repair shops	753	38.2	38.3	38.5	38.7						
Miscellaneous repair services ..	76	38.7	38.3	37.8	37.9						
Motion pictures	78	29.1	28.9	28.4	28.1						
Motion picture production and services ..	781	37.2	37.5	35.6	35.0						
Amusement and recreation services	79	28.7	28.2	28.4	28.7						
Health services	80	32.5	32.6	32.4	32.4						
Offices of physicians	801	30.5	30.9	31.0	31.0						
Offices of dentists	802	28.4	28.6	27.6	28.1						
Nursing and personal care facilities	805	31.6	31.5	31.6	31.6						
Hospitals	806	34.3	34.5	34.2	34.2						
Legal services	81	34.9	34.8	34.6	34.8						
Miscellaneous services	89	38.4	38.8	38.3	38.4						
Engineering and architectural services ..	891	39.6	39.6	39.6	39.6						
Accounting, auditing, and bookkeeping ..	893	36.9	38.4	36.8	37.2						

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Retail trade—Continued											
Miscellaneous retail	59	\$5.95	\$6.07	\$6.17	\$6.13		\$189.21	\$182.10	\$185.72	\$191.26	
Drug stores and proprietary stores	591	5.51	5.56	5.70	5.69		159.79	157.90	160.17	162.73	
Miscellaneous shopping goods stores	594	5.49	5.67	5.70	5.64		169.09	160.46	160.74	169.20	
Nonstore retailers	596	6.56	6.69	7.02	7.05		231.57	218.09	232.36	244.64	
Fuel and ice dealers	598	8.91	8.93	8.91	9.04		353.73	354.52	356.40	360.70	
Retail stores, nec	599	6.18	6.24	6.36	6.28		205.18	195.31	201.61	206.61	
Finance, insurance, and real estate⁵		8.15	8.14	8.54	8.49	\$8.61	299.11	296.30	313.42	310.73	\$314.27
Banking	60	7.03	6.99	7.37	7.32		256.60	253.74	269.01	265.72	
Commercial and stock savings banks	602	6.88	6.83	7.15	7.08		251.12	247.93	261.69	257.00	
Credit agencies other than banks	61	7.49	7.45	7.85	7.76		283.87	276.40	298.30	289.45	
Savings and loan associations	612	6.96	6.93	7.43	7.38		256.13	253.64	271.94	267.89	
Personal credit institutions	614	7.21	7.24	7.34	7.28		277.59	270.05	278.19	274.46	
Insurance carriers	63	8.82	8.80	9.30	9.26		333.40	332.64	348.75	347.25	
Life insurance	631	8.29	8.29	8.86	8.82		308.39	310.05	328.71	327.22	
Medical service and health insurance	632	9.10	8.93	9.30	9.32		352.17	341.13	354.33	356.02	
Fire, marine, and casualty insurance	633	9.13	9.13	9.59	9.57		343.29	346.03	357.71	356.00	
Services		8.12	8.12	8.31	8.30	8.35	263.90	263.09	269.24	268.92	268.04
Hotels and other lodging places:											
Hotels, motels, and tourist courts ⁴	701	6.04	6.02	6.09	6.18		181.20	176.99	189.40	186.64	
Personal services:											
Laundry, cleaning, and garment services	721	5.93	5.92	6.03	6.07		201.62	198.91	206.83	207.59	
Beauty shops ⁴	723	6.24	6.15	6.15	6.23		186.58	181.43	186.35	189.39	
Business services	73	8.32	8.37	8.52	8.47		280.38	280.40	284.57	282.90	
Advertising	731	11.09	10.96	11.48	11.28		403.68	392.37	417.87	406.08	
Services to buildings	734	6.33	6.39	6.52	6.44		180.41	182.75	185.17	181.61	
Computer and data processing services	737	11.22	11.43	11.83	11.71		431.97	437.77	450.72	444.98	
Auto repair, services, and garages	75	7.55	7.53	7.68	7.70		281.62	280.87	287.23	287.98	
Automotive repair shops	753	8.16	8.17	8.26	8.29		311.71	312.91	318.01	320.82	
Miscellaneous repair services	76	8.78	8.80	8.92	8.95		339.79	337.04	337.18	339.21	
Motion pictures	78	13.54	13.54	13.22	12.95		394.01	391.31	375.45	363.90	
Motion picture production and services	781	18.62	18.47	17.41	17.31		692.66	692.63	619.80	605.85	
Amusement and recreation services	79	7.32	7.36	7.09	7.20		210.08	207.55	201.36	206.64	
Health services	80	8.20	8.22	8.44	8.44		266.50	267.97	273.46	273.46	
Offices of physicians	801	8.08	8.08	8.32	8.26		246.44	249.67	257.92	256.06	
Offices of dentists	802	8.17	8.16	8.35	8.41		232.03	233.38	230.46	236.32	
Nursing and personal care facilities	805	5.70	5.75	5.81	5.82		180.12	181.13	183.60	183.91	
Hospitals	806	9.17	9.21	9.52	9.54		314.53	317.75	325.58	326.27	
Legal services	81	10.93	10.80	11.65	11.47		381.46	375.84	403.09	399.16	
Miscellaneous services	89	11.77	11.49	11.99	11.87		451.97	445.81	459.22	455.81	
Engineering and architectural services	891	12.69	12.60	12.82	12.77		502.52	498.96	507.67	505.69	
Accounting, auditing, and bookkeeping	893	9.93	9.51	10.23	10.08		366.42	365.18	376.46	374.98	

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 the aircraft industry (SIC 3721).

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 all series in this division.

- Data not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1985 forward are subject to revision.

A Note on Average Hourly Earnings in Aircraft Manufacturing

For many years, the Bureau of Labor Statistics' average hourly earnings series for production workers in aircraft manufacturing (SIC 3721) has been used to escalate labor costs in contracts between aircraft companies and their customers. Although the Bureau's series by definition takes account of traditional wage rate changes, it does not capture "lump-sum payments to workers in lieu of general wage increases" which were negotiated in aircraft manufacturers' collective bargaining agreements beginning in late 1983.

As a service to aircraft companies and other interested parties, BLS has calculated an average hourly earnings series for SIC 3721 which includes lump-sum payments. This series is presented in table C-2a along with the average hourly earnings series produced as part of the Current Employment Statistics program. The series begins in October 1983, the effective date of the first aircraft bargaining agreement using lump-sum payments.

The general practice in the industry has been to make this payment at the beginning of the contract year "in lieu of a wage increase" and to base the amount of the payment on the workers' earnings during the preceding year. As a result, the Bureau considered three approaches to the method for calculating an average hourly earnings series which includes lump-sum payments:

1. The entire payment could be included in the month in which the payment was made.
2. The payments could be prorated backward to payroll periods used to determine the amount of the lump-sum payment.
3. The payments could be prorated forward as an advance

payment for payroll periods in the year following the payment.

The first approach, attractive because it includes the payment in the month in which it is received by the worker, creates 1-month "spikes" and a series which would not be useful for escalation purposes. The second approach, which prorates the payments backward, places emphasis on the determination of the amount of the payment from workers' earnings in the previous year. This approach generally relates the payments to the workers who receive them. However, the Bureau has received statements from both union and company officials who negotiated the agreements covering a majority of the workers in the industry. These statements make clear that the intent of the bargainers was to make an advance payment for the upcoming contract year in lieu of an increase in wage rates for that following year.

Because BLS has a longstanding policy of leaving the interpretation of collective bargaining agreements to the parties involved, the Bureau calculated the inclusion of lump-sum payments using the third method, prorating the payments forward through the years covered by the contract. Because the payments prorated forward under this approach may include payments to workers no longer on the payroll, data provided by the aircraft companies have been used to adjust for this difference.

Lump-sum payments are but one of several recent changes in the way that employees are compensated. The changes are widespread and they differ by industry. Because of these developments, the Bureau plans to conduct a broad-based review of all concepts and definitions used in its earnings and wage programs to determine the proper treatment of lump-sum payments and other new compensation practices.

C-2a. Average hourly earnings in aircraft manufacturing (SIC 3721)

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Average hourly earnings, excluding lump-sum payments													
1983													\$12.93
1984	\$12.91	\$12.82	\$12.88	\$12.85	\$12.81	\$12.78	\$12.87	\$12.89	\$12.87	\$12.97	\$13.04	\$13.05	13.13
1985	13.18	13.01	13.12	13.11	13.04	13.06	13.11	13.05	13.16	13.26	13.35	13.37	13.48
1986	^P 13.47	13.38	13.44	13.46	13.46	13.38	13.42	13.41	13.43	13.48	13.52	13.66	^P 13.59
Average hourly earnings, including lump-sum payments													
1983													\$13.03
1984	\$13.11	\$12.95	\$13.02	\$13.02	\$12.98	\$12.97	\$13.06	\$13.11	\$13.09	\$13.19	\$13.26	\$13.28	13.37
1985	13.40	13.26	13.36	13.33	13.26	13.27	13.33	13.29	13.39	13.48	13.54	13.57	13.68
1986	^P 13.77	13.58	13.64	13.66	13.66	13.58	13.63	13.61	13.63	13.68	14.12	14.23	^P 14.13

^P = preliminary.

^r = revised.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

C-3. Average hourly earnings, excluding overtime¹ of production workers on manufacturing payrolls

Industry	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ^p	Jan. 1987 ^p
Manufacturing	\$9.31	\$9.31	\$9.36	\$9.41	\$9.43
Durable goods	9.86	9.86	9.90	9.94	9.95
Lumber and wood products	8.02	8.01	8.03	7.98	(2)
Furniture and fixtures	7.11	7.14	7.28	7.30	(2)
Stone, clay, and glass products ..	9.45	9.45	9.60	9.64	(2)
Primary metal industries	11.27	11.27	11.29	11.33	(2)
Fabricated metal products	9.46	9.45	9.51	9.58	(2)
Machinery, except electrical	10.07	10.09	10.16	10.18	(2)
Electrical and electronic equipment ..	9.31	9.29	9.40	9.46	(2)
Transportation equipment	12.26	12.23	12.29	12.34	(2)
Instruments and related products ..	9.04	9.04	9.28	9.27	(2)
Miscellaneous manufacturing ..	7.22	7.27	7.38	7.46	(2)
Nondurable goods	8.50	8.52	8.62	8.67	\$8.70
Food and kindred products	8.30	8.33	8.38	8.49	(2)
Tobacco manufactures	11.58	11.72	12.40	12.70	(2)
Textile mill products	6.51	6.54	6.72	6.75	(2)
Apparel and other textile products ..	5.67	5.70	5.69	5.69	(2)
Paper and allied products	10.46	10.45	10.57	10.62	(2)
Printing and publishing	9.52	9.52	9.70	9.72	(2)
Chemicals and allied products ..	11.37	11.39	11.62	11.65	(2)
Petroleum and coal products	13.54	13.62	13.53	13.68	(2)
Rubber and misc. plastics products ..	8.34	8.32	8.41	8.47	(2)
Leather and leather products ..	5.71	5.75	5.82	5.85	(2)

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

² Not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1985 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

C-4. Average hourly and weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls by major industry, in current and constant (1977) dollars.

Industry	Average hourly earnings					Average weekly earnings				
	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ¹	Jan. 1987 ²	Dec. 1985	Jan. 1986	Nov. 1986	Dec. 1986 ¹	Jan. 1987 ²
Total private:										
Current dollars	\$8.71	\$8.72	\$8.85	\$8.83	\$8.88	\$306.59	\$302.58	\$307.10	\$308.17	\$305.47
Constant (1977) dollars	4.89	4.88	4.94	4.92	(³)	172.05	169.32	171.28	171.78	(³)
Mining:										
Current dollars	12.27	12.24	12.57	12.61	\$12.65	537.43	543.46	522.91	534.66	\$535.10
Constant (1977) dollars	6.89	6.85	7.01	7.03	(³)	301.59	304.12	291.64	298.03	(³)
Construction:										
Current dollars	12.47	12.34	12.59	12.71	\$12.57	460.14	459.05	459.54	469.00	\$470.12
Constant (1977) dollars	7.00	6.91	7.02	7.08	(³)	258.22	256.88	256.30	261.43	(³)
Manufacturing:										
Current dollars	9.74	9.70	9.77	9.84	\$9.83	406.16	394.79	400.57	409.34	\$401.06
Constant (1977) dollars	5.47	5.43	5.45	5.48	(³)	227.92	220.92	223.41	228.17	(³)
Transportation and public utilities:										
Current dollars	11.61	11.59	11.75	11.72	\$11.71	460.92	452.01	461.78	459.42	\$446.15
Constant (1977) dollars	6.52	6.49	6.55	6.53	(³)	258.65	252.94	257.55	256.09	(³)
Wholesale trade:										
Current dollars	9.33	9.28	9.46	9.44	\$9.44	360.14	355.42	363.26	363.44	\$359.66
Constant (1977) dollars	5.24	5.20	5.27	5.26	(³)	202.10	198.89	202.60	202.59	(³)
Retail trade:										
Current dollars	5.99	6.03	6.07	6.05	\$6.09	178.50	173.06	176.64	178.48	\$172.35
Constant (1977) dollars	3.36	3.37	3.38	3.37	(³)	100.17	96.84	98.52	99.49	(³)
Finance, insurance, and real estate:										
Current dollars	8.15	8.14	8.54	8.49	\$8.61	299.11	296.30	313.42	310.73	\$314.27
Constant (1977) dollars	4.57	4.55	4.76	4.73	(³)	167.85	165.81	174.80	173.21	(³)
Services:										
Current dollars	8.12	8.12	8.31	8.30	\$8.35	263.90	263.09	269.24	268.92	\$268.04
Constant (1977) dollars	4.56	4.55	4.64	4.63	(³)	148.09	147.22	150.16	149.90	(³)

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

² Not available.

³ = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series. Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced all unadjusted data from April 1985 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

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

Industry	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. ^p	Jan. ^p
Total private	35.0	34.9	34.9	34.8	34.8	34.7	34.7	34.8	34.7	34.7	34.8	34.6	34.7
Mining	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Construction	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Manufacturing	40.8	40.7	40.7	40.7	40.7	40.6	40.6	40.8	40.8	40.7	40.8	40.8	40.9
<i>Overtime hours</i>	3.5	3.4	3.4	3.4	3.4	3.3	3.4	3.5	3.5	3.5	3.5	3.5	3.6
Durable goods	41.5	41.4	41.4	41.3	41.2	41.2	41.1	41.4	41.4	41.3	41.4	41.3	41.5
<i>Overtime hours</i>	3.6	3.5	3.6	3.6	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.5	3.6
Lumber and wood products	40.4	40.0	40.2	40.3	40.3	39.9	40.1	40.2	40.1	40.3	40.7	40.3	40.5
Furniture and fixtures	40.0	39.7	39.4	39.1	39.4	39.4	39.4	39.9	40.0	39.8	39.6	39.6	40.3
Stone, clay, and glass products	42.7	41.9	41.9	42.4	42.3	42.2	42.2	42.5	42.5	42.3	41.9	42.1	42.4
Primary metal industries	41.9	42.1	41.9	41.3	41.7	41.6	41.3	41.9	42.0	42.3	42.4	42.5	42.7
Blast furnaces and basic steel products ..	41.7	41.8	41.7	40.5	41.5	41.1	41.2	41.5	41.6	42.3	42.5	42.7	42.4
Fabricated metal products	41.5	41.5	41.4	41.2	41.1	41.1	41.1	41.2	41.5	41.2	41.4	41.1	41.4
Machinery, except electrical	41.6	41.6	41.6	41.8	41.8	41.7	41.4	41.7	41.7	41.6	41.7	41.6	42.0
Electrical and electronic equipment	41.0	40.9	41.0	41.1	41.0	41.0	41.1	41.2	41.2	40.9	41.0	40.9	40.8
Transportation equipment	42.8	42.7	42.7	42.1	41.9	42.2	42.1	42.6	42.6	42.1	42.3	42.0	42.4
Motor vehicles and equipment	43.6	43.4	43.3	41.9	41.8	42.4	42.4	42.8	42.7	42.1	42.6	42.3	42.9
Instruments and related products	41.1	41.2	41.3	41.3	40.9	41.0	40.8	41.0	40.7	41.1	41.2	41.3	41.4
Miscellaneous manufacturing	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Nondurable goods	39.9	39.7	39.8	39.9	39.9	39.8	39.8	40.0	39.9	39.9	40.1	40.1	40.2
<i>Overtime hours</i>	3.3	3.2	3.2	3.3	3.4	3.2	3.4	3.4	3.3	3.4	3.5	3.5	3.5
Food and kindred products	40.1	39.8	39.9	40.2	40.2	40.0	40.0	40.3	39.7	39.8	40.0	39.9	40.0
Tobacco manufactures	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Textile mill products	40.8	40.6	40.7	41.3	41.1	40.8	40.9	41.4	41.6	41.5	41.5	42.0	41.8
Apparel and other textile products	36.7	36.3	36.5	36.9	36.5	36.5	36.6	36.5	36.7	36.7	36.9	37.0	37.0
Paper and allied products	43.6	43.5	43.5	43.0	43.2	43.1	43.2	43.5	43.0	43.0	43.2	43.2	43.6
Printing and publishing	38.0	38.0	38.0	38.0	38.0	37.8	37.9	38.0	38.0	38.0	38.1	38.0	38.1
Chemicals and allied products	41.9	41.8	41.9	41.9	42.0	41.9	41.9	42.1	42.0	42.2	42.5	42.4	42.6
Petroleum and coal products	43.5	43.7	43.8	43.6	43.4	44.0	43.5	44.3	43.4	43.7	43.8	43.8	43.8
Rubber and misc. plastics products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Leather and leather products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Transportation and public utilities	39.4	39.5	39.6	39.2	39.2	39.1	39.2	39.1	38.9	39.1	39.3	39.0	38.5
Wholesale trade	38.5	38.4	38.5	38.5	38.4	38.3	38.3	38.4	38.2	38.4	38.3	38.3	38.3
Retail trade	29.3	29.3	29.3	29.2	29.2	29.1	29.2	29.2	29.2	29.1	29.3	28.9	28.9
Finance, insurance, and real estate	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Services	32.6	32.6	32.5	32.5	32.5	32.4	32.4	32.4	32.3	32.4	32.5	32.4	32.3

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

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

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

NOTE: Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1982 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

C-6. Indexes of aggregate weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted

(1977 = 100)

Industry	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. ^p	Jan. ^p
Total private	117.8	117.5	117.4	117.8	117.7	117.3	117.9	118.4	118.3	118.6	119.3	119.0	119.8
Goods-producing	100.6	98.8	98.5	99.4	98.8	98.0	98.1	98.9	98.7	98.5	98.8	98.9	100.6
Mining	104.5	99.3	95.0	90.2	85.3	83.4	83.7	83.0	81.2	82.1	81.1	81.2	79.7
Construction	134.1	126.3	126.6	133.7	132.6	130.3	132.2	134.0	134.2	133.0	131.8	132.1	141.0
Manufacturing	93.9	93.5	93.3	93.2	92.9	92.4	92.2	92.9	92.7	92.6	93.3	93.3	93.8
Durable goods	92.6	92.1	91.7	91.5	91.0	90.3	89.9	90.7	90.5	90.1	90.6	90.4	90.9
Lumber and wood products	99.1	98.1	98.6	99.3	99.3	98.5	98.7	99.9	100.5	101.4	103.3	102.8	103.8
Furniture and fixtures	105.7	104.9	104.4	103.6	104.9	104.9	105.2	107.1	107.6	107.3	106.3	106.8	109.2
Stone, clay, and glass products	89.1	87.4	87.4	89.2	88.8	88.2	87.9	88.1	88.3	87.3	86.7	87.8	88.1
Primary metal industries	66.7	66.8	65.6	64.7	64.8	62.7	61.8	61.9	61.8	62.2	62.6	62.9	62.2
Blast furnaces and basic steel products	53.4	55.1	53.6	51.8	52.6	51.6	51.7	49.0	48.4	49.7	49.3	49.5	53.2
Fabricated metal products	91.0	90.6	90.2	90.1	89.4	88.9	88.1	88.5	89.4	88.6	89.0	88.8	89.3
Machinery, except electrical	90.2	89.6	89.3	89.4	88.9	88.3	87.0	87.5	85.8	85.3	85.1	84.8	85.8
Electrical and electronic equipment	103.8	103.2	102.9	103.0	102.8	100.6	102.7	103.2	102.9	102.3	102.9	102.6	102.4
Transportation equipment	98.2	97.9	97.1	95.6	94.2	94.9	93.9	95.9	95.9	94.9	96.3	95.0	95.1
Motor vehicles and equipment	92.1	89.4	88.4	85.3	83.4	84.5	82.5	84.8	84.4	82.1	84.6	83.0	83.2
Instruments and related products	105.3	105.8	106.1	106.1	104.5	104.5	103.5	104.5	103.5	104.2	103.9	104.7	104.7
Miscellaneous manufacturing	82.4	82.4	81.8	81.6	81.2	81.7	80.1	80.1	79.9	79.9	81.3	82.5	84.7
Nondurable goods	95.9	95.5	95.7	95.8	95.7	95.6	95.7	96.1	96.0	96.3	97.2	97.6	98.1
Food and kindred products	98.2	98.2	98.4	99.1	99.5	99.9	99.8	100.1	98.9	99.0	100.6	100.5	101.8
Tobacco manufactures	85.2	82.8	85.4	81.6	82.1	79.5	81.5	72.2	76.6	77.5	78.9	78.8	77.3
Textile mill products	77.6	77.3	77.8	78.4	78.4	77.9	78.5	79.6	79.6	79.9	80.7	81.9	81.7
Apparel and other textile products	87.3	85.5	85.4	86.6	85.2	84.8	85.3	85.0	85.6	85.9	86.4	87.6	87.0
Paper and allied products	102.3	102.0	102.0	101.0	101.7	101.7	101.5	101.6	101.2	102.0	102.7	103.5	104.6
Printing and publishing	126.4	127.0	127.4	127.8	127.8	127.6	128.7	128.6	128.9	129.7	130.2	130.3	131.1
Chemicals and allied products	93.4	93.3	93.4	93.2	92.9	93.2	93.2	94.0	93.4	93.7	94.6	93.7	95.1
Petroleum and coal products	80.6	81.0	80.4	80.1	79.7	80.8	79.1	81.3	78.9	79.4	79.6	79.6	80.4
Rubber and misc. plastics products	112.4	112.1	112.7	111.8	111.8	111.7	110.5	112.6	113.4	113.5	114.8	114.9	114.9
Leather and leather products	62.6	61.3	60.9	58.5	57.5	56.8	56.4	56.9	56.6	56.8	57.5	59.1	59.2
Service-producing	127.3	127.8	127.8	127.9	128.2	128.0	128.9	129.2	129.2	129.7	130.7	130.1	130.4
Transportation and public utilities	107.9	108.0	108.2	106.8	106.8	104.3	106.7	105.7	106.6	107.3	108.6	108.2	106.8
Wholesale trade	119.9	119.8	120.1	120.6	120.2	119.0	119.8	120.2	119.3	119.8	119.5	119.4	119.6
Retail trade	117.8	118.3	118.4	118.1	118.5	118.4	119.1	119.3	119.6	119.7	120.8	119.1	120.2
Finance, insurance, and real estate	133.3	135.4	135.6	135.4	135.8	137.6	137.8	139.1	138.7	139.7	141.1	140.6	141.1
Services	143.2	143.7	143.5	144.2	144.8	145.2	145.9	146.4	146.0	146.8	147.9	148.1	148.2

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.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1982 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
SEASONALLY ADJUSTED**

C-7. The Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, seasonally adjusted

Industry	1986												1987
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. ^p	Jan. ^p
	Hourly Earnings Index ² (1977=100)												
Total private (in current dollars)	167.3	168.2	168.5	168.4	168.7	169.2	168.9	169.3	169.6	170.0	170.8	170.6	170.8
Mining	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Construction	149.7	149.7	149.2	150.6	151.0	151.4	150.8	151.3	151.2	152.6	154.0	153.9	152.3
Manufacturing	170.7	171.3	171.8	172.0	172.5	172.5	172.7	172.9	172.8	173.1	173.2	173.6	173.4
Transportation and public utilities	168.6	169.6	170.2	169.3	170.1	170.7	170.3	170.1	170.8	170.9	171.2	171.1	171.6
Wholesale trade	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Retail trade	157.0	157.3	157.4	157.3	157.2	157.8	157.7	158.5	159.1	159.1	159.3	159.3	158.9
Finance, insurance, and real estate	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Services	171.7	173.1	174.0	173.1	173.4	174.3	173.4	174.3	174.4	175.3	176.6	175.7	176.7
Total private (in constant dollars) ⁴	93.5	94.4	95.1	95.4	95.4	95.2	95.1	95.1	95.0	95.1	95.3	95.0	(^q)
	Average hourly earnings												
Total private	\$8.68	\$8.71	\$8.73	\$8.72	\$8.73	\$8.74	\$8.73	\$8.77	\$8.76	\$8.80	\$8.84	\$8.82	\$8.83
Mining	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Construction	\$12.25	\$12.29	\$12.23	\$12.34	\$12.38	\$12.43	\$12.40	\$12.43	\$12.43	\$12.53	\$12.65	\$12.63	\$12.47
Manufacturing	9.65	9.68	9.70	9.68	9.72	9.71	9.73	9.76	9.74	9.77	9.77	9.78	9.78
Transportation and public utilities	11.56	11.62	11.65	11.58	11.62	11.63	11.62	11.62	11.64	11.67	11.68	11.66	11.67
Wholesale trade	9.22	9.34	9.36	9.27	9.29	9.35	9.31	9.37	9.35	9.39	9.47	9.40	9.37
Retail trade	5.99	5.99	6.01	5.99	5.99	6.00	6.00	6.03	6.05	6.05	6.07	6.07	6.05
Finance, insurance, and real estate	8.10	8.21	8.27	8.28	8.31	8.40	8.33	8.41	8.37	8.41	8.56	8.47	8.57
Services	8.05	8.11	8.16	8.11	8.12	8.17	8.12	8.16	8.17	8.21	8.28	8.23	8.28
	Average weekly earnings												
Total private:													
In current dollars	303.80	303.98	304.68	303.46	303.80	303.28	302.93	305.20	303.97	305.36	307.63	305.17	306.40
In constant (1977) dollars ⁵	169.72	170.58	171.94	171.93	171.83	170.67	170.57	171.46	170.29	170.78	171.67	169.92	(^q)

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

² Excludes the effects of two types of changes that are unrelated to underlying wage rate movements: Fluctuations in overtime in manufacturing and interindustry employment shifts.

³ 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.

⁴ The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series.

⁵ Not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1985 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1982 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		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Alabama	42.0	41.3	41.9	\$8.71	\$8.70	\$8.69	\$365.82	\$359.31	\$364.11
Birmingham	42.5	40.8	41.6	8.92	8.69	8.77	379.10	354.55	364.83
Mobile	42.8	(¹)	(¹)	10.19	(¹)	(¹)	436.13	(¹)	(¹)
Alaska	36.9	36.2	38.1	13.31	\$13.35	\$13.63	491.14	\$483.27	\$519.30
Arizona	41.2	41.3	41.4	9.65	10.08	10.10	397.58	416.30	418.14
Phoenix	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Tucson	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Arkansas	40.4	40.3	41.0	7.71	7.90	7.95	311.48	318.37	325.95
Fayetteville-Springdale	39.5	41.0	41.5	7.01	7.03	7.03	276.90	288.23	291.75
Fort Smith	39.6	41.4	42.5	8.18	8.22	8.20	323.93	340.31	348.50
Little Rock-North Little Rock	42.3	40.9	41.7	8.38	8.53	8.44	354.47	348.88	351.95
Pine Bluff	41.9	(¹)	(¹)	9.83	(¹)	(¹)	411.88	(¹)	(¹)
California	41.2	40.7	40.9	10.38	\$10.50	\$10.57	427.66	\$427.35	\$432.31
Colorado	40.7	40.1	40.2	9.57	9.57	9.59	389.50	383.76	385.52
Denver	41.0	(¹)	(¹)	10.30	(¹)	(¹)	422.30	(¹)	(¹)
Connecticut	42.6	42.2	42.4	9.76	\$10.16	\$10.23	415.78	\$428.75	\$433.75
Bridgeport-Milford	42.5	41.7	41.9	10.09	10.49	10.65	428.82	437.43	446.23
Hartford	43.0	42.2	42.7	10.24	10.53	10.60	440.32	444.37	452.62
New Britain	42.9	(¹)	(¹)	9.79	(¹)	(¹)	419.99	(¹)	(¹)
New Haven-Meriden	42.3	41.5	41.8	9.18	\$9.86	\$9.94	388.31	\$409.19	\$415.49
Stamford	42.8	(¹)	(¹)	10.03	(¹)	(¹)	429.28	(¹)	(¹)
Waterbury	44.3	43.3	43.2	8.45	\$8.60	\$8.73	374.34	\$372.38	\$377.14
Delaware	41.3	41.6	42.6	10.18	10.25	10.53	420.43	426.40	448.58
Wilmington	42.0	42.0	42.7	11.90	12.20	12.55	499.80	512.40	535.89
District of Columbia:									
Washington MSA	39.0	39.7	39.0	10.73	10.47	10.44	418.47	415.66	407.16
Florida	42.5	41.4	42.2	8.06	8.06	8.17	342.55	333.68	344.77
Fort Lauderdale-Hollywood-Pompano Beach	42.6	(¹)	(¹)	7.72	(¹)	(¹)	328.87	(¹)	(¹)
Jacksonville	43.3	41.4	41.8	8.12	\$8.43	\$8.58	351.60	\$349.00	\$358.64
Lakeland-Winter Haven	43.0	(¹)	(¹)	7.75	(¹)	(¹)	333.25	(¹)	(¹)
Miami-Hialeah	39.9	39.5	40.9	6.95	\$7.00	\$7.04	277.31	\$276.50	\$287.94
Orlando	42.8	42.0	41.7	8.36	8.49	8.57	357.81	356.58	357.37
Pensacola	43.5	(¹)	(¹)	9.84	(¹)	(¹)	428.04	(¹)	(¹)
Tampa-St. Petersburg-Clearwater	41.3	40.9	40.8	7.71	\$7.53	\$7.55	318.42	\$307.98	\$308.04
West Palm Beach-Boca Raton-DeLray Beach	42.3	(¹)	(¹)	8.22	(¹)	(¹)	347.71	(¹)	(¹)
Georgia	42.1	41.2	42.2	8.28	\$8.26	\$8.46	348.59	\$340.31	\$357.01
Atlanta	41.8	(¹)	(¹)	9.71	(¹)	(¹)	405.88	(¹)	(¹)
Savannah	46.4	(¹)	(¹)	10.45	(¹)	(¹)	484.88	(¹)	(¹)
Hawaii	39.5	39.7	39.7	8.81	\$9.06	\$9.05	348.00	\$359.68	\$359.29
Honolulu	39.6	40.0	39.5	8.96	9.41	9.30	354.82	376.40	367.35
Idaho	38.8	38.6	38.6	9.45	9.79	9.75	366.66	377.89	376.35
Illinois	41.9	41.0	41.3	10.57	10.69	10.69	442.88	438.29	441.50
Aurora-Elgin	38.8	(¹)	(¹)	9.98	(¹)	(¹)	387.22	(¹)	(¹)
Bloomington-Normal	42.6	39.6	40.4	10.85	\$10.51	\$10.73	462.21	\$416.20	\$433.49
Champaign-Urbana-Rantoul	40.5	40.2	41.8	9.27	9.19	9.38	375.44	369.44	392.08
Chicago	42.6	41.8	42.1	10.25	10.41	10.38	436.65	435.14	437.00
Davenport-Rock Island-Moline	41.0	37.6	39.4	12.86	11.71	11.66	527.26	440.30	459.40
Decatur	41.5	41.4	40.4	13.59	13.88	13.85	563.99	574.63	559.54
Joliet	41.3	(¹)	(¹)	11.47	(¹)	(¹)	473.71	(¹)	(¹)
Kankakee	38.3	(¹)	(¹)	9.94	(¹)	(¹)	380.70	(¹)	(¹)
Lake County	41.0	(¹)	(¹)	10.17	(¹)	(¹)	416.97	(¹)	(¹)
Peoria	43.2	41.2	41.2	10.85	\$12.83	\$12.87	468.72	\$528.60	\$530.24
Rockford	43.7	43.8	43.7	11.11	11.24	11.33	485.51	492.31	495.12
Springfield	42.1	42.2	40.6	11.70	11.99	11.99	492.57	505.98	486.79

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		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Indiana	42.4	41.7	42.3	\$10.94	\$10.81	\$10.87	\$463.86	\$450.78	\$459.80
Gary-Hammond	41.8	(¹)	(¹)	14.00	(¹)	(¹)	585.20	(¹)	(¹)
Indianapolis	43.4	(¹)	(¹)	11.36	(¹)	(¹)	493.02	(¹)	(¹)
Iowa	40.8	40.6	41.4	10.56	\$10.05	\$10.18	430.85	\$408.03	\$421.45
Cedar Rapids	41.8	39.6	43.3	11.43	11.28	11.52	477.77	446.69	498.82
Des Moines	40.1	39.5	38.9	11.58	11.22	11.05	464.36	443.19	429.85
Dubuque	38.9	(¹)	(¹)	11.99	(¹)	(¹)	466.41	(¹)	(¹)
Sioux City	36.9	38.4	39.6	8.39	\$8.47	\$8.51	309.59	\$325.25	\$337.00
Kansas	40.8	40.4	41.0	9.70	9.96	9.97	395.76	402.38	408.77
Topeka	40.9	39.5	40.2	11.26	10.64	10.54	460.53	420.28	423.71
Wichita	41.9	41.3	42.2	10.40	10.80	10.84	435.76	446.04	457.45
Kentucky	40.0	40.0	40.2	9.66	10.07	10.04	386.40	402.80	403.61
Lexington-Fayette	40.9	(¹)	(¹)	10.14	(¹)	(¹)	414.73	(¹)	(¹)
Louisville	41.7	42.2	42.1	10.83	\$11.30	\$11.33	451.61	\$476.86	\$476.99
Louisiana	42.7	42.3	42.8	10.50	10.48	10.57	448.35	443.30	452.40
Baton Rouge	43.2	43.4	42.6	11.82	11.80	12.15	510.62	512.12	517.59
New Orleans	41.9	40.4	41.2	10.60	10.54	10.50	444.14	425.82	432.60
Shreveport	39.3	42.1	44.6	10.44	11.60	11.96	410.29	488.36	533.42
Maine	41.3	40.8	41.5	8.78	8.93	8.77	362.61	364.34	363.96
Lewiston-Auburn	39.2	(¹)	(¹)	6.98	(¹)	(¹)	273.62	(¹)	(¹)
Portland	39.2	39.4	40.0	9.26	\$9.54	\$9.31	362.99	\$375.88	\$372.40
Maryland	41.4	40.8	41.7	10.00	10.08	10.09	414.00	411.26	420.75
Baltimore MSA	42.4	(¹)	(¹)	10.46	(¹)	(¹)	443.50	(¹)	(¹)
Massachusetts	42.3	41.1	41.5	9.13	\$9.40	\$9.54	386.20	\$386.34	\$395.91
Boston	41.5	40.6	41.2	9.87	10.30	10.36	409.61	418.18	426.83
Brockton	41.0	(¹)	(¹)	7.29	(¹)	(¹)	298.89	(¹)	(¹)
Fall River	36.6	(¹)	(¹)	6.94	(¹)	(¹)	254.00	(¹)	(¹)
Lawrence-Haverhill	39.6	(¹)	(¹)	9.03	(¹)	(¹)	357.59	(¹)	(¹)
Lowell	42.3	(¹)	(¹)	8.53	(¹)	(¹)	360.82	(¹)	(¹)
New Bedford	39.9	(¹)	(¹)	7.97	(¹)	(¹)	318.00	(¹)	(¹)
Springfield	42.9	42.4	42.3	9.07	\$9.01	\$9.05	389.10	\$382.02	\$382.82
Worcester	40.8	40.4	40.7	9.32	9.53	9.58	380.26	385.01	389.91
Michigan	44.5	42.3	43.7	12.81	12.72	12.82	570.04	538.06	560.23
Ann Arbor	45.4	44.4	46.4	13.59	13.88	14.03	616.99	616.27	650.99
Battle Creek	42.0	(¹)	(¹)	13.51	(¹)	(¹)	567.42	(¹)	(¹)
Detroit	45.5	43.7	44.9	13.69	\$13.69	\$13.79	622.89	\$598.25	\$619.17
Flint	46.5	42.6	43.3	14.29	14.45	14.61	664.48	615.57	632.61
Grand Rapids	42.3	40.4	41.8	10.73	10.67	10.67	453.88	431.07	446.01
Jackson	41.9	(¹)	(¹)	10.08	(¹)	(¹)	422.35	(¹)	(¹)
Kalamazoo	44.6	43.1	44.3	11.90	\$11.86	\$11.94	530.74	\$511.17	\$528.94
Lansing-East Lansing	42.5	42.7	44.3	14.52	14.19	14.25	617.10	605.91	631.27
Muskegon	41.1	(¹)	(¹)	11.17	(¹)	(¹)	459.09	(¹)	(¹)
Saginaw-Bay City-Midland	45.2	42.8	44.2	14.47	\$13.91	\$13.83	654.04	\$595.35	\$611.29
Minnesota	41.3	40.4	41.2	10.27	10.18	10.30	424.15	411.27	424.36
Duluth	38.1	36.0	36.6	10.65	11.00	10.88	405.77	396.00	398.21
Minneapolis-St. Paul	41.5	40.1	41.1	11.13	10.97	11.04	461.90	439.90	453.74
St. Cloud	41.8	38.3	39.1	9.80	8.87	8.84	409.64	339.72	345.64
Mississippi	41.6	40.1	40.7	7.38	7.51	7.58	307.01	301.15	308.51
Jackson	41.9	39.7	40.9	8.35	8.33	8.58	349.87	330.70	350.92
Missouri	41.5	40.8	42.0	9.91	9.82	9.81	411.27	400.66	412.02
Kansas City	41.8	41.3	42.2	11.39	11.35	11.42	476.10	468.76	481.92
St. Joseph	39.0	(¹)	(¹)	9.35	(¹)	(¹)	364.65	(¹)	(¹)
St. Louis	42.1	40.4	42.3	11.39	\$11.21	\$11.12	479.52	\$452.88	\$470.38
Springfield	42.3	40.6	42.6	9.02	8.71	8.72	381.55	353.63	371.47
Montana	41.0	39.3	38.8	11.17	10.52	10.47	457.97	413.44	406.24

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		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Nebraska	40.6	39.9	40.4	\$9.17	\$9.39	\$9.38	\$372.30	\$374.66	\$378.95
Lincoln	39.2	41.2	40.8	9.98	9.95	9.83	391.22	409.94	401.06
Omaha	42.2	39.9	40.3	9.68	9.97	10.00	408.50	397.80	403.00
Nevada	40.9	41.2	41.8	9.27	9.48	9.70	379.14	390.58	405.46
Las Vegas	40.5	40.0	40.7	10.92	11.19	11.57	442.26	447.60	470.90
New Hampshire	41.6	42.0	42.3	8.66	8.94	8.98	360.26	375.48	379.85
Manchester	41.2	(¹)	(¹)	8.52	(¹)	(¹)	351.02	(¹)	(¹)
Nashua	41.7	42.1	41.3	10.26	\$10.53	\$10.67	427.84	\$443.31	\$440.67
New Jersey	41.4	41.2	41.2	10.12	10.27	10.34	418.97	423.12	426.01
Atlantic City	39.6	(¹)	(¹)	9.14	(¹)	(¹)	361.94	(¹)	(¹)
Bergen-Passaic	40.9	(¹)	(¹)	9.60	(¹)	(¹)	392.64	(¹)	(¹)
Camden	42.4	(¹)	(¹)	10.28	(¹)	(¹)	435.87	(¹)	(¹)
Jersey City	39.6	(¹)	(¹)	8.93	(¹)	(¹)	353.63	(¹)	(¹)
Middlesex-Somerset-Hunterdon	42.8	(¹)	(¹)	10.79	(¹)	(¹)	461.81	(¹)	(¹)
Newark	40.8	(¹)	(¹)	9.90	(¹)	(¹)	403.92	(¹)	(¹)
Trenton	41.3	(¹)	(¹)	10.82	(¹)	(¹)	446.87	(¹)	(¹)
New Mexico	42.0	39.5	40.3	8.70	\$8.77	\$8.60	365.40	\$346.42	\$346.58
Albuquerque	43.7	(¹)	(¹)	8.67	(¹)	(¹)	378.88	(¹)	(¹)
New York	40.8	40.4	40.6	9.95	\$9.96	\$10.06	405.96	\$402.38	\$408.44
Albany-Schenectady-Troy	41.9	40.9	41.2	9.98	10.29	10.43	418.16	420.86	429.72
Binghamton	40.5	40.7	41.0	8.77	9.05	9.06	355.19	368.34	371.46
Buffalo	43.1	42.9	43.4	12.41	11.82	11.99	534.87	507.08	520.37
Elmira	42.2	(¹)	(¹)	9.37	(¹)	(¹)	395.41	(¹)	(¹)
Glens Falls	43.3	(¹)	(¹)	9.33	(¹)	(¹)	403.99	(¹)	(¹)
Monroe County	43.8	(¹)	(¹)	12.99	(¹)	(¹)	568.96	(¹)	(¹)
Nassau-Suffolk	40.8	40.7	40.8	9.68	\$10.22	\$10.15	394.94	\$415.95	\$414.12
New York PMSA	38.1	37.9	38.1	9.14	9.30	9.38	348.23	352.47	357.38
New York City	37.6	37.5	37.8	8.96	9.12	9.19	336.90	342.00	347.38
Niagara Falls	44.1	42.3	41.9	13.01	12.79	12.73	573.74	541.02	533.39
Orange County	38.4	(¹)	(¹)	7.58	(¹)	(¹)	291.07	(¹)	(¹)
Poughkeepsie	42.6	(¹)	(¹)	8.91	(¹)	(¹)	379.57	(¹)	(¹)
Rochester	43.4	42.4	42.8	12.09	\$11.99	\$12.06	524.71	\$508.38	\$516.17
Rockland County	42.0	41.0	40.5	9.07	9.78	9.80	380.94	400.98	396.90
Syracuse	41.6	41.9	42.0	11.07	11.22	11.41	460.51	470.12	479.22
Utica-Rome	43.7	42.6	43.5	8.88	9.38	9.56	388.06	399.59	415.86
Westchester County	40.5	39.7	39.6	10.55	10.47	10.69	427.28	415.66	423.32
North Carolina	41.3	41.3	41.8	7.46	7.64	7.70	308.10	315.53	321.86
Asheville	43.6	(¹)	(¹)	7.46	(¹)	(¹)	325.26	(¹)	(¹)
Charlotte-Gastonia-Rock Hill	41.5	42.4	42.6	7.54	\$7.89	\$7.88	312.91	\$334.54	\$335.69
Greensboro-Winston-Salem-High Point	40.6	40.8	40.8	8.26	8.47	8.48	335.36	345.58	345.98
Raleigh-Durham	42.5	41.9	42.4	8.39	8.63	8.69	356.58	361.60	368.46
North Dakota	39.3	39.0	39.0	8.23	8.28	8.35	323.44	322.92	325.65
Fargo-Moorhead	39.9	(¹)	(¹)	8.53	(¹)	(¹)	340.35	(¹)	(¹)
Ohio	43.0	42.6	43.2	11.64	\$11.67	\$11.77	500.52	\$497.14	\$508.46
Akron	44.1	43.2	43.7	11.21	11.38	11.48	494.36	491.62	501.68
Canton	40.2	(¹)	(¹)	11.16	(¹)	(¹)	448.63	(¹)	(¹)
Cincinnati	42.5	43.3	43.0	10.82	\$10.96	\$10.92	459.85	\$474.57	\$469.56
Cleveland	42.3	43.1	43.7	11.35	11.61	11.60	480.11	500.39	506.92
Columbus	41.8	41.3	41.5	11.08	11.33	11.43	463.14	467.93	474.35
Dayton-Springfield	44.6	42.4	42.4	12.33	11.93	11.97	549.92	505.83	507.53
Toledo	43.2	42.1	43.2	12.45	12.47	12.63	537.84	524.99	545.62
Youngstown-Warren	44.3	(¹)	(¹)	13.87	(¹)	(¹)	614.44	(¹)	(¹)
Oklahoma	42.0	41.5	42.2	10.12	\$9.79	\$9.74	425.04	\$406.29	\$411.03
Oklahoma City	43.0	40.6	41.4	11.24	10.95	10.97	483.32	444.57	454.16
Tulsa	40.4	40.8	41.1	10.38	10.53	10.49	419.35	429.62	431.14
Oregon	39.1	39.3	39.9	10.65	10.53	10.52	416.42	413.83	419.75
Eugene-Springfield	40.1	39.9	40.8	10.86	10.42	10.58	435.49	415.76	431.66
Portland	38.4	39.3	39.7	10.59	10.83	10.83	406.66	425.62	429.95
Salem	36.6	36.7	38.1	9.39	9.01	9.34	343.67	330.67	355.85

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		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Pennsylvania	41.0	40.8	41.2	\$9.74	\$9.78	\$9.86	\$399.34	\$399.02	\$406.23
Allentown-Bethlehem	38.9	39.3	39.4	10.36	10.29	10.41	403.00	404.40	410.15
Altoona	39.7	(¹)	(¹)	8.68	(¹)	(¹)	344.60	(¹)	(¹)
Beaver County	40.2	40.3	40.4	11.39	\$11.22	\$11.07	457.88	\$452.17	\$447.23
Delaware Valley	41.3	40.6	41.1	10.20	10.20	10.31	421.26	414.12	423.74
Erie	43.0	(¹)	(¹)	10.34	(¹)	(¹)	444.62	(¹)	(¹)
Harrisburg-Lebanon-Carlisle	40.3	39.8	40.5	9.19	\$9.30	\$9.33	370.36	\$370.14	\$377.87
Johnstown	35.5	(¹)	(¹)	8.16	(¹)	(¹)	289.68	(¹)	(¹)
Lancaster	41.5	41.1	41.1	9.57	\$9.80	\$9.78	397.16	\$402.78	\$401.96
Philadelphia PMSA	41.5	40.7	41.2	10.21	10.26	10.31	423.72	417.58	424.77
Pittsburgh	41.8	41.6	42.4	11.15	10.94	11.06	466.07	455.10	468.94
Reading	39.9	41.5	41.7	9.86	9.85	9.99	393.41	408.78	416.58
Scranton-Wilkes-Barre	38.4	37.6	37.9	8.40	8.57	8.63	322.56	322.23	327.08
Williamsport	42.3	(¹)	(¹)	8.61	(¹)	(¹)	364.20	(¹)	(¹)
York	42.3	41.9	42.2	9.05	\$9.27	\$9.31	382.82	\$388.41	\$392.88
Rhode Island	41.0	40.6	40.8	7.74	8.01	8.04	317.34	325.21	328.03
Pawtucket-Woonsocket-Attleboro	41.0	(¹)	(¹)	7.31	(¹)	(¹)	299.71	(¹)	(¹)
Providence	41.0	(¹)	(¹)	7.65	(¹)	(¹)	313.65	(¹)	(¹)
South Carolina	42.2	41.6	42.2	7.81	\$7.99	\$8.06	329.58	\$332.38	\$340.13
Charleston	46.1	(¹)	(¹)	9.31	(¹)	(¹)	429.19	(¹)	(¹)
Columbia	41.9	40.2	41.0	7.68	\$7.80	\$7.82	321.79	\$313.56	\$320.62
Greenville-Spartanburg	43.1	41.9	42.4	7.56	7.87	7.99	325.84	329.75	338.78
South Dakota	42.8	42.4	42.0	7.68	7.82	8.06	328.70	331.57	338.52
Sioux Falls	45.8	46.9	44.9	7.76	8.03	8.18	355.41	376.61	367.28
Tennessee	42.7	41.5	41.7	8.59	8.67	8.68	366.79	359.81	361.96
Chattanooga	43.2	41.7	41.6	7.34	7.81	7.77	317.09	325.68	323.23
Johnson City-Kingsport-Bristol	46.3	(¹)	(¹)	9.13	(¹)	(¹)	422.72	(¹)	(¹)
Knoxville	41.2	39.7	39.2	9.34	\$8.91	\$8.77	384.81	\$353.73	\$343.78
Memphis	43.6	41.8	41.9	8.71	8.81	8.82	379.76	368.26	369.56
Nashville	40.8	41.0	41.0	9.43	9.76	9.92	384.74	400.16	406.72
Texas	42.1	41.5	42.2	9.52	9.65	9.70	400.79	400.48	409.34
Dallas	42.9	42.0	42.8	9.39	9.50	9.54	402.83	399.00	408.31
Ft. Worth-Arlington	41.2	41.7	42.5	9.57	9.76	9.94	394.28	406.99	422.45
Houston	43.4	43.6	44.0	11.26	11.21	11.21	488.68	488.76	493.24
San Antonio	41.5	41.7	41.7	7.30	7.46	7.59	302.95	311.08	316.50
Utah	41.5	40.4	39.5	9.59	9.69	9.81	397.99	391.48	387.50
Salt Lake City-Ogden	40.4	41.0	39.9	9.53	9.66	9.65	385.01	396.06	385.04
Vermont	41.7	40.4	42.4	8.71	8.88	8.87	363.21	358.75	376.09
Burlington	43.4	43.5	45.3	9.58	9.61	9.69	415.77	418.04	438.96
Springfield	44.9	(¹)	(¹)	8.72	(¹)	(¹)	391.53	(¹)	(¹)
Virginia	41.2	41.0	41.3	8.71	\$8.95	\$9.00	358.85	\$366.95	\$371.70
Bristol	40.3	41.0	40.5	7.35	7.52	7.53	296.21	308.32	304.97
Charlottesville	40.1	(¹)	(¹)	7.11	(¹)	(¹)	285.11	(¹)	(¹)
Danville	40.2	(¹)	(¹)	8.26	(¹)	(¹)	332.05	(¹)	(¹)
Lynchburg	40.0	41.8	42.3	8.37	\$8.49	\$8.43	334.80	\$354.88	\$356.59
Northern Virginia	40.5	42.0	41.8	9.00	9.48	9.55	364.50	398.16	399.19
Richmond-Petersburg	41.3	41.4	41.9	10.88	11.53	11.45	449.34	477.34	479.76
Roanoke	42.5	40.9	42.3	7.82	8.42	8.40	332.35	344.38	355.32
Washington	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)

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		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
West Virginia	40.3	41.1	41.1	\$10.35	\$10.42	\$10.33	\$417.11	\$428.26	\$424.56
Charleston	41.6	42.7	43.7	13.22	13.32	12.71	549.95	568.76	555.43
Huntington-Ashland	39.5	39.9	40.2	11.75	11.77	12.11	464.13	469.62	486.82
Parkersburg-Marietta	42.5	43.8	41.3	11.89	12.48	12.45	505.33	546.62	514.19
Wheeling	40.6	(¹)	(¹)	11.67	(¹)	(¹)	473.80	(¹)	(¹)
Wisconsin	42.5	41.9	42.0	10.55	\$10.48	\$10.54	448.38	\$439.11	\$442.68
Appleton-Oshkosh	45.4	42.8	42.6	10.27	10.55	10.64	466.26	451.54	453.26
Eau Claire	40.2	41.1	41.0	10.39	10.45	10.43	417.68	429.50	427.63
Green Bay	44.2	42.1	42.4	11.48	11.39	11.66	507.42	479.52	494.38
Janesville-Beloit	44.3	41.0	39.1	12.68	12.24	12.06	561.72	501.84	471.55
Kenosha	40.4	(¹)	(¹)	11.94	(¹)	(¹)	482.38	(¹)	(¹)
La Crosse	41.2	40.1	39.4	9.27	\$9.35	\$9.41	381.92	\$374.94	\$370.75
Madison	41.8	40.5	40.5	9.84	9.76	9.83	411.31	395.28	398.12
Milwaukee	42.5	41.8	42.3	11.82	11.72	11.69	502.35	489.90	494.49
Racine	40.5	41.5	41.9	10.82	10.77	10.83	438.21	446.96	453.78
Sheboygan	41.6	(¹)	(¹)	9.39	(¹)	(¹)	390.62	(¹)	(¹)
Wausau	42.2	(¹)	(¹)	9.87	(¹)	(¹)	416.51	(¹)	(¹)
Wyoming	39.7	37.5	39.4	9.51	\$9.67	\$9.52	377.55	\$362.63	\$375.09
Puerto Rico	39.1	38.9	39.1	5.22	5.33	5.33	204.10	207.34	208.40
Virgin Islands	42.1	43.0	42.8	9.60	9.36	9.74	404.16	402.48	416.87

¹ Publication of data has been suspended because of budget cuts.

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 1985 benchmarks except Michigan. Data for Michigan have been adjusted to December 1984 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		
	Nov. 1986 ^r	Dec. 1986 ^r	Jan. 1987 ^p	Jan. 1986 to Jan. 1987 ^p	Nov. 1986 to Dec. 1986 ^r	Dec. 1986 to Jan. 1987 ^p
Total	188,583	188,447	189,158	1.9	-0.1	0.4
Private sector	154,647	154,346	155,427	1.8	-2	.7
Mining	1,601	1,619	1,624	-22.2	1.1	.3
Construction	9,644	9,671	10,340	5.5	.3	6.9
Manufacturing	40,634	40,722	40,802	-.4	.2	.2
Durable goods	24,202	24,215	24,239	-1.7	.1	.1
Nondurable goods	16,433	16,507	16,562	1.5	.5	.3
Transportation and public utilities	10,962	10,910	10,760	-.7	-5	-1.4
Wholesale trade	11,676	11,654	11,700	.3	-2	.4
Retail trade	27,720	27,350	27,622	2.1	-1.3	1.0
Finance, insurance, and real estate	12,296	12,309	12,339	6.3	.1	.2
Services	40,114	40,110	40,240	4.1	.0	.3
Government	33,936	34,102	33,731	2.4	.5	-1.1

¹ Total hours paid for 1 week in the month, seasonally adjusted, multiplied by 52.

^p = preliminary.

^r = revised.

NOTE: Data refer to hours of all employees—production workers,

nonsupervisory workers, and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 2134-1, chapter 13, Productivity Measures: Business Economy and Major Sectors.

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

(1977 = 100)

Item	Annual average		Quarterly index										
	1985	1986 ^P	1984			1985				1986			
			II	III	IV	I	II	III	IV	I	II	III ^F	IV ^P
Business sector													
Output per hour of all persons	106.4	107.1	105.6	105.5	105.5	105.7	106.4	107.3	106.4	107.3	107.4	107.3	106.7
Output	122.7	125.8	119.0	119.5	120.2	121.3	122.3	123.5	123.8	125.3	125.4	126.0	126.7
Hours	115.3	117.5	112.7	113.3	114.0	114.8	115.0	115.2	116.4	116.8	116.7	117.4	118.7
Compensation per hour	175.3	180.9	167.1	169.0	170.6	172.3	174.5	176.4	178.0	179.1	180.4	181.7	182.8
Real compensation per hour	98.8	100.0	97.9	98.1	98.2	98.4	98.7	99.1	99.0	99.2	100.3	100.4	100.3
Unit labor costs	164.8	168.9	158.3	160.2	161.7	163.1	164.0	164.4	167.3	167.0	168.0	169.3	171.3
Unit nonlabor payments	159.7	161.7	156.7	157.0	157.7	158.3	160.0	161.4	159.6	162.2	161.9	163.4	159.5
Implicit price deflator	163.0	166.4	157.7	159.0	160.3	161.4	162.6	163.4	164.6	165.3	165.8	167.2	167.1
Nonfarm business sector													
Output per hour of all persons	104.8	105.5	104.6	104.4	104.3	104.4	104.9	105.4	104.5	105.6	105.7	105.7	105.2
Output	122.5	125.8	119.1	119.5	120.2	121.1	122.1	123.3	123.6	125.1	125.3	126.1	126.9
Hours	116.9	119.3	113.8	114.5	115.2	116.0	116.4	116.9	118.2	118.5	118.5	119.4	120.6
Compensation per hour	174.6	179.9	166.9	168.7	170.4	172.1	174.0	175.4	177.0	178.3	179.3	180.4	181.7
Real compensation per hour	98.4	99.4	97.8	98.0	98.1	98.2	98.4	98.5	98.4	98.8	99.8	99.7	99.8
Unit labor costs	166.7	170.5	159.5	161.5	163.3	164.8	165.9	166.3	169.3	168.8	169.6	170.7	172.7
Unit nonlabor payments	160.6	163.9	156.4	157.2	157.9	158.9	160.8	163.0	160.3	163.9	163.7	165.9	162.1
Implicit price deflator	164.6	168.2	158.4	160.0	161.4	162.7	164.1	165.2	166.2	167.1	167.5	169.0	169.0
Manufacturing													
Output per hour of all persons	121.7	125.0	115.7	117.8	118.2	119.3	121.7	123.0	122.9	123.7	124.7	125.8	125.9
Output	120.4	123.4	115.3	117.4	117.9	118.8	119.9	121.2	121.9	122.8	122.7	123.6	124.7
Hours	98.9	98.7	99.7	99.7	99.7	99.6	98.5	98.5	99.1	99.3	98.4	98.2	99.1
Compensation per hour	176.7	181.9	166.8	169.1	171.5	173.8	175.6	178.1	179.3	180.2	181.4	182.5	183.5
Real compensation per hour	99.5	100.5	97.8	98.2	98.7	99.2	99.3	100.0	99.7	99.8	100.9	100.9	100.7
Unit labor costs	145.1	145.5	144.2	143.5	145.1	145.7	144.3	144.8	145.8	145.7	145.5	145.1	145.8
Durable goods													
Output per hour of all persons	124.6	127.9	115.4	118.3	119.1	121.4	124.4	126.3	126.4	127.1	127.4	128.6	128.8
Output	124.7	126.6	115.6	119.1	120.5	122.6	124.1	125.6	126.4	126.9	125.7	126.2	127.4
Hours	100.1	98.9	100.2	100.7	101.2	100.9	99.8	99.5	100.0	99.9	98.7	98.2	98.9
Compensation per hour	174.9	180.7	165.3	167.2	169.4	172.0	173.2	176.5	178.0	178.9	180.2	181.3	182.6
Real compensation per hour	98.5	99.9	96.9	97.1	97.5	98.2	97.9	99.2	98.9	99.1	100.2	100.2	100.2
Unit labor costs	140.3	141.3	143.3	141.4	142.3	141.6	139.2	139.8	140.8	140.8	141.4	141.0	141.8
Nondurable goods													
Output per hour of all persons	117.3	120.7	116.1	117.0	116.8	116.0	117.5	118.0	117.6	118.6	120.7	121.7	121.6
Output	114.1	118.8	114.9	114.8	114.0	113.2	113.6	114.5	115.1	116.7	118.2	119.6	120.8
Hours	97.3	98.5	99.0	98.1	97.6	97.6	96.7	97.0	97.9	98.3	97.9	98.2	99.3
Compensation per hour	179.4	183.9	169.2	171.9	174.6	176.5	179.4	180.4	181.3	182.2	183.5	184.8	185.0
Real compensation per hour	101.0	101.6	99.2	99.8	100.5	100.8	101.5	101.3	100.8	100.9	102.1	102.1	101.6
Unit labor costs	152.9	152.4	145.7	146.9	149.4	152.1	152.7	152.8	154.1	153.6	152.1	151.8	152.2
Nonfinancial corporations													
Output per all-employee hour	106.8	(¹)	105.9	105.5	105.8	106.0	106.5	107.8	107.0	106.9	106.8	106.9	(¹)
Output	124.8	(¹)	120.5	120.9	122.1	123.1	124.2	126.0	126.1	126.9	126.6	127.0	(¹)
Hours	116.9	(¹)	113.7	114.6	115.5	116.1	116.6	116.8	117.8	118.7	118.5	118.8	(¹)
Compensation per hour	172.3	(¹)	164.8	166.6	168.3	169.9	171.6	173.1	174.5	175.4	176.1	176.8	(¹)
Real compensation per hour	97.0	(¹)	96.6	96.7	96.8	97.0	97.0	97.2	97.0	97.1	97.9	97.7	(¹)
Total unit costs	165.8	(¹)	160.1	162.6	163.8	164.9	165.8	165.0	167.2	168.3	168.6	169.8	(¹)
Unit labor costs	161.2	(¹)	155.7	157.9	159.1	160.3	161.1	160.5	163.0	164.0	164.8	165.4	(¹)
Unit nonlabor costs	179.1	(¹)	173.1	176.4	177.5	178.5	179.8	178.3	179.8	181.1	179.9	182.6	(¹)
Unit profits	133.1	(¹)	138.5	130.3	130.5	129.3	130.2	141.7	131.2	131.7	132.3	135.8	(¹)
Implicit price deflator	161.8	(¹)	157.5	158.7	159.8	160.6	161.6	162.2	162.9	164.0	164.3	165.7	(¹)

¹ Not available.
^P = preliminary.

= revised.
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 1985	IV 1985	I 1986	II 1986	III 1986 ^r	IV 1986 ^p	III 1985	IV 1985	I 1986	II 1986	III 1986 ^r	IV 1986 ^p
Business sector												
Output per hour of all persons	3.4	-3.2	3.3	0.5	-0.4	-2.3	1.7	0.9	1.5	1.0	0.0	0.3
Output	4.1	1.0	4.7	.3	2.0	2.1	3.4	3.0	3.3	2.5	2.0	2.3
Hours .....	.7	4.3	1.4	-2	2.4	4.5	1.7	2.1	1.8	1.6	2.0	2.0
Compensation per hour	4.4	3.8	2.5	2.8	2.9	2.4	4.4	4.4	3.9	3.4	3.0	2.7
Real compensation per hour	1.8	-5	1.0	4.5	.3	-4	1.0	.8	.8	1.7	1.3	1.4
Unit labor costs	1.0	7.2	-7	2.3	3.3	4.9	2.6	3.4	2.4	2.4	3.0	2.4
Unit nonlabor payments	3.7	-4.3	6.6	-7	3.7	-9.1	2.8	1.2	2.5	1.2	1.2	.0
Implicit price deflator	1.9	3.0	1.8	1.2	3.4	-2	2.7	2.7	2.4	2.0	2.4	1.6
Nonfarm business sector												
Output per hour of all persons	2.2	-3.5	4.3	.5	-3	-1.7	1.0	.2	1.2	.8	.2	.7
Output	4.0	1.0	5.1	.6	2.6	2.4	3.1	2.8	3.3	2.7	2.3	2.7
Hours	1.8	4.6	.8	.1	2.9	4.2	2.1	2.6	2.1	1.8	2.1	2.0
Compensation per hour	3.2	3.7	3.1	2.3	2.3	3.1	4.0	3.9	3.6	3.1	2.8	2.7
Real compensation per hour .....	.7	-6	1.6	4.0	-2	.2	.6	.3	.5	1.4	1.2	1.4
Unit labor costs	1.0	7.4	-1.2	1.8	2.6	4.9	3.0	3.7	2.5	2.2	2.6	2.0
Unit nonlabor payments	5.7	-6.6	9.3	-6	5.5	-8.8	3.7	1.5	3.1	1.8	1.7	1.1
Implicit price deflator	2.6	2.4	2.3	1.0	3.6	.0	3.2	2.9	2.7	2.1	2.3	1.7
Manufacturing												
Output per hour of all persons	4.4	-3	2.6	3.2	3.6	.2	4.4	4.0	3.7	2.5	2.3	2.4
Output	4.3	2.4	3.0	-4	2.9	3.8	3.2	3.4	3.4	2.3	2.0	2.3
Hours	-1	2.7	.4	-3.5	-6	3.7	-1.2	-6	-3	-2	-3	-1
Compensation per hour	5.6	2.8	2.1	2.7	2.4	2.1	5.3	4.5	3.7	3.3	2.5	2.3
Real compensation per hour	3.0	-1.4	.6	4.4	-1	-7	1.9	1.0	.6	1.6	.8	1.0
Unit labor costs	1.2	3.0	-5	-5	-1.1	1.9	.9	.5	.0	.8	.2	-1
Durable goods												
Output per hour of all persons	6.1	.5	2.1	1.0	3.7	.7	6.8	6.2	4.7	2.4	1.8	1.9
Output	4.9	2.7	1.5	-3.8	1.8	3.7	5.4	5.0	3.5	1.3	.5	.8
Hours	-1.1	2.2	-6	-4.8	-1.8	3.0	-1.2	-1.1	-1.1	-1.1	-1.3	-1.1
Compensation per hour	7.8	3.3	2.2	2.8	2.5	3.1	5.6	5.0	4.1	4.0	2.7	2.6
Real compensation per hour	5.1	-9	.7	4.5	-1	.2	2.1	1.5	.9	2.3	1.0	1.3
Unit labor costs	1.6	2.8	.1	1.7	-1.2	2.4	-1.1	-1.1	-6	1.6	.9	.8
Nondurable goods												
Output per hour of all persons	1.8	-1.4	3.5	7.0	3.6	-5	.9	.7	2.2	2.7	3.1	3.4
Output	3.3	1.9	5.6	5.3	4.8	4.0	-3	1.0	3.1	4.0	4.4	4.9
Hours	1.5	3.4	2.0	-1.6	1.2	4.6	-1.1	.3	.8	1.3	1.2	1.5
Compensation per hour	2.1	1.9	2.2	2.9	2.7	.6	4.9	3.8	3.3	2.3	2.4	2.1
Real compensation per hour	-4	-2.3	.7	4.6	.1	-2.2	1.5	.3	.2	.6	.8	.8
Unit labor costs .....	.3	3.4	-1.3	-3.9	-9	1.1	4.0	3.1	1.0	-4	-7	-1.2
Nonfinancial corporations												
Output per all-employee hour	4.9	-2.8	-5	-3	.2	(¹)	2.2	1.2	.9	.3	-9	(¹)
Output	5.9	.5	2.6	-1.1	1.3	(¹)	4.2	3.3	3.2	2.0	.8	(¹)
Hours	1.0	3.4	3.1	-8	1.2	(¹)	2.0	2.1	2.2	1.7	1.7	(¹)
Compensation per hour	3.4	3.3	2.0	1.6	1.8	(¹)	3.9	3.7	3.2	2.6	2.2	(¹)
Real compensation per hour .....	.9	-9	.5	3.3	-8	(¹)	.5	.2	.2	.9	.5	(¹)
Total unit costs	-1.9	5.5	2.7	.6	2.8	(¹)	1.5	2.1	2.1	1.7	2.9	(¹)
Unit labor costs	-1.4	6.3	2.5	1.9	1.6	(¹)	1.6	2.4	2.3	2.3	3.1	(¹)
Unit nonlabor costs	-3.3	3.3	3.1	-2.7	6.1	(¹)	1.1	1.3	1.5	.0	2.4	(¹)
Unit profits	40.1	-26.4	1.3	2.0	11.0	(¹)	8.7	.6	1.8	1.6	-4.2	(¹)
Implicit price deflator	1.7	1.7	2.5	.7	3.6	(¹)	2.2	2.0	2.1	1.7	2.1	(¹)

¹ Not available.
² =preliminary.

^r =revised.
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		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Alabama	1,797.5	1,904.8	1,886.5	149.3	186.6	179.6	8.3	9.8	9.5
Birmingham	418.9	448.9	445.3	27.0	37.7	36.5	6.4	8.4	8.2
Huntsville	119.0	127.6	127.1	6.6	9.6	9.2	5.5	7.5	7.3
Mobile	204.0	212.9	212.9	18.2	22.4	22.3	8.9	10.5	10.5
Montgomery	127.8	134.1	132.5	8.7	11.1	9.9	6.8	8.3	7.4
Tuscaloosa	65.5	70.1	69.7	4.3	5.2	5.2	6.5	7.5	7.5
Alaska	248.0	246.3	244.4	25.2	27.0	27.0	10.2	11.0	11.0
Arizona	1,519.5	1,619.9	1,612.9	92.8	114.9	114.2	6.1	7.1	7.1
Phoenix	940.8	1,008.3	1,005.8	46.8	59.8	60.2	5.0	5.9	6.0
Tucson	299.8	313.9	311.5	15.0	19.4	19.2	5.0	6.2	6.2
Arkansas	1,042.7	1,092.4	1,067.2	91.1	97.7	92.8	8.7	8.9	8.7
Fayetteville-Springdale	53.1	56.3	55.0	2.8	2.5	2.6	5.2	4.5	4.7
Fort Smith	84.6	87.7	87.4	6.7	6.1	6.0	7.9	6.9	6.9
Little Rock-North Little Rock	247.7	255.4	254.1	15.2	20.3	18.2	6.1	8.0	7.2
Pine Bluff	35.4	37.5	35.8	2.8	3.3	3.5	8.0	8.7	9.8
California¹	12,922.9	13,464.6	13,308.3	809.7	879.8	838.2	6.3	6.5	6.3
Anaheim-Santa Ana	1,182.9	1,240.5	1,233.1	45.2	49.0	45.4	3.8	4.0	3.7
Bakersfield	214.9	214.2	212.6	23.9	28.4	26.7	11.1	13.2	12.6
Fresno	275.3	282.1	287.0	35.4	36.4	35.5	12.9	12.9	12.4
Los Angeles-Long Beach ¹	4,013.0	4,179.0	4,131.0	219.0	268.0	247.0	5.4	6.4	6.0
Modesto	138.4	147.7	144.3	19.2	20.4	20.1	13.9	13.8	13.9
Oakland	988.0	1,033.1	1,019.0	53.0	57.3	54.3	5.4	5.5	5.3
Oxnard-Ventura	309.1	324.8	318.5	21.7	23.5	21.4	7.0	7.2	6.7
Riverside-San Bernardino	784.5	831.8	824.6	48.3	53.1	49.6	6.2	6.4	6.0
Sacramento	626.2	659.3	647.1	38.8	40.0	40.2	6.2	6.1	6.2
Salinas-Seaside-Monterey	144.6	150.6	151.5	17.2	15.4	17.8	11.9	10.2	11.8
San Diego	971.6	1,014.9	999.1	44.3	51.5	47.5	4.6	5.1	4.8
San Francisco	859.0	881.0	871.0	36.1	37.1	35.3	4.2	4.2	4.1
San Jose	798.2	817.5	808.4	43.0	44.7	41.4	5.4	5.5	5.1
Santa Barbara-Santa Maria-Lompoc	169.2	175.7	172.8	9.0	9.6	9.3	5.3	5.5	5.4
Santa Rosa-Petaluma	173.0	177.5	175.2	9.7	9.4	9.1	5.6	5.3	5.2
Stockton	174.1	185.6	182.0	21.8	22.1	21.9	12.5	11.9	12.0
Vallejo-Fairfield-Napa	166.3	177.3	174.8	10.6	11.8	11.1	6.4	6.6	6.4
Colorado	1,733.1	1,704.8	1,706.8	107.0	131.3	136.1	6.2	7.7	8.0
Boulder-Longmont	130.8	132.4	132.0	7.0	7.5	7.9	5.4	5.7	6.0
Denver	918.0	901.2	900.5	49.4	65.1	66.8	5.4	7.2	7.4
Connecticut	1,739.8	1,783.6	1,767.2	79.5	60.2	61.3	4.6	3.4	3.5
Bridgeport-Milford	231.7	239.1	237.4	12.5	10.1	10.1	5.4	4.2	4.3
Hartford	414.1	426.6	424.0	17.7	12.8	13.7	4.3	3.0	3.2
New Britain	72.8	73.8	73.2	3.8	2.8	3.1	5.2	3.8	4.2
New Haven-Meriden	269.1	274.9	270.4	12.0	9.1	8.5	4.5	3.3	3.2
Stamford	117.8	121.1	119.9	3.9	2.9	2.9	3.3	2.4	2.4
Waterbury	105.3	104.2	103.4	6.5	5.0	5.1	6.2	4.8	4.9
Delaware	315.8	323.2	323.9	14.6	10.4	10.1	4.6	3.2	3.1
Wilmington	280.7	283.3	286.5	12.4	10.7	10.8	4.4	3.8	3.8
District of Columbia	323.7	323.7	323.9	25.9	25.6	25.6	8.0	7.9	7.9
Washington	2,027.6	2,080.5	2,075.2	74.6	73.8	73.5	3.7	3.5	3.5
Florida¹	5,391.2	5,694.0	5,709.9	299.9	319.4	263.5	5.6	5.6	4.6
Daytona Beach	132.5	144.7	144.7	6.6	7.5	6.6	5.0	5.2	4.5
Fort Lauderdale-Hollywood-Pompano Beach	567.0	594.3	598.0	25.4	26.0	20.9	4.5	4.4	3.5
Fort Myers-Cape Coral	116.8	127.8	130.0	4.9	5.1	4.1	4.2	4.0	3.2
Gainesville	94.7	102.0	102.3	3.1	3.5	3.0	3.3	3.4	3.0
Jacksonville	405.8	437.7	438.8	20.2	22.4	18.7	5.0	5.1	4.3
Lakeland-Winter Haven	168.1	173.5	171.7	15.8	16.7	12.8	9.4	9.6	7.5
Melbourne-Titusville-Palm Bay	165.7	170.1	167.3	7.4	12.0	9.5	4.5	7.1	5.7
Miami-Hialeah	885.5	915.4	915.2	61.7	58.5	45.4	7.0	6.4	5.0
Orlando	486.6	531.2	533.4	21.4	24.7	20.0	4.4	4.7	3.8
Pensacola	138.6	144.9	146.8	9.1	9.1	10.4	6.6	6.3	7.1
Sarasota	103.0	108.0	108.4	4.9	4.0	3.7	4.7	3.7	3.4
Tallahassee	110.6	119.1	118.5	4.1	4.2	3.8	3.7	3.5	3.2
Tampa-St. Petersburg-Clearwater	877.3	921.0	926.9	42.2	47.2	41.4	4.8	5.1	4.5
West Palm Beach-Boca Raton-Delray Beach	354.4	380.1	381.6	18.4	20.4	15.4	5.2	5.4	4.0

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		
	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a
Georgia	2,885.1	3,029.5	3,028.9	177.5	172.8	171.4	6.2	5.7	5.7
Albany	55.2	55.6	55.2	4.9	6.2	5.9	9.0	11.1	10.7
Athens	67.3	71.0	69.9	3.5	3.3	3.6	5.3	4.7	5.2
Atlanta	1,329.1	1,421.8	1,427.9	64.4	65.4	63.4	4.8	4.6	4.4
Augusta	164.8	170.1	168.9	9.4	10.4	10.5	5.7	6.1	6.2
Columbus	97.3	98.0	98.1	8.1	7.2	7.1	8.3	7.4	7.2
Macon-Warner Robins	124.6	126.4	125.6	7.8	7.3	7.1	6.3	5.8	5.6
Savannah	104.0	107.7	108.3	6.9	6.8	6.6	6.6	6.3	6.1
Hawaii	486.8	492.0	491.7	24.6	21.9	20.3	5.1	4.5	4.1
Honolulu	367.7	370.6	370.0	16.7	15.3	13.9	4.6	4.1	3.8
Idaho	463.9	475.3	467.3	36.2	38.8	42.5	7.8	8.2	9.1
Boise City	102.8	105.8	105.2	5.8	8.0	6.6	5.6	5.7	6.3
Illinois¹	5,658.5	5,643.7	5,626.3	471.7	392.2	391.4	8.3	6.9	7.0
Aurora-Elgin	167.6	169.4	170.5	12.2	9.2	9.6	7.3	5.4	5.6
Bloomington-Normal	60.7	62.1	62.0	3.7	2.9	3.0	6.1	4.7	4.8
Champaign-Urbana-Rantoul	81.5	83.1	82.7	4.2	3.4	3.4	5.2	4.1	4.1
Chicago	3,108.1	3,103.9	3,105.7	234.0	199.2	194.4	7.5	6.4	6.3
Davenport-Rock Island-Moline	172.3	173.6	170.3	17.2	14.6	14.0	10.0	8.4	8.2
Decatur	58.2	57.3	57.2	6.1	5.2	4.9	10.4	9.1	8.6
Joliet	186.2	184.9	184.3	14.4	12.2	13.2	7.7	6.6	7.2
Kankakee	43.7	42.7	42.9	4.7	3.5	3.6	10.8	8.2	8.3
Lake County	251.9	255.6	254.8	14.2	11.4	11.5	5.6	4.5	4.5
Peoria	150.3	146.6	147.3	14.7	10.9	11.7	9.8	7.5	7.9
Rockford	140.4	141.4	140.7	12.7	11.4	10.9	9.0	8.1	7.8
Springfield	101.0	101.0	100.3	6.8	5.1	5.1	6.7	5.0	5.1
Indiana	2,776.4	2,818.7	2,783.0	215.3	169.5	171.3	7.8	6.0	6.2
Anderson	63.1	62.0	61.4	5.0	3.5	3.8	8.0	5.7	6.1
Elkhart-Goshen	89.5	91.6	91.1	6.1	3.8	4.3	6.8	4.2	4.7
Evansville	146.1	145.8	144.2	11.5	8.7	9.1	7.9	6.0	6.3
Fort Wayne	187.1	191.6	190.9	12.2	8.8	9.3	6.5	4.6	4.9
Gary-Hammond	267.7	266.3	262.1	30.4	31.2	29.9	11.4	11.7	11.4
Indianapolis	644.7	661.8	654.9	38.3	30.5	30.1	5.9	4.6	4.6
Lafayette	66.3	67.6	66.7	3.1	2.2	2.3	4.6	3.2	3.4
Muncie	60.5	61.1	60.2	4.9	4.0	4.0	8.1	6.5	6.7
South Bend-Mishawaka	128.1	129.8	128.8	8.6	6.3	6.4	6.7	4.8	5.0
Terre Haute	62.3	61.6	60.9	5.1	3.7	3.9	8.2	6.1	6.5
Iowa	1,373.3	1,450.0	1,430.5	111.8	89.5	89.5	8.1	6.2	6.3
Cedar Rapids	86.4	90.9	91.3	6.3	4.9	4.6	7.3	5.3	5.0
Des Moines	204.5	214.6	214.8	13.7	11.1	10.6	6.7	5.2	4.9
Dubuque	41.5	(²)	(²)	3.9	(²)	(²)	9.4	(²)	(²)
Iowa City	54.3	(²)	(²)	1.6	(²)	(²)	2.9	(²)	(²)
Sioux City	55.7	57.5	57.2	4.8	4.4	4.0	8.6	7.7	7.1
Waterloo-Cedar Falls	67.9	70.2	69.2	8.8	7.6	7.0	13.0	10.8	10.1
Kansas	1,238.0	1,240.1	1,231.2	63.4	66.7	68.8	5.1	5.4	5.6
Lawrence	37.3	(²)	(²)	1.4	(²)	(²)	3.9	(²)	(²)
Topeka	86.3	86.9	87.1	4.5	4.3	4.4	5.2	4.9	5.0
Wichita	224.3	225.9	225.7	12.0	13.3	13.6	5.3	5.9	6.0
Kentucky	1,709.7	1,720.3	1,695.8	162.0	136.0	147.3	9.5	7.9	8.7
Lexington-Fayette	179.3	180.9	176.8	8.9	8.4	9.4	5.0	4.6	5.3
Louisville	497.2	507.0	502.3	36.4	30.4	31.9	7.3	6.0	6.4
Owensboro	45.9	44.7	44.2	5.4	3.9	4.5	11.7	8.7	10.2
Louisiana	1,963.0	1,975.4	1,958.3	222.8	269.3	268.0	11.3	13.6	13.7
Alexandria	58.1	(²)	(²)	5.7	(²)	(²)	9.7	(²)	(²)
Baton Rouge	256.8	262.7	260.8	27.2	28.5	28.7	10.6	10.8	11.0
Houma-Thibodaux	78.4	76.4	75.3	8.5	14.8	14.4	10.8	19.4	19.1
Lafayette	109.4	107.0	105.1	9.7	16.7	16.4	8.9	15.6	15.6
Lake Charles	73.4	72.5	71.6	9.5	10.8	10.8	12.9	14.8	15.0
Monroe	68.5	69.9	70.0	6.7	7.6	7.7	9.8	10.8	11.0
New Orleans	597.6	587.6	590.8	60.8	67.2	66.0	10.2	11.4	11.2
Shreveport	167.8	166.5	164.5	19.4	21.6	21.8	11.6	13.0	13.2
Maine	555.4	558.6	550.0	27.3	24.5	25.5	4.9	4.4	4.6
Lewiston-Auburn	40.4	39.8	39.2	2.7	2.2	2.2	6.6	5.4	5.5
Portland	113.1	115.9	114.6	3.0	3.0	3.1	2.6	2.6	2.7
Maryland	2,283.3	2,375.2	2,374.6	100.4	108.3	112.6	4.4	4.6	4.7
Baltimore	1,117.7	1,152.5	1,155.4	57.4	60.5	63.2	5.1	5.2	5.5

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		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Massachusetts¹	3,060.9	3,079.4	3,085.4	118.2	112.4	96.4	3.9	3.6	3.1
Boston	1,518.9	1,533.8	1,539.6	48.5	46.8	39.5	3.2	3.1	2.6
Brockton	96.1	96.2	97.3	3.9	3.9	3.4	4.1	4.0	3.5
Fall River	77.6	76.6	76.4	5.1	4.5	4.2	6.5	5.9	5.5
Fitchburg-Leominster	47.3	47.1	47.7	2.1	2.3	2.1	4.4	5.0	4.3
Lawrence-Haverhill	187.8	186.9	186.8	8.6	8.5	7.6	4.6	4.6	4.1
Lowell	150.7	153.3	153.0	5.4	6.3	5.2	3.6	4.1	3.4
New Bedford	88.6	88.2	87.8	5.9	5.2	4.5	6.6	5.9	5.1
Pittsfield	40.1	40.8	40.8	1.7	1.7	1.5	4.3	4.1	3.6
Springfield	246.7	244.8	246.1	11.5	9.6	8.4	4.7	3.9	3.4
Worcester	205.5	204.7	206.2	7.7	7.2	6.2	3.7	3.5	3.0
Michigan¹	4,354.6	4,463.1	4,469.6	328.8	358.7	340.0	7.6	8.0	7.6
Ann Arbor	150.7	155.8	157.2	6.2	6.1	5.8	4.1	3.9	3.6
Battle Creek	62.2	(²)	(²)	4.8	(²)	(²)	7.8	(²)	(²)
Benton Harbor	74.1	(²)	(²)	5.9	(²)	(²)	7.9	(²)	(²)
Detroit	2,109.5	2,179.1	2,184.9	141.5	166.7	153.2	6.7	7.7	7.0
Flint	198.1	202.5	199.9	15.6	20.9	18.9	7.9	10.3	9.5
Grand Rapids	337.1	339.6	340.1	22.4	23.6	22.7	6.7	6.9	6.7
Jackson	62.2	(²)	(²)	5.0	(²)	(²)	8.0	(²)	(²)
Kalamazoo	110.6	113.1	114.0	5.6	6.0	6.1	5.1	5.3	5.4
Lansing-East Lansing	231.9	238.7	238.7	15.5	14.8	14.1	6.7	6.2	5.9
Muskegon	67.9	(²)	(²)	6.5	(²)	(²)	9.6	(²)	(²)
Saginaw-Bay City-Midland	180.5	186.2	187.0	14.9	17.4	16.3	8.3	9.4	8.7
Minnesota	2,236.7	2,257.4	2,234.7	151.8	116.3	125.5	6.8	5.2	5.6
Duluth	104.7	105.9	106.4	14.4	9.8	10.9	13.7	9.2	10.2
Minneapolis-St. Paul	1,325.9	1,350.1	1,347.0	65.6	53.8	55.9	4.9	4.0	4.2
Rochester	58.3	(²)	(²)	2.9	(²)	(²)	5.0	(²)	(²)
St. Cloud	84.3	90.0	88.8	6.5	5.8	6.1	7.7	6.5	6.8
Mississippi	1,111.3	1,163.6	1,153.3	104.8	133.8	135.1	9.4	11.5	11.7
Jackson	187.3	196.3	196.0	12.0	16.2	16.1	6.4	8.3	8.2
Missouri	2,493.9	2,566.1	2,544.6	163.5	154.9	152.7	6.6	6.0	6.0
Kansas City	818.3	812.7	811.3	38.9	37.1	36.3	4.8	4.6	4.5
St. Joseph	42.3	(²)	(²)	3.0	(²)	(²)	7.0	(²)	(²)
St. Louis	1,227.5	1,256.7	1,250.3	85.2	83.7	81.0	6.9	6.7	6.5
Springfield	114.3	121.7	121.1	6.0	5.9	5.8	5.3	4.8	4.8
Montana	393.0	402.7	402.9	32.2	33.4	34.0	8.2	8.3	8.4
Nebraska	809.3	815.4	808.6	48.2	41.0	43.7	6.0	5.0	5.4
Lincoln	118.7	117.3	116.2	4.6	3.8	4.0	3.8	3.2	3.4
Omaha	314.5	312.3	313.8	19.0	16.8	17.3	6.1	5.4	5.5
Nevada	517.6	540.5	542.7	44.5	29.6	32.3	8.6	5.5	5.9
Las Vegas	298.0	311.3	314.3	26.4	17.8	19.2	8.9	5.7	6.1
Reno	130.8	137.2	137.4	10.0	6.5	7.4	7.7	4.7	5.4
New Hampshire	554.1	559.2	559.0	16.8	14.0	13.8	3.0	2.5	2.5
Manchester	83.9	(²)	(²)	1.8	(²)	(²)	2.2	(²)	(²)
Nashua	91.1	90.0	90.4	2.8	2.2	2.1	3.1	2.4	2.3
New Jersey¹	3,844.9	3,902.2	3,866.1	207.5	159.0	151.9	5.4	4.1	3.9
Atlantic City	158.6	(²)	(²)	15.3	(²)	(²)	9.6	(²)	(²)
Bergen-Passaic	702.3	711.3	708.3	34.0	26.2	25.0	4.8	3.7	3.5
Jersey City	267.5	268.1	264.8	22.6	16.7	16.9	8.4	6.2	6.4
Middlesex-Somerset-Hunterdon	527.9	541.1	534.6	21.9	15.9	14.9	4.2	2.9	2.8
Monmouth-Ocean	436.1	453.6	449.9	19.5	15.3	14.6	4.5	3.4	3.2
Newark	957.7	961.6	952.0	53.7	42.1	38.8	5.6	4.4	4.1
Trenton	165.0	170.7	169.5	6.5	5.6	5.5	3.9	3.4	3.2
Vineland-Milville-Bridgeton	56.3	(²)	(²)	6.3	(²)	(²)	11.2	(²)	(²)
New Mexico	652.6	677.7	676.1	56.7	62.5	62.8	8.7	9.2	9.3
Albuquerque	244.9	256.3	260.1	15.9	17.1	16.7	6.5	6.6	6.4
Las Cruces	54.0	58.3	56.2	4.0	3.9	3.7	7.3	6.8	6.6
Santa Fe	60.3	62.2	62.0	3.1	3.6	3.7	5.1	5.7	5.9

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		
	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a	Dec. 1985	Nov. 1986	Dec. 1986 ^a
New York¹	8,448.2	8,406.8	8,458.3	499.7	449.6	460.4	5.9	5.3	5.4
Albany-Schenectady-Troy	405.5	406.4	408.1	20.4	18.7	19.4	5.0	4.6	4.8
Binghamton	126.8	124.7	125.2	7.5	6.1	6.1	5.9	4.9	4.9
Buffalo	437.8	440.2	440.7	29.3	27.2	27.5	6.7	6.2	6.3
Elmira	39.8	40.5	40.3	2.9	2.2	2.2	7.3	5.5	5.6
Glens Falls	48.9	49.5	49.1	3.6	3.7	3.4	7.4	7.5	6.9
Nassau-Suffolk	1,412.0	1,412.6	1,424.7	53.7	53.3	51.2	3.8	3.8	3.6
New York	3,949.9	3,895.8	3,934.9	254.5	217.3	223.3	6.4	5.6	5.7
New York City ¹	3,295.0	3,239.0	3,275.0	235.0	198.0	204.0	7.1	6.1	6.2
Orange County	122.7	123.6	123.8	6.1	5.4	5.4	5.0	4.4	4.3
Poughkeepsie	126.9	126.0	126.5	4.4	4.1	4.0	3.4	3.3	3.2
Rochester	491.2	494.6	492.7	24.1	26.7	25.6	4.9	5.2	5.2
Syracuse	311.3	314.8	316.3	17.8	21.0	22.0	5.7	6.7	7.0
Utica-Rome	134.9	132.1	132.7	10.0	7.9	8.9	7.4	6.0	6.7
North Carolina¹	3,191.0	3,194.1	3,208.6	134.3	173.1	154.8	4.2	5.4	4.8
Asheville	89.8	85.4	85.8	3.1	4.6	4.3	3.5	5.4	5.0
Charlotte-Gastonia-Rock Hill	593.9	594.0	595.2	23.3	27.3	23.8	3.9	4.6	4.0
Greensboro-Winston-Salem-High Point	511.1	505.4	508.3	17.9	23.0	19.3	3.5	4.5	3.8
Raleigh-Durham	388.6	386.5	388.3	8.3	14.0	12.0	2.1	3.6	3.1
North Dakota	323.0	317.4	310.9	20.6	19.5	18.8	6.4	6.1	6.1
Bismarck	44.5	43.1	43.1	3.4	2.7	2.8	7.6	6.3	6.4
Fargo-Moorhead	82.6	83.0	82.1	4.0	2.8	2.8	4.9	3.4	3.4
Grand Forks	35.3	35.1	35.0	1.2	1.3	1.2	3.5	3.7	3.3
Ohio¹	5,156.4	5,279.3	5,256.4	435.8	387.9	417.8	8.5	7.3	7.9
Akron	319.9	328.5	327.6	26.9	23.3	25.2	8.4	7.1	7.7
Canton	192.1	(²)	(²)	20.3	(²)	(²)	10.6	(²)	(²)
Cincinnati	716.7	737.5	735.8	47.6	42.4	45.6	6.6	5.7	6.2
Cleveland	923.1	936.3	933.4	71.1	61.9	65.3	7.7	6.6	7.0
Columbus	665.3	698.6	694.1	41.0	38.8	40.1	6.2	5.6	5.8
Dayton-Springfield	453.7	466.7	464.9	31.9	28.2	30.0	7.0	6.0	6.5
Toledo	300.4	309.6	308.7	22.2	22.6	24.3	7.4	7.3	7.9
Youngstown-Warren	223.0	(²)	(²)	25.2	(²)	(²)	11.3	(²)	(²)
Oklahoma	1,557.6	1,594.1	1,585.0	110.6	123.7	120.4	7.1	7.8	7.6
Enid	31.0	(²)	(²)	2.2	(²)	(²)	7.0	(²)	(²)
Lawton	47.1	47.3	47.6	2.5	2.4	2.5	5.3	5.0	5.2
Oklahoma City	509.2	511.6	510.6	29.1	32.8	31.3	5.7	6.4	6.1
Tulsa	342.5	356.5	354.4	25.2	28.6	27.8	7.3	8.0	7.9
Oregon	1,334.3	1,403.0	1,388.8	119.1	104.5	98.1	8.9	7.4	7.1
Eugene-Springfield	132.0	138.8	(²)	11.8	9.8	(²)	8.9	7.1	(²)
Portland	609.6	637.4	(²)	44.6	41.5	(²)	7.3	6.5	(²)
Salem	119.0	131.3	(²)	10.8	9.9	(²)	9.1	7.6	(²)
Pennsylvania¹	5,544.6	5,561.3	5,438.9	405.4	332.0	256.4	7.3	6.0	4.7
Allentown-Bethlehem	314.9	309.8	303.3	25.8	17.6	13.2	8.2	5.7	4.4
Altoona	58.2	58.2	56.7	5.6	4.6	3.7	9.7	7.9	6.5
Beaver County	66.7	64.8	62.9	9.7	7.0	5.4	14.6	10.8	8.7
Erie	126.0	127.7	124.4	9.9	9.8	7.7	7.9	7.7	6.2
Harrisburg-Lebanon-Carlisle	297.2	299.9	294.1	15.6	10.9	8.1	5.2	3.6	2.8
Johnstown	94.9	92.2	89.8	12.5	7.9	6.5	13.1	8.5	7.3
Lancaster	200.4	205.8	201.8	8.5	5.6	4.3	4.2	2.7	2.1
Philadelphia	2,316.0	2,343.8	2,311.3	119.8	106.1	82.8	5.2	4.5	3.6
Pittsburgh	963.2	963.6	940.6	77.9	69.6	54.8	8.1	7.2	5.8
Reading	167.0	166.3	163.4	10.7	7.5	5.9	6.4	4.5	3.6
Scranton-Wilkes-Barre	335.2	335.6	327.8	30.8	24.5	20.3	9.2	7.3	6.2
Sharon	49.2	49.0	47.4	4.1	4.0	3.0	8.3	8.1	6.3
State College	54.9	57.4	54.8	4.0	3.1	2.5	7.3	5.5	4.5
Williamsport	54.7	55.2	53.9	4.5	3.5	2.9	8.2	6.3	5.3
York	201.6	203.3	198.8	11.3	8.8	6.4	5.6	4.3	3.2
Rhode Island	504.3	513.4	516.0	22.9	19.3	20.8	4.5	3.8	4.0
Pawtucket-Woonsocket-Attleboro	166.0	166.5	167.3	8.9	7.2	7.5	5.3	4.3	4.5
Providence	328.1	333.9	335.7	14.0	12.2	12.9	4.3	3.7	3.8
South Carolina	1,564.5	1,639.5	1,619.7	99.4	92.1	90.7	6.4	5.6	5.6
Charleston	208.6	226.7	225.0	8.4	9.9	9.7	4.0	4.3	4.3
Columbia	213.9	231.1	229.5	7.4	8.1	7.5	3.4	3.5	3.3
Greenville-Spartanburg	311.6	324.6	322.2	16.8	14.8	14.6	5.4	4.5	4.5
South Dakota	337.1	350.1	343.0	20.3	20.6	17.8	6.0	5.9	5.2
Rapid City	37.2	39.9	39.5	2.4	2.2	2.0	6.5	5.6	5.2
Sioux Falls	68.2	71.2	70.4	3.4	3.9	3.2	5.0	5.5	4.5

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		
	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P	Dec. 1985	Nov. 1986	Dec. 1986 ^P
Tennessee	2,269.2	2,338.6	2,319.8	177.7	180.9	180.0	7.8	7.7	7.8
Chattanooga	205.6	204.7	207.5	14.3	13.2	13.9	6.9	6.5	6.7
Johnson City-Kingsport-Bristol	213.2	215.7	216.4	14.8	15.2	14.4	6.9	7.1	6.7
Knoxville	270.0	280.7	277.9	21.0	22.1	22.7	7.8	7.9	8.2
Memphis LMA	422.8	433.4	430.1	28.9	30.4	28.8	6.8	7.0	6.7
Nashville	492.5	505.8	503.1	22.1	24.0	23.1	4.5	4.7	4.6
Texas¹	7,993.5	8,215.2	8,253.7	505.0	725.9	718.6	6.3	8.8	8.7
Abilene	56.5	56.9	57.5	3.6	5.1	5.0	6.4	9.0	8.6
Amarillo	100.5	101.3	101.3	6.7	6.5	6.2	6.6	6.4	6.1
Austin	418.9	429.0	431.6	16.6	25.2	25.5	4.0	5.9	5.9
Beaumont-Port Arthur	162.0	157.8	158.3	18.6	20.2	19.7	11.5	12.8	12.5
Brazoria	78.6	79.3	80.0	6.2	8.4	8.4	7.8	10.6	10.5
Brownsville-Harlingen	89.4	93.6	94.4	11.4	13.6	14.0	12.8	14.5	14.8
Bryan-College Station	57.2	(²)	(²)	2.7	(²)	(²)	4.7	(²)	(²)
Corpus Christi	164.2	169.4	170.3	14.0	20.6	20.3	8.5	12.2	11.9
Dallas	1,355.3	1,405.9	1,403.5	57.6	82.8	81.6	4.3	5.9	5.8
El Paso	210.2	217.7	219.4	19.0	24.4	24.4	9.0	11.2	11.1
Fort Worth-Arlington	629.2	646.8	653.1	29.3	42.9	42.4	4.6	6.6	6.5
Galveston-Texas City	105.5	106.3	106.9	9.5	11.7	11.3	9.0	11.0	10.5
Houston	1,630.4	1,653.1	1,660.4	110.8	165.5	160.3	6.8	10.0	9.7
Killeen-Temple	85.0	88.0	88.5	5.6	6.8	6.8	6.6	7.7	7.7
Laredo	41.6	(²)	(²)	4.9	(²)	(²)	11.8	(²)	(²)
Longview-Marshall	79.6	79.7	80.3	6.9	8.9	9.2	8.7	11.2	11.5
Lubbock	109.5	110.0	111.2	5.5	7.0	6.7	5.1	6.3	6.0
McAllen-Edinburg-Mission	138.8	145.0	146.4	24.2	30.0	29.7	17.4	20.7	20.3
Midland	52.1	52.3	52.5	2.4	5.8	5.5	4.6	11.0	10.4
Odessa	60.2	59.5	59.7	3.1	9.4	8.9	5.2	15.8	14.9
San Angelo	44.2	(²)	(²)	1.7	(²)	(²)	3.9	(²)	(²)
San Antonio	551.9	568.2	571.5	30.9	45.1	44.3	5.6	7.9	7.8
Sherman-Denison	45.6	(²)	(²)	2.6	(²)	(²)	5.8	(²)	(²)
Texarkana	56.2	(²)	(²)	4.4	(²)	(²)	7.9	(²)	(²)
Tyler	75.5	76.6	77.7	5.0	6.9	7.2	6.6	9.0	9.3
Victoria	37.4	(²)	(²)	2.4	(²)	(²)	6.3	(²)	(²)
Waco	88.3	91.4	92.1	5.0	7.4	7.5	5.6	8.0	8.2
Wichita Falls	56.3	(²)	(²)	3.2	(²)	(²)	5.8	(²)	(²)
Utah	739.6	770.6	770.2	43.9	45.9	50.3	5.9	6.0	6.5
Provo-Orem	95.6	98.7	98.7	6.4	7.0	7.8	6.7	7.1	8.0
Salt Lake City-Ogden	490.9	513.4	513.2	26.1	26.8	29.1	5.3	5.2	5.7
Vermont	287.6	295.7	297.1	13.2	12.8	13.1	4.6	4.3	4.4
Burlington	70.4	72.9	72.1	2.2	2.3	2.2	3.1	3.1	3.0
Virginia	2,912.0	2,966.7	2,947.6	153.2	147.3	144.4	5.3	5.0	4.9
Charlottesville	64.4	(²)	(²)	3.0	(²)	(²)	4.6	(²)	(²)
Danville	53.0	(²)	(²)	5.4	(²)	(²)	10.2	(²)	(²)
Lynchburg	73.7	72.4	72.3	4.1	4.0	3.8	5.6	5.5	5.2
Norfolk-Virginia Beach-Newport News	574.3	591.8	586.9	27.9	29.6	28.5	4.9	5.0	4.9
Richmond-Petersburg	411.4	420.7	418.4	17.6	18.9	17.4	4.3	4.5	4.2
Roanoke	116.9	118.9	118.8	4.6	6.1	5.9	4.0	5.2	5.0
Washington	2,115.4	2,224.6	2,214.9	176.2	179.0	183.9	8.3	8.0	8.3
Seattle	935.5	998.4	997.3	59.5	62.9	62.1	6.4	6.3	6.2
West Virginia	761.0	757.4	757.7	95.0	89.6	92.1	12.5	11.8	12.1
Charleston	119.3	119.2	119.7	11.3	10.8	10.7	9.5	9.1	8.9
Huntington-Ashland	129.8	127.5	128.3	15.0	12.1	13.4	11.6	9.5	10.5
Parkersburg-Marietta	72.4	72.9	73.1	7.8	7.9	8.3	10.7	10.8	11.4
Wheeling	74.3	72.3	72.0	8.8	8.0	8.1	11.8	11.1	11.2
Wisconsin	2,389.7	2,447.7	2,438.9	176.1	163.0	172.4	7.4	6.7	7.1
Appleton-Oshkosh-Neenah	159.2	161.6	161.4	11.4	10.8	11.7	7.2	6.7	7.2
Eau Claire	66.4	71.5	71.2	4.8	4.9	5.1	7.3	6.8	7.1
Green Bay	98.9	102.5	101.6	6.4	6.7	6.9	6.4	6.5	6.8
Janesville-Beloit	69.1	69.1	68.7	5.3	4.9	5.2	7.7	7.1	7.6
Kenosha	55.0	52.8	53.6	6.2	5.1	5.6	11.3	9.7	10.4
La Crosse	52.1	53.2	52.8	3.1	3.2	3.2	6.0	6.1	6.0
Madison	207.6	214.1	212.3	9.4	10.0	9.2	4.5	4.7	4.4
Milwaukee	716.2	730.5	732.8	45.6	42.1	42.7	6.4	5.8	5.8
Racine	84.6	85.1	86.9	7.1	6.5	7.6	8.4	7.7	8.7
Sheboygan	52.4	54.2	53.8	3.5	2.9	2.7	6.7	5.4	5.1
Wausau	55.1	56.3	56.1	4.5	4.3	4.3	8.1	7.6	7.7
Wyoming	243.0	247.4	245.4	19.3	22.0	22.0	8.0	8.9	9.0

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

² Not available.

³ Publication of data has been suspended due to budget cuts.

^P = preliminary.

NOTE: Data refer to place of residence. Estimates for 1985 have been

benchmarked to 1985 Current Population Survey annual averages. Except in the 11 States and 2 areas designated by footnote 1, estimates for 1986 are provisional and will be revised when new benchmark information becomes available. Area definitions are published annually in the May issue of this publication.

Revised
Seasonally Adjusted
Labor Force Series,
1982–86

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

1. Labor force by sex, age, race, Hispanic origin, and marital status

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Labor force, including resident Armed Forces, total												
1982	110,745	111,131	111,238	111,488	112,118	111,745	112,016	112,203	112,391	112,412	112,710	112,748
1983	112,361	112,318	112,256	112,512	112,492	113,489	113,410	113,878	113,995	113,621	113,905	114,037
1984	113,923	114,355	114,400	114,816	115,365	115,447	115,630	115,369	115,544	115,723	115,873	116,283
1985	116,494	118,673	117,017	117,015	116,991	116,628	116,984	117,003	117,576	117,780	117,851	118,031
1986	118,485	118,733	118,880	118,987	119,274	119,685	119,789	119,821	119,988	120,163	120,426	120,336
Labor force, including resident Armed Forces, men												
1982	63,588	63,731	63,754	63,877	64,180	63,832	63,911	64,060	64,210	64,290	64,361	64,332
1983	63,986	64,033	64,045	64,223	64,283	64,812	64,858	64,915	64,854	64,729	64,907	64,888
1984	64,905	65,037	65,078	65,140	65,233	65,502	65,458	65,388	65,615	65,576	65,700	65,550
1985	65,745	65,722	65,854	65,933	65,934	65,795	65,913	65,952	66,128	66,274	66,214	66,173
1986	66,666	66,737	66,793	66,770	66,854	66,937	66,968	66,911	67,128	67,130	67,407	67,425
Labor force, including resident Armed Forces, women												
1982	47,157	47,400	47,484	47,611	47,936	47,913	48,105	48,143	48,181	48,122	48,349	48,416
1983	48,375	48,285	48,211	48,289	48,209	48,677	48,552	48,963	49,141	48,892	48,998	49,149
1984	49,018	49,318	49,322	49,676	50,132	49,945	50,172	49,981	49,929	50,147	50,173	50,433
1985	50,749	50,951	51,163	51,082	51,057	50,833	51,071	51,051	51,448	51,506	51,636	51,856
1986	51,819	51,996	52,087	52,217	52,420	52,748	52,821	52,910	52,860	53,033	53,019	52,911
Civilian labor force, all civilian workers												
1982	109,089	109,467	109,567	109,820	110,451	110,081	110,342	110,514	110,721	110,744	111,050	111,083
1983	110,694	110,654	110,592	110,841	110,823	111,821	111,746	112,196	112,300	111,926	112,220	112,349
1984	112,237	112,671	112,714	113,123	113,675	113,757	113,932	113,657	113,824	114,018	114,174	114,585
1985	114,797	114,970	115,316	115,313	115,286	114,926	115,280	115,277	115,844	116,080	116,149	116,333
1986	116,794	117,042	117,187	117,292	117,587	118,005	118,117	118,124	118,272	118,414	118,675	118,586
Civilian labor force, men												
1982	62,068	62,204	62,222	62,348	62,653	62,306	62,374	62,509	62,684	62,766	62,845	62,803
1983	62,455	62,505	62,517	62,693	62,755	63,287	63,337	63,377	63,305	63,186	63,373	63,351
1984	63,363	63,497	63,536	63,592	63,688	63,957	63,907	63,825	64,044	64,019	64,148	64,300
1985	64,196	64,168	64,301	64,380	64,378	64,243	64,359	64,378	64,548	64,723	64,662	64,624
1986	65,127	65,198	65,253	65,229	65,321	65,412	65,450	65,370	65,568	65,540	65,815	65,832
Civilian labor force, women												
1982	47,021	47,263	47,345	47,472	47,798	47,775	47,968	48,005	48,037	47,978	48,205	48,280
1983	48,239	48,149	48,075	48,148	48,068	48,534	48,409	48,619	48,995	48,740	48,847	48,998
1984	48,874	49,174	49,178	49,531	49,987	49,800	50,025	49,832	49,780	49,999	50,026	50,285
1985	50,601	50,802	51,015	50,933	50,908	50,683	50,921	50,899	51,296	51,357	51,487	51,709
1986	51,667	51,844	51,934	52,063	52,266	52,593	52,667	52,754	52,704	52,874	52,860	52,754
Civilian labor force, both sexes, 16 to 19 years												
1982	8,676	8,697	8,550	8,605	8,753	8,293	8,380	8,514	8,469	8,499	8,520	8,397
1983	8,350	8,177	8,106	8,100	8,015	8,396	8,205	8,357	8,145	8,013	8,075	8,106
1984	7,985	7,991	7,931	7,989	7,953	8,074	8,021	7,793	7,948	7,875	7,855	7,963
1985	8,070	8,063	8,049	7,956	7,977	7,596	7,977	7,735	7,815	7,902	7,869	7,872
1986	7,754	7,941	7,945	8,031	7,996	7,936	7,883	7,955	7,940	7,991	7,929	7,837
Civilian labor force, men, 16 to 19 years												
1982	4,607	4,597	4,544	4,525	4,631	4,301	4,295	4,472	4,388	4,431	4,455	4,403
1983	4,373	4,318	4,271	4,239	4,219	4,421	4,334	4,394	4,292	4,228	4,273	4,244
1984	4,121	4,156	4,198	4,143	4,137	4,200	4,121	4,029	4,121	4,098	4,142	4,186
1985	4,237	4,187	4,204	4,203	4,183	4,032	4,175	4,093	4,059	4,134	4,056	4,079
1986	3,984	4,106	4,076	4,149	4,163	4,082	4,095	4,151	4,156	4,131	4,112	4,006
Civilian labor force, women, 16 to 19 years												
1982	4,069	4,100	4,006	4,080	4,122	3,992	4,085	4,042	4,081	4,068	4,065	3,994
1983	3,977	3,859	3,835	3,861	3,796	3,975	3,871	3,963	3,853	3,785	3,802	3,862
1984	3,864	3,835	3,733	3,846	3,816	3,874	3,900	3,764	3,827	3,777	3,713	3,777
1985	3,833	3,876	3,845	3,753	3,794	3,564	3,802	3,642	3,756	3,768	3,813	3,793
1986	3,770	3,835	3,869	3,882	3,833	3,854	3,788	3,804	3,784	3,860	3,817	3,831

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

1. Labor force by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force, both sexes, 20 years and over												
1982	100,413	100,770	101,017	101,215	101,698	101,788	101,962	102,000	102,252	102,245	102,530	102,686
1983	102,344	102,477	102,486	102,741	102,808	103,425	103,541	103,839	104,155	103,913	104,145	104,243
1984	104,252	104,680	104,783	105,134	105,722	105,683	105,911	105,864	105,876	106,143	106,319	106,622
1985	106,727	106,907	107,267	107,357	107,309	107,330	107,303	107,542	108,029	108,178	108,280	108,461
1986	109,040	109,101	109,242	109,261	109,591	110,069	110,234	110,169	110,332	110,423	110,746	110,749
Civilian labor force, men, 20 years and over												
1982	57,461	57,607	57,678	57,823	58,022	58,005	58,079	58,037	58,296	58,335	58,390	58,400
1983	58,082	58,187	58,246	58,454	58,536	58,866	59,003	58,983	59,013	58,958	59,100	59,107
1984	59,242	59,341	59,338	59,449	59,551	59,757	59,786	59,796	59,923	59,921	60,006	60,114
1985	59,959	59,981	60,097	60,177	60,195	60,211	60,184	60,285	60,489	60,589	60,606	60,545
1986	61,143	61,092	61,177	61,080	61,158	61,330	61,355	61,219	61,412	61,409	61,703	61,826
Civilian labor force, women, 20 years and over												
1982	42,952	43,163	43,339	43,392	43,676	43,783	43,883	43,963	43,956	43,910	44,140	44,286
1983	44,262	44,290	44,240	44,287	44,272	44,559	44,538	44,856	45,142	44,955	45,045	45,136
1984	45,010	45,339	45,445	45,685	46,171	45,926	46,125	46,068	45,953	46,222	46,313	46,508
1985	46,768	46,926	47,170	47,180	47,114	47,119	47,119	47,257	47,540	47,589	47,674	47,916
1986	47,897	48,009	48,065	48,181	48,433	48,739	48,879	48,950	48,920	49,014	49,043	48,923
Civilian labor force, both sexes, 20 to 24 years												
1982	16,023	16,068	16,125	16,105	16,088	16,107	16,064	16,083	16,031	16,049	16,135	16,176
1983	16,073	16,127	16,011	16,007	15,870	16,150	16,161	16,136	16,073	15,997	15,998	15,893
1984	16,010	15,985	16,031	16,073	16,128	16,207	16,120	15,905	15,974	16,011	16,054	16,005
1985	15,902	15,847	15,758	15,793	15,777	15,708	15,653	15,601	15,670	15,701	15,609	15,620
1986	15,590	15,715	15,598	15,485	15,457	15,471	15,456	15,327	15,396	15,294	15,277	15,242
Civilian labor force, men, 20 to 24 years												
1982	8,619	8,635	8,635	8,605	8,590	8,570	8,596	8,583	8,588	8,620	8,640	8,634
1983	8,591	8,593	8,496	8,546	8,496	8,749	8,708	8,682	8,582	8,559	8,573	8,515
1984	8,587	8,569	8,605	8,664	8,591	8,745	8,583	8,523	8,597	8,522	8,573	8,531
1985	8,382	8,359	8,290	8,329	8,357	8,302	8,233	8,227	8,255	8,224	8,244	8,201
1986	8,254	8,323	8,279	8,184	8,111	8,126	8,155	8,041	8,133	8,071	8,069	8,066
Civilian labor force, women, 20 to 24 years												
1982	7,404	7,433	7,490	7,500	7,498	7,537	7,468	7,500	7,443	7,429	7,495	7,542
1983	7,482	7,534	7,515	7,461	7,374	7,401	7,453	7,454	7,491	7,438	7,425	7,378
1984	7,423	7,416	7,426	7,409	7,537	7,462	7,537	7,382	7,377	7,489	7,481	7,474
1985	7,520	7,488	7,468	7,464	7,420	7,406	7,420	7,374	7,415	7,477	7,365	7,419
1986	7,336	7,392	7,319	7,301	7,346	7,345	7,301	7,286	7,263	7,223	7,208	7,176
Civilian labor force, both sexes, 25 years and over												
1982	84,378	84,700	84,935	85,083	85,651	85,734	85,911	85,871	86,222	86,193	86,369	86,499
1983	86,274	86,363	86,510	86,715	86,936	87,311	87,403	87,655	88,077	87,899	88,145	88,342
1984	88,244	88,707	88,793	89,053	89,561	89,472	89,831	89,927	89,894	90,111	90,265	90,612
1985	90,838	91,068	91,534	91,546	91,480	91,621	91,733	91,938	92,351	92,450	92,665	92,838
1986	93,457	93,394	93,661	93,747	94,077	94,599	94,878	94,879	94,926	95,096	95,451	95,485
Civilian labor force, men, 25 years and over												
1982	48,833	48,978	49,082	49,223	49,468	49,466	49,457	49,464	49,715	49,698	49,730	49,707
1983	49,500	49,620	49,781	49,929	50,042	50,106	50,269	50,308	50,434	50,367	50,530	50,553
1984	50,660	50,801	50,773	50,816	50,939	50,968	51,186	51,285	51,331	51,363	51,442	51,562
1985	51,594	51,654	51,833	51,865	51,796	51,858	51,962	52,087	52,235	52,323	52,368	52,334
1986	52,905	52,805	52,924	52,900	53,007	53,152	53,217	53,228	53,276	53,293	53,636	53,752
Civilian labor force, women, 25 years and over												
1982	35,545	35,722	35,853	35,860	36,183	36,268	36,454	36,407	36,507	36,495	36,639	36,792
1983	36,774	36,743	36,729	36,786	36,894	37,205	37,134	37,347	37,643	37,532	37,615	37,789
1984	37,584	37,906	38,020	38,237	38,622	38,504	38,645	38,642	38,563	38,748	38,823	39,050
1985	39,244	39,414	39,701	39,681	39,684	39,763	39,771	39,851	40,116	40,127	40,297	40,504
1986	40,552	40,589	40,737	40,847	41,070	41,447	41,661	41,651	41,650	41,803	41,815	41,733

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

1. Labor force by sex, age, race, Hispanic origin, and marital status—Continued

(in thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force, both sexes, 25 to 54 years												
1982	69,470	69,778	69,883	70,001	70,428	70,499	70,765	70,835	70,975	71,150	71,208	71,400
1983	71,264	71,261	71,503	71,769	71,948	72,318	72,403	72,752	72,985	72,854	73,025	73,261
1984	73,318	73,667	73,893	74,153	74,565	74,659	74,953	75,139	74,997	75,324	75,403	75,714
1985	75,998	76,117	76,429	76,628	76,500	76,753	76,884	77,103	77,531	77,551	77,789	78,029
1986	78,545	78,567	78,779	78,919	79,098	79,571	79,791	79,930	80,105	80,311	80,519	80,669
Civilian labor force, men, 25 to 54 years												
1982	39,882	39,993	40,058	40,160	40,362	40,394	40,430	40,513	40,638	40,712	40,711	40,717
1983	40,557	40,632	40,818	40,960	41,093	41,211	41,274	41,387	41,476	41,436	41,507	41,624
1984	41,760	41,887	41,950	42,033	42,111	42,273	42,374	42,491	42,488	42,623	42,683	42,803
1985	42,807	42,838	42,908	43,062	43,002	43,077	43,166	43,272	43,414	43,495	43,542	43,610
1986	44,060	44,070	44,120	44,140	44,173	44,404	44,432	44,521	44,596	44,607	44,846	44,947
Civilian labor force, women, 25 to 54 years												
1982	29,588	29,785	29,825	29,841	30,066	30,105	30,335	30,322	30,337	30,438	30,497	30,683
1983	30,707	30,629	30,685	30,809	30,855	31,107	31,129	31,365	31,509	31,418	31,518	31,637
1984	31,558	31,780	31,943	32,120	32,454	32,386	32,579	32,648	32,509	32,701	32,720	32,911
1985	33,191	33,279	33,521	33,566	33,498	33,676	33,718	33,831	34,117	34,056	34,247	34,419
1986	34,485	34,497	34,659	34,779	34,925	35,167	35,359	35,409	35,509	35,704	35,673	35,722
Civilian labor force, both sexes, 25 to 34 years												
1982	30,841	30,941	30,971	31,030	31,121	31,159	31,213	31,336	31,382	31,412	31,432	31,563
1983	31,447	31,418	31,486	31,642	31,803	31,883	31,815	31,957	32,059	31,969	32,178	32,197
1984	32,269	32,362	32,415	32,506	32,611	32,718	32,855	32,977	32,807	33,014	32,951	33,062
1985	33,206	33,214	33,292	33,412	33,338	33,475	33,560	33,590	33,938	33,820	33,812	33,936
1986	34,255	34,221	34,366	34,415	34,431	34,673	34,664	34,736	34,758	34,738	34,971	34,913
Civilian labor force, men, 25 to 34 years												
1982	17,621	17,693	17,689	17,777	17,815	17,817	17,825	17,856	17,900	17,900	17,894	17,898
1983	17,778	17,828	17,892	17,957	18,038	18,071	18,028	18,096	18,127	18,101	18,200	18,200
1984	18,276	18,285	18,319	18,362	18,374	18,449	18,539	18,608	18,559	18,662	18,632	18,683
1985	18,657	18,659	18,660	18,770	18,748	18,772	18,801	18,846	18,926	18,955	18,933	18,968
1986	19,325	19,282	19,325	19,301	19,265	19,405	19,377	19,427	19,434	19,377	19,563	19,567
Civilian labor force, women, 25 to 34 years												
1982	13,220	13,248	13,282	13,253	13,306	13,342	13,388	13,480	13,482	13,512	13,538	13,665
1983	13,669	13,590	13,594	13,685	13,765	13,812	13,787	13,861	13,932	13,868	13,978	13,997
1984	13,993	14,077	14,096	14,144	14,237	14,269	14,316	14,369	14,248	14,352	14,319	14,379
1985	14,549	14,555	14,632	14,642	14,590	14,703	14,759	14,744	15,012	14,865	14,879	14,968
1986	14,930	14,939	15,041	15,114	15,166	15,268	15,287	15,309	15,324	15,361	15,408	15,346
Civilian labor force, both sexes, 35 to 44 years												
1982	21,855	22,009	22,023	22,116	22,321	22,422	22,523	22,637	22,661	22,808	22,860	23,017
1983	23,087	23,158	23,267	23,343	23,389	23,559	23,683	23,774	23,914	23,933	24,003	24,168
1984	24,228	24,504	24,568	24,682	24,952	24,911	25,017	25,061	25,157	25,257	25,323	25,514
1985	25,590	25,604	25,780	25,826	25,910	26,036	26,069	26,175	26,230	26,408	26,583	26,610
1986	26,653	26,766	26,840	26,918	27,048	27,141	27,342	27,470	27,527	27,645	27,634	27,796
Civilian labor force, men, 35 to 44 years												
1982	12,464	12,535	12,588	12,626	12,743	12,786	12,822	12,884	12,917	12,995	13,014	13,058
1983	13,061	13,105	13,203	13,256	13,329	13,397	13,465	13,480	13,553	13,572	13,613	13,697
1984	13,770	13,877	13,892	13,931	14,008	14,039	14,059	14,053	14,143	14,177	14,206	14,282
1985	14,313	14,311	14,369	14,401	14,444	14,462	14,506	14,550	14,607	14,648	14,707	14,730
1986	14,785	14,836	14,846	14,869	14,923	14,977	15,062	15,111	15,161	15,212	15,244	15,315
Civilian labor force, women, 35 to 44 years												
1982	9,391	9,474	9,435	9,490	9,578	9,636	9,701	9,753	9,744	9,813	9,846	9,959
1983	10,026	10,053	10,064	10,087	10,060	10,162	10,218	10,261	10,361	10,361	10,390	10,471
1984	10,458	10,627	10,676	10,751	10,944	10,872	10,958	11,008	11,014	11,080	11,117	11,232
1985	11,277	11,293	11,411	11,425	11,466	11,574	11,563	11,625	11,623	11,760	11,876	11,880
1986	11,868	11,930	11,994	12,049	12,125	12,164	12,280	12,359	12,366	12,433	12,390	12,481

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

1. Labor force by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force, both sexes, 45 to 54 years												
1982	16,774	16,828	16,889	16,855	16,986	16,918	17,029	16,862	16,932	16,930	16,916	16,820
1983	16,730	16,685	16,750	16,784	16,756	16,876	16,905	17,021	17,012	16,952	16,844	16,896
1984	16,821	16,801	16,910	18,965	17,002	17,030	17,081	17,101	17,033	17,053	17,129	17,138
1985	17,202	17,299	17,357	17,390	17,252	17,242	17,255	17,338	17,363	17,323	17,394	17,483
1986	17,637	17,580	17,573	17,586	17,619	17,757	17,785	17,724	17,820	17,928	17,914	17,960
Civilian labor force, men, 45 to 54 years												
1982	9,797	9,765	9,781	9,757	9,804	9,791	9,783	9,773	9,821	9,817	9,803	9,761
1983	9,718	9,699	9,723	9,747	9,728	9,743	9,781	9,811	9,796	9,763	9,694	9,727
1984	9,714	9,725	9,739	9,740	9,729	9,785	9,776	9,830	9,786	9,784	9,845	9,838
1985	9,837	9,868	9,879	9,891	9,810	9,843	9,859	9,876	9,881	9,892	9,902	9,912
1986	9,950	9,952	9,949	9,970	9,985	10,022	9,993	9,983	10,001	10,018	10,039	10,065
Civilian labor force, women, 45 to 54 years												
1982	6,977	7,063	7,108	7,098	7,182	7,127	7,246	7,089	7,111	7,113	7,113	7,059
1983	7,012	6,966	7,027	7,037	7,030	7,133	7,124	7,210	7,216	7,189	7,150	7,169
1984	7,107	7,076	7,171	7,225	7,273	7,245	7,305	7,271	7,247	7,269	7,284	7,300
1985	7,365	7,431	7,478	7,499	7,442	7,399	7,398	7,462	7,482	7,431	7,492	7,571
1986	7,687	7,628	7,624	7,616	7,634	7,735	7,792	7,741	7,819	7,910	7,875	7,895
Civilian labor force, both sexes, 55 years and over												
1982	14,950	14,864	15,042	15,101	15,170	15,200	15,142	15,096	15,301	15,057	15,118	15,072
1983	15,056	15,036	14,990	14,969	14,925	15,012	15,005	14,984	15,121	15,072	15,084	15,071
1984	14,953	14,974	14,884	14,927	14,922	14,855	14,845	14,856	14,927	14,819	14,831	14,899
1985	14,862	14,884	15,088	14,943	14,902	14,908	14,803	14,897	14,840	14,932	14,853	14,856
1986	14,917	14,762	14,853	14,842	14,908	15,070	15,021	15,006	14,856	14,826	14,912	14,876
Civilian labor force, men, 55 years and over												
1982	8,971	8,936	9,020	9,064	9,069	9,103	9,012	8,967	9,111	8,994	9,009	8,996
1983	8,953	8,943	8,942	8,971	8,910	8,963	8,984	8,946	8,977	8,954	9,012	8,942
1984	8,899	8,869	8,796	8,794	8,791	8,760	8,784	8,812	8,861	8,762	8,745	8,779
1985	8,769	8,775	8,903	8,818	8,763	8,838	8,763	8,828	8,827	8,852	8,815	8,774
1986	8,825	8,702	8,775	8,774	8,806	8,804	8,752	8,713	8,687	8,714	8,789	8,858
Civilian labor force, women, 55 years and over												
1982	5,979	5,928	6,022	6,037	6,101	6,097	6,130	6,129	6,190	6,063	6,109	6,076
1983	6,103	6,093	6,048	5,998	6,015	6,049	6,021	6,038	6,144	6,118	6,072	6,129
1984	6,054	6,105	6,088	6,133	6,131	6,095	6,061	6,044	6,066	6,057	6,086	6,120
1985	6,093	6,109	6,185	6,125	6,139	6,070	6,040	6,069	6,013	6,080	6,038	6,082
1986	6,092	6,060	6,078	6,068	6,102	6,266	6,269	6,293	6,169	6,112	6,123	6,018
Civilian labor force, both sexes, 55 to 64 years												
1982	11,958	11,871	12,029	12,070	12,046	12,097	12,100	12,102	12,247	12,089	12,109	12,048
1983	12,037	12,012	11,946	11,939	11,921	12,013	11,976	11,935	11,973	12,018	12,018	12,053
1984	11,945	11,994	11,951	12,011	11,987	11,993	11,961	11,936	11,959	11,858	11,909	11,996
1985	11,980	11,976	12,114	12,018	12,017	12,028	11,957	12,016	11,948	12,008	11,938	11,887
1986	11,878	11,770	11,846	11,839	11,889	11,990	11,966	11,981	11,879	11,919	11,911	11,847
Civilian labor force, men, 55 to 64 years												
1982	7,133	7,094	7,160	7,192	7,182	7,195	7,170	7,174	7,283	7,207	7,173	7,148
1983	7,122	7,119	7,086	7,121	7,109	7,127	7,109	7,083	7,103	7,122	7,147	7,136
1984	7,085	7,071	7,040	7,059	7,024	7,030	7,043	7,062	7,068	7,002	7,019	7,074
1985	7,063	7,047	7,114	7,075	7,035	7,113	7,076	7,072	7,051	7,085	7,037	8,968
1986	6,976	6,881	6,947	6,950	6,978	6,946	6,934	6,931	6,944	6,982	6,983	6,999
Civilian labor force, women, 55 to 64 years												
1982	4,825	4,777	4,869	4,878	4,864	4,902	4,930	4,928	4,964	4,882	4,936	4,900
1983	4,915	4,893	4,860	4,818	4,812	4,886	4,867	4,852	4,870	4,896	4,871	4,917
1984	4,860	4,923	4,911	4,952	4,963	4,963	4,918	4,874	4,891	4,856	4,890	4,922
1985	4,917	4,929	5,000	4,943	4,982	4,915	4,881	4,944	4,897	4,943	4,901	4,919
1986	4,902	4,889	4,899	4,889	4,911	5,044	5,032	5,050	4,935	4,937	4,928	4,848

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

1. Labor force by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force, both sexes, 65 years and over												
1982	2,992	2,993	3,013	3,031	3,124	3,103	3,042	2,994	3,054	2,968	3,009	3,024
1983	3,019	3,024	3,044	3,030	3,004	2,999	3,029	3,049	3,148	3,054	3,066	3,018
1984	3,008	2,980	2,933	2,916	2,935	2,862	2,884	2,920	2,988	2,961	2,922	2,903
1985	2,882	2,908	2,974	2,925	2,885	2,880	2,846	2,881	2,892	2,924	2,915	2,969
1986	3,039	2,992	3,007	3,003	3,019	3,080	3,055	3,025	2,977	2,907	3,001	3,029
Civilian labor force, men, 65 years and over												
1982	1,838	1,842	1,860	1,872	1,887	1,908	1,842	1,793	1,828	1,787	1,836	1,848
1983	1,831	1,824	1,856	1,850	1,801	1,836	1,875	1,863	1,874	1,832	1,865	1,806
1984	1,814	1,798	1,756	1,735	1,767	1,730	1,741	1,750	1,793	1,760	1,726	1,705
1985	1,706	1,728	1,789	1,743	1,728	1,725	1,687	1,756	1,776	1,787	1,778	1,806
1986	1,849	1,821	1,828	1,824	1,828	1,858	1,818	1,782	1,743	1,732	1,806	1,859
Civilian labor force, women, 65 years and over												
1982	1,154	1,151	1,153	1,159	1,237	1,195	1,200	1,201	1,226	1,181	1,173	1,176
1983	1,188	1,200	1,188	1,180	1,203	1,163	1,154	1,186	1,274	1,222	1,201	1,212
1984	1,194	1,182	1,177	1,181	1,168	1,132	1,143	1,170	1,175	1,201	1,196	1,198
1985	1,176	1,180	1,185	1,182	1,157	1,155	1,159	1,125	1,116	1,137	1,137	1,163
1986	1,190	1,171	1,179	1,179	1,191	1,222	1,237	1,243	1,234	1,175	1,195	1,170
Civilian labor force, white workers												
1982	95,278	95,575	95,713	95,994	96,427	96,216	96,322	96,295	96,519	96,512	96,667	96,689
1983	96,209	98,143	98,120	96,317	96,407	97,315	97,207	97,581	97,597	97,478	97,705	97,839
1984	97,734	98,029	98,195	98,323	98,739	98,817	98,689	98,268	98,520	98,655	98,673	99,108
1985	99,377	99,571	99,838	99,731	99,773	99,547	99,702	99,740	100,222	100,523	100,467	100,617
1986	100,993	101,178	101,208	101,237	101,531	101,946	102,015	102,122	102,158	102,297	102,455	102,503
Civilian labor force, white men												
1982	54,888	54,996	55,006	55,116	55,344	55,150	55,098	55,171	55,310	55,356	55,328	55,255
1983	54,886	55,015	55,039	55,157	55,284	55,760	55,706	55,749	55,658	55,866	55,759	55,782
1984	55,805	55,884	55,978	55,931	55,983	56,292	56,059	55,891	56,153	56,111	56,172	56,325
1985	56,283	56,284	56,363	56,422	56,482	56,427	56,411	56,405	56,547	56,757	56,657	56,625
1986	57,004	57,088	57,031	56,999	57,091	57,208	57,159	57,166	57,334	57,340	57,587	57,651
Civilian labor force, white women												
1982	40,390	40,579	40,707	40,878	41,083	41,066	41,224	41,124	41,209	41,156	41,339	41,434
1983	41,323	41,128	41,081	41,160	41,123	41,555	41,501	41,832	41,939	41,812	41,946	42,057
1984	41,929	42,145	42,217	42,392	42,756	42,525	42,630	42,377	42,367	42,544	42,501	42,783
1985	43,094	43,287	43,475	43,309	43,291	43,120	43,291	43,335	43,675	43,766	43,810	43,992
1986	43,989	44,090	44,177	44,238	44,440	44,738	44,856	44,956	44,824	44,957	44,868	44,852
Civilian labor force, white workers, 16 to 19 years												
1982	7,661	7,641	7,559	7,660	7,735	7,428	7,384	7,460	7,438	7,488	7,450	7,352
1983	7,342	7,226	7,214	7,133	7,056	7,378	7,194	7,309	7,147	7,059	7,069	7,137
1984	7,041	7,042	7,054	7,006	6,987	7,098	6,966	6,728	6,918	6,887	6,813	6,927
1985	6,977	6,982	6,975	6,862	6,892	6,657	6,858	6,667	6,778	6,856	6,809	6,812
1986	6,711	6,890	6,850	6,903	6,896	6,871	6,792	6,899	6,884	6,942	6,900	6,817
Civilian labor force, white men, 16 to 19 years												
1982	4,067	4,032	4,001	4,003	4,094	3,865	3,792	3,909	3,846	3,885	3,870	3,844
1983	3,816	3,804	3,775	3,734	3,702	3,880	3,758	3,814	3,749	3,710	3,707	3,723
1984	3,617	3,643	3,701	3,614	3,626	3,700	3,586	3,458	3,575	3,569	3,585	3,635
1985	3,645	3,616	3,633	3,630	3,634	3,552	3,606	3,507	3,498	3,585	3,501	3,519
1986	3,446	3,550	3,499	3,555	3,559	3,557	3,520	3,583	3,607	3,583	3,572	3,479
Civilian labor force, white women, 16 to 19 years												
1982	3,594	3,609	3,558	3,657	3,641	3,563	3,592	3,551	3,592	3,603	3,580	3,508
1983	3,526	3,422	3,439	3,399	3,354	3,498	3,436	3,495	3,398	3,349	3,362	3,414
1984	3,424	3,399	3,353	3,392	3,361	3,398	3,380	3,270	3,343	3,298	3,228	3,292
1985	3,332	3,366	3,342	3,232	3,258	3,105	3,252	3,160	3,280	3,271	3,308	3,293
1986	3,265	3,340	3,351	3,348	3,337	3,314	3,272	3,316	3,277	3,359	3,328	3,338

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

1. Labor force by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force, white workers, 20 years and over												
1982	87,617	87,934	88,154	88,334	88,692	88,788	88,938	88,835	89,081	89,024	89,217	89,337
1983	88,867	88,917	88,906	89,184	89,351	89,937	90,013	90,272	90,450	90,419	90,636	90,702
1984	90,693	90,987	91,141	91,317	91,752	91,719	91,723	91,540	91,602	91,788	91,860	92,181
1985	92,400	92,589	92,863	92,869	92,881	92,890	92,844	93,073	93,444	93,667	93,658	93,805
1986	94,282	94,288	94,358	94,334	94,635	95,075	95,223	95,223	95,274	95,355	95,555	95,686
Civilian labor force, white men, 20 years and over												
1982	50,821	50,964	51,005	51,113	51,250	51,285	51,306	51,262	51,464	51,471	51,458	51,411
1983	51,070	51,211	51,264	51,423	51,582	51,880	51,948	51,935	51,909	51,956	52,052	52,059
1984	52,188	52,241	52,277	52,317	52,357	52,592	52,473	52,433	52,578	52,542	52,587	52,690
1985	52,638	52,668	52,730	52,792	52,848	52,875	52,805	52,898	53,049	53,172	53,156	53,106
1986	53,558	53,538	53,532	53,444	53,532	53,651	53,639	53,583	53,727	53,757	54,015	54,172
Civilian labor force, white women, 20 years and over												
1982	36,796	36,970	37,149	37,221	37,442	37,503	37,632	37,573	37,617	37,553	37,759	37,926
1983	37,797	37,706	37,642	37,761	37,769	38,057	38,065	38,337	38,541	38,463	38,584	38,643
1984	38,505	38,746	38,864	39,000	39,395	39,127	39,250	39,107	39,024	39,246	39,273	39,491
1985	39,762	39,921	40,133	40,077	40,033	40,015	40,039	40,175	40,395	40,495	40,502	40,699
1986	40,724	40,750	40,826	40,890	41,103	41,424	41,584	41,640	41,547	41,598	41,540	41,514
Civilian labor force, black workers												
1982	11,245	11,249	11,237	11,186	11,271	11,217	11,310	11,367	11,423	11,445	11,503	11,561
1983	11,624	11,588	11,558	11,586	11,599	11,727	11,736	11,728	11,728	11,569	11,624	11,677
1984	11,730	11,905	11,846	11,843	11,939	11,965	12,093	12,211	12,100	12,195	12,266	12,293
1985	12,326	12,323	12,276	12,325	12,322	12,274	12,359	12,354	12,393	12,405	12,455	12,559
1986	12,561	12,572	12,634	12,687	12,721	12,712	12,611	12,553	12,652	12,720	12,719	12,707
Civilian labor force, black men												
1982	5,745	5,782	5,767	5,756	5,773	5,731	5,778	5,798	5,841	5,863	5,920	5,924
1983	5,931	5,886	5,882	5,925	5,929	6,043	6,049	6,033	5,988	5,920	5,986	5,975
1984	6,038	6,126	6,085	6,027	6,093	6,088	6,139	6,180	6,141	6,188	6,177	6,210
1985	6,185	6,211	6,155	6,176	6,181	6,156	6,221	6,259	6,275	6,274	6,245	6,295
1986	6,357	6,345	6,378	6,382	6,428	6,407	6,386	6,323	6,349	6,376	6,360	6,385
Civilian labor force, black women												
1982	5,500	5,467	5,470	5,430	5,498	5,486	5,532	5,569	5,582	5,582	5,583	5,637
1983	5,693	5,702	5,676	5,661	5,670	5,684	5,687	5,695	5,740	5,649	5,638	5,702
1984	5,692	5,779	5,761	5,816	5,846	5,877	5,954	6,031	5,959	6,007	6,089	6,083
1985	6,141	6,112	6,121	6,149	6,141	6,118	6,138	6,095	6,118	6,131	6,210	6,264
1986	6,204	6,227	6,256	6,305	6,293	6,305	6,225	6,230	6,303	6,344	6,359	6,322
Civilian labor force, black workers, 16 to 19 years												
1982	839	864	843	781	826	732	798	851	844	830	836	841
1983	816	789	773	806	800	876	820	849	804	777	801	799
1984	775	810	769	818	774	823	854	869	860	864	856	857
1985	901	900	888	890	905	823	920	876	868	909	886	904
1986	899	914	933	930	921	916	824	827	874	879	842	853
Civilian labor force, black men, 16 to 19 years												
1982	441	459	451	428	434	389	419	450	442	441	439	440
1983	440	419	423	418	428	477	455	459	422	413	430	414
1984	410	424	430	438	432	438	440	451	451	451	453	456
1985	480	457	462	472	456	442	491	490	475	488	460	482
1986	467	479	476	478	504	459	447	438	443	444	426	438
Civilian labor force, black women, 16 to 19 years												
1982	398	405	392	353	392	343	379	401	402	389	397	401
1983	376	370	350	388	372	399	365	382	382	364	371	385
1984	365	386	339	380	342	385	414	418	409	413	403	401
1985	421	443	426	418	449	381	429	386	393	421	426	422
1986	432	435	457	452	417	457	377	389	431	435	416	415

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

1. Labor force by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force, black workers, 20 years and over												
1982	10,406	10,385	10,394	10,405	10,445	10,485	10,512	10,516	10,579	10,615	10,667	10,720
1983	10,808	10,799	10,785	10,780	10,799	10,851	10,916	10,879	10,924	10,792	10,823	10,878
1984	10,955	11,095	11,077	11,025	11,185	11,142	11,239	11,342	11,240	11,331	11,410	11,436
1985	11,425	11,423	11,388	11,435	11,417	11,451	11,439	11,478	11,525	11,496	11,589	11,655
1986	11,662	11,658	11,701	11,757	11,800	11,796	11,787	11,726	11,778	11,841	11,877	11,854
Civilian labor force, black men, 20 years and over												
1982	5,304	5,323	5,316	5,328	5,339	5,342	5,359	5,348	5,399	5,422	5,481	5,484
1983	5,491	5,467	5,459	5,507	5,501	5,566	5,594	5,574	5,588	5,507	5,556	5,561
1984	5,628	5,702	5,655	5,589	5,661	5,650	5,699	5,729	5,690	5,737	5,724	5,754
1985	5,705	5,754	5,693	5,704	5,725	5,714	5,730	5,789	5,800	5,786	5,785	5,813
1986	5,890	5,866	5,902	5,904	5,924	5,948	5,939	5,885	5,906	5,932	5,934	5,947
Civilian labor force, black women, 20 years and over												
1982	5,102	5,062	5,078	5,077	5,106	5,143	5,153	5,168	5,180	5,193	5,186	5,236
1983	5,317	5,332	5,326	5,273	5,298	5,285	5,322	5,305	5,358	5,285	5,267	5,317
1984	5,327	5,393	5,422	5,436	5,504	5,492	5,540	5,613	5,550	5,594	5,686	5,682
1985	5,720	5,669	5,695	5,731	5,892	5,737	5,709	5,709	5,725	5,710	5,784	5,842
1986	5,772	5,792	5,799	5,853	5,876	5,848	5,848	5,841	5,872	5,909	5,943	5,907
Civilian labor force, Hispanic-origin workers												
1982	8,598	8,894	8,721	8,708	8,792	8,683	8,677	8,749	8,742	8,821	8,792	8,864
1983	8,867	8,895	8,867	8,967	8,959	9,059	9,014	9,123	9,128	9,085	9,157	9,195
1984	7,282	7,212	7,353	7,323	7,399	7,460	7,463	7,505	7,541	7,558	7,580	7,699
1985	7,513	7,582	7,622	7,602	7,619	7,649	7,705	7,805	7,851	7,854	7,775	7,777
1986	7,796	7,922	7,926	7,969	8,006	8,085	8,121	8,130	8,179	8,200	8,226	8,320
Civilian labor force, married men, spouse present												
1982	40,504	40,532	40,549	40,659	40,754	40,904	40,881	40,888	40,909	40,924	40,695	40,563
1983	40,398	40,353	40,415	40,392	40,353	40,605	40,791	40,969	40,780	40,664	40,629	40,616
1984	40,647	40,819	40,794	40,874	40,895	40,928	41,043	40,988	41,048	40,985	41,124	41,230
1985	41,239	41,119	41,243	41,081	40,834	40,806	40,877	40,868	40,957	41,086	41,053	41,020
1986	41,340	41,202	41,239	41,250	41,419	41,475	41,472	41,484	41,471	41,678	41,814	41,915
Civilian labor force, married women, spouse present												
1982	25,386	25,635	25,794	25,894	26,093	26,231	26,048	26,051	26,070	26,103	26,144	26,217
1983	26,242	26,166	26,220	26,347	26,296	26,440	26,415	26,695	26,745	26,593	26,647	26,735
1984	26,537	26,669	26,853	27,088	27,372	27,282	27,273	27,346	27,265	27,421	27,439	27,555
1985	27,447	27,639	27,855	27,762	27,690	27,734	27,826	27,831	28,154	28,191	28,246	28,291
1986	28,272	28,245	28,318	28,380	28,543	28,842	28,988	28,866	28,704	28,753	28,762	28,778
Civilian labor force, women who maintain families												
1982	5,702	5,743	5,701	5,762	5,654	5,787	5,865	5,876	5,849	5,780	5,785	5,815
1983	5,830	5,788	5,858	5,696	5,644	5,697	5,692	5,752	5,855	5,888	5,913	5,986
1984	5,966	6,015	6,080	6,107	6,183	6,218	6,225	6,124	6,083	6,036	6,096	6,016
1985	6,203	6,198	6,222	6,278	6,314	6,300	6,261	6,313	6,254	6,132	6,212	6,303
1986	6,333	6,351	6,397	6,408	6,375	6,355	6,422	6,485	6,572	6,606	6,691	6,661

2. Labor force participation rates by sex, age, race, and Hispanic origin

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Labor force participation rate, including resident Armed Forces, total												
1982	64.0	64.2	64.2	64.3	64.5	64.3	64.4	64.4	64.5	64.4	64.5	64.5
1983	64.2	64.1	64.0	64.1	64.1	64.6	64.4	64.7	64.7	64.4	64.5	64.5
1984	64.3	64.5	64.4	64.6	64.9	64.9	64.9	64.7	64.7	64.8	64.8	65.0
1985	65.1	65.1	65.2	65.2	65.1	64.9	65.0	65.0	65.2	65.3	65.2	65.3
1986	65.3	65.4	65.4	65.4	65.5	65.7	65.7	65.6	65.7	65.7	65.8	65.7
Labor force participation rate, including resident Armed Forces, men												
1982	77.0	77.1	77.0	77.1	77.4	76.9	76.9	77.0	77.1	77.2	77.2	77.0
1983	76.5	76.5	76.4	76.6	76.6	77.1	77.1	77.1	77.0	76.7	76.9	76.8
1984	76.6	76.7	76.7	76.7	76.7	77.0	76.8	76.7	76.9	76.8	76.8	76.9
1985	76.8	76.7	76.8	76.8	76.8	76.5	76.6	76.6	76.7	76.8	76.7	76.5
1986	76.7	76.7	76.7	76.6	76.7	76.7	76.6	76.5	76.7	76.6	76.8	76.7
Labor force participation rate, including resident Armed Forces, women												
1982	52.2	52.4	52.4	52.5	52.8	52.7	52.9	52.9	52.9	52.8	52.9	53.0
1983	52.9	52.8	52.7	52.7	52.6	53.0	52.8	53.3	53.4	53.1	53.1	53.2
1984	53.0	53.3	53.2	53.6	54.0	53.8	54.0	53.7	53.6	53.8	53.8	54.0
1985	54.3	54.5	54.7	54.5	54.5	54.2	54.4	54.3	54.7	54.7	54.8	55.0
1986	54.8	55.0	55.0	55.1	55.3	55.6	55.6	55.7	55.6	55.7	55.6	55.4
Civilian labor force participation rate, all civilian workers												
1982	63.7	63.8	63.8	63.9	64.2	63.9	64.0	64.1	64.1	64.1	64.2	64.1
1983	63.9	63.8	63.7	63.8	63.7	64.2	64.1	64.3	64.3	64.0	64.1	64.2
1984	63.9	64.1	64.1	64.3	64.5	64.5	64.6	64.4	64.4	64.4	64.5	64.6
1985	64.7	64.8	64.9	64.9	64.8	64.5	64.7	64.6	64.9	64.9	64.9	64.9
1986	65.0	65.1	65.1	65.1	65.2	65.4	65.4	65.3	65.3	65.4	65.4	65.3
Civilian labor force participation rate, men												
1982	76.6	76.7	76.6	76.7	77.0	76.5	76.5	76.6	76.7	76.7	76.7	76.5
1983	76.1	76.0	76.0	76.2	76.2	76.7	76.7	76.7	76.5	76.3	76.5	76.4
1984	76.2	76.3	76.2	76.2	76.3	76.5	76.4	76.3	76.4	76.3	76.4	76.5
1985	76.4	76.3	76.4	76.4	76.3	76.1	76.2	76.1	76.3	76.4	76.2	76.1
1986	76.3	76.3	76.3	76.2	76.3	76.3	76.2	76.1	76.2	76.1	76.4	76.3
Civilian labor force participation rate, women												
1982	52.1	52.3	52.4	52.4	52.7	52.7	52.8	52.8	52.8	52.7	52.9	53.0
1983	52.9	52.7	52.6	52.6	52.5	53.0	52.8	53.2	53.3	53.0	53.1	53.2
1984	52.9	53.2	53.2	53.5	54.0	53.7	53.9	53.6	53.5	53.7	53.7	53.9
1985	54.2	54.4	54.6	54.5	54.4	54.1	54.3	54.2	54.6	54.6	54.7	54.9
1986	54.8	54.9	55.0	55.1	55.2	55.5	55.5	55.6	55.5	55.6	55.5	55.4
Civilian labor force participation rate, both sexes, 16 to 19 years												
1982	54.4	54.7	53.8	54.3	55.3	52.5	53.2	54.2	54.0	54.4	54.7	53.9
1983	53.8	52.8	52.5	52.6	52.2	54.9	53.8	55.0	53.7	53.0	53.6	54.0
1984	53.3	53.5	53.3	53.9	53.8	54.8	54.6	53.2	54.3	53.9	53.9	54.7
1985	55.2	55.2	55.2	54.7	55.0	52.4	55.2	53.5	54.1	54.6	54.4	54.4
1986	53.6	54.9	54.9	55.4	55.2	54.8	54.5	54.8	54.8	55.0	54.5	53.8
Civilian labor force participation rate, men, 16 to 19 years												
1982	57.9	57.9	57.2	57.1	58.6	54.5	54.5	57.0	56.0	56.7	57.2	56.3
1983	56.2	55.7	55.2	54.9	54.9	57.6	56.6	57.6	56.5	55.7	56.5	56.3
1984	54.9	55.5	56.3	55.8	55.9	56.9	56.0	54.9	56.2	56.0	56.7	57.3
1985	57.9	57.3	57.5	57.7	57.5	55.4	57.5	56.4	56.0	57.1	55.9	56.2
1986	55.0	56.7	56.2	57.1	57.2	56.1	56.3	57.0	57.1	56.7	56.3	54.9
Civilian labor force participation rate, women, 16 to 19 years												
1982	50.9	51.4	50.3	51.4	52.1	50.5	51.9	51.5	52.1	52.1	52.2	51.4
1983	51.4	50.0	49.8	50.3	49.6	52.1	50.9	52.3	51.0	50.2	50.6	51.6
1984	51.7	51.5	50.3	52.0	51.8	52.7	53.3	51.5	52.5	51.9	51.1	52.1
1985	52.6	53.2	52.9	51.8	52.5	49.5	52.9	50.6	52.1	52.2	52.8	52.6
1986	52.2	53.1	53.5	53.8	53.2	53.6	52.6	52.7	52.4	53.3	52.6	52.8

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force participation rate, both sexes, 20 years and over												
1982	64.6	64.8	64.9	64.9	65.1	65.1	65.1	65.0	65.1	65.0	65.1	65.1
1983	64.8	64.8	64.8	64.9	64.8	65.1	65.1	65.2	65.3	65.1	65.1	65.1
1984	64.9	65.1	65.1	65.2	65.5	65.4	65.5	65.4	65.3	65.4	65.4	65.5
1985	65.6	65.6	65.8	65.8	65.7	65.6	65.5	65.6	65.8	65.8	65.8	65.9
1986	66.0	66.0	66.0	66.0	66.1	66.3	66.3	66.2	66.3	66.3	66.4	66.3
Civilian labor force participation rate, men, 20 years and over												
1982	78.6	78.7	78.7	78.8	78.9	78.8	78.8	78.7	78.9	78.8	78.8	78.7
1983	78.1	78.2	78.2	78.3	78.3	78.7	78.7	78.6	78.6	78.4	78.5	78.4
1984	78.3	78.3	78.2	78.3	78.3	78.4	78.4	78.3	78.4	78.3	78.3	78.3
1985	78.1	78.1	78.1	78.2	78.1	78.1	77.9	78.0	78.2	78.2	78.1	78.0
1986	78.3	78.2	78.2	78.0	78.0	78.1	78.1	77.9	78.0	77.9	78.2	78.3
Civilian labor force participation rate, women, 20 years and over												
1982	52.2	52.4	52.5	52.5	52.8	52.9	52.9	52.9	52.9	52.7	52.9	53.1
1983	53.0	53.0	52.9	52.9	52.8	53.0	52.9	53.3	53.5	53.2	53.3	53.3
1984	53.0	53.4	53.4	53.6	54.1	53.8	54.0	53.8	53.6	53.9	53.9	54.1
1985	54.4	54.5	54.7	54.7	54.5	54.5	54.4	54.5	54.8	54.8	54.9	55.1
1986	55.0	55.1	55.1	55.2	55.4	55.7	55.8	55.8	55.7	55.8	55.8	55.6
Civilian labor force participation rate, both sexes, 20 to 24 years												
1982	76.8	77.0	77.3	77.2	77.1	77.3	77.0	77.2	77.0	77.1	77.5	77.6
1983	77.1	77.4	76.9	76.9	76.2	77.6	77.7	77.6	77.4	77.1	77.1	76.6
1984	77.0	76.9	77.2	77.5	77.8	78.2	77.9	77.0	77.4	77.7	78.0	77.9
1985	78.2	78.1	77.9	78.1	78.2	78.0	77.8	77.8	78.5	78.8	78.6	78.8
1986	78.6	79.4	79.1	78.6	78.6	78.9	79.0	78.7	79.2	78.8	79.0	79.2
Civilian labor force participation rate, men, 20 to 24 years												
1982	84.9	85.1	85.2	84.9	84.7	84.5	84.8	84.7	84.9	85.2	85.4	85.1
1983	84.6	84.6	83.7	84.2	83.7	86.2	85.8	85.7	84.7	84.5	84.7	84.1
1984	84.6	84.4	84.9	85.5	84.8	86.4	84.8	84.4	85.3	84.6	85.3	84.9
1985	85.0	84.8	84.4	84.9	85.3	84.9	84.3	84.6	85.3	85.2	85.7	85.4
1986	85.7	86.7	86.5	85.6	84.8	85.2	85.8	85.1	86.2	85.7	86.2	86.5
Civilian labor force participation rate, women, 20 to 24 years												
1982	69.1	69.3	69.9	70.0	70.0	70.4	69.7	70.1	69.5	69.4	70.1	70.5
1983	70.0	70.5	70.4	69.9	69.1	69.4	69.9	70.0	70.4	69.9	69.9	69.5
1984	69.8	69.8	69.9	69.8	71.1	70.4	71.2	69.9	69.9	71.1	71.1	71.2
1985	71.8	71.7	71.7	71.7	71.4	71.4	71.6	71.4	72.0	72.8	71.9	72.6
1986	71.8	72.5	72.1	72.0	72.7	72.9	72.6	72.7	72.6	72.3	72.2	72.3
Civilian labor force participation rate, both sexes, 25 years and over												
1982	62.7	62.9	63.0	63.0	63.3	63.3	63.3	63.2	63.3	63.3	63.2	63.2
1983	63.0	63.0	63.0	63.0	63.1	63.3	63.2	63.3	63.5	63.3	63.4	63.4
1984	63.1	63.4	63.3	63.4	63.7	63.5	63.7	63.7	63.5	63.6	63.6	63.7
1985	63.8	63.9	64.1	64.0	63.9	63.9	63.8	63.9	64.1	64.0	64.1	64.1
1986	64.3	64.2	64.2	64.2	64.4	64.6	64.7	64.6	64.5	64.6	64.7	64.6
Civilian labor force participation rate, men, 25 years and over												
1982	77.6	77.7	77.7	77.8	78.1	78.0	77.8	77.7	78.0	77.8	77.7	77.6
1983	77.1	77.2	77.3	77.5	77.5	77.5	77.6	77.5	77.6	77.4	77.5	77.4
1984	77.3	77.4	77.2	77.2	77.2	77.2	77.4	77.4	77.3	77.2	77.2	77.3
1985	77.1	77.1	77.3	77.2	77.0	77.0	77.0	77.1	77.1	77.1	77.1	76.9
1986	77.3	77.0	77.1	77.0	77.0	77.1	77.0	76.9	76.9	76.8	77.2	77.2
Civilian labor force participation rate, women, 25 years and over												
1982	49.7	49.9	50.0	49.9	50.3	50.3	50.5	50.3	50.4	50.3	50.4	50.6
1983	50.5	50.4	50.3	50.3	50.4	50.7	50.5	50.8	51.1	50.9	50.9	51.0
1984	50.6	51.0	51.1	51.3	51.7	51.5	51.6	51.5	51.3	51.5	51.5	51.7
1985	51.9	52.1	52.4	52.3	52.2	52.2	52.2	52.2	52.5	52.4	52.6	52.8
1986	52.7	52.7	52.8	52.9	53.1	53.5	53.7	53.6	53.5	53.7	53.6	53.4

2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force participation rate, both sexes, 25 to 54 years												
1982	79.4	79.6	79.8	79.6	79.9	79.9	80.0	80.0	80.0	80.0	79.9	80.0
1983	79.8	79.6	79.7	79.9	80.0	80.2	80.2	80.4	80.5	80.2	80.2	80.4
1984	80.1	80.3	80.4	80.8	80.9	80.8	81.0	81.0	80.7	80.9	80.8	81.0
1985	81.3	81.3	81.4	81.5	81.2	81.3	81.3	81.4	81.7	81.6	81.7	81.7
1986	81.8	81.7	81.7	81.8	81.8	82.1	82.2	82.2	82.2	82.3	82.3	82.3
Civilian labor force participation rate, men, 25 to 54 years												
1982	93.8	93.9	93.9	94.0	94.3	94.2	94.1	94.1	94.3	94.2	94.0	93.9
1983	93.4	93.3	93.6	93.8	93.9	94.0	93.9	94.0	94.0	93.8	93.7	93.8
1984	93.7	93.8	93.8	93.8	93.8	93.9	94.0	94.1	93.9	94.0	93.9	94.0
1985	94.0	94.0	93.9	94.1	93.8	93.8	93.8	93.9	94.0	94.0	93.9	93.9
1986	94.0	93.8	93.8	93.7	93.6	93.9	93.8	93.8	93.8	93.6	93.9	93.9
Civilian labor force participation rate, women, 25 to 54 years												
1982	65.7	66.0	66.0	66.0	66.3	66.3	66.7	66.6	66.5	66.6	66.6	67.0
1983	66.9	66.6	66.6	66.8	66.8	67.2	67.1	67.5	67.7	67.4	67.5	67.6
1984	67.2	67.5	67.8	68.0	68.6	68.3	68.6	68.6	68.2	68.5	68.4	68.7
1985	69.1	69.2	69.6	69.6	69.3	69.5	69.4	69.6	70.0	69.8	70.1	70.3
1986	70.1	70.0	70.2	70.4	70.5	70.8	71.1	71.0	71.1	71.4	71.3	71.3
Civilian labor force participation rate, both sexes, 25 to 34 years												
1982	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.3	81.3	81.2	81.1	81.4
1983	81.0	80.8	80.9	81.2	81.4	81.5	81.2	81.5	81.6	81.2	81.6	81.5
1984	81.4	81.5	81.5	81.6	81.7	81.9	82.1	82.3	81.7	82.1	81.8	82.0
1985	82.4	82.4	82.4	82.5	82.2	82.3	82.3	82.3	83.1	82.6	82.6	82.9
1986	82.6	82.6	82.8	82.8	82.7	83.0	82.9	82.9	82.9	82.9	83.4	83.2
Civilian labor force participation rate, men, 25 to 34 years												
1982	94.5	94.8	94.6	95.0	95.0	94.9	94.8	94.9	95.0	94.8	94.6	94.5
1983	93.7	93.8	94.0	94.2	94.5	94.5	94.1	94.3	94.3	94.0	94.4	94.2
1984	94.1	94.0	94.0	94.1	94.0	94.2	94.5	94.7	94.3	94.7	94.3	94.5
1985	94.7	94.8	94.5	94.9	94.6	94.5	94.5	94.6	94.9	94.7	94.7	94.7
1986	94.9	94.7	94.7	94.5	94.3	94.6	94.4	94.5	94.5	94.2	94.9	94.9
Civilian labor force participation rate, women, 25 to 34 years												
1982	67.6	67.6	67.7	67.5	67.7	67.8	67.9	68.3	68.2	68.2	68.3	69.0
1983	68.9	68.4	68.3	68.7	69.0	69.1	68.9	69.1	69.4	69.0	69.4	69.4
1984	69.1	69.5	69.4	69.6	69.9	70.0	70.1	70.3	69.6	70.0	69.7	69.9
1985	70.6	70.5	70.8	70.8	70.3	70.6	70.7	70.5	71.8	71.1	71.1	71.5
1986	70.8	70.9	71.3	71.5	71.5	71.8	71.8	71.8	71.8	72.0	72.3	71.9
Civilian labor force participation rate, both sexes, 35 to 44 years												
1982	81.0	81.2	81.0	80.9	81.3	81.4	81.4	81.5	81.2	81.4	81.3	81.5
1983	81.5	81.4	81.5	81.4	81.3	81.6	81.7	81.7	81.9	81.7	81.6	81.9
1984	81.7	82.3	82.2	82.3	82.9	82.5	82.6	82.4	82.4	82.5	82.4	82.8
1985	82.9	82.7	83.0	82.9	82.9	83.2	83.1	83.2	83.0	83.3	83.5	83.2
1986	83.3	83.3	83.3	83.3	83.5	83.6	83.9	84.1	84.0	84.1	83.7	83.9
Civilian labor force participation rate, men, 35 to 44 years												
1982	95.2	95.3	95.3	95.2	95.6	95.5	95.4	95.5	95.3	95.5	95.2	95.1
1983	94.8	94.8	95.1	95.1	95.3	95.4	95.5	95.3	95.5	95.3	95.2	95.4
1984	95.4	95.8	95.6	95.5	95.7	95.5	95.4	95.0	95.2	95.1	95.0	95.2
1985	95.3	95.0	95.1	95.1	95.1	95.1	95.1	95.0	94.9	95.0	94.8	94.7
1986	94.9	94.8	94.6	94.6	94.5	94.8	94.9	94.9	94.8	94.9	94.7	94.7
Civilian labor force participation rate, women, 35 to 44 years												
1982	67.7	68.0	67.4	67.5	67.9	68.0	68.2	68.2	67.9	68.1	68.1	68.6
1983	68.8	68.8	68.6	68.5	68.0	68.5	68.6	68.9	69.1	68.8	68.8	69.1
1984	68.6	69.5	69.6	69.8	70.8	70.1	70.4	70.5	70.3	70.5	70.5	71.0
1985	71.2	71.0	71.5	71.3	71.4	71.9	71.8	72.0	71.7	72.3	72.7	72.4
1986	72.2	72.3	72.5	72.6	72.9	73.0	73.5	73.8	73.7	73.8	73.3	73.6

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force participation rate, both sexes, 45 to 54 years												
1982	75.1	75.4	75.7	75.8	76.2	76.0	76.5	75.8	76.1	76.2	76.1	75.8
1983	75.4	75.2	75.5	75.7	75.6	76.2	76.3	76.8	76.8	76.5	76.0	76.2
1984	75.8	75.7	76.1	76.4	76.5	76.7	76.9	76.9	76.6	76.6	77.0	77.0
1985	76.9	77.4	77.5	77.6	77.1	76.9	76.9	77.3	77.4	77.2	77.4	77.6
1986	78.0	77.7	77.7	77.6	77.8	78.2	78.2	77.9	78.3	78.5	78.3	78.4
Civilian labor force participation rate, men, 45 to 54 years												
1982	91.1	90.8	91.0	90.9	91.4	91.3	91.3	91.2	91.7	91.7	91.5	91.2
1983	90.8	90.7	90.9	91.2	91.0	91.2	91.5	91.8	91.7	91.3	90.7	91.0
1984	90.7	90.8	90.9	90.9	90.8	91.3	91.2	91.6	91.2	91.1	91.7	91.6
1985	91.0	91.2	91.3	91.2	90.5	90.8	90.8	91.1	91.2	91.2	91.1	91.0
1986	91.0	91.0	91.0	91.1	91.1	91.1	91.0	90.9	91.1	90.8	90.8	90.8
Civilian labor force participation rate, women, 45 to 54 years												
1982	60.3	61.1	61.5	61.4	62.2	61.8	62.8	61.5	61.7	61.7	61.8	61.4
1983	61.0	60.8	61.2	61.3	61.3	62.2	62.1	62.8	62.9	62.7	62.3	62.5
1984	61.8	61.6	62.4	62.9	63.3	63.0	63.5	63.2	63.0	63.1	63.3	63.4
1985	63.8	64.4	64.7	64.9	64.5	64.0	63.9	64.4	64.6	64.1	64.5	65.1
1986	65.7	65.2	65.2	65.1	65.3	66.0	66.3	65.7	66.4	66.9	66.6	66.8
Civilian labor force participation rate, both sexes, 55 years and over												
1982	31.8	31.6	31.9	32.0	32.1	32.2	32.0	31.9	32.3	31.7	31.8	31.7
1983	31.6	31.5	31.4	31.3	31.2	31.4	31.3	31.2	31.5	31.4	31.3	31.3
1984	31.0	31.0	30.8	30.9	30.8	30.7	30.6	30.6	30.7	30.5	30.4	30.6
1985	30.4	30.4	30.8	30.5	30.4	30.4	30.1	30.3	30.1	30.3	30.1	30.1
1986	30.3	29.9	30.1	30.0	30.1	30.5	30.3	30.3	29.9	29.9	30.0	29.9
Civilian labor force participation rate, men, 55 years and over												
1982	43.8	43.6	44.0	44.1	44.1	44.3	43.8	43.5	44.1	43.5	43.6	43.4
1983	43.2	43.1	43.1	43.2	42.8	43.1	43.1	42.9	43.0	42.8	43.1	42.7
1984	42.4	42.2	41.9	41.8	41.8	41.6	41.7	41.8	42.0	41.4	41.3	41.4
1985	41.0	41.0	41.6	41.2	40.9	41.2	40.8	41.0	41.0	41.0	40.9	40.6
1986	40.9	40.3	40.6	40.5	40.7	40.7	40.3	40.1	39.9	40.1	40.4	40.7
Civilian labor force participation rate, women, 55 years and over												
1982	22.5	22.3	22.6	22.7	22.9	22.8	22.9	22.9	23.1	22.6	22.7	22.6
1983	22.7	22.6	22.4	22.2	22.3	22.4	22.2	22.3	22.6	22.5	22.3	22.5
1984	22.2	22.4	22.3	22.4	22.4	22.3	22.1	22.0	22.1	22.0	22.1	22.2
1985	22.1	22.2	22.4	22.2	22.2	22.0	21.8	21.9	21.7	21.9	21.7	21.9
1986	22.0	21.9	21.9	21.8	21.9	22.5	22.5	22.6	22.1	21.9	21.9	21.5
Civilian labor force participation rate, both sexes, 55 to 64 years												
1982	54.7	54.3	55.0	55.2	55.0	55.2	55.2	55.2	55.8	55.1	55.2	54.9
1983	54.8	54.7	54.3	54.3	54.2	54.6	54.4	54.2	54.4	54.6	54.6	54.7
1984	54.2	54.4	54.2	54.5	54.4	54.4	54.2	54.1	54.2	53.8	54.0	54.4
1985	54.1	54.1	54.7	54.3	54.2	54.3	54.1	54.3	54.0	54.2	53.9	53.8
1986	53.8	53.3	53.6	53.7	54.0	54.5	54.4	54.5	54.0	54.3	54.3	54.0
Civilian labor force participation rate, men, 55 to 64 years												
1982	70.0	69.6	70.2	70.5	70.3	70.4	70.2	70.2	71.2	70.5	70.1	69.8
1983	69.5	69.5	69.1	69.4	69.3	69.5	69.2	69.0	69.2	69.4	69.6	69.5
1984	68.9	68.8	68.4	68.6	68.3	68.4	68.5	68.7	68.7	68.1	68.3	68.8
1985	67.9	67.8	68.4	68.2	67.7	68.4	68.2	68.0	67.8	67.9	67.7	67.1
1986	67.1	66.3	67.0	67.2	67.6	67.4	67.2	67.1	67.3	67.7	67.7	67.9
Civilian labor force participation rate, women, 55 to 64 years												
1982	41.4	41.0	41.7	41.8	41.6	41.9	42.1	42.1	42.4	41.7	42.1	41.8
1983	41.9	41.7	41.4	41.1	41.0	41.6	41.4	41.3	41.4	41.7	41.4	41.8
1984	41.3	41.8	41.7	42.1	42.2	42.2	41.8	41.4	41.6	41.3	41.6	41.8
1985	41.8	41.9	42.5	42.1	42.3	41.8	41.6	42.1	41.7	42.1	41.7	42.0
1986	41.9	41.8	41.8	41.8	42.0	43.2	43.1	43.3	42.3	42.4	42.4	41.7

2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force participation rate, both sexes, 65 years and over												
1982	11.9	11.9	11.9	12.0	12.3	12.2	12.0	11.8	12.0	11.6	11.8	11.8
1983	11.8	11.8	11.8	11.8	11.6	11.6	11.7	11.7	12.1	11.7	11.7	11.5
1984	11.5	11.4	11.2	11.1	11.1	10.8	10.9	11.0	11.2	11.1	11.0	10.9
1985	10.8	10.9	11.1	10.9	10.7	10.7	10.5	10.6	10.7	10.8	10.7	10.9
1986	11.2	11.0	11.0	11.0	11.0	11.2	11.1	11.0	10.8	10.5	10.8	10.9
Civilian labor force participation rate, men, 65 years and over												
1982	17.9	17.9	18.0	18.1	18.2	18.4	17.8	17.3	17.6	17.1	17.6	17.6
1983	17.5	17.4	17.6	17.6	17.1	17.4	17.7	17.8	17.7	17.2	17.5	18.9
1984	17.0	16.8	16.4	16.2	16.4	16.1	16.1	16.2	16.6	16.2	15.9	15.6
1985	15.5	15.7	16.2	15.8	15.6	15.6	15.2	15.8	15.9	16.0	15.9	16.1
1986	16.5	16.2	16.2	16.1	16.1	16.4	16.0	15.7	15.3	15.2	15.8	18.2
Civilian labor force participation rate, women, 65 years and over												
1982	7.8	7.7	7.7	7.8	8.3	8.0	8.0	8.0	8.1	7.8	7.7	7.8
1983	7.8	7.9	7.8	7.7	7.9	7.6	7.5	7.7	8.3	7.9	7.8	7.8
1984	7.7	7.6	7.6	7.6	7.5	7.2	7.3	7.5	7.5	7.6	7.6	7.6
1985	7.5	7.5	7.5	7.5	7.3	7.3	7.3	7.1	7.0	7.1	7.1	7.2
1986	7.4	7.3	7.3	7.3	7.4	7.6	7.7	7.7	7.6	7.2	7.3	7.2
Civilian labor force participation rate, white workers												
1982	64.0	64.2	64.2	64.3	64.6	64.4	64.4	64.4	64.5	64.4	64.5	64.4
1983	64.1	64.0	63.9	64.0	64.0	64.5	64.4	64.6	64.6	64.5	64.6	64.6
1984	64.3	64.5	64.5	64.6	64.9	64.9	64.8	64.5	64.6	64.6	64.6	64.9
1985	64.9	65.0	65.1	65.0	65.0	64.8	64.9	64.8	65.1	65.2	65.2	65.2
1986	65.2	65.3	65.3	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7
Civilian labor force participation rate, white men												
1982	77.4	77.5	77.4	77.5	77.8	77.4	77.3	77.4	77.6	77.6	77.5	77.3
1983	76.7	76.8	76.7	76.8	76.9	77.5	77.4	77.4	77.3	77.2	77.3	77.2
1984	77.0	77.0	77.0	77.0	77.0	77.4	77.1	76.8	77.2	77.0	77.1	77.3
1985	77.0	77.0	77.0	77.0	77.1	76.9	76.9	76.8	76.9	77.1	77.0	76.8
1986	77.0	77.0	76.9	76.8	76.8	76.9	76.8	76.8	76.9	78.9	77.1	77.1
Civilian labor force participation rate, white women												
1982	51.9	52.1	52.1	52.3	52.6	52.5	52.7	52.6	52.6	52.5	52.7	52.8
1983	52.6	52.3	52.2	52.3	52.2	52.7	52.6	53.0	53.1	52.9	53.0	53.1
1984	52.8	53.0	53.1	53.3	53.8	53.4	53.6	53.2	53.2	53.3	53.3	53.6
1985	53.9	54.1	54.3	54.0	54.0	53.7	53.9	53.9	54.3	54.4	54.4	54.6
1986	54.5	54.6	54.7	54.7	54.9	55.2	55.3	55.4	55.2	55.3	55.2	55.1
Civilian labor force participation rate, white workers, 16 to 19 years												
1982	57.6	57.8	57.2	58.2	58.9	56.7	56.5	57.3	57.3	57.8	57.7	57.0
1983	57.1	56.4	56.5	55.9	55.6	58.4	57.2	58.3	57.2	56.7	56.9	57.5
1984	57.0	57.2	57.5	57.3	57.4	58.5	57.6	55.7	57.4	57.0	58.7	57.8
1985	58.2	56.3	58.4	57.6	57.9	56.0	57.8	56.2	57.1	57.8	57.4	57.4
1986	56.6	58.1	57.8	58.1	58.1	57.9	57.2	58.1	57.9	58.4	58.0	57.3
Civilian labor force participation rate, white men, 16 to 19 years												
1982	61.1	60.8	60.3	60.6	62.2	58.9	57.9	59.9	59.1	59.9	60.0	59.4
1983	59.1	59.0	58.7	58.2	58.0	61.1	59.6	60.5	59.7	59.2	59.6	59.8
1984	58.3	58.7	59.8	58.6	59.1	60.8	59.0	57.0	59.0	59.0	59.2	60.1
1985	60.5	60.1	60.5	60.6	60.8	59.3	60.4	58.7	58.6	60.0	58.6	58.9
1986	57.8	59.5	58.7	59.5	59.5	59.5	58.9	59.9	60.3	59.8	59.6	58.2
Civilian labor force participation rate, white women, 16 to 19 years												
1982	54.4	54.8	54.0	55.7	55.7	54.5	55.1	54.7	55.5	55.8	55.5	54.6
1983	55.1	53.7	54.2	53.7	53.1	55.6	54.7	56.0	54.7	54.0	54.2	55.1
1984	55.6	55.6	55.1	56.0	55.8	56.3	56.2	54.5	55.8	55.0	54.1	55.3
1985	55.9	56.6	56.3	54.5	55.1	52.6	55.2	53.6	55.7	55.5	56.2	55.9
1986	55.3	56.6	56.8	56.7	56.6	56.2	55.5	56.2	55.5	56.9	56.3	56.5

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force participation rate, white workers, 20 years and over												
1982	64.6	64.8	64.9	64.9	65.2	65.1	65.2	65.1	65.2	65.0	65.1	65.1
1983	64.7	64.7	64.6	64.7	64.8	65.1	65.0	65.2	65.3	65.2	65.3	65.2
1984	65.0	65.1	65.1	65.2	65.5	65.4	65.4	65.2	65.2	65.3	65.3	65.5
1985	65.5	65.6	65.7	65.6	65.6	65.6	65.5	65.6	65.8	65.9	65.8	65.8
1986	66.0	65.9	65.9	65.9	66.0	66.3	66.3	66.3	66.2	66.2	66.3	66.3
Civilian labor force participation rate, white men, 20 years and over												
1982	79.0	79.3	79.2	79.2	79.4	79.3	79.3	79.1	79.4	79.3	79.3	79.0
1983	78.5	78.6	78.5	78.6	78.7	79.0	79.1	79.0	79.0	79.0	79.0	78.9
1984	78.7	78.7	78.6	78.7	78.7	78.9	78.8	78.7	78.8	78.7	78.7	78.8
1985	78.5	78.5	78.5	78.5	78.5	78.5	78.3	78.4	78.6	78.7	78.6	78.4
1986	78.6	78.6	78.5	78.3	78.4	78.5	78.4	78.2	78.4	78.3	78.7	78.8
Civilian labor force participation rate, white women, 20 years and over												
1982	51.6	51.8	52.0	52.0	52.3	52.3	52.4	52.4	52.3	52.2	52.4	52.6
1983	52.4	52.2	52.1	52.2	52.1	52.5	52.4	52.7	52.9	52.8	52.9	52.9
1984	52.6	52.8	52.9	53.1	53.6	53.2	53.3	53.1	52.9	53.2	53.2	53.5
1985	53.7	53.9	54.1	54.0	53.9	53.8	53.8	53.9	54.2	54.3	54.2	54.5
1986	54.4	54.4	54.5	54.5	54.8	55.1	55.3	55.4	55.2	55.2	55.1	55.0
Civilian labor force participation rate, black workers												
1982	61.0	61.0	60.8	60.4	60.8	60.4	60.8	61.0	61.2	61.2	61.4	61.7
1983	61.9	61.7	61.4	61.5	61.4	62.0	62.0	61.8	61.7	60.8	61.0	61.2
1984	61.1	61.9	61.5	61.4	61.9	61.9	62.5	63.0	62.3	62.7	63.0	63.0
1985	63.2	63.1	62.7	62.9	62.8	62.5	62.8	62.7	62.8	62.8	62.9	63.4
1986	63.3	63.3	63.5	63.7	63.8	63.6	63.0	62.7	63.1	63.3	63.2	63.1
Civilian labor force participation rate, black men												
1982	70.0	70.3	70.0	69.8	69.9	69.2	69.7	69.8	70.2	70.4	70.9	70.8
1983	70.8	70.2	70.0	70.4	70.4	71.6	71.5	71.3	70.6	69.7	70.3	70.1
1984	70.3	71.3	70.7	69.9	70.6	70.4	70.9	71.3	70.7	71.1	70.9	71.1
1985	70.9	71.1	70.4	70.5	70.5	70.1	70.7	71.1	71.2	71.0	70.6	71.0
1986	71.5	71.3	71.6	71.5	71.9	71.6	71.2	70.5	70.7	70.8	70.5	70.7
Civilian labor force participation rate, black women												
1982	53.9	53.5	53.4	52.9	53.5	53.3	53.7	53.9	54.0	53.9	53.8	54.3
1983	54.8	54.8	54.4	54.2	54.2	54.3	54.2	54.2	54.6	53.6	53.5	54.0
1984	53.6	54.4	54.1	54.6	54.8	55.0	55.6	56.3	55.5	55.9	56.6	56.4
1985	56.9	56.6	56.6	56.7	56.6	56.3	56.4	55.9	56.1	56.1	56.8	57.2
1986	56.6	56.8	57.0	57.3	57.2	57.2	56.4	56.4	56.9	57.2	57.3	56.9
Civilian labor force participation rate, black workers, 16 to 19 years												
1982	37.0	38.2	37.3	34.6	36.6	32.5	35.5	37.9	37.6	37.1	37.5	37.2
1983	36.2	35.1	34.5	36.0	35.8	39.3	36.9	38.3	36.4	35.2	36.4	36.4
1984	35.3	37.0	35.3	37.6	35.7	38.1	39.6	40.4	40.1	40.4	40.1	40.2
1985	41.4	41.4	40.9	41.1	41.9	38.1	42.7	40.7	40.3	42.3	41.2	42.1
1986	42.0	42.8	43.7	43.5	43.2	42.9	38.7	38.8	40.9	41.1	39.3	39.8
Civilian labor force participation rate, black men, 16 to 19 years												
1982	40.1	41.8	40.9	38.9	39.5	35.4	38.2	41.1	40.4	40.3	40.3	39.7
1983	40.0	38.2	38.6	38.2	39.2	43.7	41.8	42.3	39.1	38.2	39.9	38.5
1984	38.2	39.7	40.4	41.3	40.8	41.5	41.8	43.0	43.0	43.2	43.4	43.7
1985	45.0	43.0	43.5	44.5	43.1	41.7	46.5	46.4	44.9	46.2	43.6	45.7
1986	44.5	45.7	45.5	45.6	48.1	43.8	42.7	41.8	42.2	42.2	40.4	41.6
Civilian labor force participation rate, black women, 16 to 19 years												
1982	34.2	34.8	33.8	30.5	33.9	29.7	32.9	34.9	35.0	34.0	34.7	34.7
1983	32.6	32.2	30.5	33.9	32.6	35.0	32.1	34.4	33.8	32.3	33.0	34.3
1984	32.5	34.5	30.4	34.1	30.8	34.8	37.5	38.0	37.2	37.7	36.9	36.8
1985	37.9	39.9	38.5	37.8	40.7	34.6	39.0	35.2	35.9	38.4	38.9	38.6
1986	39.6	39.9	42.0	41.5	38.4	42.1	34.8	35.9	39.7	40.0	38.2	38.1

2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force participation rate, black workers, 20 years and over												
1982	64.4	64.1	64.1	64.0	64.1	64.3	64.3	64.2	64.4	64.5	64.7	65.1
1983	65.4	65.3	65.0	64.9	64.9	65.1	65.3	65.0	65.1	64.2	64.2	64.4
1984	64.4	65.1	64.9	64.5	65.2	64.9	65.3	65.8	65.1	65.5	65.8	65.8
1985	65.9	65.8	65.4	65.6	65.4	65.5	65.3	65.4	65.6	65.3	65.6	66.0
1986	65.9	65.8	65.9	66.1	66.3	66.1	66.0	65.5	65.7	66.0	66.1	65.8
Civilian labor force participation rate, black men, 20 years and over												
1982	74.6	74.7	74.5	74.5	74.5	74.4	74.5	74.2	74.8	74.9	75.5	75.6
1983	75.5	75.0	74.8	75.2	75.0	75.7	75.9	75.5	75.2	74.3	74.7	74.6
1984	74.9	75.7	75.0	74.0	74.8	74.4	74.9	75.2	74.5	74.9	74.6	74.8
1985	74.5	75.0	74.1	74.1	74.2	74.0	74.1	74.4	74.7	74.4	74.2	74.4
1986	75.2	74.7	75.1	75.0	75.1	75.3	75.0	74.2	74.4	74.6	74.5	74.5
Civilian labor force participation rate, black women, 20 years and over												
1982	56.4	55.8	55.9	55.8	56.0	56.3	56.3	56.3	56.3	56.4	56.2	56.8
1983	57.5	57.6	57.4	56.7	56.9	56.7	56.9	56.6	57.1	56.2	55.9	56.3
1984	56.1	56.7	56.9	57.0	57.6	57.3	57.7	58.4	57.6	58.0	58.8	58.6
1985	59.1	58.4	58.6	58.9	58.4	58.8	58.4	58.3	58.3	58.1	58.7	59.2
1986	58.5	58.6	58.6	59.1	59.2	58.6	58.8	58.6	58.8	59.1	59.3	58.9
Civilian labor force participation rate, Hispanic-origin workers												
1982	63.6	64.3	64.3	64.0	64.5	63.3	63.0	63.5	63.2	63.7	63.2	63.6
1983	63.4	63.5	63.0	63.7	63.4	64.1	63.5	64.3	64.1	63.5	63.9	64.0
1984	64.6	63.8	64.8	64.3	64.8	65.1	64.9	65.1	65.2	65.1	65.1	65.9
1985	64.1	64.5	64.7	64.3	64.2	64.3	64.6	65.2	65.4	65.2	64.4	64.2
1986	64.2	65.0	64.9	65.0	65.1	65.6	65.7	65.6	65.8	65.8	65.8	66.3

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

3. Employed persons by sex, age, race, Hispanic origin, and marital status

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Total employed, including resident Armed Forces, total												
1982	101,348	101,426	101,343	101,244	101,781	101,207	101,167	101,322	101,174	100,883	100,772	100,697
1983	100,835	100,776	100,853	101,244	101,340	102,241	102,880	103,279	103,719	103,744	104,405	104,668
1984	104,885	105,540	105,650	106,067	106,909	107,235	107,144	106,876	107,188	107,351	107,666	107,898
1985	107,988	108,308	108,666	108,651	108,700	108,243	108,546	108,862	109,334	109,492	109,680	109,847
1986	110,583	110,248	110,500	110,664	110,852	111,293	111,559	111,764	111,703	111,941	112,183	112,387
Total employed, including resident Armed Forces, men												
1982	58,192	58,237	58,073	58,039	58,293	57,697	57,650	57,712	57,575	57,471	57,363	57,302
1983	57,328	57,256	57,346	57,544	57,674	58,375	58,668	58,693	58,860	58,985	59,429	59,578
1984	59,769	60,077	60,177	60,252	60,559	60,942	60,764	60,770	60,979	61,035	61,183	61,211
1985	61,119	61,144	61,342	61,370	61,507	61,181	61,315	61,523	61,696	61,704	61,759	61,762
1986	62,392	62,142	62,221	62,253	62,201	62,318	62,402	62,483	62,528	62,565	62,833	62,986
Total employed, including resident Armed Forces, women												
1982	43,156	43,189	43,270	43,205	43,488	43,510	43,517	43,610	43,599	43,412	43,409	43,395
1983	43,507	43,520	43,507	43,700	43,666	43,866	44,212	44,586	44,859	44,759	44,976	45,090
1984	45,118	45,463	45,473	45,815	46,350	46,293	46,380	46,106	46,209	46,316	46,483	46,687
1985	46,869	47,184	47,324	47,281	47,193	47,062	47,231	47,339	47,638	47,788	47,920	48,085
1986	48,191	48,106	48,279	48,411	48,651	48,975	49,157	49,281	49,175	49,376	49,350	49,401
Employed, all civilian workers												
1982	99,692	99,762	99,672	99,576	100,116	99,543	99,493	99,633	99,504	99,215	99,112	99,032
1983	99,168	99,112	99,189	99,573	99,671	100,573	101,216	101,597	102,024	102,049	102,720	102,980
1984	103,199	103,856	103,984	104,374	105,219	105,545	105,446	105,164	105,468	105,646	105,967	106,200
1985	106,291	106,605	106,965	106,949	106,995	106,541	106,842	107,136	107,602	107,792	107,978	108,149
1986	108,892	108,557	108,807	108,969	109,165	109,613	109,887	110,067	109,987	110,192	110,432	110,637
Employed men												
1982	56,672	56,710	56,541	56,510	56,766	56,171	56,113	56,161	56,049	55,947	55,847	55,773
1983	55,797	55,728	55,818	56,014	56,146	56,850	57,147	57,155	57,311	57,442	57,895	58,041
1984	58,227	58,537	58,635	58,704	59,014	59,397	59,213	59,207	59,408	59,478	59,631	59,661
1985	59,570	59,590	59,789	59,817	59,951	59,629	59,761	59,949	60,116	60,153	60,207	60,213
1986	60,853	60,603	60,681	60,712	60,668	60,793	60,884	60,942	60,968	60,975	61,241	61,393
Employed women												
1982	43,020	43,052	43,131	43,066	43,350	43,372	43,380	43,472	43,455	43,268	43,265	43,259
1983	43,371	43,384	43,371	43,559	43,525	43,723	44,089	44,442	44,713	44,607	44,825	44,939
1984	44,972	45,319	45,329	45,670	46,205	46,148	46,233	45,957	46,060	46,168	46,336	46,539
1985	46,721	47,015	47,176	47,132	47,044	46,912	47,081	47,187	47,486	47,639	47,771	47,936
1986	48,039	47,954	48,126	48,257	48,497	48,820	49,003	49,125	49,019	49,217	49,191	49,244
Employed both sexes, 16 to 19 years												
1982	6,768	6,731	6,682	6,647	6,761	6,391	6,369	6,500	6,469	6,486	6,464	6,371
1983	6,420	6,318	6,202	6,206	6,187	6,371	6,336	6,444	6,386	6,302	6,439	6,494
1984	6,431	6,443	6,355	6,448	6,463	6,599	6,537	6,335	6,430	6,415	6,459	6,465
1985	6,553	6,584	6,574	6,554	6,494	6,194	6,405	6,362	6,415	6,325	6,425	6,378
1986	6,341	6,441	6,485	6,483	6,492	6,434	6,474	6,526	6,475	6,577	6,482	6,478
Employed men, 16 to 19 years												
1982	3,569	3,538	3,487	3,429	3,532	3,238	3,217	3,364	3,289	3,323	3,310	3,276
1983	3,311	3,272	3,191	3,199	3,213	3,350	3,316	3,323	3,325	3,294	3,398	3,381
1984	3,266	3,328	3,344	3,319	3,341	3,411	3,289	3,272	3,315	3,295	3,360	3,369
1985	3,417	3,371	3,420	3,431	3,385	3,265	3,310	3,295	3,287	3,237	3,265	3,285
1986	3,254	3,307	3,293	3,320	3,330	3,271	3,340	3,357	3,361	3,380	3,358	3,292
Employed women, 16 to 19 years												
1982	3,199	3,193	3,195	3,218	3,229	3,153	3,152	3,136	3,180	3,163	3,154	3,095
1983	3,109	3,046	3,011	3,009	2,974	3,021	3,020	3,121	3,061	3,008	3,041	3,113
1984	3,165	3,115	3,011	3,129	3,122	3,188	3,248	3,063	3,115	3,120	3,099	3,096
1985	3,136	3,213	3,154	3,123	3,109	2,929	3,095	3,067	3,128	3,088	3,160	3,093
1986	3,087	3,134	3,192	3,163	3,162	3,163	3,134	3,169	3,114	3,197	3,124	3,186

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

3. Employed persons by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed both sexes, 20 years and over												
1982	92,924	93,031	92,990	92,929	93,355	93,152	93,124	93,133	93,035	92,729	92,648	92,661
1983	92,748	92,794	92,987	93,365	93,484	94,202	94,880	95,153	95,638	95,747	96,281	96,486
1984	96,768	97,413	97,609	97,926	98,756	98,946	98,909	98,829	99,038	99,231	99,508	99,735
1985	99,738	100,021	100,391	100,395	100,501	100,347	100,437	100,774	101,187	101,467	101,553	101,771
1986	102,551	102,116	102,322	102,486	102,673	103,179	103,413	103,541	103,512	103,615	103,950	104,159
Employed men, 20 years and over												
1982	53,103	53,172	53,054	53,081	53,234	52,933	52,896	52,797	52,760	52,624	52,537	52,497
1983	52,486	52,456	52,627	52,815	52,933	53,500	53,831	53,832	53,986	54,148	54,497	54,660
1984	54,961	55,209	55,291	55,385	55,673	55,986	55,924	55,935	56,093	56,183	56,271	56,292
1985	56,153	56,219	56,369	56,386	56,566	56,364	56,451	56,854	56,829	56,916	56,942	56,928
1986	57,599	57,296	57,388	57,392	57,338	57,522	57,544	57,585	57,607	57,595	57,883	58,101
Employed women, 20 years and over												
1982	39,821	39,859	39,936	39,848	40,121	40,219	40,228	40,336	40,275	40,105	40,111	40,164
1983	40,262	40,338	40,360	40,550	40,551	40,702	41,049	41,321	41,652	41,599	41,784	41,826
1984	41,807	42,204	42,318	42,541	43,083	42,960	42,985	42,894	42,945	43,048	43,237	43,443
1985	43,585	43,802	44,022	44,009	43,935	43,983	43,986	44,120	44,358	44,551	44,611	44,843
1986	44,952	44,820	44,934	45,094	45,335	45,657	45,869	45,956	45,905	46,020	46,067	46,058
Employed both sexes, 20 to 24 years												
1982	13,857	13,819	13,831	13,758	13,794	13,749	13,687	13,647	13,578	13,518	13,496	13,546
1983	13,495	13,519	13,519	13,551	13,445	13,794	13,936	13,832	13,867	13,814	13,921	13,917
1984	14,006	14,117	14,146	14,130	14,313	14,464	14,316	14,037	14,170	14,240	14,293	14,224
1985	14,143	14,062	13,989	14,055	14,000	13,953	13,913	13,908	13,972	13,977	13,866	13,955
1986	13,947	14,009	13,933	13,815	13,719	13,816	13,794	13,755	13,688	13,686	13,719	13,615
Employed men, 20 to 24 years												
1982	7,335	7,318	7,278	7,236	7,259	7,199	7,204	7,165	7,104	7,111	7,076	7,090
1983	7,074	7,071	7,067	7,094	7,042	7,362	7,353	7,327	7,308	7,281	7,385	7,379
1984	7,453	7,524	7,565	7,573	7,629	7,755	7,596	7,479	7,548	7,569	7,612	7,532
1985	7,422	7,369	7,319	7,396	7,369	7,328	7,283	7,328	7,359	7,286	7,307	7,320
1986	7,386	7,428	7,368	7,256	7,166	7,238	7,250	7,210	7,167	7,207	7,188	7,157
Employed women, 20 to 24 years												
1982	6,522	6,501	6,553	6,522	6,535	6,550	6,483	6,482	6,474	6,407	6,420	6,456
1983	6,421	6,448	6,452	6,457	6,403	6,432	6,583	6,505	6,559	6,533	6,536	6,538
1984	6,553	6,593	6,581	6,557	6,684	6,709	6,722	6,558	6,622	6,671	6,681	6,692
1985	6,721	6,693	6,670	6,659	6,631	6,625	6,630	6,580	6,613	6,691	6,559	6,635
1986	6,561	6,581	6,565	6,559	6,553	6,578	6,544	6,545	6,521	6,479	6,531	6,458
Employed both sexes, 25 years and over												
1982	79,053	79,199	79,180	79,136	79,571	79,444	79,483	79,478	79,446	79,210	79,139	79,103
1983	79,238	79,279	79,494	79,784	80,028	80,433	80,995	81,295	81,757	81,922	82,360	82,544
1984	82,739	83,307	83,507	83,780	84,422	84,488	84,647	84,767	84,854	84,977	85,217	85,489
1985	85,574	85,970	86,437	86,326	86,469	86,411	86,620	86,849	87,195	87,466	87,686	87,804
1986	88,573	88,119	88,422	88,650	88,916	89,387	89,730	89,792	89,796	89,899	90,221	90,524
Employed men, 25 years and over												
1982	45,753	45,844	45,799	45,838	45,992	45,765	45,702	45,637	45,647	45,494	45,458	45,384
1983	45,399	45,396	45,585	45,728	45,891	46,143	46,485	46,500	46,667	46,839	47,122	47,255
1984	47,488	47,707	47,768	47,831	48,034	48,213	48,330	48,454	48,538	48,582	48,671	48,746
1985	48,714	48,875	49,083	49,005	49,178	49,018	49,193	49,332	49,456	49,590	49,646	49,604
1986	50,193	49,899	50,057	50,142	50,152	50,267	50,321	50,393	50,419	50,348	50,705	50,943
Employed women, 25 years and over												
1982	33,300	33,355	33,381	33,298	33,579	33,679	33,781	33,841	33,799	33,716	33,681	33,719
1983	33,839	33,883	33,909	34,056	34,137	34,290	34,510	34,795	35,090	35,083	35,238	35,289
1984	35,251	35,600	35,739	35,949	36,388	36,275	36,317	36,313	36,316	36,395	36,546	36,743
1985	36,860	37,095	37,354	37,321	37,291	37,393	37,427	37,517	37,739	37,876	38,040	38,200
1986	38,380	38,220	38,365	38,508	38,764	39,120	39,409	39,399	39,377	39,551	39,516	39,581

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

3. Employed persons by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed both sexes, 25 to 54 years												
1982	64,764	64,951	64,815	64,819	65,051	65,026	65,113	65,169	64,967	64,967	64,857	64,918
1983	65,033	65,028	65,293	65,706	65,816	66,285	66,758	67,101	67,432	67,588	67,993	68,255
1984	68,511	68,930	69,255	69,539	70,071	70,359	70,405	70,620	70,617	70,869	71,032	71,260
1985	71,363	71,608	71,921	72,020	72,107	72,173	72,408	72,617	72,988	73,145	73,408	73,612
1986	74,238	73,926	74,164	74,398	74,464	74,894	75,207	75,405	75,582	75,714	75,889	76,247
Employed men, 25 to 54 years												
1982	37,190	37,283	37,198	37,234	37,306	37,160	37,123	37,164	37,048	37,027	36,976	36,944
1983	36,987	36,958	37,146	37,333	37,460	37,730	37,971	38,047	38,202	38,357	38,569	38,810
1984	39,031	39,210	39,368	39,449	39,602	39,887	39,915	40,069	40,126	40,240	40,318	40,385
1985	40,318	40,419	40,504	40,551	40,731	40,603	40,791	40,854	41,002	41,121	41,180	41,227
1986	41,701	41,542	41,626	41,720	41,637	41,853	41,884	42,050	42,124	42,049	42,278	42,485
Employed women, 25 to 54 years												
1982	27,574	27,668	27,617	27,585	27,745	27,866	27,990	28,005	27,919	27,940	27,881	27,974
1983	28,046	28,070	28,147	28,373	28,356	28,555	28,787	29,054	29,230	29,231	29,424	29,445
1984	29,480	29,720	29,887	30,090	30,469	30,472	30,490	30,551	30,491	30,629	30,714	30,875
1985	31,047	31,187	31,417	31,469	31,376	31,570	31,617	31,763	31,986	32,024	32,228	32,385
1986	32,537	32,384	32,538	32,678	32,827	33,041	33,323	33,355	33,458	33,665	33,611	33,762
Employed both sexes, 25 to 34 years												
1982	28,289	28,338	28,226	28,146	28,170	28,050	28,060	28,223	28,058	28,058	28,053	28,100
1983	28,101	28,097	28,102	28,432	28,586	28,682	28,866	28,954	29,102	29,160	29,434	29,516
1984	29,663	29,807	29,894	30,054	30,272	30,467	30,491	30,675	30,642	30,754	30,683	30,760
1985	30,805	30,883	31,016	31,011	31,012	31,122	31,270	31,238	31,540	31,480	31,482	31,632
1986	32,039	31,812	31,963	32,033	31,992	32,250	32,244	32,349	32,362	32,311	32,524	32,542
Employed men, 25 to 34 years												
1982	16,137	16,166	16,095	16,096	16,115	15,965	15,953	15,993	15,900	15,880	15,884	15,838
1983	15,847	15,843	15,840	16,003	16,101	16,197	16,284	16,302	16,380	16,466	16,609	16,703
1984	16,771	16,827	16,929	16,997	17,073	17,199	17,239	17,369	17,402	17,436	17,371	17,377
1985	17,370	17,408	17,439	17,471	17,538	17,520	17,609	17,580	17,653	17,720	17,715	17,753
1986	18,149	18,014	18,051	18,030	17,929	18,092	18,035	18,150	18,143	18,025	18,230	18,270
Employed women, 25 to 34 years												
1982	12,152	12,172	12,131	12,050	12,055	12,085	12,107	12,230	12,158	12,178	12,169	12,262
1983	12,254	12,254	12,262	12,429	12,485	12,485	12,582	12,652	12,722	12,694	12,825	12,813
1984	12,892	12,980	12,965	13,057	13,199	13,268	13,252	13,306	13,240	13,318	13,312	13,383
1985	13,435	13,475	13,577	13,540	13,474	13,602	13,661	13,658	13,887	13,760	13,767	13,879
1986	13,890	13,798	13,912	14,003	14,063	14,158	14,209	14,199	14,219	14,286	14,294	14,272
Employed both sexes, 35 to 44 years												
1982	20,538	20,647	20,624	20,710	20,839	20,939	21,006	21,049	21,049	21,068	21,007	21,070
1983	21,285	21,354	21,525	21,624	21,604	21,814	21,996	22,179	22,301	22,431	22,602	22,776
1984	22,888	23,162	23,257	23,324	23,632	23,616	23,675	23,651	23,778	23,888	24,063	24,214
1985	24,203	24,269	24,414	24,506	24,581	24,614	24,705	24,837	24,907	25,136	25,286	25,290
1986	25,370	25,323	25,429	25,557	25,651	25,755	25,978	26,121	26,185	26,241	26,224	26,468
Employed men, 35 to 44 years												
1982	11,729	11,820	11,815	11,865	11,918	11,927	11,954	11,963	11,966	11,970	11,935	11,960
1983	12,045	12,093	12,225	12,253	12,295	12,412	12,500	12,550	12,604	12,689	12,804	12,923
1984	13,023	13,132	13,167	13,163	13,262	13,302	13,316	13,280	13,386	13,456	13,557	13,650
1985	13,593	13,610	13,651	13,686	13,768	13,700	13,790	13,875	13,924	13,985	14,006	13,992
1986	14,044	14,011	14,077	14,169	14,174	14,215	14,308	14,341	14,406	14,418	14,452	14,564
Employed women, 35 to 44 years												
1982	8,809	8,827	8,809	8,845	8,921	9,012	9,052	9,086	9,083	9,098	9,072	9,110
1983	9,240	9,261	9,300	9,371	9,309	9,402	9,496	9,629	9,697	9,742	9,798	9,853
1984	9,865	10,030	10,090	10,161	10,370	10,314	10,359	10,371	10,392	10,432	10,506	10,564
1985	10,610	10,659	10,763	10,820	10,813	10,914	10,915	10,962	10,983	11,151	11,280	11,298
1986	11,326	11,312	11,352	11,388	11,477	11,540	11,670	11,780	11,779	11,823	11,772	11,904

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

3. Employed persons by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed both sexes, 45 to 54 years												
1982	15,937	15,966	15,965	15,963	16,042	16,037	16,047	15,897	15,860	15,841	15,797	15,748
1983	15,647	15,577	15,666	15,850	15,626	15,789	15,896	15,968	16,029	15,997	15,957	15,963
1984	15,960	15,961	16,104	16,161	18,167	16,276	16,239	16,294	16,197	16,227	16,286	16,286
1985	16,355	16,454	16,491	16,503	16,514	16,437	16,433	16,542	16,541	16,529	16,640	16,690
1986	16,829	16,791	16,772	16,808	16,821	16,889	16,985	16,935	17,035	17,162	17,141	17,237
Employed men, 45 to 54 years												
1982	9,324	9,297	9,288	9,273	9,273	9,268	9,216	9,208	9,182	9,177	9,157	9,146
1983	9,095	9,022	9,081	9,077	9,064	9,121	9,167	9,195	9,218	9,202	9,156	9,184
1984	9,237	9,251	9,272	9,289	9,267	9,386	9,360	9,420	9,338	9,348	9,390	9,358
1985	9,353	9,401	9,414	9,394	9,425	9,383	9,392	9,399	9,425	9,416	9,459	9,482
1986	9,508	9,517	9,496	9,521	9,534	9,546	9,541	9,559	9,575	9,606	9,596	9,651
Employed women, 45 to 54 years												
1982	6,613	6,669	6,677	6,690	6,769	6,769	6,831	6,689	6,678	6,664	6,640	6,602
1983	6,552	6,555	6,585	6,573	6,562	6,668	6,709	6,773	6,811	6,795	6,801	6,779
1984	6,723	6,710	6,832	6,872	6,900	6,890	6,879	6,874	6,859	6,879	6,896	6,928
1985	7,002	7,053	7,077	7,109	7,089	7,054	7,041	7,143	7,116	7,113	7,181	7,208
1986	7,321	7,274	7,274	7,287	7,287	7,343	7,444	7,376	7,460	7,556	7,545	7,586
Employed both sexes, 55 years and over												
1982	14,319	14,205	14,339	14,351	14,425	14,422	14,364	14,319	14,518	14,251	14,286	14,217
1983	14,234	14,198	14,173	14,110	14,111	14,178	14,221	14,232	14,365	14,347	14,364	14,336
1984	14,248	14,314	14,236	14,274	14,246	14,165	14,197	14,186	14,282	14,129	14,185	14,279
1985	14,227	14,298	14,496	14,331	14,258	14,253	14,145	14,278	14,243	14,351	14,288	14,271
1986	14,336	14,131	14,230	14,266	14,352	14,501	14,447	14,445	14,269	14,223	14,341	14,349
Employed men, 55 years and over												
1982	8,587	8,539	8,593	8,607	8,630	8,641	8,560	8,471	8,631	8,476	8,487	8,456
1983	8,427	8,413	8,421	8,394	8,372	8,458	8,491	8,467	8,497	8,500	8,550	8,476
1984	8,463	8,461	8,385	8,386	8,373	8,370	8,381	8,402	8,448	8,366	8,346	8,390
1985	8,389	8,421	8,565	8,459	8,394	8,444	8,358	8,492	8,477	8,496	8,462	8,428
1986	8,480	8,329	8,411	8,426	8,462	8,441	8,402	8,357	8,323	8,329	8,428	8,507
Employed women, 55 years and over												
1982	5,732	5,666	5,746	5,744	5,795	5,781	5,804	5,848	5,887	5,775	5,799	5,761
1983	5,807	5,785	5,752	5,716	5,739	5,720	5,730	5,765	5,868	5,847	5,814	5,860
1984	5,785	5,853	5,851	5,888	5,873	5,795	5,816	5,784	5,834	5,763	5,839	5,889
1985	5,838	5,877	5,931	5,872	5,864	5,809	5,787	5,786	5,766	5,855	5,826	5,843
1986	5,856	5,802	5,819	5,840	5,890	6,060	6,045	6,088	5,946	5,894	5,913	5,842
Employed both sexes, 55 to 64 years												
1982	11,407	11,299	11,426	11,432	11,419	11,399	11,417	11,440	11,583	11,401	11,406	11,323
1983	11,338	11,297	11,226	11,192	11,228	11,298	11,318	11,295	11,354	11,379	11,396	11,436
1984	11,340	11,429	11,398	11,457	11,431	11,399	11,398	11,369	11,412	11,264	11,363	11,458
1985	11,447	11,474	11,620	11,500	11,461	11,466	11,410	11,490	11,430	11,518	11,465	11,396
1986	11,385	11,245	11,332	11,338	11,420	11,520	11,486	11,507	11,383	11,406	11,426	11,405
Employed men, 55 to 64 years												
1982	6,800	6,751	6,803	6,809	6,809	6,779	6,779	6,753	6,882	6,768	6,737	6,692
1983	6,677	6,675	6,632	6,620	6,652	6,699	6,693	6,680	6,703	6,713	6,743	6,740
1984	6,704	6,711	6,677	6,705	6,683	6,683	6,684	6,709	6,710	6,655	6,674	6,733
1985	6,747	6,744	6,835	6,767	6,713	6,774	6,742	6,779	6,747	6,765	6,743	6,678
1986	6,679	6,571	6,646	6,652	6,693	6,655	6,647	6,632	6,636	6,658	6,677	6,697
Employed women, 55 to 64 years												
1982	4,607	4,548	4,623	4,623	4,610	4,620	4,638	4,687	4,701	4,633	4,669	4,631
1983	4,661	4,622	4,594	4,572	4,576	4,599	4,625	4,615	4,651	4,666	4,653	4,696
1984	4,636	4,718	4,721	4,752	4,748	4,716	4,714	4,660	4,702	4,609	4,689	4,725
1985	4,700	4,730	4,785	4,733	4,748	4,692	4,668	4,711	4,683	4,753	4,722	4,718
1986	4,706	4,674	4,686	4,686	4,727	4,865	4,839	4,875	4,747	4,748	4,749	4,708

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

3. Employed persons by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed both sexes, 65 years and over												
1982	2,912	2,906	2,913	2,919	3,006	3,023	2,947	2,879	2,935	2,850	2,880	2,894
1983	2,896	2,901	2,947	2,918	2,883	2,880	2,903	2,937	3,011	2,968	2,968	2,900
1984	2,908	2,885	2,838	2,817	2,815	2,766	2,799	2,817	2,870	2,865	2,822	2,821
1985	2,780	2,824	2,876	2,831	2,797	2,787	2,735	2,788	2,813	2,833	2,823	2,875
1986	2,951	2,886	2,898	2,928	2,932	2,981	2,961	2,938	2,886	2,817	2,915	2,944
Employed men, 65 years and over												
1982	1,787	1,788	1,790	1,798	1,821	1,862	1,781	1,718	1,749	1,708	1,750	1,764
1983	1,750	1,738	1,789	1,774	1,720	1,759	1,798	1,787	1,794	1,787	1,807	1,736
1984	1,759	1,750	1,708	1,881	1,690	1,687	1,697	1,693	1,738	1,711	1,672	1,657
1985	1,642	1,677	1,730	1,692	1,681	1,670	1,616	1,713	1,730	1,731	1,719	1,750
1986	1,801	1,758	1,765	1,774	1,769	1,786	1,755	1,725	1,687	1,671	1,751	1,810
Employed women, 65 years and over												
1982	1,125	1,118	1,123	1,121	1,185	1,161	1,166	1,161	1,186	1,142	1,130	1,130
1983	1,146	1,163	1,158	1,144	1,163	1,121	1,105	1,150	1,217	1,181	1,161	1,164
1984	1,149	1,135	1,130	1,136	1,125	1,079	1,102	1,124	1,132	1,154	1,150	1,164
1985	1,138	1,147	1,146	1,139	1,116	1,117	1,119	1,075	1,083	1,102	1,104	1,125
1986	1,150	1,128	1,133	1,154	1,163	1,195	1,206	1,213	1,199	1,146	1,164	1,134
Employed white workers												
1982	88,019	88,127	88,085	88,052	88,492	88,047	87,914	87,924	87,852	87,616	87,401	87,339
1983	87,420	87,246	87,379	87,752	87,941	88,825	89,287	89,614	89,832	90,014	90,528	90,827
1984	90,962	91,387	91,622	91,790	92,414	92,675	92,512	91,998	92,261	92,412	92,569	92,844
1985	92,972	93,398	93,622	93,509	93,646	93,151	93,410	93,594	94,112	94,358	94,510	94,549
1986	95,099	94,780	94,955	95,095	95,283	95,720	95,861	96,177	96,000	96,147	96,281	96,533
Employed white men												
1982	50,666	50,698	50,560	50,509	50,743	50,295	50,134	50,165	50,111	50,022	49,817	49,772
1983	49,746	49,674	49,754	49,949	50,163	50,811	50,978	50,975	51,012	51,180	51,511	51,684
1984	51,863	52,076	52,227	52,240	52,435	52,851	52,599	52,438	52,637	52,661	52,717	52,813
1985	52,759	52,824	52,965	52,984	53,166	52,818	52,889	52,984	53,212	53,318	53,339	53,316
1986	53,792	53,591	53,557	53,611	53,583	53,712	53,701	53,866	53,852	53,867	54,078	54,225
Employed white women												
1982	37,353	37,429	37,525	37,543	37,749	37,752	37,780	37,759	37,741	37,594	37,584	37,567
1983	37,674	37,572	37,625	37,803	37,778	38,014	38,309	38,639	38,820	38,834	39,017	39,143
1984	39,099	39,311	39,395	39,550	39,979	39,824	39,913	39,560	39,624	39,751	39,852	40,031
1985	40,213	40,574	40,657	40,525	40,480	40,333	40,521	40,610	40,900	41,040	41,171	41,233
1986	41,307	41,189	41,398	41,484	41,700	42,008	42,160	42,311	42,148	42,280	42,203	42,308
Employed white workers, 16 to 19 years												
1982	6,148	6,115	6,116	6,094	6,203	5,945	5,850	5,923	5,902	5,908	5,866	5,773
1983	5,843	5,774	5,681	5,675	5,659	5,878	5,807	5,874	5,860	5,778	5,855	5,936
1984	5,887	5,876	5,839	5,860	5,870	5,979	5,916	5,646	5,787	5,787	5,790	5,826
1985	5,869	5,914	5,891	5,834	5,800	5,605	5,744	5,640	5,757	5,690	5,772	5,722
1986	5,700	5,786	5,821	5,781	5,801	5,779	5,762	5,834	5,790	5,871	5,793	5,791
Employed white men, 16 to 19 years												
1982	3,218	3,197	3,184	3,125	3,236	3,031	2,946	3,044	2,997	3,020	2,991	2,969
1983	2,991	2,980	2,907	2,923	2,951	3,098	3,009	3,027	3,051	2,991	3,047	3,069
1984	2,962	3,033	3,041	2,999	3,023	3,104	2,969	2,901	2,969	2,982	2,986	3,037
1985	3,049	3,005	3,052	3,062	3,035	2,979	2,979	2,911	2,948	2,914	2,946	2,942
1986	2,928	2,962	2,942	2,948	2,955	2,950	2,970	2,989	3,007	3,022	2,989	2,939
Employed white women, 16 to 19 years												
1982	2,930	2,918	2,932	2,969	2,967	2,914	2,904	2,879	2,905	2,888	2,875	2,804
1983	2,852	2,794	2,774	2,752	2,708	2,780	2,798	2,847	2,809	2,787	2,808	2,867
1984	2,925	2,843	2,798	2,861	2,847	2,875	2,947	2,745	2,818	2,805	2,792	2,789
1985	2,820	2,909	2,839	2,772	2,765	2,626	2,765	2,729	2,809	2,776	2,826	2,800
1986	2,772	2,824	2,879	2,833	2,846	2,829	2,792	2,845	2,783	2,849	2,804	2,852

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

3. Employed persons by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed white workers, 20 years and over												
1982	81,871	82,012	81,969	81,958	82,289	82,102	82,064	82,001	81,950	81,708	81,535	81,566
1983	81,577	81,472	81,696	82,077	82,282	82,947	83,480	83,740	83,972	84,236	84,873	84,891
1984	85,075	85,511	85,783	85,930	88,544	86,696	88,596	86,352	86,474	86,625	86,779	87,018
1985	87,103	87,484	87,731	87,675	87,846	87,546	87,666	87,954	88,355	88,668	88,738	88,827
1986	89,399	88,994	89,134	89,314	89,482	89,941	90,099	90,343	90,210	90,278	90,488	90,742
Employed white men, 20 years and over												
1982	47,448	47,501	47,378	47,384	47,507	47,264	47,188	47,121	47,114	47,002	46,826	46,803
1983	46,755	46,694	46,847	47,026	47,212	47,713	47,969	47,948	47,961	48,189	48,464	48,615
1984	48,901	49,043	49,186	49,241	49,412	49,747	49,630	49,537	49,668	49,679	49,719	49,776
1985	49,710	49,819	49,913	49,922	50,131	49,839	49,910	50,073	50,264	50,404	50,393	50,374
1986	50,864	50,629	50,615	50,663	50,828	50,782	50,731	50,877	50,845	50,845	51,089	51,286
Employed white women, 20 years and over												
1982	34,423	34,511	34,593	34,574	34,782	34,898	34,876	34,880	34,836	34,706	34,709	34,763
1983	34,822	34,778	34,851	35,051	35,070	35,234	35,511	35,792	36,011	36,047	36,209	36,276
1984	36,174	36,468	36,597	36,889	37,132	38,949	36,966	36,815	36,808	36,946	37,060	37,242
1985	37,393	37,665	37,818	37,753	37,715	37,707	37,756	37,881	38,091	38,264	38,345	38,453
1986	38,535	38,365	38,519	38,851	38,854	39,179	39,368	39,466	39,365	39,431	39,399	39,456
Employed black workers												
1982	9,305	9,255	9,204	9,152	9,184	9,144	9,187	9,224	9,171	9,142	9,174	9,148
1983	9,157	9,271	9,239	9,219	9,234	9,309	9,456	9,423	9,530	9,475	9,595	9,603
1984	9,704	9,981	9,875	9,877	10,048	10,125	10,072	10,283	10,295	10,337	10,442	10,431
1985	10,449	10,342	10,404	10,455	10,421	10,531	10,489	10,610	10,534	10,568	10,529	10,679
1986	10,723	10,704	10,770	10,809	10,839	10,818	10,822	10,716	10,799	10,895	10,910	10,968
Employed black men												
1982	4,690	4,704	4,674	4,668	4,657	4,596	4,650	4,652	4,583	4,583	4,632	4,567
1983	4,605	4,839	4,652	4,645	4,623	4,737	4,799	4,772	4,821	4,852	4,938	4,946
1984	4,992	5,108	5,031	4,973	5,106	5,078	5,058	5,179	5,198	5,240	5,280	5,241
1985	5,229	5,205	5,204	5,222	5,229	5,262	5,274	5,399	5,326	5,299	5,262	5,329
1986	5,406	5,378	5,422	5,430	5,461	5,434	5,436	5,378	5,388	5,429	5,448	5,524
Employed black women												
1982	4,615	4,551	4,530	4,484	4,527	4,548	4,537	4,572	4,588	4,559	4,542	4,581
1983	4,552	4,632	4,587	4,574	4,611	4,572	4,657	4,651	4,709	4,823	4,857	4,857
1984	4,712	4,855	4,844	4,904	4,942	5,047	5,014	5,084	5,097	5,097	5,162	5,190
1985	5,220	5,137	5,200	5,233	5,192	5,269	5,215	5,211	5,208	5,269	5,267	5,350
1986	5,317	5,326	5,348	5,379	5,378	5,384	5,386	5,338	5,411	5,466	5,462	5,444
Employed black workers, 16 to 19 years												
1982	479	481	446	407	412	351	404	428	440	434	422	437
1983	438	421	431	413	410	422	425	410	391	395	424	421
1984	412	456	418	456	431	517	497	499	495	508	499	501
1985	529	513	528	545	541	508	546	559	530	539	517	527
1986	526	548	537	540	548	554	511	494	538	564	539	542
Employed black men, 16 to 19 years												
1982	266	261	232	218	218	163	214	234	222	226	209	216
1983	233	223	230	213	201	222	237	209	198	231	240	229
1984	224	227	242	248	252	265	257	261	267	254	265	258
1985	270	267	277	287	279	256	284	313	281	289	250	285
1986	275	290	273	281	300	277	266	268	272	276	277	280
Employed black women, 16 to 19 years												
1982	213	220	214	189	194	188	190	194	218	208	213	221
1983	205	198	201	200	209	200	188	201	195	164	184	192
1984	188	229	176	208	179	252	240	238	228	254	234	243
1985	259	246	251	258	262	250	262	246	249	250	267	242
1986	251	258	264	259	248	277	245	226	266	288	262	282

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

3. Employed persons by sex, age, race, Hispanic origin, and marital status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed black workers, 20 years and over												
1982	8,826	8,774	8,758	8,745	8,772	8,793	8,783	8,796	8,731	8,708	8,752	8,711
1983	8,719	8,850	8,808	8,806	8,824	8,887	9,031	9,013	9,139	9,080	9,171	9,182
1984	9,292	9,505	9,457	9,421	9,617	9,808	9,575	9,764	9,800	9,829	9,943	9,930
1985	9,920	9,829	9,876	9,910	9,880	10,025	9,943	10,051	10,004	10,029	10,012	10,152
1986	10,197	10,158	10,233	10,289	10,291	10,264	10,311	10,222	10,261	10,331	10,371	10,426
Employed black men, 20 years and over												
1982	4,424	4,443	4,442	4,450	4,439	4,433	4,436	4,418	4,361	4,357	4,423	4,351
1983	4,372	4,416	4,422	4,432	4,422	4,515	4,562	4,563	4,625	4,621	4,698	4,717
1984	4,788	4,879	4,789	4,725	4,854	4,813	4,801	4,918	4,931	4,986	5,015	4,983
1985	4,959	4,938	4,927	4,935	4,950	5,006	4,990	5,086	5,045	5,010	5,012	5,044
1986	5,131	5,088	5,149	5,149	5,161	5,157	5,170	5,110	5,118	5,153	5,171	5,244
Employed black women, 20 years and over												
1982	4,402	4,331	4,316	4,295	4,333	4,360	4,347	4,378	4,370	4,351	4,329	4,360
1983	4,347	4,434	4,386	4,374	4,402	4,372	4,469	4,450	4,514	4,459	4,473	4,465
1984	4,524	4,626	4,668	4,696	4,763	4,795	4,774	4,846	4,889	4,843	4,928	4,947
1985	4,961	4,891	4,949	4,975	4,930	5,019	4,953	4,965	4,959	5,019	5,000	5,108
1986	5,066	5,068	5,084	5,120	5,130	5,107	5,141	5,112	5,145	5,178	5,200	5,182
Employed Hispanic-origin workers												
1982	5,823	5,881	5,899	5,845	5,848	5,763	5,731	5,748	5,769	5,801	5,758	5,789
1983	5,813	5,828	5,795	5,937	5,985	6,054	6,145	6,201	6,207	6,225	6,274	6,358
1984	6,450	6,469	6,504	6,466	6,613	6,690	6,693	6,706	6,750	6,741	6,802	6,897
1985	6,710	6,852	6,828	6,802	6,814	6,833	6,857	7,003	7,043	6,980	6,935	6,964
1986	6,994	6,991	7,095	7,129	7,136	7,224	7,269	7,248	7,286	7,345	7,437	7,446
Employed married men, spouse present												
1982	38,320	38,325	38,253	38,239	38,262	38,242	38,146	38,097	37,991	37,884	37,635	37,509
1983	37,483	37,436	37,499	37,517	37,519	37,903	38,289	38,365	38,345	38,343	38,405	38,493
1984	38,632	38,841	38,860	38,948	39,020	39,080	39,197	39,130	39,169	39,122	39,305	39,387
1985	39,371	39,309	39,496	39,328	39,214	38,947	39,107	39,151	39,160	39,366	39,302	39,254
1986	39,556	39,363	39,396	39,504	39,582	39,613	39,634	39,735	39,691	39,780	39,952	40,093
Employed married women, spouse present												
1982	23,761	23,859	23,976	23,908	24,210	24,387	24,141	24,177	24,116	24,051	23,926	24,068
1983	24,176	24,161	24,258	24,413	24,359	24,395	24,604	24,675	24,956	24,911	24,995	25,051
1984	24,943	25,281	25,309	25,521	25,813	25,754	25,704	25,739	25,707	25,826	25,929	26,027
1985	25,857	26,163	26,250	26,147	26,126	26,128	26,263	26,318	26,544	26,675	26,702	26,777
1986	26,820	26,695	26,761	26,869	27,016	27,354	27,474	27,388	27,249	27,323	27,333	27,400
Employed women who maintain families												
1982	5,108	5,145	5,094	5,111	4,983	5,089	5,145	5,180	5,137	5,129	5,058	5,031
1983	5,055	5,038	5,084	4,958	4,921	4,974	5,003	5,083	5,165	5,220	5,300	5,315
1984	5,319	5,372	5,421	5,466	5,572	5,610	5,605	5,506	5,474	5,405	5,436	5,412
1985	5,572	5,526	5,566	5,597	5,638	5,683	5,603	5,640	5,561	5,485	5,588	5,697
1986	5,703	5,723	5,754	5,799	5,734	5,719	5,812	5,832	5,926	6,016	6,041	6,005

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

4. Employed civilians in agricultural and nonagricultural industries by selected characteristics

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed in agricultural industries												
1982	3,393	3,375	3,372	3,351	3,434	3,331	3,402	3,408	3,385	3,489	3,510	3,414
1983	3,438	3,385	3,369	3,343	3,342	3,461	3,481	3,493	3,345	3,306	3,278	3,330
1984	3,286	3,362	3,252	3,318	3,347	3,373	3,337	3,276	3,379	3,203	3,380	3,386
1985	3,312	3,336	3,289	3,337	3,276	3,138	3,131	3,106	3,044	3,072	3,055	3,151
1986	3,280	3,105	3,252	3,199	3,151	3,164	3,124	3,057	3,142	3,182	3,215	3,181
Employed in agricultural industries, both sexes, 16 to 19 years												
1982	382	381	358	339	377	352	369	402	346	420	452	400
1983	384	357	311	340	318	343	359	366	296	294	280	327
1984	313	332	319	304	311	301	311	286	321	279	349	312
1985	326	359	352	361	326	300	299	287	292	258	264	277
1986	283	253	274	295	288	272	242	250	242	253	237	251
Employed in agricultural industries, men, 18 to 19 years												
1982	312	312	311	288	317	298	308	336	277	343	362	320
1983	314	281	258	274	260	286	290	305	245	243	236	269
1984	280	275	257	249	251	237	247	231	260	230	293	267
1985	282	309	297	288	278	253	251	249	244	211	218	229
1986	212	205	232	253	231	232	211	212	209	216	203	200
Employed in agricultural industries, women, 18 to 19 years												
1982	70	49	47	51	60	54	61	66	69	77	90	80
1983	70	76	53	66	56	57	69	81	51	51	44	58
1984	53	57	62	55	80	64	64	55	61	49	56	45
1985	44	50	55	73	48	47	48	38	48	47	46	48
1986	51	48	42	42	37	40	31	38	33	37	34	51
Employed in agricultural industries, both sexes, 20 years and over												
1982	3,011	3,014	3,014	3,012	3,057	2,979	3,033	3,006	3,039	3,069	3,058	3,014
1983	3,052	3,028	3,058	3,003	3,026	3,118	3,122	3,127	3,049	3,012	2,998	3,003
1984	2,973	3,030	2,933	3,012	3,036	3,072	3,026	2,990	3,058	2,924	3,031	3,074
1985	2,986	2,977	2,937	2,976	2,950	2,838	2,832	2,819	2,752	2,814	2,791	2,874
1986	3,017	2,852	2,978	2,904	2,883	2,892	2,882	2,807	2,900	2,909	2,978	2,910
Employed in agricultural industries, men, 20 years and over												
1982	2,395	2,414	2,406	2,418	2,436	2,392	2,425	2,410	2,437	2,467	2,463	2,412
1983	2,440	2,403	2,439	2,391	2,426	2,478	2,503	2,488	2,456	2,403	2,357	2,363
1984	2,358	2,411	2,376	2,406	2,433	2,438	2,445	2,413	2,443	2,356	2,455	2,487
1985	2,404	2,372	2,315	2,335	2,355	2,252	2,238	2,243	2,188	2,193	2,211	2,280
1986	2,340	2,261	2,389	2,319	2,279	2,309	2,275	2,185	2,286	2,297	2,303	2,289
Employed in agricultural industries, women, 20 years and over												
1982	616	600	608	594	621	587	608	596	602	602	595	602
1983	612	625	619	612	600	640	619	639	593	609	841	640
1984	815	619	557	606	603	634	581	577	615	568	576	587
1985	582	605	622	641	585	586	584	576	564	621	580	594
1986	677	591	589	585	604	583	607	622	614	612	675	621
Employed in nonagricultural industries												
1982	96,299	96,387	96,300	96,225	96,682	96,212	96,091	96,225	96,119	95,726	95,602	95,618
1983	95,732	95,727	95,820	96,230	96,329	97,112	97,735	98,104	98,679	98,743	99,442	99,650
1984	99,913	100,494	100,712	101,058	101,872	102,172	102,109	101,888	102,089	102,443	102,587	102,814
1985	102,979	103,269	103,676	103,612	103,719	103,403	103,711	104,030	104,558	104,720	104,923	104,988
1986	105,612	105,452	105,555	105,770	106,014	106,449	106,763	107,010	106,845	107,030	107,217	107,476
Employed in nonagricultural industries, both sexes, 16 to 19 years												
1982	6,386	6,370	6,324	6,308	6,384	6,039	6,000	6,098	6,123	6,066	6,012	5,971
1983	6,036	5,961	5,891	5,868	5,871	6,028	5,977	6,078	6,090	6,008	6,159	6,167
1984	6,118	6,111	6,036	6,144	6,152	6,298	6,228	6,049	6,109	6,136	6,110	6,153
1985	6,227	6,225	6,222	6,193	6,168	5,894	6,106	6,075	6,123	6,067	6,181	6,101
1986	6,078	6,188	6,211	6,188	6,224	6,162	6,232	6,276	6,233	6,324	6,245	6,227

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

4. Employed civilians in agricultural and nonagricultural industries by selected characteristics—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed in nonagricultural industries, men, 16 to 19 years												
1982	3,257	3,226	3,176	3,141	3,215	2,940	2,909	3,028	3,012	2,980	2,948	2,956
1983	2,997	2,991	2,933	2,925	2,953	3,064	3,026	3,018	3,080	3,051	3,162	3,112
1984	3,006	3,053	3,087	3,070	3,090	3,174	3,042	3,041	3,055	3,065	3,067	3,102
1985	3,135	3,062	3,123	3,143	3,107	3,012	3,059	3,046	3,043	3,026	3,047	3,056
1986	3,042	3,102	3,061	3,067	3,099	3,039	3,129	3,145	3,152	3,164	3,155	3,092
Employed in nonagricultural industries, women, 16 to 19 years												
1982	3,129	3,144	3,148	3,167	3,169	3,099	3,091	3,070	3,111	3,086	3,064	3,015
1983	3,039	2,970	2,958	2,943	2,918	2,964	2,951	3,060	3,010	2,957	2,987	3,055
1984	3,112	3,058	2,949	3,074	3,062	3,124	3,184	3,008	3,054	3,071	3,043	3,051
1985	3,092	3,163	3,099	3,050	3,061	2,882	3,047	3,029	3,080	3,041	3,114	3,045
1986	3,036	3,086	3,150	3,121	3,125	3,123	3,103	3,131	3,081	3,160	3,090	3,135
Employed in nonagricultural industries, both sexes, 20 years and over												
1982	89,913	90,017	89,978	89,917	90,298	90,173	90,091	90,127	89,996	89,660	89,590	89,847
1983	89,696	89,766	89,929	90,362	90,458	91,064	91,758	92,026	92,589	92,735	93,283	93,483
1984	93,795	94,383	94,676	94,914	95,720	95,874	95,883	95,839	95,980	96,307	96,477	96,661
1985	96,752	97,044	97,454	97,419	97,551	97,509	97,605	97,955	98,435	98,653	98,782	98,897
1986	99,534	99,284	99,344	99,582	99,790	100,287	100,531	100,734	100,812	100,706	100,972	101,249
Employed in nonagricultural industries, men, 20 years and over												
1982	50,708	50,758	50,648	50,663	50,798	50,541	50,471	50,387	50,323	50,157	50,074	50,085
1983	50,046	50,053	50,188	50,424	50,507	51,022	51,328	51,344	51,530	51,745	52,140	52,297
1984	52,603	52,798	52,915	52,979	53,240	53,548	53,479	53,522	53,650	53,827	53,818	53,605
1985	53,749	53,847	54,054	54,051	54,211	54,112	54,213	54,411	54,641	54,723	54,731	54,648
1986	55,259	55,035	54,999	55,073	55,059	55,213	55,269	55,400	55,321	55,298	55,580	55,812
Employed in nonagricultural industries, women, 20 years and over												
1982	39,205	39,259	39,328	39,254	39,500	39,632	39,620	39,740	39,673	39,503	39,516	39,562
1983	39,650	39,713	39,741	39,938	39,951	40,062	40,430	40,662	41,059	40,990	41,143	41,188
1984	41,192	41,585	41,761	41,935	42,480	42,326	42,404	42,317	42,330	42,480	42,661	42,856
1985	43,003	43,197	43,400	43,368	43,340	43,397	43,392	43,544	43,794	43,930	44,031	44,249
1986	44,275	44,229	44,345	44,509	44,731	45,074	45,262	45,334	45,291	45,408	45,392	45,437
Employed total wage and salary workers												
1982	90,312	90,208	90,123	89,985	90,378	89,954	89,880	90,100	90,005	89,641	89,543	89,491
1983	89,587	89,489	89,516	89,827	89,960	90,862	91,370	91,783	92,359	92,222	92,730	93,021
1984	93,189	93,858	94,132	94,391	95,303	95,513	95,447	95,197	95,752	95,962	96,202	96,420
1985	96,536	96,834	97,159	97,123	97,303	96,862	97,109	97,240	98,007	98,020	98,308	98,457
1986	99,394	99,012	99,316	99,397	99,536	99,822	99,816	100,095	100,213	100,408	100,451	100,785
Employed wage and salary workers in agricultural industries												
1982	1,394	1,411	1,460	1,420	1,500	1,439	1,510	1,555	1,540	1,633	1,611	1,558
1983	1,634	1,595	1,551	1,509	1,548	1,605	1,653	1,688	1,597	1,555	1,483	1,483
1984	1,457	1,532	1,501	1,558	1,563	1,578	1,549	1,503	1,609	1,548	1,581	1,681
1985	1,578	1,590	1,574	1,610	1,589	1,538	1,498	1,496	1,458	1,469	1,529	1,545
1986	1,642	1,512	1,655	1,539	1,489	1,508	1,504	1,509	1,521	1,562	1,582	1,621
Employed nonagricultural private wage and salary workers												
1982	73,327	73,307	73,178	73,114	73,419	72,864	72,890	73,019	72,829	72,614	72,408	72,397
1983	72,500	72,439	72,518	72,807	72,873	73,716	74,073	74,446	75,271	75,140	75,594	75,995
1984	76,166	76,567	76,855	77,053	77,967	78,212	78,236	77,953	78,274	78,464	78,841	78,890
1985	79,210	79,246	79,567	79,525	79,775	79,329	79,715	79,689	80,374	80,318	80,644	80,735
1986	81,419	81,345	81,501	81,627	81,714	81,937	81,730	82,140	82,359	82,582	82,412	82,721
Employed government workers in nonagricultural industries												
1982	15,591	15,490	15,485	15,451	15,459	15,651	15,480	15,526	15,636	15,394	15,524	15,536
1983	15,453	15,455	15,447	15,511	15,539	15,541	15,644	15,649	15,491	15,527	15,653	15,543
1984	15,566	15,759	15,778	15,780	15,773	15,723	15,662	15,741	15,869	15,950	15,780	15,849
1985	15,748	15,998	16,018	15,988	15,939	15,995	15,896	16,055	16,175	16,233	16,135	16,177
1986	16,333	16,155	16,160	16,231	16,333	16,377	16,582	16,446	16,333	16,264	16,457	16,443

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

4. Employed civilians in agricultural and nonagricultural industries by selected characteristics—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed self-employed workers in agricultural industries												
1982	1,659	1,627	1,645	1,652	1,681	1,649	1,645	1,617	1,590	1,632	1,621	1,626
1983	1,577	1,558	1,582	1,602	1,558	1,589	1,569	1,565	1,504	1,532	1,558	1,600
1984	1,596	1,604	1,577	1,540	1,534	1,564	1,552	1,567	1,569	1,483	1,565	1,503
1985	1,514	1,507	1,499	1,486	1,489	1,442	1,481	1,452	1,402	1,438	1,361	1,447
1986	1,482	1,444	1,450	1,467	1,472	1,492	1,434	1,387	1,460	1,451	1,425	1,400
Employed self-employed workers in nonagricultural industries												
1982	6,936	7,100	7,155	7,225	7,351	7,321	7,305	7,318	7,425	7,318	7,320	7,331
1983	7,374	7,405	7,468	7,510	7,525	7,524	7,620	7,610	7,671	7,669	7,782	7,689
1984	7,856	7,863	7,776	7,859	7,811	7,860	7,739	7,767	7,741	7,733	7,663	7,721
1985	7,761	7,727	7,826	7,763	7,744	7,746	7,674	7,839	7,626	7,967	7,975	7,817
1986	7,693	7,711	7,713	7,634	7,793	7,632	8,019	7,956	7,939	7,993	8,179	8,056
Employed unpaid-family workers in agricultural industries												
1982	354	335	260	275	253	249	247	254	259	240	250	214
1983	232	223	247	217	226	259	250	243	247	242	230	252
1984	233	223	180	203	232	221	229	212	200	190	210	226
1985	225	232	219	214	187	165	170	174	182	178	149	168
1986	165	158	169	173	177	163	171	174	159	164	198	152
Employed unpaid-family workers in nonagricultural industries												
1982	404	408	438	414	411	405	412	407	382	390	363	356
1983	367	348	349	356	361	352	343	370	382	402	453	424
1984	353	321	334	340	332	349	333	315	319	319	358	345
1985	334	326	323	303	295	294	281	293	265	250	250	254
1986	271	261	243	251	235	236	258	271	275	265	252	239

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

5. Persons at work on part-time schedules by reason

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Total at work on part-time schedules for economic reasons												
1982	5,067	5,737	5,938	6,049	6,112	5,997	6,084	6,221	6,705	6,857	6,704	6,657
1983	6,755	8,578	6,442	6,299	6,192	6,221	6,194	6,247	6,191	6,012	6,148	5,901
1984	5,948	5,994	5,651	5,781	5,514	5,844	5,761	5,568	5,689	5,730	5,635	5,802
1985	5,636	5,406	5,702	5,844	5,755	5,540	5,630	5,716	5,558	5,452	5,521	5,505
1986	5,551	5,446	5,548	5,853	5,825	5,538	5,442	5,471	5,544	5,740	5,563	5,596
Total at work on part-time schedules for economic reasons-slack work												
1982	2,541	3,042	3,137	3,315	3,308	3,349	3,117	3,347	3,686	3,658	3,448	3,345
1983	3,318	3,119	3,037	2,887	2,829	2,787	2,797	2,769	2,662	2,541	2,627	2,500
1984	2,541	2,530	2,346	2,352	2,233	2,318	2,377	2,359	2,425	2,515	2,461	2,655
1985	2,475	2,248	2,609	2,514	2,572	2,532	2,408	2,498	2,426	2,213	2,317	2,965
1986	2,377	2,385	2,352	2,534	2,605	2,437	2,473	2,417	2,472	2,481	2,510	2,444
Total at work on part-time schedules for economic reasons-could only find part-time work												
1982	2,258	2,306	2,480	2,399	2,487	2,457	2,629	2,678	2,746	2,807	2,956	2,984
1983	3,096	3,093	3,118	3,120	3,090	3,117	2,926	3,068	3,219	3,149	3,171	3,132
1984	3,089	3,107	3,031	3,072	3,005	3,029	2,878	2,738	2,994	2,840	2,848	2,839
1985	2,821	2,833	2,730	2,728	2,835	2,749	2,814	2,865	2,821	2,867	2,918	2,838
1986	2,870	2,724	2,908	2,922	2,843	2,813	2,681	2,741	2,772	2,826	2,714	2,867
Total at work on part-time schedules for noneconomic reasons-usually work part time												
1982	12,853	12,874	12,794	12,837	13,170	13,489	12,927	12,972	13,098	12,919	12,868	12,732
1983	12,763	12,705	12,735	12,928	12,728	12,556	13,028	13,017	13,132	13,012	13,100	13,228
1984	12,996	12,996	13,035	13,351	13,542	13,058	13,091	13,143	13,209	13,065	13,164	13,343
1985	13,285	13,519	13,542	13,309	13,252	13,335	13,578	13,583	13,538	13,656	13,661	13,640
1986	13,877	13,800	13,778	13,900	13,853	14,142	13,987	13,981	13,922	14,178	14,021	13,877
Nonagricultural workers on part-time schedules for economic reasons												
1982	4,830	5,436	5,618	5,757	5,775	5,717	5,722	5,909	6,365	6,458	6,356	6,366
1983	6,450	6,327	6,191	6,034	5,908	5,960	5,877	5,945	5,970	5,728	5,871	5,695
1984	5,717	5,739	5,480	5,529	5,273	5,570	5,505	5,365	5,450	5,480	5,403	5,610
1985	5,400	5,134	5,423	5,365	5,469	5,276	5,363	5,435	5,310	5,206	5,316	5,292
1986	5,297	5,214	5,295	5,587	5,589	5,322	5,222	5,289	5,303	5,450	5,319	5,342
Nonagricultural workers on part-time schedules for economic reasons-slack work												
1982	2,388	2,830	2,895	3,099	3,094	3,152	2,899	3,151	3,418	3,415	3,223	3,170
1983	3,154	2,998	2,896	2,724	2,661	2,650	2,633	2,566	2,508	2,439	2,459	2,364
1984	2,400	2,387	2,232	2,229	2,119	2,160	2,222	2,234	2,267	2,363	2,305	2,531
1985	2,332	2,079	2,400	2,342	2,399	2,340	2,251	2,327	2,291	2,091	2,197	2,233
1986	2,231	2,242	2,160	2,382	2,485	2,307	2,317	2,283	2,314	2,314	2,366	2,286
Nonagricultural workers on part-time schedules for economic reasons-could only find part-time work												
1982	2,169	2,237	2,392	2,322	2,375	2,383	2,519	2,588	2,682	2,691	2,827	2,858
1983	2,968	2,983	2,993	3,021	3,008	3,013	2,810	2,960	3,147	3,006	3,077	3,033
1984	2,994	3,013	2,952	2,973	2,914	2,944	2,796	2,683	2,924	2,774	2,772	2,758
1985	2,732	2,758	2,638	2,648	2,755	2,676	2,720	2,758	2,727	2,789	2,824	2,740
1986	2,770	2,669	2,819	2,806	2,749	2,727	2,609	2,678	2,710	2,739	2,626	2,765
Nonagricultural workers on part-time schedules for noneconomic reasons-usually work part time												
1982	12,338	12,386	12,316	12,427	12,617	12,919	12,451	12,478	12,570	12,427	12,370	12,248
1983	12,306	12,201	12,264	12,540	12,244	11,958	12,436	12,497	12,650	12,500	12,643	12,709
1984	12,538	12,523	12,534	12,968	13,055	12,521	12,681	12,668	12,725	12,617	12,701	12,875
1985	12,822	13,057	13,074	12,865	12,789	12,854	13,194	13,113	13,079	13,223	13,218	13,196
1986	13,386	13,354	13,351	13,528	13,412	13,613	13,578	13,606	13,520	13,736	13,567	13,455

6. Employment-population ratios by sex, age, race, and Hispanic origin

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Total employment-population ratio, including resident Armed Forces												
1982	58.6	58.6	58.5	58.3	58.6	58.2	58.1	58.2	58.0	57.8	57.7	57.6
1983	57.6	57.5	57.5	57.7	57.7	58.2	58.5	58.6	58.8	58.8	59.1	59.2
1984	59.2	59.5	59.5	59.7	60.1	60.3	60.1	59.9	60.1	60.1	60.2	60.3
1985	60.3	60.4	60.6	60.5	60.5	60.2	60.3	60.4	60.6	60.7	60.7	60.8
1986	61.0	60.7	60.8	60.9	60.9	61.1	61.2	61.2	61.1	61.2	61.3	61.3
Total employment-population ratio, including resident Armed Forces, men												
1982	70.5	70.4	70.2	70.1	70.3	69.5	69.4	69.4	69.2	69.0	68.8	68.6
1983	68.5	68.4	68.4	68.6	68.7	69.5	69.8	69.7	69.9	69.9	70.4	70.5
1984	70.5	70.8	70.9	70.9	71.2	71.6	71.3	71.3	71.4	71.4	71.5	71.5
1985	71.4	71.4	71.5	71.5	71.8	71.2	71.3	71.4	71.6	71.5	71.5	71.4
1986	71.8	71.5	71.5	71.5	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.7
Total employment-population ratio, including resident Armed Forces, women												
1982	47.7	47.7	47.8	47.7	47.9	47.9	47.9	47.9	47.8	47.6	47.5	47.5
1983	47.6	47.6	47.5	47.7	47.6	47.8	48.1	48.5	48.7	48.6	48.8	48.9
1984	48.8	49.1	49.1	49.4	50.0	49.8	49.9	49.6	49.6	49.7	49.8	50.0
1985	50.2	50.4	50.6	50.5	50.3	50.2	50.3	50.4	50.6	50.7	50.8	51.0
1986	51.0	50.9	51.0	51.1	51.3	51.6	51.8	51.8	51.7	51.8	51.8	51.8
Civilian employment-population ratio, all civilian workers												
1982	58.2	58.2	58.1	57.9	58.2	57.8	57.7	57.8	57.6	57.4	57.3	57.2
1983	57.2	57.1	57.1	57.3	57.3	57.8	58.1	58.2	58.4	58.4	58.7	58.8
1984	58.8	59.1	59.1	59.3	59.7	59.9	59.8	59.6	59.7	59.7	59.8	59.9
1985	59.9	60.1	60.2	60.2	60.1	59.8	59.9	60.1	60.3	60.3	60.3	60.4
1986	60.6	60.4	60.5	60.5	60.5	60.7	60.8	60.9	60.8	60.8	60.9	60.9
Civilian employment-population ratio, men												
1982	69.9	69.9	69.6	69.5	69.7	68.9	68.8	68.8	68.6	68.4	68.2	68.0
1983	67.9	67.8	67.9	68.0	68.1	68.9	69.2	69.2	69.3	69.4	69.8	70.0
1984	70.0	70.3	70.4	70.4	70.7	71.1	70.8	70.7	70.9	70.9	71.0	71.0
1985	70.8	70.8	71.0	71.0	71.1	70.6	70.7	70.9	71.0	71.0	71.0	70.9
1986	71.3	71.0	71.0	70.9	70.8	70.9	70.9	70.9	70.9	70.8	71.1	71.2
Civilian employment-population ratio, women												
1982	47.7	47.7	47.7	47.6	47.8	47.8	47.8	47.8	47.8	47.5	47.5	47.5
1983	47.5	47.5	47.5	47.6	47.5	47.7	48.0	48.4	48.7	48.5	48.7	48.8
1984	48.7	49.0	49.0	49.3	49.9	49.8	49.8	49.5	49.5	49.6	49.7	49.9
1985	50.1	50.3	50.5	50.4	50.3	50.1	50.2	50.3	50.6	50.7	50.8	50.9
1986	50.9	50.8	50.9	51.0	51.2	51.5	51.7	51.8	51.6	51.8	51.7	51.7
Civilian employment-population ratio, both sexes, 16 to 19 years												
1982	42.4	42.3	42.0	41.9	42.7	40.5	40.4	41.4	41.3	41.5	41.5	40.9
1983	41.4	40.8	40.2	40.3	40.3	41.6	41.5	42.4	42.1	41.7	42.7	43.2
1984	42.9	43.2	42.7	43.5	43.7	44.8	44.5	43.2	44.0	43.9	44.3	44.4
1985	44.9	45.1	45.1	45.1	44.8	42.8	44.3	44.0	44.4	43.7	44.4	44.1
1986	43.9	44.5	44.8	44.8	44.8	44.5	44.8	45.0	44.7	45.3	44.5	44.5
Civilian employment-population ratio, men, 16 to 19 years												
1982	44.8	44.6	43.9	43.3	44.7	41.0	40.9	42.9	42.0	42.5	42.5	41.9
1983	42.5	42.2	41.3	41.5	41.8	43.6	43.3	43.6	43.8	43.4	44.9	44.9
1984	43.5	44.5	44.8	44.7	45.1	46.2	44.7	44.6	45.2	45.0	46.0	46.1
1985	46.7	46.1	46.8	47.1	46.5	44.8	45.6	45.4	45.4	44.7	45.0	45.2
1986	44.9	45.7	45.4	45.7	45.8	44.9	45.9	46.1	46.2	46.4	46.0	45.1
Civilian employment-population ratio, women, 16 to 19 years												
1982	40.0	40.0	40.1	40.5	40.8	39.9	40.0	39.9	40.6	40.5	40.5	39.9
1983	40.2	39.5	39.1	39.2	38.9	39.6	39.7	41.2	40.5	39.9	40.5	41.6
1984	42.4	41.8	40.6	42.3	42.3	43.4	44.4	41.9	42.7	42.9	42.6	42.7
1985	43.0	44.1	43.4	43.1	43.0	40.7	43.0	42.6	43.4	42.8	43.8	42.9
1986	42.8	43.4	44.2	43.8	43.9	44.0	43.5	43.9	43.1	44.2	43.1	43.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

6. Employment-population ratios by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, both sexes, 20 years and over												
1982	59.8	59.8	59.7	59.6	59.8	59.6	59.5	59.4	59.3	59.0	58.8	58.8
1983	58.8	58.7	58.8	58.9	58.9	59.3	59.7	59.8	60.0	60.0	60.2	60.3
1984	60.3	60.6	60.8	60.8	61.2	61.2	61.1	61.0	61.1	61.1	61.2	61.3
1985	61.3	61.4	61.6	61.5	61.5	61.3	61.3	61.5	61.7	61.8	61.7	61.8
1986	62.1	61.8	61.8	61.9	61.9	62.1	62.2	62.3	62.2	62.2	62.3	62.4
Civilian employment-population ratio, men, 20 years and over												
1982	72.6	72.8	72.4	72.3	72.4	71.9	71.8	71.6	71.4	71.1	70.9	70.7
1983	70.6	70.5	70.6	70.8	70.8	71.5	71.8	71.8	71.9	72.0	72.3	72.5
1984	72.6	72.8	72.9	72.9	73.2	73.5	73.3	73.3	73.4	73.4	73.4	73.3
1985	73.2	73.2	73.3	73.2	73.4	73.1	73.1	73.3	73.4	73.4	73.4	73.3
1986	73.7	73.3	73.4	73.3	73.1	73.3	73.2	73.2	73.2	73.1	73.4	73.6
Civilian employment-population ratio, women, 20 years and over												
1982	48.4	48.4	48.4	48.2	48.5	48.6	48.5	48.6	48.4	48.2	48.1	48.2
1983	48.2	48.3	48.2	48.4	48.3	48.5	48.8	49.1	49.4	49.3	49.4	49.4
1984	49.3	49.7	49.7	49.9	50.5	50.3	50.3	50.1	50.1	50.2	50.3	50.5
1985	50.7	50.9	51.1	51.0	50.9	50.9	50.8	50.9	51.1	51.3	51.3	51.6
1986	51.6	51.4	51.5	51.6	51.8	52.2	52.3	52.4	52.3	52.4	52.4	52.3
Civilian employment-population ratio, both sexes, 20 to 24 years												
1982	66.4	66.2	66.3	66.0	66.1	65.9	65.6	65.5	65.2	64.9	64.8	65.0
1983	64.7	64.9	64.9	65.1	64.6	66.3	67.0	68.5	66.7	66.5	67.1	67.1
1984	67.4	67.9	68.1	68.1	69.0	69.8	69.2	67.9	68.7	69.1	69.5	69.2
1985	69.6	69.3	69.1	69.5	69.4	69.3	69.1	69.4	70.0	70.2	69.8	70.4
1986	70.3	70.7	70.6	70.1	69.7	70.5	70.5	70.6	70.4	70.5	70.9	70.7
Civilian employment-population ratio, men, 20 to 24 years												
1982	72.3	72.1	71.8	71.4	71.6	71.0	71.1	70.7	70.2	70.3	69.9	69.9
1983	69.7	69.6	69.8	69.9	69.4	72.6	72.5	72.3	72.1	71.9	72.9	72.9
1984	73.4	74.1	74.8	74.7	75.3	76.6	75.1	74.1	74.9	75.2	75.7	74.9
1985	75.3	74.8	74.5	75.4	75.2	75.0	74.5	75.4	76.1	75.5	76.0	76.2
1986	76.7	77.4	77.0	75.9	74.9	75.9	76.2	76.3	75.9	76.5	76.8	76.8
Civilian employment-population ratio, women, 20 to 24 years												
1982	60.8	60.6	61.2	60.9	61.0	61.1	60.5	60.5	60.5	59.9	60.0	60.4
1983	60.1	60.3	60.4	60.5	60.0	60.3	61.7	61.1	61.6	61.4	61.5	61.6
1984	61.6	62.0	62.0	61.8	63.0	63.3	63.5	62.1	62.8	63.3	63.5	63.7
1985	64.2	64.1	64.0	63.9	63.9	63.9	64.0	63.7	64.2	65.2	64.1	64.9
1986	64.2	64.5	64.7	64.7	64.8	65.3	65.1	65.3	65.2	64.8	65.4	65.1
Civilian employment-population ratio, both sexes, 25 years and over												
1982	58.8	58.8	58.7	58.6	58.8	58.6	58.5	58.5	58.3	58.1	57.9	57.8
1983	57.8	57.8	57.9	58.0	58.1	58.3	58.6	58.7	59.0	59.0	59.2	59.2
1984	59.2	59.5	59.6	59.7	60.0	60.0	60.0	60.0	60.0	59.9	60.0	60.1
1985	60.1	60.3	60.5	60.4	60.4	60.2	60.3	60.3	60.5	60.6	60.6	60.8
1986	60.9	60.5	60.7	60.7	60.8	61.0	61.2	61.1	61.1	61.1	61.2	61.3
Civilian employment-population ratio, men, 25 years and over												
1982	72.7	72.7	72.5	72.5	72.6	72.1	71.9	71.7	71.6	71.2	71.1	70.8
1983	70.7	70.6	70.8	70.9	71.1	71.4	71.8	71.7	71.8	72.0	72.3	72.4
1984	72.5	72.7	72.7	72.6	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1
1985	72.8	73.0	73.2	73.0	73.1	72.8	72.9	73.0	73.0	73.1	73.1	72.9
1986	73.3	72.8	72.9	72.9	72.9	72.9	72.8	72.8	72.8	72.6	72.9	73.1
Civilian employment-population ratio, women, 25 years and over												
1982	46.5	46.6	46.5	46.3	46.6	46.7	46.8	46.8	46.7	46.5	46.3	46.4
1983	46.5	46.5	46.4	46.6	46.8	46.8	47.0	47.3	47.6	47.5	47.7	47.7
1984	47.5	47.9	48.0	48.2	48.7	48.5	48.5	48.4	48.3	48.4	48.5	48.7
1985	48.8	49.0	49.3	49.2	49.1	49.1	49.1	49.2	49.4	49.5	49.6	49.8
1986	49.9	49.6	49.6	49.9	50.1	50.5	50.6	50.7	50.6	50.8	50.7	50.7

6. Employment-population ratios by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, both sexes, 25 to 54 years												
1982	74.0	74.1	73.8	73.7	73.8	73.7	73.6	73.6	73.2	73.0	72.8	72.8
1983	72.8	72.6	72.8	73.2	73.1	73.5	73.9	74.2	74.4	74.4	74.7	74.9
1984	74.9	75.2	75.4	75.6	78.0	76.2	76.1	76.2	76.0	76.1	78.1	76.3
1985	76.3	76.5	76.6	76.8	76.6	76.5	76.6	76.7	76.9	76.9	77.1	77.1
1986	77.3	76.8	76.9	77.1	77.0	77.3	77.4	77.5	77.6	77.6	77.6	77.8
Civilian employment-population ratio, men, 25 to 54 years												
1982	87.5	87.8	87.2	87.2	87.2	86.7	86.4	86.4	85.9	85.7	85.4	85.2
1983	85.1	84.9	85.2	85.5	85.6	86.0	86.4	86.4	86.6	86.8	87.1	87.5
1984	87.6	87.8	88.0	88.0	88.2	88.6	88.5	88.7	88.7	88.7	88.7	88.7
1985	88.6	88.7	88.7	88.6	88.9	88.4	88.7	88.7	88.8	88.8	88.8	88.7
1986	89.0	88.5	88.5	88.6	88.3	88.5	88.4	88.6	88.6	88.3	88.5	88.7
Civilian employment-population ratio, women, 25 to 54 years												
1982	61.3	61.4	61.1	61.0	61.2	61.4	61.5	61.5	61.2	61.1	60.9	61.0
1983	61.1	61.0	61.1	61.5	61.4	61.7	62.1	62.5	62.8	62.7	63.0	62.9
1984	62.8	63.2	63.4	63.7	64.4	64.3	64.2	64.2	64.0	64.2	64.2	64.4
1985	64.7	64.9	65.2	65.2	64.9	65.1	65.1	65.3	65.7	65.6	65.9	66.1
1986	66.1	65.7	65.9	66.1	88.3	66.8	67.0	66.9	67.0	67.4	67.2	67.3
Civilian employment-population ratio, both sexes, 25 to 34 years												
1982	74.0	74.1	73.7	73.4	73.3	72.9	72.9	73.2	72.6	72.5	72.4	72.5
1983	72.4	72.3	72.2	72.9	73.2	73.3	73.7	73.8	74.1	74.1	74.7	74.7
1984	74.8	75.1	75.2	75.4	75.9	76.2	76.2	76.5	78.3	76.5	76.2	76.3
1985	76.4	76.6	76.7	76.6	76.4	76.5	76.7	76.5	77.2	76.9	76.9	77.2
1986	77.3	76.8	77.0	77.1	76.9	77.2	77.1	77.2	77.2	77.1	77.6	77.5
Civilian employment-population ratio, men, 25 to 34 years												
1982	86.5	86.6	86.1	86.0	86.0	85.1	84.9	85.0	84.4	84.1	84.0	83.6
1983	83.5	83.4	83.2	84.0	84.3	84.7	85.0	85.0	85.2	85.5	86.1	88.4
1984	86.4	86.5	86.9	87.1	87.3	87.8	87.9	88.4	88.5	88.4	87.9	87.9
1985	88.2	88.4	88.3	88.3	88.5	88.2	88.5	88.3	88.5	88.5	88.6	88.7
1986	89.1	88.4	88.4	88.2	87.8	88.2	87.8	88.3	88.2	87.6	88.5	88.6
Civilian employment-population ratio, women, 25 to 34 years												
1982	62.1	62.1	61.8	61.4	61.3	61.4	61.4	61.9	61.5	61.5	61.4	61.9
1983	61.7	61.7	61.6	62.4	62.6	62.5	62.9	63.1	63.4	63.1	63.7	63.5
1984	63.7	64.0	63.9	64.2	64.8	65.1	64.9	65.1	64.7	64.9	64.8	65.1
1985	65.2	65.3	65.7	65.4	64.9	65.4	65.5	65.4	66.4	65.8	65.8	66.3
1986	65.9	65.5	65.9	66.3	66.3	66.6	66.7	66.6	66.6	67.0	67.1	66.8
Civilian employment-population ratio, both sexes, 35 to 44 years												
1982	76.1	76.2	75.8	75.8	75.9	76.0	75.9	75.8	75.5	75.2	74.7	74.6
1983	75.1	75.1	75.4	75.4	75.1	75.5	75.9	76.2	76.4	76.5	78.8	77.2
1984	77.2	77.8	77.8	77.8	78.5	78.2	78.1	77.8	77.9	78.0	78.3	78.5
1985	78.4	78.4	78.6	78.6	78.7	78.6	78.8	78.9	78.8	79.3	79.4	79.1
1986	79.3	78.8	78.9	79.1	79.1	79.3	79.8	80.0	79.9	79.8	79.5	79.9
Civilian employment-population ratio, men, 35 to 44 years												
1982	89.5	89.9	89.4	89.4	89.4	89.1	88.9	88.6	88.3	88.0	87.3	87.1
1983	87.4	87.4	88.1	87.9	87.9	88.4	88.7	88.7	88.8	89.1	89.5	90.0
1984	90.3	90.7	90.6	90.2	90.6	90.5	90.3	89.8	90.1	90.3	90.6	91.0
1985	90.5	90.3	90.4	90.4	90.7	90.1	90.4	90.6	90.5	90.7	90.3	89.9
1986	90.2	89.5	89.7	90.1	89.8	90.0	90.2	90.1	90.1	89.9	89.8	90.1
Civilian employment-population ratio, women, 35 to 44 years												
1982	63.5	63.3	62.9	62.9	63.2	63.6	63.8	63.6	63.3	63.1	62.7	62.8
1983	63.4	63.3	63.4	63.6	63.0	63.4	63.8	64.4	64.6	64.7	64.8	65.0
1984	64.7	65.8	65.8	66.0	67.1	66.5	66.6	66.4	66.3	66.4	66.6	66.8
1985	66.9	67.0	67.4	67.6	67.4	67.8	67.7	67.9	67.8	68.5	69.0	68.8
1986	68.9	68.6	68.6	68.6	69.0	69.2	69.8	70.4	70.2	70.2	69.6	70.2

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

6. Employment-population ratios by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, both sexes, 45 to 54 years												
1982	71.4	71.5	71.8	71.6	72.0	72.0	72.1	71.5	71.3	71.3	71.1	71.0
1983	70.5	70.2	70.6	70.6	70.5	71.3	71.7	72.1	72.3	72.2	72.0	72.0
1984	71.9	71.9	72.5	72.8	72.8	73.3	73.1	73.3	72.8	72.9	73.2	73.1
1985	73.1	73.6	73.7	73.7	73.8	73.4	73.3	73.8	73.8	73.6	74.0	74.1
1986	74.4	74.2	74.1	74.2	74.2	74.3	74.7	74.4	74.8	75.1	74.9	75.3
Civilian employment-population ratio, men, 45 to 54 years												
1982	86.7	86.5	86.5	86.4	86.4	86.4	86.0	85.9	85.7	85.7	85.5	85.5
1983	85.0	84.4	84.9	84.9	84.8	85.4	86.0	86.1	86.3	86.1	85.7	85.9
1984	86.2	86.4	86.5	86.7	86.5	87.6	87.3	87.8	87.0	87.1	87.4	87.1
1985	86.5	86.9	87.0	86.6	87.0	86.5	86.5	86.7	87.0	86.8	87.0	87.1
1986	87.0	87.0	86.9	86.9	87.0	86.8	86.9	87.1	87.2	87.1	86.8	87.1
Civilian employment-population ratio, women, 45 to 54 years												
1982	57.1	57.7	57.8	57.9	58.6	58.7	59.2	58.0	57.9	57.8	57.7	57.4
1983	57.0	57.1	57.3	57.3	57.2	58.1	58.5	59.0	59.4	59.2	59.3	59.1
1984	58.5	58.4	59.4	59.8	60.0	59.9	59.8	59.8	59.6	59.8	59.9	60.1
1985	60.6	61.1	61.2	61.8	61.4	61.0	60.8	61.7	61.4	61.3	61.9	61.9
1986	62.6	62.2	62.2	62.3	62.3	62.7	63.4	62.6	63.3	63.9	63.8	64.2
Civilian employment-population ratio, both sexes, 55 years and over												
1982	30.5	30.2	30.4	30.4	30.5	30.5	30.4	30.2	30.6	30.0	30.0	29.9
1983	29.9	29.8	29.7	29.5	29.5	29.6	29.7	29.7	29.9	29.8	29.8	29.8
1984	29.5	29.6	29.5	29.5	29.4	29.2	29.3	29.2	29.4	29.0	29.1	29.3
1985	29.1	29.2	29.8	29.2	29.1	29.0	28.8	29.0	28.9	29.1	28.9	28.9
1986	29.1	28.6	28.8	28.9	29.0	29.3	29.2	29.2	28.8	28.7	28.9	28.9
Civilian employment-population ratio, men, 55 years and over												
1982	42.0	41.7	41.9	41.9	42.0	42.0	41.6	41.1	41.8	41.0	41.0	40.8
1983	40.6	40.5	40.5	40.4	40.3	40.6	40.7	40.6	40.7	40.7	40.9	40.5
1984	40.3	40.3	39.9	39.9	39.8	39.8	39.8	39.8	40.0	39.6	39.4	39.6
1985	39.2	39.4	40.0	39.5	39.2	39.4	38.9	39.5	39.3	39.4	39.2	39.0
1986	39.3	38.6	38.9	38.9	39.1	39.0	38.7	38.5	38.3	38.3	38.7	39.1
Civilian employment-population ratio, women, 55 years and over												
1982	21.6	21.3	21.6	21.6	21.7	21.7	21.7	21.8	22.0	21.5	21.6	21.4
1983	21.6	21.5	21.3	21.2	21.2	21.2	21.2	21.3	21.6	21.5	21.4	21.5
1984	21.2	21.5	21.4	21.5	21.5	21.2	21.2	21.1	21.2	20.9	21.2	21.4
1985	21.2	21.3	21.5	21.3	21.2	21.0	20.9	20.9	20.8	21.1	21.0	21.0
1986	21.1	20.9	21.0	21.0	21.2	21.8	21.7	21.9	21.3	21.1	21.2	20.9
Civilian employment-population ratio, both sexes, 55 to 64 years												
1982	52.2	51.7	52.2	52.2	52.1	52.0	52.1	52.2	52.8	51.9	52.0	51.6
1983	51.6	51.4	51.1	50.9	51.0	51.3	51.4	51.3	51.6	51.7	51.8	51.9
1984	51.4	51.8	51.7	52.0	51.8	51.7	51.7	51.6	51.7	51.1	51.5	52.0
1985	51.7	51.8	52.4	52.0	51.7	51.8	51.6	51.9	51.7	52.0	51.8	51.6
1986	51.5	51.0	51.3	51.4	51.8	52.4	52.2	52.3	51.8	51.9	52.1	52.0
Civilian employment-population ratio, men, 55 to 64 years												
1982	66.7	66.2	66.7	66.7	66.7	66.4	66.3	66.1	67.3	66.2	65.8	65.3
1983	65.2	65.1	64.7	64.6	64.8	65.3	65.2	65.1	65.3	65.4	65.7	65.6
1984	65.2	65.3	64.9	65.2	65.0	65.0	65.0	65.2	65.2	64.7	64.9	65.5
1985	64.9	64.9	65.7	65.3	64.6	65.1	64.9	65.2	64.9	65.0	64.8	64.3
1986	64.3	63.4	64.1	64.3	64.8	64.5	64.4	64.2	64.3	64.5	64.7	65.0
Civilian employment-population ratio, women, 55 to 64 years												
1982	39.5	39.0	39.6	39.6	39.4	39.5	39.6	40.0	40.1	39.5	39.8	39.5
1983	39.8	39.4	39.2	39.0	39.0	39.2	39.4	39.3	39.6	39.7	39.6	40.0
1984	39.4	40.1	40.1	40.4	40.3	40.1	40.1	39.8	40.0	39.2	39.9	40.2
1985	40.0	40.2	40.7	40.3	40.4	39.9	39.8	40.1	39.9	40.5	40.2	40.3
1986	40.2	40.0	40.0	40.1	40.4	41.6	41.5	41.8	40.7	40.8	40.8	40.5

6. Employment-population ratios by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, both sexes, 65 years and over												
1982	11.6	11.5	11.5	11.5	11.9	11.9	11.6	11.3	11.5	11.2	11.3	11.3
1983	11.3	11.3	11.4	11.3	11.2	11.1	11.2	11.3	11.6	11.4	11.4	11.1
1984	11.1	11.0	10.8	10.7	10.7	10.5	10.6	10.6	10.8	10.8	10.6	10.6
1985	10.4	10.5	10.7	10.5	10.4	10.3	10.1	10.3	10.4	10.4	10.4	10.5
1986	10.9	10.6	10.6	10.7	10.7	10.8	10.8	10.7	10.4	10.2	10.5	10.6
Civilian employment-population ratio, men, 65 years and over												
1982	17.4	17.4	17.4	17.4	17.6	18.0	17.2	16.5	16.8	16.4	16.7	16.8
1983	18.7	18.5	17.0	16.9	16.3	16.7	17.0	16.9	16.9	16.8	17.0	16.3
1984	16.4	16.3	15.9	15.7	15.7	15.7	15.7	15.7	16.0	15.8	15.4	15.2
1985	14.9	15.2	15.7	15.3	15.2	15.1	14.6	15.4	15.5	15.5	15.4	15.6
1986	16.1	15.6	15.7	15.7	15.8	15.8	15.4	15.2	14.8	14.6	15.3	15.8
Civilian employment-population ratio, women, 65 years and over												
1982	7.6	7.5	7.5	7.5	7.9	7.7	7.8	7.7	7.9	7.6	7.5	7.5
1983	7.8	7.7	7.6	7.5	7.6	7.3	7.2	7.5	7.9	7.7	7.5	7.5
1984	7.4	7.3	7.3	7.3	7.2	6.9	7.0	7.2	7.2	7.3	7.3	7.4
1985	7.2	7.3	7.2	7.2	7.0	7.0	7.0	6.7	6.8	6.9	6.9	7.0
1986	7.2	7.0	7.1	7.2	7.2	7.4	7.5	7.5	7.4	7.1	7.2	6.9
Civilian employment-population ratio, white workers												
1982	59.1	59.2	59.1	59.0	59.3	58.9	58.8	58.8	58.7	58.5	58.3	58.2
1983	58.2	58.1	58.1	58.3	58.4	58.9	59.1	59.3	59.5	59.5	59.8	60.0
1984	59.9	60.1	60.2	60.3	60.7	60.9	60.7	60.4	60.5	60.8	60.6	60.8
1985	60.7	61.0	61.1	61.0	61.0	60.6	60.8	60.8	61.1	61.2	61.3	61.3
1986	61.4	61.2	61.3	61.3	61.4	61.6	61.6	61.8	61.6	61.7	61.7	61.8
Civilian employment-population ratio, white men												
1982	71.4	71.5	71.2	71.0	71.4	70.6	70.3	70.4	70.3	70.1	69.8	69.6
1983	69.5	69.4	69.3	69.5	69.8	70.6	70.8	70.8	70.9	71.0	71.4	71.8
1984	71.5	71.7	71.8	71.9	72.1	72.7	72.4	72.1	72.3	72.3	72.3	72.4
1985	72.2	72.2	72.4	72.4	72.6	72.0	72.1	72.1	72.4	72.5	72.4	72.3
1986	72.6	72.3	72.2	72.2	72.1	72.2	72.1	72.3	72.3	72.2	72.4	72.6
Civilian employment-population ratio, white women												
1982	48.0	48.0	48.1	48.1	48.3	48.3	48.3	48.3	48.2	47.9	47.9	47.8
1983	47.9	47.8	47.9	48.0	48.0	48.2	48.5	48.9	49.1	49.1	49.3	49.4
1984	49.2	49.5	49.5	49.7	50.3	50.0	50.1	49.7	49.7	49.8	49.9	50.1
1985	50.3	50.7	50.8	50.6	50.5	50.3	50.4	50.5	50.8	51.0	51.1	51.1
1986	51.2	51.0	51.2	51.3	51.5	51.9	52.0	52.2	51.9	52.0	51.9	52.0
Civilian employment-population ratio, white workers, 16 to 19 years												
1982	46.4	46.3	46.3	46.3	47.3	45.4	44.8	45.5	45.5	45.6	45.5	44.8
1983	45.4	45.0	44.5	44.5	44.6	46.5	46.1	46.8	46.9	46.4	47.1	47.8
1984	47.6	47.7	47.6	48.0	48.3	49.3	48.9	46.8	48.0	48.0	48.1	48.6
1985	48.9	49.4	49.3	48.9	48.8	47.1	48.4	47.5	48.5	48.0	48.7	48.2
1986	48.0	48.8	49.1	48.7	48.8	48.7	48.5	49.1	48.7	49.4	48.7	48.7
Civilian employment-population ratio, white men, 16 to 19 years												
1982	48.4	48.2	48.0	47.3	49.1	46.2	45.0	46.7	46.1	46.5	46.3	45.9
1983	46.3	46.2	45.2	45.6	46.2	48.8	47.7	48.0	48.6	47.8	49.0	49.3
1984	47.8	48.9	49.1	48.7	49.3	51.0	48.8	47.8	49.0	49.3	49.5	50.2
1985	50.6	49.9	50.8	51.1	50.8	49.8	49.9	48.8	49.4	48.8	49.3	49.2
1986	49.1	49.7	49.4	49.3	49.4	49.3	49.7	50.0	50.2	50.5	49.9	49.2
Civilian employment-population ratio, white women, 16 to 19 years												
1982	44.3	44.3	44.5	45.3	45.4	44.6	44.5	44.4	44.9	44.7	44.6	43.7
1983	44.5	43.9	43.7	43.4	42.9	44.2	44.6	45.6	45.2	45.0	45.3	46.3
1984	47.5	46.5	46.0	47.2	47.2	47.6	49.0	45.8	47.0	46.8	46.8	46.9
1985	47.3	48.9	47.6	46.8	46.7	44.5	46.9	46.3	47.7	47.1	48.0	47.2
1986	47.0	47.9	48.8	48.0	48.2	48.0	47.4	48.2	47.1	48.2	47.5	48.3

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

6. Employment-population ratios by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, white workers, 20 years and over												
1982	60.4	60.5	60.3	60.2	60.5	60.2	60.1	60.1	60.0	59.7	59.5	59.5
1983	59.4	59.3	59.4	59.6	59.6	60.0	60.3	60.5	60.6	60.7	61.0	61.0
1984	61.0	61.2	61.3	61.4	61.8	61.9	61.8	61.5	61.6	61.6	61.7	61.8
1985	61.7	61.9	62.1	62.0	62.0	61.8	61.8	62.0	62.2	62.3	62.3	62.4
1986	62.6	62.2	62.3	62.4	62.4	62.7	62.7	62.9	62.7	62.7	62.8	62.9
Civilian employment-population ratio, white men, 20 years and over												
1982	73.8	73.9	73.6	73.4	73.6	73.1	72.9	72.8	72.7	72.4	72.1	72.0
1983	71.8	71.6	71.7	71.9	72.1	72.7	73.0	73.0	73.0	73.2	73.5	73.7
1984	73.8	73.9	73.9	74.1	74.2	74.7	74.5	74.3	74.5	74.4	74.4	74.4
1985	74.1	74.2	74.3	74.2	74.5	74.0	74.0	74.2	74.4	74.6	74.5	74.4
1986	74.7	74.3	74.2	74.2	74.1	74.2	74.1	74.3	74.2	74.1	74.4	74.6
Civilian employment-population ratio, white women, 20 years and over												
1982	48.3	48.4	48.4	48.3	48.6	48.6	48.6	48.6	48.5	48.2	48.2	48.2
1983	48.2	48.2	48.2	48.4	48.4	48.8	48.9	49.2	49.4	49.4	49.6	49.6
1984	49.4	49.7	49.8	49.9	50.5	50.2	50.2	50.0	49.9	50.1	50.2	50.4
1985	50.5	50.8	51.0	50.9	50.8	50.7	50.7	50.9	51.1	51.3	51.3	51.4
1986	51.5	51.2	51.4	51.5	51.8	52.2	52.4	52.5	52.3	52.3	52.3	52.3
Civilian employment-population ratio, black workers												
1982	50.5	50.2	49.8	49.4	49.5	49.2	49.4	49.5	49.2	48.9	49.0	48.8
1983	48.8	49.3	49.1	48.9	48.9	49.2	49.9	49.7	50.2	49.8	50.3	50.3
1984	50.6	51.8	51.3	51.2	52.1	52.4	52.0	52.9	53.0	53.1	53.6	53.5
1985	53.5	52.9	53.2	53.4	53.1	53.6	53.3	53.9	53.4	53.5	53.2	53.9
1986	54.1	53.9	54.2	54.3	54.3	54.2	54.1	53.5	53.8	54.2	54.2	54.4
Civilian employment-population ratio, black men												
1982	57.1	57.2	56.8	56.6	56.4	55.5	56.1	56.0	55.1	55.0	55.5	54.6
1983	55.0	55.3	55.4	55.2	54.9	56.1	56.7	56.4	56.9	57.1	58.0	58.0
1984	58.1	59.4	58.5	57.7	59.2	58.7	58.4	59.7	59.9	60.2	60.6	60.0
1985	59.9	59.6	59.5	59.6	59.6	59.9	60.0	61.3	60.4	60.0	59.5	60.1
1986	60.8	60.4	60.9	60.9	61.1	60.7	60.6	59.9	60.0	60.3	60.4	61.2
Civilian employment-population ratio, black women												
1982	45.2	44.5	44.2	43.7	44.0	44.2	44.0	44.3	44.4	44.0	43.8	44.1
1983	43.8	44.5	44.0	43.8	44.1	43.7	44.4	44.3	44.8	43.9	44.2	44.1
1984	44.4	45.7	45.5	46.0	46.3	47.2	46.9	47.4	47.5	47.4	48.0	48.1
1985	48.4	47.5	48.1	48.3	47.9	48.5	47.9	47.8	47.7	48.2	48.1	48.8
1986	48.5	48.6	48.7	48.9	48.9	48.8	48.8	48.3	48.9	49.3	49.2	49.0
Civilian employment-population ratio, black workers, 16 to 19 years												
1982	21.1	21.3	19.7	18.0	18.3	15.6	17.9	19.1	19.6	19.4	18.9	19.3
1983	19.4	18.7	19.2	18.5	18.4	18.9	19.1	18.5	17.7	17.9	19.3	19.2
1984	18.8	20.9	19.2	21.0	19.9	23.9	23.1	23.2	23.1	23.7	23.4	23.5
1985	24.3	23.6	24.3	25.2	25.0	23.4	25.3	26.0	24.6	25.1	24.1	24.5
1986	24.6	25.6	25.2	25.3	25.7	26.0	24.0	23.1	25.2	26.3	25.1	25.3
Civilian employment-population ratio, black men, 16 to 19 years												
1982	24.2	23.8	21.1	19.8	19.9	14.8	19.5	21.4	20.3	20.7	19.2	19.5
1983	21.2	20.3	21.0	19.5	18.4	20.3	21.8	19.3	18.1	21.4	22.3	21.3
1984	20.9	21.3	22.7	23.4	23.8	25.1	24.4	24.9	25.5	24.3	25.4	24.7
1985	25.3	25.1	26.1	27.1	26.4	24.2	26.9	29.6	26.6	27.4	23.7	27.0
1986	26.2	27.7	26.1	26.8	28.6	26.4	25.4	25.5	25.9	26.2	26.3	26.6
Civilian employment-population ratio, black women, 16 to 19 years												
1982	18.3	18.9	18.4	16.3	16.8	16.3	16.5	16.9	19.0	18.2	18.6	19.2
1983	17.8	17.2	17.5	17.5	18.3	17.6	16.5	17.7	17.2	14.5	16.4	17.1
1984	16.8	20.5	15.8	18.7	16.1	22.8	21.8	21.6	20.8	23.2	21.4	22.3
1985	23.3	22.2	22.7	23.3	23.8	22.7	23.8	22.4	22.7	22.8	24.4	22.1
1986	23.0	23.7	24.3	23.8	22.8	25.5	22.6	20.8	24.5	26.5	24.1	24.0

6. Employment-population ratios by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, black workers, 20 years and over												
1982	54.6	54.2	54.0	53.8	53.9	53.9	53.7	53.7	53.2	52.9	53.1	52.9
1983	52.8	53.5	53.1	53.0	53.0	53.3	54.0	53.8	54.5	54.0	54.4	54.4
1984	54.7	55.8	55.4	55.1	56.1	56.0	55.7	56.7	56.7	56.8	57.3	57.1
1985	57.2	56.8	56.8	56.9	56.6	57.3	56.8	57.3	56.9	57.0	56.8	57.4
1986	57.6	57.3	57.6	57.8	57.8	57.5	57.7	57.1	57.3	57.6	57.7	57.9
Civilian employment-population ratio, black men, 20 years and over												
1982	62.2	62.4	62.3	62.2	61.9	61.8	61.7	61.3	60.4	60.2	60.9	60.0
1983	60.1	60.6	60.6	60.6	60.3	61.4	61.9	61.8	62.5	62.3	63.2	63.3
1984	63.5	64.8	63.5	62.5	64.1	63.4	63.1	64.5	64.6	65.1	65.4	64.8
1985	64.7	64.4	64.1	64.1	64.2	64.8	64.5	65.6	65.0	64.4	64.3	64.6
1986	65.5	64.8	65.5	65.4	65.4	65.3	65.3	64.5	64.5	64.8	65.0	65.7
Civilian employment-population ratio, black women, 20 years and over												
1982	48.7	47.8	47.5	47.2	47.5	47.7	47.5	47.7	47.5	47.2	46.9	47.3
1983	47.0	47.9	47.3	47.1	47.3	46.9	47.8	47.5	48.1	47.4	47.5	47.3
1984	47.7	48.7	49.0	49.2	49.8	50.1	49.7	50.4	50.5	50.2	51.0	51.1
1985	51.2	50.4	50.9	51.1	50.6	51.4	50.6	50.7	50.5	51.1	50.8	51.8
1986	51.4	51.3	51.4	51.7	51.7	51.4	51.6	51.3	51.5	51.8	51.9	51.7
Civilian employment-population ratio, Hispanic-origin workers												
1982	56.1	56.5	56.5	55.7	55.6	54.6	54.1	54.0	54.0	54.2	53.6	53.7
1983	53.7	53.7	53.2	54.3	54.5	55.0	55.6	55.9	55.8	55.8	56.0	56.6
1984	57.2	57.2	57.3	56.8	57.9	58.4	58.2	58.1	58.3	58.1	58.4	59.1
1985	57.3	58.3	57.9	57.5	57.4	57.4	57.5	58.5	58.7	58.0	57.4	57.5
1986	57.6	57.4	58.1	58.2	58.1	58.6	58.8	58.5	58.6	58.9	59.5	59.4

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

7. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed, all civilian workers												
1982	9,397	9,705	9,895	10,244	10,335	10,538	10,849	10,881	11,217	11,529	11,938	12,051
1983	11,526	11,542	11,403	11,268	11,152	11,248	10,530	10,599	10,276	9,877	9,500	9,369
1984	9,038	8,815	8,750	8,749	8,456	8,212	8,486	8,493	8,356	8,372	8,207	8,385
1985	8,508	8,365	8,351	8,364	8,291	8,385	8,438	8,141	8,242	8,288	8,171	8,184
1986	7,902	8,485	8,380	8,323	8,422	8,392	8,230	8,057	8,285	8,222	8,243	7,949
Unemployed men												
1982	5,396	5,494	5,681	5,838	5,867	6,135	6,261	6,348	6,635	6,819	6,998	7,030
1983	6,658	6,777	6,699	6,679	6,609	6,437	6,190	6,222	5,994	5,744	5,478	5,310
1984	5,138	4,960	4,901	4,888	4,674	4,560	4,694	4,618	4,636	4,541	4,517	4,639
1985	4,626	4,578	4,512	4,563	4,427	4,614	4,598	4,429	4,432	4,570	4,455	4,411
1986	4,274	4,595	4,572	4,517	4,653	4,619	4,566	4,428	4,600	4,565	4,574	4,439
Unemployed women												
1982	4,001	4,211	4,214	4,406	4,448	4,403	4,588	4,533	4,582	4,710	4,940	5,021
1983	4,868	4,785	4,704	4,589	4,543	4,811	4,340	4,377	4,282	4,133	4,022	4,059
1984	3,902	3,855	3,849	3,861	3,782	3,652	3,792	3,875	3,720	3,831	3,690	3,746
1985	3,880	3,787	3,839	3,801	3,864	3,771	3,840	3,712	3,810	3,718	3,716	3,773
1986	3,628	3,890	3,808	3,806	3,769	3,773	3,664	3,629	3,685	3,657	3,669	3,510
Unemployed both sexes, 16 to 19 years												
1982	1,908	1,966	1,868	1,958	1,992	1,902	2,011	2,014	2,000	2,013	2,056	2,026
1983	1,930	1,859	1,904	1,892	1,828	2,025	1,869	1,913	1,759	1,711	1,636	1,612
1984	1,554	1,548	1,576	1,541	1,490	1,475	1,484	1,458	1,518	1,460	1,396	1,498
1985	1,517	1,479	1,475	1,402	1,483	1,402	1,572	1,373	1,400	1,577	1,444	1,494
1986	1,413	1,500	1,460	1,548	1,504	1,502	1,409	1,429	1,465	1,414	1,447	1,359
Unemployed, men, 16 to 19 years												
1982	1,038	1,059	1,057	1,096	1,099	1,063	1,078	1,108	1,099	1,108	1,145	1,127
1983	1,062	1,046	1,080	1,040	1,006	1,071	1,018	1,071	967	934	875	863
1984	855	828	854	824	796	789	832	757	806	803	782	817
1985	820	816	784	772	798	767	865	798	772	897	791	794
1986	730	799	783	829	833	811	755	794	795	751	754	714
Unemployed, women, 16 to 19 years												
1982	870	907	811	862	893	839	933	906	901	905	911	899
1983	868	813	824	852	822	954	851	842	792	777	761	749
1984	699	720	722	717	694	686	652	701	712	657	614	681
1985	697	663	691	630	685	635	707	575	628	680	653	700
1986	683	701	677	719	671	691	654	635	670	663	693	645
Unemployed both sexes, 20 years and over												
1982	7,489	7,739	8,027	8,286	8,343	8,636	8,838	8,867	9,217	9,516	9,882	10,025
1983	9,596	9,683	9,499	9,376	9,324	9,223	8,661	8,686	8,517	8,166	7,864	7,757
1984	7,484	7,267	7,174	7,208	6,966	6,737	7,002	7,035	6,838	6,912	6,811	6,687
1985	6,989	6,866	6,876	6,962	6,808	6,983	6,866	6,768	6,842	6,711	6,727	6,690
1986	6,489	6,985	6,920	6,775	6,918	6,890	6,821	6,628	6,820	6,808	6,796	6,590
Unemployed men, 20 years and over												
1982	4,358	4,435	4,624	4,742	4,768	5,072	5,183	5,240	5,536	5,711	5,853	5,903
1983	5,596	5,731	5,619	5,639	5,603	5,366	5,172	5,151	5,027	4,810	4,603	4,447
1984	4,281	4,132	4,047	4,064	3,878	3,771	3,862	3,861	3,830	3,738	3,735	3,822
1985	3,806	3,762	3,728	3,791	3,629	3,847	3,733	3,631	3,660	3,673	3,664	3,617
1986	3,544	3,796	3,789	3,688	3,820	3,808	3,811	3,634	3,805	3,814	3,820	3,725
Unemployed women, 20 years and over												
1982	3,131	3,304	3,403	3,544	3,555	3,564	3,655	3,627	3,681	3,805	4,029	4,122
1983	4,000	3,952	3,880	3,737	3,721	3,857	3,489	3,535	3,490	3,356	3,261	3,310
1984	3,203	3,135	3,127	3,144	3,088	2,966	3,140	3,174	3,008	3,174	3,076	3,065
1985	3,183	3,124	3,148	3,171	3,179	3,136	3,133	3,137	3,182	3,038	3,063	3,073
1986	2,945	3,189	3,131	3,087	3,098	3,082	3,010	2,994	3,015	2,994	2,976	2,865

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

7. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed both sexes, 20 to 24 years												
1982	2,166	2,249	2,294	2,347	2,294	2,358	2,377	2,436	2,453	2,531	2,639	2,630
1983	2,578	2,608	2,492	2,456	2,425	2,356	2,225	2,304	2,206	2,183	2,077	1,976
1984	2,004	1,868	1,885	1,943	1,815	1,743	1,802	1,868	1,804	1,771	1,761	1,781
1985	1,759	1,785	1,769	1,738	1,777	1,755	1,740	1,693	1,698	1,724	1,743	1,665
1986	1,643	1,706	1,665	1,670	1,738	1,655	1,662	1,572	1,708	1,608	1,558	1,627
Unemployed men, 20 to 24 years												
1982	1,264	1,317	1,357	1,369	1,331	1,371	1,392	1,418	1,484	1,509	1,564	1,544
1983	1,517	1,522	1,429	1,452	1,454	1,387	1,355	1,355	1,274	1,278	1,188	1,136
1984	1,134	1,045	1,040	1,081	982	990	987	1,044	1,049	953	961	999
1985	960	990	971	933	988	974	950	899	896	938	937	881
1986	888	895	911	928	945	888	905	831	966	864	881	909
Unemployed women, 20 to 24 years												
1982	882	932	937	978	963	987	985	1,018	969	1,022	1,075	1,086
1983	1,061	1,086	1,063	1,004	971	969	870	949	932	905	889	840
1984	870	823	845	852	853	753	815	824	755	818	800	782
1985	799	795	798	805	789	781	790	794	802	786	806	784
1986	775	811	754	742	793	767	757	741	742	744	677	718
Unemployed both sexes, 25 years and over												
1982	5,325	5,501	5,755	5,947	6,080	6,290	6,428	6,393	6,776	6,983	7,230	7,396
1983	7,036	7,084	7,016	6,931	6,908	6,878	6,408	6,360	6,320	5,977	5,785	5,798
1984	5,505	5,400	5,286	5,273	5,139	4,984	5,184	5,160	5,040	5,134	5,048	5,123
1985	5,264	5,098	5,097	5,220	5,011	5,210	5,113	5,089	5,156	4,984	4,979	5,034
1986	4,884	5,275	5,239	5,097	5,161	5,212	5,148	5,087	5,130	5,197	5,230	4,961
Unemployed men, 25 years and over												
1982	3,080	3,134	3,283	3,385	3,476	3,701	3,755	3,827	4,068	4,204	4,272	4,323
1983	4,101	4,224	4,196	4,201	4,151	3,963	3,784	3,808	3,767	3,528	3,408	3,298
1984	3,172	3,094	3,005	2,985	2,905	2,755	2,856	2,831	2,793	2,781	2,771	2,816
1985	2,880	2,779	2,750	2,860	2,618	2,840	2,769	2,755	2,779	2,733	2,722	2,730
1986	2,712	2,906	2,867	2,758	2,855	2,885	2,896	2,835	2,857	2,945	2,931	2,809
Unemployed women, 25 years and over												
1982	2,245	2,367	2,472	2,562	2,604	2,589	2,673	2,566	2,708	2,779	2,958	3,073
1983	2,935	2,860	2,820	2,730	2,757	2,915	2,624	2,552	2,553	2,449	2,377	2,500
1984	2,333	2,306	2,281	2,288	2,234	2,229	2,328	2,329	2,247	2,353	2,277	2,307
1985	2,384	2,319	2,347	2,360	2,393	2,370	2,344	2,334	2,377	2,251	2,257	2,304
1986	2,172	2,369	2,372	2,339	2,306	2,327	2,252	2,252	2,273	2,252	2,299	2,152
Unemployed both sexes, 25 to 54 years												
1982	4,706	4,827	5,068	5,182	5,377	5,473	5,652	5,666	6,008	6,183	6,351	6,482
1983	6,231	6,233	6,210	6,063	6,132	6,033	5,645	5,651	5,553	5,266	5,032	5,006
1984	4,807	4,737	4,638	4,614	4,494	4,300	4,548	4,519	4,380	4,455	4,371	4,454
1985	4,635	4,511	4,508	4,608	4,393	4,580	4,476	4,486	4,543	4,406	4,381	4,417
1986	4,307	4,641	4,615	4,521	4,634	4,677	4,584	4,525	4,523	4,597	4,630	4,422
Unemployed men, 25 to 54 years												
1982	2,692	2,710	2,860	2,926	3,056	3,234	3,307	3,349	3,590	3,685	3,735	3,773
1983	3,570	3,674	3,672	3,627	3,633	3,481	3,303	3,340	3,274	3,079	2,938	2,814
1984	2,729	2,677	2,582	2,584	2,509	2,386	2,459	2,422	2,362	2,383	2,365	2,418
1985	2,491	2,419	2,404	2,511	2,271	2,474	2,375	2,418	2,412	2,374	2,362	2,383
1986	2,359	2,528	2,494	2,420	2,536	2,551	2,548	2,471	2,472	2,558	2,568	2,462
Unemployed women, 25 to 54 years												
1982	2,014	2,117	2,208	2,256	2,321	2,239	2,345	2,317	2,418	2,498	2,616	2,709
1983	2,661	2,559	2,538	2,436	2,499	2,552	2,342	2,311	2,279	2,187	2,094	2,192
1984	2,078	2,060	2,056	2,030	1,985	1,914	2,089	2,097	2,018	2,072	2,006	2,036
1985	2,144	2,092	2,104	2,097	2,122	2,106	2,101	2,068	2,131	2,032	2,019	2,034
1986	1,948	2,113	2,121	2,101	2,098	2,126	2,036	2,054	2,051	2,039	2,062	1,960

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

7. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed both sexes, 25 to 34 years												
1982	2,552	2,603	2,745	2,884	2,951	3,109	3,153	3,113	3,324	3,354	3,379	3,463
1983	3,346	3,321	3,384	3,210	3,217	3,201	2,949	3,003	2,957	2,809	2,744	2,681
1984	2,606	2,555	2,521	2,452	2,339	2,251	2,364	2,302	2,185	2,260	2,268	2,302
1985	2,401	2,331	2,276	2,401	2,326	2,353	2,290	2,352	2,398	2,340	2,330	2,304
1986	2,216	2,409	2,403	2,382	2,439	2,423	2,420	2,387	2,396	2,427	2,447	2,371
Unemployed men, 25 to 34 years												
1982	1,484	1,527	1,594	1,681	1,700	1,852	1,872	1,863	2,000	2,020	2,010	2,060
1983	1,931	1,985	2,052	1,954	1,937	1,874	1,744	1,794	1,747	1,635	1,591	1,497
1984	1,505	1,458	1,390	1,365	1,301	1,250	1,300	1,239	1,157	1,226	1,261	1,306
1985	1,287	1,251	1,221	1,299	1,210	1,252	1,192	1,266	1,273	1,235	1,218	1,215
1986	1,176	1,268	1,274	1,271	1,336	1,313	1,342	1,277	1,291	1,352	1,333	1,297
Unemployed women, 25 to 34 years												
1982	1,068	1,076	1,151	1,203	1,251	1,257	1,281	1,250	1,324	1,334	1,369	1,403
1983	1,415	1,336	1,332	1,256	1,280	1,327	1,205	1,209	1,210	1,174	1,153	1,184
1984	1,101	1,097	1,131	1,087	1,038	1,001	1,064	1,063	1,008	1,034	1,007	996
1985	1,114	1,080	1,055	1,102	1,116	1,101	1,098	1,086	1,125	1,105	1,112	1,089
1986	1,040	1,141	1,129	1,111	1,103	1,110	1,078	1,110	1,105	1,075	1,114	1,074
Unemployed both sexes, 35 to 44 years												
1982	1,317	1,362	1,399	1,406	1,482	1,483	1,517	1,588	1,612	1,740	1,853	1,947
1983	1,802	1,804	1,742	1,719	1,785	1,745	1,687	1,595	1,613	1,502	1,401	1,392
1984	1,340	1,342	1,311	1,358	1,320	1,295	1,342	1,410	1,379	1,369	1,260	1,300
1985	1,387	1,335	1,366	1,320	1,329	1,422	1,364	1,338	1,323	1,272	1,297	1,320
1986	1,283	1,443	1,411	1,361	1,397	1,386	1,364	1,349	1,342	1,404	1,410	1,328
Unemployed men, 35 to 44 years												
1982	735	715	773	761	825	859	868	921	951	1,025	1,079	1,098
1983	1,016	1,012	978	1,003	1,034	985	965	930	949	883	809	774
1984	747	745	725	768	746	737	743	773	757	721	649	632
1985	720	701	718	715	676	762	716	675	683	663	701	738
1986	741	825	769	700	749	762	754	770	755	794	792	751
Unemployed women, 35 to 44 years												
1982	582	647	626	645	657	624	649	667	661	715	774	849
1983	796	792	764	716	751	760	722	665	664	619	592	618
1984	593	597	586	590	574	558	599	637	622	648	611	668
1985	667	634	648	605	653	660	848	663	640	609	596	582
1986	542	618	642	661	648	624	610	579	587	610	618	577
Unemployed both sexes, 45 to 54 years												
1982	837	862	924	892	944	881	982	965	1,072	1,089	1,119	1,072
1983	1,083	1,108	1,084	1,134	1,130	1,087	1,009	1,053	983	955	867	933
1984	861	840	806	804	835	754	842	807	836	826	843	852
1985	847	845	866	887	738	805	822	796	822	794	754	783
1986	808	789	801	778	798	868	800	789	785	766	773	723
Unemployed men, 45 to 54 years												
1982	473	468	493	484	531	523	567	585	639	840	646	615
1983	623	677	642	670	662	622	594	616	578	561	538	543
1984	477	474	467	451	462	399	416	410	448	436	455	480
1985	484	467	465	497	385	460	467	477	456	476	443	430
1986	442	435	451	449	451	476	452	424	426	412	443	414
Unemployed women, 45 to 54 years												
1982	364	394	431	408	413	358	415	400	433	449	473	457
1983	460	431	442	464	468	465	415	437	405	394	349	390
1984	384	366	339	353	373	355	426	397	388	390	388	372
1985	363	378	401	390	353	345	355	319	366	318	311	363
1986	386	354	350	329	347	392	348	365	359	354	330	309

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

7. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed both sexes, 55 years and over												
1982	631	659	703	750	745	778	778	777	783	806	832	855
1983	822	838	817	859	814	834	784	752	756	725	720	735
1984	705	660	648	653	676	690	648	670	645	690	646	620
1985	635	586	592	612	644	655	658	619	597	581	565	585
1986	581	631	623	576	556	589	574	561	567	603	571	527
Unemployed men, 55 years and over												
1982	384	397	427	457	439	462	452	496	480	518	522	540
1983	526	530	521	577	538	505	493	479	480	454	462	466
1984	436	408	411	408	418	390	403	410	413	396	399	389
1985	380	354	338	359	369	394	405	336	350	356	353	346
1986	345	373	384	348	344	363	350	356	364	385	361	351
Unemployed women, 55 years and over												
1982	247	262	276	293	306	316	326	281	303	288	310	315
1983	296	308	296	282	276	329	291	273	276	271	258	269
1984	269	252	237	245	258	300	245	260	232	294	247	231
1985	255	232	254	253	275	261	253	283	247	225	212	239
1986	236	258	259	228	212	206	224	205	223	218	210	176
Unemployed both sexes, 55 to 64 years												
1982	551	572	603	638	627	698	683	662	664	688	703	725
1983	699	715	720	747	693	715	658	640	619	639	622	617
1984	605	565	553	554	556	594	563	567	547	594	546	538
1985	533	502	494	518	556	562	547	526	518	490	473	491
1986	493	525	514	501	489	470	480	474	496	513	485	442
Unemployed men, 55 to 64 years												
1982	333	343	357	383	373	416	391	421	401	439	436	456
1983	445	444	454	501	457	428	416	403	400	409	404	396
1984	381	360	363	354	341	347	359	353	358	347	345	341
1985	316	303	279	308	322	339	334	293	304	300	294	290
1986	297	310	301	298	285	291	287	299	308	324	306	302
Unemployed women, 55 to 64 years												
1982	218	229	246	255	254	282	292	241	263	249	267	269
1983	254	271	266	246	236	287	242	237	219	230	218	221
1984	224	205	190	200	215	247	204	214	189	247	201	197
1985	217	199	215	210	234	223	213	233	214	190	179	201
1986	196	215	213	203	184	179	193	175	188	189	179	140
Unemployed both sexes, 65 years and over												
1982	80	87	100	112	118	80	95	115	119	118	129	130
1983	123	123	97	112	121	119	126	112	137	86	98	118
1984	100	95	95	99	120	96	85	103	98	96	100	82
1985	102	84	98	94	88	93	111	93	79	91	92	94
1986	88	106	109	75	87	99	94	87	91	90	86	85
Unemployed men, 65 years and over												
1982	51	54	70	74	66	46	61	75	79	79	86	84
1983	81	86	67	76	81	77	77	76	80	45	58	70
1984	55	48	48	54	77	43	44	57	55	49	54	48
1985	64	51	59	51	47	55	71	43	46	56	59	56
1986	48	63	63	50	59	72	63	57	56	61	55	49
Unemployed women, 65 years and over												
1982	29	33	30	38	52	34	34	40	40	39	43	46
1983	42	37	30	36	40	42	49	36	57	41	40	48
1984	45	47	47	45	43	53	41	46	43	47	46	34
1985	38	33	39	43	41	38	40	50	33	35	33	38
1986	40	43	46	25	28	27	31	30	35	29	31	36

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

7. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed white workers												
1982	7,259	7,448	7,628	7,942	7,935	8,169	8,408	8,371	8,667	8,896	9,266	9,350
1983	8,789	8,897	8,741	8,565	8,466	8,490	7,920	7,967	7,765	7,464	7,177	7,012
1984	6,772	6,842	6,573	6,533	6,325	6,142	6,177	6,270	6,259	6,243	6,104	6,264
1985	6,405	6,173	6,218	6,222	6,127	6,396	6,292	6,146	8,110	6,165	5,957	6,068
1986	5,894	6,398	6,253	6,142	6,248	6,226	6,154	5,945	6,158	6,150	6,174	5,970
Unemployed white men												
1982	4,222	4,298	4,446	4,607	4,601	4,855	4,964	5,006	5,199	5,334	5,511	5,483
1983	5,140	5,341	5,285	5,208	5,121	4,949	4,728	4,774	4,646	4,486	4,248	4,098
1984	3,942	3,808	3,751	3,691	3,548	3,441	3,460	3,453	3,516	3,450	3,455	3,512
1985	3,524	3,460	3,398	3,438	3,316	3,609	3,522	3,421	3,335	3,439	3,318	3,309
1986	3,212	3,497	3,474	3,388	3,508	3,496	3,458	3,300	3,482	3,473	3,509	3,426
Unemployed white women												
1982	3,037	3,150	3,182	3,335	3,334	3,314	3,444	3,365	3,468	3,562	3,755	3,867
1983	3,649	3,556	3,456	3,357	3,345	3,541	3,192	3,193	3,119	2,978	2,929	2,914
1984	2,830	2,834	2,822	2,842	2,777	2,701	2,717	2,817	2,743	2,793	2,649	2,752
1985	2,881	2,713	2,818	2,784	2,811	2,787	2,770	2,725	2,775	2,726	2,639	2,559
1986	2,682	2,901	2,779	2,754	2,740	2,730	2,896	2,645	2,676	2,677	2,685	2,544
Unemployed white workers, 16 to 19 years												
1982	1,513	1,526	1,443	1,566	1,532	1,483	1,534	1,537	1,536	1,580	1,584	1,579
1983	1,499	1,452	1,533	1,458	1,397	1,500	1,387	1,435	1,287	1,281	1,214	1,201
1984	1,154	1,166	1,215	1,146	1,117	1,119	1,050	1,082	1,131	1,080	1,023	1,101
1985	1,108	1,068	1,084	1,028	1,092	1,052	1,114	1,027	1,021	1,166	1,037	1,090
1986	1,011	1,104	1,029	1,122	1,095	1,092	1,030	1,065	1,094	1,071	1,107	1,028
Unemployed white men, 16 to 19 years												
1982	849	835	817	878	858	834	846	865	849	865	879	875
1983	825	824	868	811	751	782	749	787	698	719	660	654
1984	855	610	660	615	603	596	617	557	606	587	587	598
1985	596	611	581	568	599	573	627	596	550	671	555	577
1986	518	588	557	607	604	607	550	594	600	561	583	540
Unemployed white women, 16 to 19 years												
1982	664	691	626	688	674	649	688	672	887	715	705	704
1983	874	628	665	647	646	718	638	648	589	582	554	547
1984	499	558	555	531	514	523	433	525	525	493	436	503
1985	512	457	503	460	493	479	487	431	471	495	482	513
1986	483	516	472	515	491	485	480	471	494	510	524	486
Unemployed white workers, 20 years and over												
1982	5,746	5,922	6,185	6,376	6,403	6,686	6,874	6,834	7,131	7,316	7,682	7,771
1983	7,290	7,445	7,208	7,107	7,069	6,990	6,533	6,532	6,478	6,183	5,963	5,811
1984	5,618	5,476	5,358	5,387	5,208	5,023	5,127	5,188	5,128	5,163	5,081	5,163
1985	5,297	5,105	5,132	5,194	5,035	5,344	5,178	5,119	5,089	4,999	4,920	4,978
1986	4,883	5,294	5,224	5,020	5,153	5,134	5,124	4,880	5,064	5,079	5,067	4,944
Unemployed white men, 20 years and over												
1982	3,373	3,463	3,629	3,729	3,743	4,021	4,118	4,141	4,350	4,469	4,632	4,608
1983	4,315	4,517	4,417	4,397	4,370	4,167	3,979	3,987	3,948	3,767	3,588	3,444
1984	3,287	3,198	3,091	3,076	2,945	2,845	2,843	2,896	2,910	2,863	2,868	2,914
1985	2,928	2,649	2,817	2,870	2,717	3,036	2,895	2,825	2,785	2,768	2,783	2,732
1986	2,694	2,909	2,917	2,781	2,904	2,889	2,908	2,706	2,882	2,912	2,926	2,886
Unemployed white women, 20 years and over												
1982	2,373	2,459	2,556	2,647	2,660	2,665	2,756	2,693	2,781	2,847	3,050	3,163
1983	2,975	2,928	2,791	2,710	2,699	2,823	2,554	2,545	2,530	2,416	2,375	2,367
1984	2,331	2,278	2,267	2,311	2,263	2,178	2,284	2,292	2,218	2,300	2,213	2,249
1985	2,369	2,256	2,315	2,324	2,318	2,308	2,283	2,294	2,304	2,231	2,157	2,246
1986	2,189	2,385	2,307	2,239	2,249	2,245	2,216	2,174	2,182	2,167	2,141	2,058

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

7. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed black workers												
1982	1,940	1,994	2,033	2,034	2,087	2,073	2,123	2,143	2,252	2,303	2,329	2,413
1983	2,467	2,317	2,319	2,367	2,365	2,418	2,280	2,305	2,198	2,094	2,029	2,074
1984	2,026	1,944	1,971	1,966	1,891	1,840	2,021	1,948	1,805	1,858	1,824	1,862
1985	1,877	1,981	1,872	1,870	1,901	1,743	1,870	1,744	1,859	1,837	1,926	1,880
1986	1,838	1,868	1,864	1,878	1,882	1,894	1,789	1,837	1,853	1,825	1,809	1,739
Unemployed black men												
1982	1,055	1,078	1,093	1,088	1,116	1,135	1,128	1,146	1,258	1,280	1,288	1,357
1983	1,326	1,247	1,230	1,280	1,306	1,306	1,250	1,261	1,167	1,068	1,048	1,029
1984	1,048	1,020	1,054	1,054	987	1,010	1,081	1,001	943	948	897	969
1985	956	1,006	951	954	952	894	947	860	949	975	983	966
1986	951	967	956	952	967	973	950	945	961	947	912	861
Unemployed black women												
1982	885	918	940	946	971	938	995	997	994	1,023	1,041	1,056
1983	1,141	1,070	1,089	1,087	1,059	1,112	1,030	1,044	1,031	1,026	981	1,045
1984	980	924	917	912	904	830	940	947	862	910	927	893
1985	921	975	921	916	949	849	923	884	910	862	943	914
1986	887	901	908	926	915	921	839	892	892	878	897	878
Unemployed black workers, 16 to 19 years												
1982	360	383	397	374	414	381	394	423	404	396	414	404
1983	378	368	342	393	390	454	395	439	413	382	377	378
1984	363	354	351	362	343	306	357	370	365	356	357	356
1985	372	387	360	345	364	317	374	317	338	370	369	377
1986	373	366	396	390	373	362	313	333	336	315	303	311
Unemployed black men, 16 to 19 years												
1982	175	198	219	210	216	226	205	216	220	215	230	224
1983	207	196	193	205	227	255	218	250	226	182	190	185
1984	186	197	188	190	180	173	183	190	184	197	188	198
1985	210	190	185	185	177	186	207	177	194	199	210	197
1986	192	189	203	197	204	182	181	170	171	168	149	158
Unemployed black women, 16 to 19 years												
1982	185	185	178	164	198	155	189	207	184	181	184	180
1983	171	172	149	188	163	199	177	189	187	200	187	193
1984	177	157	163	172	163	133	174	180	181	159	169	158
1985	182	197	175	160	187	131	167	140	144	171	159	180
1986	181	177	193	193	169	180	132	163	165	147	154	153
Unemployed black workers, 20 years and over												
1982	1,580	1,611	1,636	1,660	1,673	1,692	1,729	1,720	1,848	1,907	1,915	2,009
1983	2,089	1,949	1,977	1,974	1,975	1,964	1,885	1,866	1,785	1,712	1,652	1,696
1984	1,663	1,590	1,620	1,604	1,548	1,534	1,664	1,578	1,440	1,502	1,467	1,506
1985	1,505	1,594	1,512	1,525	1,537	1,426	1,496	1,427	1,521	1,467	1,557	1,503
1986	1,465	1,502	1,468	1,488	1,509	1,532	1,476	1,504	1,517	1,510	1,506	1,428
Unemployed black men, 20 years and over												
1982	880	880	874	878	900	909	923	930	1,038	1,065	1,058	1,133
1983	1,119	1,051	1,037	1,075	1,079	1,051	1,032	1,011	941	886	858	844
1984	860	823	866	864	807	837	898	811	759	751	709	771
1985	746	816	766	769	775	708	740	683	755	776	773	769
1986	759	778	753	755	763	791	769	775	790	779	763	703
Unemployed black women, 20 years and over												
1982	700	731	762	782	773	783	806	790	810	842	857	876
1983	970	898	940	899	896	913	853	855	844	826	794	852
1984	803	767	754	740	741	697	766	767	681	751	758	735
1985	759	778	746	756	762	718	756	744	766	691	784	734
1986	706	724	715	733	746	741	707	729	727	731	743	725

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

7. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed Hispanic-origin workers												
1982	775	813	822	863	944	920	946	1,001	973	1,020	1,034	1,075
1983	1,054	1,067	1,072	1,030	974	1,005	889	922	921	860	883	837
1984	832	743	849	857	786	770	770	799	791	817	778	802
1985	803	730	794	800	805	816	848	802	808	874	840	813
1986	802	931	831	840	870	861	852	882	893	855	789	874
Unemployed married men, spouse present												
1982	2,184	2,207	2,296	2,420	2,492	2,662	2,735	2,791	2,918	3,040	3,060	3,054
1983	2,915	2,917	2,918	2,875	2,834	2,702	2,502	2,604	2,435	2,321	2,224	2,123
1984	2,015	1,978	1,934	1,926	1,875	1,848	1,846	1,858	1,879	1,863	1,819	1,843
1985	1,868	1,810	1,747	1,753	1,620	1,859	1,770	1,717	1,797	1,720	1,751	1,766
1986	1,782	1,839	1,643	1,746	1,837	1,862	1,838	1,729	1,780	1,898	1,862	1,822
Unemployed married women, spouse present												
1982	1,605	1,776	1,818	1,986	1,883	1,844	1,907	1,874	1,954	2,052	2,218	2,149
1983	2,066	2,005	1,964	1,934	1,937	2,045	1,811	1,820	1,789	1,682	1,652	1,684
1984	1,594	1,588	1,544	1,567	1,559	1,528	1,569	1,607	1,558	1,593	1,510	1,528
1985	1,590	1,476	1,605	1,815	1,564	1,606	1,563	1,513	1,610	1,516	1,544	1,514
1986	1,452	1,550	1,557	1,491	1,527	1,488	1,514	1,478	1,455	1,430	1,429	1,378
Unemployed women who maintain families												
1982	594	598	607	651	671	698	720	696	712	651	727	784
1983	775	750	774	738	723	723	689	669	690	668	613	671
1984	647	643	659	641	611	608	620	618	589	631	662	604
1985	631	672	636	681	676	617	658	673	693	647	624	606
1986	630	628	643	609	641	636	610	853	846	590	650	656
Unemployed full-time workers												
1982	7,830	8,012	8,329	8,545	8,691	8,967	9,089	9,194	9,538	9,928	10,159	10,247
1983	9,824	9,891	9,734	9,630	9,464	9,414	8,919	8,987	8,671	8,346	7,943	7,751
1984	7,549	7,287	7,287	7,301	6,991	6,632	6,988	6,980	6,858	6,968	6,786	6,908
1985	6,982	6,908	6,797	6,818	6,719	6,811	6,915	6,701	6,718	6,727	6,721	6,668
1986	6,500	8,898	6,879	8,759	6,924	6,798	6,684	8,518	6,739	6,688	8,673	6,485
Unemployed full-time workers, both sexes, 16 to 19 years												
1982	1,106	1,108	1,122	1,113	1,178	1,147	1,168	1,191	1,178	1,187	1,178	1,149
1983	1,120	1,140	1,109	1,086	1,017	1,174	1,073	1,147	983	987	898	865
1984	841	829	876	843	783	764	775	769	832	809	836	829
1985	840	801	756	695	756	726	837	752	757	850	770	786
1986	753	758	755	786	784	747	703	720	727	686	691	679
Unemployed full-time workers, men, 20 years and over												
1982	4,147	4,170	4,342	4,463	4,542	4,856	4,919	4,964	5,266	5,482	5,557	5,631
1983	5,316	5,427	5,332	5,372	5,337	5,075	4,887	4,890	4,751	4,540	4,342	4,197
1984	4,025	3,869	3,799	3,838	3,838	3,486	3,620	3,624	3,603	3,501	3,481	3,577
1985	3,570	3,516	3,501	3,542	3,395	3,571	3,493	3,396	3,449	3,432	3,445	3,405
1986	3,338	3,567	3,548	3,458	3,582	3,536	3,578	3,380	3,528	3,556	3,584	3,466
Unemployed full-time workers, women, 20 years and over												
1982	2,577	2,734	2,865	2,969	2,971	2,964	3,002	3,039	3,094	3,259	3,424	3,467
1983	3,388	3,324	3,293	3,172	3,110	3,165	2,959	2,950	2,937	2,819	2,703	2,689
1984	2,683	2,589	2,612	2,620	2,570	2,382	2,593	2,587	2,423	2,658	2,469	2,502
1985	2,572	2,591	2,540	2,581	2,568	2,514	2,585	2,553	2,512	2,445	2,508	2,477
1986	2,409	2,573	2,576	2,515	2,558	2,515	2,403	2,418	2,484	2,446	2,398	2,320
Unemployed part-time workers												
1982	1,569	1,650	1,585	1,721	1,648	1,516	1,799	1,664	1,708	1,650	1,798	1,789
1983	1,719	1,604	1,678	1,650	1,683	1,765	1,637	1,613	1,617	1,566	1,554	1,612
1984	1,509	1,488	1,474	1,453	1,469	1,529	1,533	1,529	1,496	1,437	1,395	1,461
1985	1,553	1,420	1,557	1,558	1,587	1,520	1,549	1,464	1,521	1,587	1,425	1,498
1986	1,437	1,547	1,502	1,567	1,515	1,550	1,565	1,561	1,551	1,563	1,538	1,459

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

7. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed part-time workers, both sexes, 16 to 19 years												
1982	801	838	756	850	812	740	838	828	832	830	885	880
1983	816	700	805	801	804	836	793	780	782	732	738	748
1984	725	701	707	686	694	701	709	712	692	661	555	661
1985	694	664	721	691	717	669	739	647	649	738	664	898
1986	879	734	705	741	714	752	710	734	741	738	744	664
Unemployed part-time workers, men, 20 years and over												
1982	219	247	283	287	255	206	256	275	281	240	298	278
1983	289	291	278	282	268	268	281	262	278	270	260	255
1984	262	260	246	241	252	264	241	238	226	237	248	249
1985	245	242	220	267	245	244	240	237	214	244	218	216
1986	217	223	234	246	247	240	229	255	270	262	234	264
Unemployed part-time workers, women, 20 years and over												
1982	549	565	546	584	581	570	705	561	595	580	615	631
1983	614	813	595	567	611	661	563	571	557	564	556	609
1984	522	527	521	526	523	564	583	579	578	539	592	551
1985	614	514	616	600	625	607	570	580	658	605	543	584
1986	541	590	563	580	554	558	626	572	540	563	560	531

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

8. Unemployed persons by reason for and duration of unemployment

(Numbers in thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed job losers												
1982	5,346	5,273	5,648	5,899	5,933	8,207	6,377	6,388	6,870	7,260	7,372	7,162
1983	6,835	6,855	6,848	6,758	6,780	6,564	6,200	6,138	5,910	5,508	5,244	5,088
1984	4,830	4,722	4,613	4,523	4,347	4,256	4,484	4,219	4,182	4,287	4,155	4,242
1985	4,307	4,223	4,144	4,225	3,910	4,112	4,327	4,130	4,128	4,035	4,098	3,996
1986	3,802	4,147	4,210	4,035	4,214	4,272	4,063	3,824	4,044	3,984	3,947	3,890
Unemployed job losers on layoff												
1982	1,880	1,806	1,890	2,003	1,952	2,103	2,151	2,228	2,519	2,472	2,488	2,383
1983	2,159	2,050	1,982	1,984	1,945	1,842	1,724	1,672	1,587	1,385	1,343	1,327
1984	1,237	1,235	1,232	1,115	1,181	1,174	1,178	1,185	1,129	1,165	1,067	1,096
1985	1,202	1,192	1,139	1,210	1,055	1,142	1,138	1,139	1,187	1,153	1,175	1,135
1986	1,143	1,136	1,144	1,057	1,118	1,074	1,078	1,017	1,029	1,072	1,073	1,078
Unemployed job leavers												
1982	827	935	893	908	874	843	817	836	784	792	780	815
1983	819	839	914	820	814	801	730	802	860	875	853	847
1984	797	780	782	784	813	800	833	847	853	837	875	875
1985	864	857	853	828	871	982	887	889	857	940	807	902
1986	977	985	989	1,071	979	1,009	1,025	990	1,041	1,027	1,056	1,036
Unemployed reentrants												
1982	2,086	2,295	2,278	2,338	2,418	2,405	2,510	2,401	2,426	2,247	2,594	2,656
1983	2,562	2,518	2,445	2,489	2,380	2,474	2,456	2,461	2,331	2,327	2,274	2,226
1984	2,203	2,163	2,184	2,276	2,145	2,018	2,133	2,299	2,250	2,141	2,180	2,254
1985	2,253	2,218	2,303	2,280	2,367	2,270	2,176	2,187	2,356	2,212	2,221	2,251
1986	2,083	2,263	2,196	2,188	2,200	2,107	2,205	2,199	2,145	2,190	2,119	2,019
Unemployed new entrants												
1982	1,077	1,129	1,072	1,081	1,140	1,069	1,224	1,291	1,282	1,301	1,257	1,302
1983	1,203	1,202	1,167	1,221	1,220	1,410	1,239	1,220	1,238	1,129	1,169	1,177
1984	1,184	1,109	1,192	1,173	1,147	1,129	1,108	1,115	1,060	1,079	1,010	1,021
1985	1,048	1,038	1,079	1,041	1,130	1,010	1,122	955	915	1,062	1,038	1,042
1986	1,029	1,073	1,006	1,048	1,046	1,050	989	1,014	1,038	972	1,076	1,015
Unemployed less than 5 weeks												
1982	3,924	3,808	3,886	3,951	3,885	3,606	3,929	3,895	3,866	3,873	3,974	3,939
1983	3,668	3,721	3,486	3,537	3,542	3,682	3,450	3,627	3,762	3,490	3,348	3,457
1984	3,317	3,330	3,330	3,358	3,193	3,240	3,379	3,563	3,325	3,427	3,399	3,380
1985	3,689	3,481	3,514	3,480	3,534	3,492	3,530	3,428	3,499	3,431	3,484	3,417
1986	3,373	3,534	3,536	3,565	3,610	3,415	3,399	3,436	3,415	3,418	3,382	3,355
Unemployed 5 to 14 weeks												
1982	3,074	3,122	3,107	3,227	3,295	3,413	3,300	3,354	3,484	3,471	3,518	3,425
1983	3,320	3,180	3,152	3,112	2,978	2,922	2,814	3,031	2,766	2,733	2,651	2,520
1984	2,555	2,498	2,515	2,480	2,384	2,266	2,462	2,420	2,518	2,389	2,348	2,557
1985	2,593	2,484	2,474	2,489	2,549	2,492	2,535	2,524	2,493	2,529	2,445	2,507
1986	2,505	2,615	2,625	2,650	2,671	2,650	2,521	2,407	2,524	2,563	2,613	2,389
Unemployed 15 weeks and over												
1982	2,409	2,758	2,965	3,088	3,276	3,451	3,555	3,696	3,889	4,185	4,485	4,662
1983	4,670	4,635	4,609	4,369	4,552	4,487	4,326	4,064	3,853	3,640	3,528	3,372
1984	3,263	2,993	2,881	2,836	2,888	2,620	2,634	2,600	2,558	2,514	2,436	2,398
1985	2,300	2,408	2,387	2,369	2,296	2,309	2,316	2,248	2,278	2,276	2,207	2,209
1986	2,117	2,332	2,243	2,130	2,232	2,299	2,250	2,272	2,373	2,168	2,217	2,171
Unemployed 15 to 26 weeks												
1982	1,223	1,479	1,607	1,585	1,659	1,667	1,739	1,830	1,871	1,939	2,147	2,098
1983	1,983	1,918	1,860	1,667	1,798	1,637	1,730	1,538	1,402	1,360	1,359	1,310
1984	1,206	1,158	1,102	1,093	1,202	1,041	1,046	1,085	1,094	1,085	1,016	1,007
1985	956	1,060	1,042	1,013	1,061	1,036	1,061	1,022	1,025	1,076	912	1,005
1986	1,003	1,142	1,078	982	1,065	1,038	1,058	1,068	1,110	950	1,045	1,023
Unemployed 27 weeks and over												
1982	1,186	1,279	1,358	1,501	1,617	1,784	1,816	1,866	2,018	2,246	2,338	2,564
1983	2,687	2,717	2,749	2,702	2,754	2,850	2,596	2,526	2,451	2,280	2,169	2,082
1984	2,057	1,835	1,779	1,743	1,686	1,579	1,588	1,515	1,464	1,429	1,420	1,391
1985	1,342	1,348	1,345	1,358	1,235	1,273	1,258	1,226	1,253	1,200	1,295	1,204
1986	1,114	1,190	1,185	1,148	1,187	1,281	1,192	1,204	1,283	1,218	1,172	1,148

8. Unemployed persons by reason for and duration of unemployment—Continued

(Numbers in thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Average duration in weeks												
1982	13.4	14.1	14.1	14.5	14.9	15.7	15.4	16.2	16.6	17.2	17.1	18.1
1983	19.4	19.2	19.4	19.5	20.5	20.9	21.2	20.1	20.2	20.2	19.7	19.2
1984	20.5	19.0	19.1	18.9	18.9	18.1	17.9	17.4	17.0	16.7	17.0	16.8
1985	15.9	15.9	18.2	16.4	15.3	15.5	15.5	15.3	15.3	15.3	15.6	15.2
1986	15.0	15.2	14.6	14.7	14.8	15.2	15.1	15.6	15.5	15.2	14.8	15.0
Median duration in weeks												
1982	7.1	7.5	7.7	8.1	8.5	9.5	8.5	8.7	9.5	9.7	10.0	10.2
1983	11.1	9.8	10.4	10.9	12.2	11.4	10.1	9.2	9.3	9.4	9.3	8.7
1984	9.1	8.3	8.3	8.2	9.0	7.6	7.5	7.2	7.5	7.2	7.2	7.3
1985	6.8	7.1	7.0	6.9	6.8	6.7	7.0	7.1	6.8	7.0	6.9	6.8
1986	6.8	6.9	6.8	6.6	6.8	7.2	7.1	7.1	7.1	7.0	7.0	7.1

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

9. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, including resident Armed Forces, total												
1982	8.5	8.7	8.9	9.2	9.2	9.4	9.7	9.7	10.0	10.3	10.6	10.7
1983	10.3	10.3	10.2	10.0	9.9	9.9	9.3	9.3	9.0	8.7	8.3	8.2
1984	7.9	7.7	7.6	7.6	7.3	7.1	7.3	7.4	7.2	7.2	7.1	7.2
1985	7.3	7.2	7.1	7.1	7.1	7.2	7.2	7.0	7.0	7.0	6.9	6.9
1986	8.7	7.1	7.0	7.0	7.1	7.0	6.9	6.7	8.9	6.8	6.8	6.6
Unemployment rate, including resident Armed Forces, men												
1982	8.5	8.6	8.9	9.1	9.2	9.6	9.8	9.9	10.3	10.6	10.9	10.9
1983	10.4	10.6	10.5	10.4	10.3	9.9	9.5	9.6	9.2	8.9	8.4	8.2
1984	7.9	7.6	7.5	7.5	7.2	7.0	7.2	7.1	7.1	6.9	6.9	7.0
1985	7.0	7.0	6.9	6.9	6.7	7.0	7.0	6.7	6.7	6.9	6.7	6.7
1986	6.4	6.9	6.8	8.8	7.0	6.9	6.8	6.6	6.9	6.8	8.8	6.6
Unemployment rate, including resident Armed Forces, women												
1982	8.5	8.9	8.9	9.3	9.3	9.2	9.5	9.4	9.5	9.8	10.2	10.4
1983	10.1	9.9	9.8	9.5	9.4	9.9	8.9	8.9	8.7	8.5	8.2	8.3
1984	8.0	7.8	7.8	7.8	7.5	7.3	7.6	7.8	7.5	7.6	7.4	7.4
1985	7.6	7.4	7.5	7.4	7.6	7.4	7.5	7.3	7.4	7.2	7.2	7.3
1986	7.0	7.5	7.3	7.3	7.2	7.2	6.9	8.9	7.0	6.9	6.9	6.6
Unemployment rate, all civilian workers												
1982	8.6	8.9	9.0	9.3	9.4	9.6	9.8	9.8	10.1	10.4	10.8	10.8
1983	10.4	10.4	10.3	10.2	10.1	10.1	9.4	9.4	9.2	8.8	8.5	8.3
1984	8.1	7.8	7.8	7.7	7.4	7.2	7.4	7.5	7.3	7.3	7.2	7.3
1985	7.4	7.3	7.2	7.3	7.2	7.3	7.3	7.1	7.1	7.1	7.0	7.0
1986	6.8	7.2	7.2	7.1	7.2	7.1	7.0	6.8	7.0	6.9	6.9	6.7
Unemployment rate, men												
1982	8.7	8.8	9.1	9.4	9.4	9.8	10.0	10.2	10.6	10.9	11.1	11.2
1983	10.7	10.8	10.7	10.7	10.5	10.2	9.8	9.8	9.5	9.1	8.8	8.4
1984	8.1	7.8	7.7	7.7	7.3	7.1	7.3	7.2	7.2	7.1	7.0	7.2
1985	7.2	7.1	7.0	7.1	6.9	7.2	7.1	6.9	6.9	7.1	6.9	6.8
1986	6.6	7.0	7.0	6.9	7.1	7.1	7.0	6.8	7.0	7.0	6.9	6.7
Unemployment rate, women												
1982	8.5	8.9	8.9	9.3	9.3	9.2	9.6	9.4	9.5	9.8	10.2	10.4
1983	10.1	9.9	9.8	9.5	9.5	9.9	9.0	9.0	8.7	8.5	8.2	8.3
1984	8.0	7.8	7.8	7.8	7.6	7.3	7.6	7.8	7.5	7.7	7.4	7.4
1985	7.7	7.5	7.5	7.5	7.6	7.4	7.5	7.3	7.4	7.2	7.2	7.3
1986	7.0	7.5	7.3	7.3	7.2	7.2	7.0	6.9	7.0	6.9	6.9	6.7
Unemployment rate, both sexes, 16 to 19 years												
1982	22.0	22.6	21.8	22.8	22.8	22.9	24.0	23.7	23.6	23.7	24.1	24.1
1983	23.1	22.7	23.5	23.4	22.8	24.1	22.8	22.9	21.6	21.4	20.3	19.9
1984	19.5	19.4	19.9	19.3	18.7	18.3	18.5	18.7	19.1	18.5	17.8	18.8
1985	18.8	18.3	18.3	17.6	18.6	18.5	19.7	17.8	17.9	20.0	18.4	19.0
1986	18.2	18.9	18.4	19.3	18.8	18.9	17.9	18.0	18.5	17.7	18.2	17.3
Unemployment rate, men, 16 to 19 years												
1982	22.5	23.0	23.3	24.2	23.7	24.7	25.1	24.8	25.0	25.0	25.7	25.6
1983	24.3	24.2	25.3	24.5	23.8	24.2	23.5	24.4	22.5	22.1	20.5	20.3
1984	20.7	19.9	20.3	19.9	19.2	18.8	20.2	18.8	19.6	19.6	18.9	19.5
1985	19.4	19.5	18.6	18.4	19.1	19.0	20.7	19.5	19.0	21.7	19.5	19.5
1986	18.3	19.5	19.2	20.0	20.0	19.9	18.4	19.1	19.1	18.2	18.3	17.8
Unemployment rate, women, 16 to 19 years												
1982	21.4	22.1	20.2	21.1	21.7	21.0	22.8	22.4	22.1	22.2	22.4	22.5
1983	21.8	21.1	21.5	22.1	21.7	24.0	22.0	21.2	20.6	20.5	20.0	19.4
1984	18.1	18.8	19.3	18.6	18.2	17.7	16.7	18.6	18.6	17.4	16.5	18.0
1985	18.2	17.1	18.0	16.8	18.1	17.8	18.6	15.8	16.7	18.0	17.1	18.5
1986	18.1	18.3	17.5	18.5	17.5	17.9	17.3	16.7	17.7	17.2	18.2	16.8

9. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, both sexes, 20 years and over												
1982	7.5	7.7	7.9	8.2	8.2	8.5	8.7	8.7	9.0	9.3	9.6	9.8
1983	9.4	9.4	9.3	9.1	9.1	8.9	8.4	8.4	8.2	7.9	7.6	7.4
1984	7.2	6.9	6.8	6.9	6.6	6.4	6.6	6.6	6.5	6.5	6.4	6.5
1985	6.5	6.4	6.4	6.5	6.3	6.5	6.4	6.3	6.3	6.2	6.2	6.2
1986	6.0	6.4	6.3	6.2	6.3	6.3	6.2	6.0	6.2	6.2	6.1	6.0
Unemployment rate, men, 20 years and over												
1982	7.6	7.7	8.0	8.2	8.3	8.7	8.9	9.0	9.5	9.8	10.0	10.1
1983	9.6	9.8	9.6	9.6	9.6	9.1	8.8	8.7	8.5	8.2	7.8	7.5
1984	7.2	7.0	6.8	6.8	6.5	6.3	6.5	6.5	6.4	6.2	6.2	6.4
1985	6.3	6.3	6.2	6.3	6.0	6.4	6.2	6.0	6.1	6.1	6.0	6.0
1986	5.8	6.2	6.2	6.0	6.2	6.2	6.2	5.9	6.2	6.2	6.2	6.0
Unemployment rate, women, 20 years and over												
1982	7.3	7.7	7.9	8.2	8.1	8.1	8.3	8.3	8.4	8.7	9.1	9.3
1983	9.0	8.9	8.8	8.4	8.4	8.7	7.8	7.9	7.7	7.5	7.2	7.3
1984	7.1	6.9	6.9	6.9	6.7	6.5	6.8	6.9	6.5	6.9	6.6	6.6
1985	6.8	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.7	6.4	6.4	6.4
1986	6.1	6.6	6.5	6.4	6.4	6.3	6.2	6.1	6.2	6.1	6.1	5.9
Unemployment rate, both sexes, 20 to 24 years												
1982	13.5	14.0	14.2	14.6	14.3	14.6	14.8	15.1	15.3	15.8	16.4	16.3
1983	16.0	16.2	15.6	15.3	15.3	14.6	13.8	14.3	13.7	13.6	13.0	12.4
1984	12.5	11.7	11.8	12.1	11.3	10.8	11.2	11.7	11.3	11.1	11.0	11.1
1985	11.1	11.3	11.2	11.0	11.3	11.2	11.1	10.9	10.8	11.0	11.2	10.7
1986	10.5	10.9	10.7	10.8	11.2	10.7	10.8	10.3	11.1	10.5	10.2	10.7
Unemployment rate, men, 20 to 24 years												
1982	14.9	15.3	15.7	15.9	15.5	16.0	16.2	16.5	17.3	17.5	18.1	17.9
1983	17.7	17.7	16.8	17.0	17.1	15.9	15.6	15.6	14.8	14.9	13.9	13.3
1984	13.2	12.2	12.1	12.6	11.2	11.3	11.5	12.2	12.2	11.2	11.2	11.7
1985	11.5	11.8	11.7	11.2	11.8	11.7	11.5	10.9	10.9	11.4	11.4	10.7
1986	10.5	10.8	11.0	11.3	11.7	10.9	11.1	10.3	11.9	10.7	10.9	11.3
Unemployment rate, women, 20 to 24 years												
1982	11.9	12.5	12.5	13.0	12.8	13.1	13.2	13.6	13.0	13.8	14.3	14.4
1983	14.2	14.4	14.1	13.5	13.2	13.1	11.7	12.7	12.4	12.2	12.0	11.4
1984	11.7	11.1	11.4	11.5	11.3	10.1	10.8	11.2	10.2	10.9	10.7	10.5
1985	10.6	10.6	10.7	10.8	10.6	10.5	10.6	10.8	10.8	10.5	10.9	10.6
1986	10.6	11.0	10.3	10.2	10.8	10.4	10.4	10.2	10.2	10.3	9.4	10.0
Unemployment rate, both sexes, 25 years and over												
1982	6.3	6.5	6.8	7.0	7.1	7.3	7.5	7.4	7.9	8.1	8.4	8.6
1983	8.2	8.2	8.1	8.0	7.9	7.9	7.3	7.3	7.2	6.8	6.6	6.6
1984	6.2	6.1	6.0	5.9	5.7	5.6	5.8	5.7	5.8	5.7	5.6	5.7
1985	5.8	5.6	5.6	5.7	5.5	5.7	5.6	5.5	5.6	5.4	5.4	5.4
1986	5.2	5.6	5.6	5.4	5.5	5.5	5.4	5.4	5.4	5.5	5.5	5.2
Unemployment rate, men, 25 years and over												
1982	6.3	6.4	6.7	6.9	7.0	7.5	7.6	7.7	8.2	8.5	8.6	8.7
1983	8.3	8.5	8.4	8.4	8.3	7.9	7.5	7.6	7.5	7.0	6.7	6.5
1984	6.3	6.1	5.9	5.9	5.7	5.4	5.6	5.5	5.4	5.4	5.4	5.5
1985	5.6	5.4	5.3	5.5	5.1	5.5	5.3	5.3	5.3	5.2	5.2	5.2
1986	5.1	5.5	5.4	5.2	5.4	5.4	5.4	5.3	5.4	5.5	5.5	5.2
Unemployment rate, women, 25 years and over												
1982	6.3	6.6	6.9	7.1	7.2	7.1	7.3	7.0	7.4	7.6	8.1	8.4
1983	8.0	7.8	7.7	7.4	7.5	7.8	7.1	6.8	6.8	6.5	6.3	6.6
1984	6.2	6.1	6.0	6.0	5.8	5.8	6.0	6.0	5.8	6.1	5.9	5.9
1985	6.1	5.9	5.9	5.9	6.0	6.0	5.9	5.9	5.9	5.6	5.6	5.7
1986	5.4	5.8	5.8	5.7	5.6	5.6	5.4	5.4	5.5	5.4	5.5	5.2

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

9. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, both sexes, 25 to 54 years												
1982	6.8	6.9	7.3	7.4	7.8	7.8	8.0	8.0	8.5	8.7	8.9	9.1
1983	8.7	8.7	8.7	8.4	8.5	8.3	7.8	7.8	7.6	7.2	6.9	6.8
1984	6.8	6.4	6.3	6.2	6.0	5.8	6.1	6.0	5.8	5.9	5.8	5.9
1985	6.1	5.9	5.9	6.0	5.7	6.0	5.8	5.8	5.9	5.7	5.6	5.7
1986	5.5	5.9	5.9	5.7	5.9	5.9	5.7	5.7	5.6	5.7	5.8	5.5
Unemployment rate, men, 25 to 54 years												
1982	6.7	6.8	7.1	7.3	7.6	8.0	8.2	8.3	8.8	9.1	9.2	9.3
1983	8.8	9.0	9.0	8.9	8.8	8.4	8.0	8.1	7.9	7.4	7.1	6.8
1984	6.5	6.4	6.2	6.1	6.0	5.6	5.8	5.7	5.6	5.6	5.5	5.6
1985	5.8	5.8	5.6	5.8	5.3	5.7	5.5	5.6	5.8	5.5	5.4	5.5
1986	5.4	5.7	5.7	5.5	5.7	5.7	5.7	5.6	5.5	5.7	5.7	5.5
Unemployment rate, women, 25 to 54 years												
1982	6.8	7.1	7.4	7.6	7.7	7.4	7.7	7.6	8.0	8.2	8.6	8.8
1983	8.7	8.4	8.3	7.9	8.1	8.2	7.5	7.4	7.2	7.0	6.8	6.9
1984	6.8	6.5	6.4	6.3	6.1	5.9	6.4	6.4	6.2	6.3	6.1	6.2
1985	6.5	8.3	6.3	8.2	8.3	6.3	8.2	6.1	6.2	6.0	5.9	5.9
1986	5.8	6.1	6.1	6.0	6.0	6.0	5.8	5.8	5.8	5.7	5.8	5.5
Unemployment rate, both sexes, 25 to 34 years												
1982	8.3	8.4	8.9	9.3	9.5	10.0	10.1	9.9	10.6	10.7	10.8	11.0
1983	10.6	10.6	10.7	10.1	10.1	10.0	9.3	9.4	9.2	8.8	8.5	8.3
1984	8.1	7.9	7.8	7.5	7.2	6.9	7.2	7.0	6.6	6.8	6.9	7.0
1985	7.2	7.0	8.8	7.2	7.0	7.0	6.8	7.0	7.1	8.9	6.9	6.8
1986	6.5	7.0	7.0	6.9	7.1	7.0	7.0	6.9	6.9	7.0	7.0	6.8
Unemployment rate, men, 25 to 34 years												
1982	8.4	8.6	9.0	9.5	9.5	10.4	10.5	10.4	11.2	11.3	11.2	11.5
1983	10.9	11.1	11.5	10.9	10.7	10.4	9.7	9.9	9.6	9.0	8.7	8.2
1984	8.2	8.0	7.6	7.4	7.1	6.8	7.0	6.7	6.2	6.6	6.8	7.0
1985	6.9	6.7	6.5	6.9	6.5	6.7	6.3	6.7	6.7	8.5	6.4	6.4
1986	6.1	8.6	6.6	6.6	6.9	6.8	6.9	6.6	6.6	7.0	6.8	6.6
Unemployment rate, women, 25 to 34 years												
1982	8.1	8.1	8.7	9.1	9.4	9.4	9.6	9.3	9.8	9.9	10.1	10.3
1983	10.4	9.8	9.8	9.2	9.3	9.6	8.7	8.7	8.7	8.5	8.2	8.5
1984	7.9	7.8	8.0	7.7	7.3	7.0	7.4	7.4	7.1	7.2	7.0	6.9
1985	7.7	7.4	7.2	7.5	7.6	7.5	7.4	7.4	7.5	7.4	7.5	7.3
1986	7.0	7.6	7.5	7.4	7.3	7.3	7.1	7.3	7.2	7.0	7.2	7.0
Unemployment rate, both sexes, 35 to 44 years												
1982	6.0	6.2	6.4	6.4	6.6	6.6	6.7	7.0	7.1	7.6	8.1	8.5
1983	7.8	7.8	7.5	7.4	7.6	7.4	7.1	6.7	6.7	6.3	5.8	5.8
1984	5.5	5.5	5.3	5.5	5.3	5.2	5.4	5.6	5.5	5.4	5.0	5.1
1985	5.4	5.2	5.3	5.1	5.1	5.5	5.2	5.1	5.0	4.8	4.9	5.0
1986	4.8	5.4	5.3	5.1	5.2	5.1	5.0	4.9	4.9	5.1	5.1	4.8
Unemployment rate, men, 35 to 44 years												
1982	5.9	5.7	6.1	6.0	6.5	6.7	6.8	7.1	7.4	7.9	8.3	8.4
1983	7.8	7.7	7.4	7.6	7.8	7.4	7.2	8.9	7.0	8.5	5.9	5.7
1984	5.4	5.4	5.2	5.5	5.3	5.2	5.3	5.5	5.4	5.1	4.6	4.4
1985	5.0	4.9	5.0	5.0	4.7	5.3	4.9	4.6	4.7	4.5	4.8	5.0
1986	5.0	5.6	5.2	4.7	5.0	5.1	5.0	5.1	5.0	5.2	5.2	4.9
Unemployment rate, women, 35 to 44 years												
1982	6.2	6.8	6.6	6.8	6.9	6.5	6.7	6.8	6.8	7.3	7.9	8.5
1983	7.8	7.9	7.6	7.1	7.5	7.5	7.1	6.5	6.4	6.0	5.7	5.9
1984	5.7	5.6	5.5	5.5	5.2	5.1	5.5	5.8	5.6	5.8	5.5	5.9
1985	5.9	5.8	5.7	5.3	5.7	5.7	5.6	5.7	5.5	5.2	5.0	4.9
1986	4.6	5.2	5.4	5.5	5.3	5.1	5.0	4.7	4.7	4.9	5.0	4.6

9. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, both sexes, 45 to 54 years												
1982	5.0	5.1	5.5	5.3	5.6	5.2	5.8	5.7	6.3	6.4	6.6	6.4
1983	6.5	6.6	6.5	6.8	6.7	6.4	6.0	6.2	5.8	5.6	5.3	5.5
1984	5.1	5.0	4.8	4.7	4.9	4.4	4.9	4.7	4.9	4.8	4.9	5.0
1985	4.9	4.9	5.0	5.1	4.3	4.7	4.8	4.6	4.7	4.6	4.3	4.5
1986	4.6	4.5	4.6	4.4	4.5	4.9	4.5	4.5	4.4	4.3	4.3	4.0
Unemployment rate, men, 45 to 54 years												
1982	4.8	4.8	5.0	5.0	5.4	5.3	5.8	5.8	6.5	6.5	6.6	6.3
1983	6.4	7.0	6.6	6.9	6.8	6.4	6.1	6.3	5.9	5.7	5.5	5.6
1984	4.9	4.9	4.8	4.6	4.7	4.1	4.3	4.2	4.6	4.5	4.6	4.9
1985	4.9	4.7	4.7	5.0	3.9	4.7	4.7	4.8	4.6	4.8	4.5	4.3
1986	4.4	4.4	4.5	4.5	4.5	4.7	4.5	4.2	4.3	4.1	4.4	4.1
Unemployment rate, women, 45 to 54 years												
1982	5.2	5.6	6.1	5.7	5.8	5.0	5.7	5.6	6.1	6.3	6.6	6.5
1983	6.6	6.2	6.3	6.6	6.7	6.5	5.8	6.1	5.6	5.5	4.9	5.4
1984	5.4	5.2	4.7	4.9	5.1	4.9	5.8	5.5	5.4	5.4	5.3	5.1
1985	4.9	5.1	5.4	5.2	4.7	4.7	4.8	4.3	4.9	4.3	4.2	4.8
1986	4.8	4.6	4.6	4.3	4.5	5.1	4.5	4.7	4.6	4.5	4.2	3.9
Unemployment rate, both sexes, 55 years and over												
1982	4.2	4.4	4.7	5.0	4.9	5.1	5.1	5.1	5.1	5.4	5.5	5.7
1983	5.5	5.6	5.5	5.7	5.5	5.6	5.2	5.0	5.0	4.8	4.8	4.9
1984	4.7	4.4	4.4	4.4	4.5	4.6	4.4	4.5	4.3	4.7	4.4	4.2
1985	4.3	3.9	3.9	4.1	4.3	4.4	4.4	4.2	4.0	3.9	3.8	3.9
1986	3.9	4.3	4.2	3.9	3.7	3.8	3.8	3.7	4.0	4.1	3.8	3.5
Unemployment rate, men, 55 years and over												
1982	4.3	4.4	4.7	5.0	4.8	5.1	5.0	5.5	5.3	5.8	5.8	6.0
1983	5.9	5.9	5.8	6.4	6.0	5.6	5.5	5.4	5.3	5.1	5.1	5.2
1984	4.9	4.6	4.7	4.6	4.8	4.5	4.6	4.7	4.7	4.5	4.6	4.4
1985	4.3	4.0	3.8	4.1	4.2	4.5	4.6	3.8	4.0	4.0	4.0	3.9
1986	3.9	4.3	4.1	4.0	3.9	4.1	4.0	4.1	4.2	4.4	4.1	4.0
Unemployment rate, women, 55 years and over												
1982	4.1	4.4	4.6	4.9	5.0	5.2	5.3	4.6	4.9	4.8	5.1	5.2
1983	4.9	5.1	4.9	4.7	4.6	5.4	4.8	4.5	4.5	4.4	4.2	4.4
1984	4.4	4.1	3.9	4.0	4.2	4.9	4.0	4.3	3.8	4.9	4.1	3.8
1985	4.2	3.8	4.1	4.1	4.5	4.3	4.2	4.7	4.1	3.7	3.5	3.9
1986	3.9	4.3	4.3	3.8	3.5	3.3	3.6	3.3	3.6	3.6	3.4	2.9
Unemployment rate, both sexes, 55 to 64 years												
1982	4.6	4.8	5.0	5.3	5.2	5.8	5.6	5.5	5.4	5.7	5.8	6.0
1983	5.8	6.0	6.0	6.3	5.8	6.0	5.5	5.4	5.2	5.3	5.2	5.1
1984	5.1	4.7	4.6	4.6	4.6	5.0	4.7	4.8	4.6	5.0	4.6	4.5
1985	4.4	4.2	4.1	4.3	4.6	4.7	4.6	4.4	4.3	4.1	4.0	4.1
1986	4.2	4.5	4.3	4.2	3.9	3.9	4.0	4.0	4.2	4.3	4.1	3.7
Unemployment rate, men, 55 to 64 years												
1982	4.7	4.8	5.0	5.3	5.2	5.8	5.5	5.9	5.5	6.1	6.1	6.4
1983	6.2	6.2	6.4	7.0	6.4	6.0	5.9	5.7	5.6	5.7	5.7	5.5
1984	5.4	5.1	5.2	5.0	4.9	4.9	5.1	5.0	5.1	5.0	4.9	4.8
1985	4.5	4.3	3.9	4.4	4.6	4.8	4.7	4.1	4.3	4.2	4.2	4.2
1986	4.3	4.5	4.3	4.3	4.1	4.2	4.1	4.3	4.4	4.6	4.4	4.3
Unemployment rate, women, 55 to 64 years												
1982	4.5	4.8	5.1	5.2	5.2	5.8	5.9	4.9	5.3	5.1	5.4	5.5
1983	5.2	5.5	5.5	5.1	4.9	5.9	5.0	4.9	4.5	4.7	4.5	4.5
1984	4.6	4.2	3.9	4.0	4.3	5.0	4.1	4.4	3.9	5.1	4.1	4.0
1985	4.4	4.0	4.3	4.2	4.7	4.5	4.4	4.7	4.4	3.8	3.7	4.1
1986	4.0	4.4	4.3	4.2	3.7	3.5	3.8	3.5	3.8	3.8	3.6	2.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

9. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, both sexes, 65 years and over												
1982	2.7	2.9	3.3	3.7	3.8	2.6	3.1	3.8	3.9	4.0	4.3	4.3
1983	4.1	4.1	3.2	3.7	4.0	4.0	4.2	3.7	4.4	2.8	3.2	3.9
1984	3.3	3.2	3.2	3.4	4.1	3.4	2.9	3.5	3.3	3.2	3.4	2.8
1985	3.5	2.9	3.3	3.2	3.1	3.2	3.9	3.2	2.7	3.1	3.2	3.2
1986	2.9	3.5	3.6	2.5	2.9	3.2	3.1	2.9	3.1	3.1	2.9	2.8
Unemployment rate, men, 65 years and over												
1982	2.8	2.9	3.8	4.0	3.5	2.4	3.3	4.2	4.3	4.4	4.7	4.5
1983	4.4	4.7	3.6	4.1	4.5	4.2	4.1	4.1	4.3	2.5	3.1	3.9
1984	3.0	2.7	2.7	3.1	4.4	2.5	2.5	3.3	3.1	2.8	3.1	2.8
1985	3.8	3.0	3.3	2.9	2.7	3.2	4.2	2.4	2.8	3.1	3.3	3.1
1986	2.6	3.5	3.4	2.7	3.2	3.9	3.5	3.2	3.2	3.5	3.0	2.6
Unemployment rate, women, 65 years and over												
1982	2.5	2.9	2.6	3.3	4.2	2.8	2.8	3.3	3.3	3.3	3.7	3.9
1983	3.5	3.1	2.5	3.1	3.3	3.6	4.2	3.0	4.5	3.4	3.3	4.0
1984	3.8	4.0	4.0	3.8	3.7	4.7	3.6	3.9	3.7	3.9	3.8	2.8
1985	3.2	2.8	3.3	3.8	3.5	3.3	3.5	4.4	3.0	3.1	2.9	3.3
1986	3.4	3.7	3.9	2.1	2.4	2.2	2.5	2.4	2.8	2.5	2.6	3.1
Unemployment rate, white workers												
1982	7.6	7.8	8.0	8.3	8.2	8.5	8.7	8.7	9.0	9.2	9.6	9.7
1983	9.1	9.3	9.1	8.9	8.8	8.7	8.1	8.2	8.0	7.7	7.3	7.2
1984	6.9	6.8	8.7	6.6	6.4	6.2	6.3	6.4	6.4	6.3	6.2	6.3
1985	6.4	6.2	6.2	6.2	6.1	6.4	6.3	6.2	6.1	6.1	5.9	6.0
1986	5.8	6.3	6.2	6.1	6.2	6.1	6.0	5.8	6.0	6.0	6.0	5.8
Unemployment rate, white men												
1982	7.7	7.6	8.1	8.4	8.3	8.8	9.0	9.1	9.4	9.6	10.0	9.9
1983	9.4	9.7	9.6	9.4	9.3	8.9	8.5	8.6	8.3	8.1	7.6	7.3
1984	7.1	6.8	6.7	6.6	6.3	6.1	6.2	6.2	6.3	6.1	6.2	6.2
1985	6.3	6.1	6.0	6.1	5.9	6.4	6.2	6.1	5.9	6.1	5.9	5.8
1986	5.6	6.1	6.1	5.9	6.1	6.1	6.0	5.6	6.1	6.1	6.1	5.9
Unemployment rate, white women												
1982	7.5	7.8	7.8	8.2	8.1	8.1	8.4	8.2	8.4	8.7	9.1	9.3
1983	8.8	8.6	8.4	8.2	8.1	8.5	7.7	7.6	7.4	7.1	7.0	6.9
1984	6.7	6.7	6.7	6.7	6.5	6.4	6.4	6.6	6.5	6.6	6.2	6.4
1985	6.7	6.3	6.5	6.4	6.5	6.5	6.4	6.3	6.4	6.2	6.0	6.3
1986	6.1	6.6	6.3	6.2	6.2	6.1	6.0	5.9	6.0	6.0	5.9	5.7
Unemployment rate, white workers, 16 to 19 years												
1982	19.7	20.0	19.1	20.4	19.8	20.0	20.8	20.6	20.7	21.1	21.3	21.5
1983	20.4	20.1	21.3	20.4	19.8	20.3	19.3	19.6	18.0	18.1	17.2	16.8
1984	16.4	16.6	17.2	16.4	16.0	15.8	15.1	16.1	16.3	15.7	15.0	15.9
1985	15.9	15.3	15.5	15.0	15.8	15.8	16.2	15.4	15.1	17.0	15.2	16.0
1986	15.1	16.0	15.0	16.3	15.9	15.9	15.2	15.4	15.9	15.4	16.0	15.1
Unemployment rate, white men, 16 to 19 years												
1982	20.9	20.7	20.4	21.9	21.0	21.6	22.3	22.1	22.1	22.3	22.7	22.8
1983	21.6	21.7	23.0	21.7	20.3	20.2	19.9	20.6	18.6	19.4	17.8	17.6
1984	18.1	16.7	17.8	17.0	16.6	16.1	17.2	16.1	17.0	16.4	16.4	16.5
1985	16.4	16.9	18.0	15.6	16.5	16.1	17.4	17.0	15.7	18.7	15.9	16.4
1986	15.0	16.6	15.9	17.1	17.0	17.1	15.6	16.6	16.6	15.7	16.3	15.5
Unemployment rate, white women, 16 to 19 years												
1982	18.5	19.1	17.6	18.8	18.5	18.2	19.2	18.9	19.1	19.8	19.7	20.1
1983	19.1	18.4	19.3	19.0	19.3	20.5	18.6	18.5	17.3	16.8	16.5	16.0
1984	14.6	16.4	18.6	15.7	15.3	15.4	12.8	16.1	15.7	14.9	13.5	15.3
1985	15.4	13.6	15.1	14.2	15.1	15.4	15.0	13.6	14.4	15.1	14.6	15.6
1986	15.1	15.4	14.1	15.4	14.7	14.6	14.7	14.2	15.1	15.2	15.7	14.6

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

9. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, white workers, 20 years and over												
1982	6.8	8.7	7.0	7.2	7.2	7.5	7.7	7.7	8.0	8.2	8.6	8.7
1983	8.2	8.4	8.1	8.0	7.9	7.8	7.3	7.2	7.2	6.8	6.6	6.4
1984	6.2	6.0	5.9	5.9	5.7	5.5	5.6	5.7	5.8	5.6	5.5	5.6
1985	5.7	5.5	5.5	5.6	5.4	5.8	5.6	5.5	5.4	5.3	5.3	5.3
1986	5.2	5.6	5.5	5.3	5.4	5.4	5.4	5.1	5.3	5.3	5.3	5.2
Unemployment rate, white men, 20 years and over												
1982	6.8	8.8	7.1	7.3	7.3	7.8	8.0	8.1	8.5	8.7	9.0	9.0
1983	8.4	8.8	8.6	8.6	8.5	8.0	7.7	7.7	7.6	7.3	6.9	6.6
1984	6.3	6.1	5.9	5.9	5.6	5.4	5.4	5.5	5.5	5.4	5.5	5.5
1985	5.6	5.4	5.3	5.4	5.1	5.7	5.5	5.3	5.2	5.2	5.2	5.1
1986	5.0	5.4	5.4	5.2	5.4	5.4	5.4	5.1	5.4	5.4	5.4	5.3
Unemployment rate, white women, 20 years and over												
1982	6.4	6.7	6.9	7.1	7.1	7.1	7.3	7.2	7.4	7.6	8.1	8.3
1983	7.9	7.8	7.4	7.2	7.1	7.4	6.7	6.6	6.6	6.3	6.2	6.1
1984	6.1	5.9	5.8	5.9	5.7	5.6	5.8	5.9	5.7	5.9	5.6	5.7
1985	6.0	5.7	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.5	5.3	5.5
1986	5.4	5.9	5.7	5.5	5.5	5.4	5.3	5.2	5.3	5.2	5.2	5.0
Unemployment rate, black workers												
1982	17.3	17.7	18.1	18.2	18.5	18.5	18.8	18.9	19.7	20.1	20.2	20.9
1983	21.2	20.0	20.1	20.4	20.4	20.6	19.4	19.7	18.7	18.1	17.5	17.8
1984	17.3	18.3	16.6	16.6	15.8	15.4	16.7	16.0	14.9	15.2	14.9	15.1
1985	15.2	16.1	15.2	15.2	15.4	14.2	15.1	14.1	15.0	14.8	15.5	15.0
1986	14.6	14.9	14.8	14.8	14.8	14.9	14.2	14.6	14.6	14.3	14.2	13.7
Unemployment rate, black men												
1982	18.4	18.6	19.0	18.9	19.3	19.8	19.5	19.8	21.5	21.8	21.8	22.9
1983	22.4	21.2	20.9	21.6	22.0	21.6	20.7	20.9	19.5	18.0	17.5	17.2
1984	17.3	16.7	17.3	17.5	16.2	16.6	17.6	16.2	15.4	15.3	14.5	15.6
1985	15.5	16.2	15.5	15.4	15.4	14.5	15.2	13.7	15.1	15.5	15.7	15.3
1986	15.0	15.2	15.0	14.9	15.0	15.2	14.9	14.9	15.1	14.9	14.3	13.5
Unemployment rate, black women												
1982	16.1	16.8	17.2	17.4	17.7	17.1	18.0	17.9	17.8	18.3	18.6	18.7
1983	20.0	18.8	19.2	19.2	18.7	19.6	18.1	18.3	18.0	18.2	17.4	18.3
1984	17.2	16.0	15.9	15.7	15.5	14.1	15.8	15.7	14.5	15.1	15.2	14.7
1985	15.0	16.0	15.0	14.9	15.5	13.9	15.0	14.5	14.9	14.1	15.2	14.6
1986	14.3	14.5	14.5	14.7	14.5	14.6	13.5	14.3	14.2	13.8	14.1	13.9
Unemployment rate, black workers, 16 to 19 years												
1982	42.9	44.3	47.1	47.9	50.1	52.0	49.4	49.7	47.9	47.7	49.5	48.0
1983	46.3	46.6	44.2	48.8	48.7	51.8	48.2	51.7	51.4	49.2	47.1	47.3
1984	46.8	43.7	45.6	44.3	44.3	37.2	41.8	42.6	42.4	41.2	41.7	41.5
1985	41.3	43.0	40.5	38.8	40.2	38.5	40.7	36.2	38.9	40.7	41.6	41.7
1986	41.5	40.0	42.4	41.9	40.5	39.5	38.0	40.3	38.4	35.8	36.0	36.5
Unemployment rate, black men, 16 to 19 years												
1982	39.7	43.1	48.6	49.1	49.8	58.1	48.9	48.0	49.8	48.8	52.4	50.9
1983	47.0	46.8	45.6	49.0	53.0	53.5	47.9	54.5	53.6	44.1	44.2	44.7
1984	45.4	46.5	43.7	43.4	41.7	39.5	41.6	42.1	40.8	43.7	41.5	43.4
1985	43.8	41.6	40.0	39.2	38.8	42.1	42.2	36.1	40.8	40.8	45.7	40.9
1986	41.1	39.5	42.6	41.2	40.5	39.7	40.5	38.8	38.6	37.8	35.0	36.1
Unemployment rate, black women, 16 to 19 years												
1982	46.5	45.7	45.4	46.5	50.5	45.2	49.9	51.6	45.8	46.5	46.3	44.9
1983	45.5	46.5	42.6	48.5	43.8	49.9	48.5	48.5	49.0	54.9	50.4	50.1
1984	48.5	40.7	48.1	45.3	47.7	34.5	42.0	43.1	44.3	38.5	41.9	39.4
1985	38.5	44.5	41.1	38.3	41.6	34.4	38.9	36.3	36.6	40.6	37.3	42.7
1986	41.9	40.7	42.2	42.7	40.5	39.4	35.0	41.9	38.3	33.8	37.0	36.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

9. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, black workers, 20 years and over												
1982	15.2	15.5	15.7	16.0	16.0	16.1	16.4	16.4	17.5	18.0	18.0	18.7
1983	19.3	18.0	18.3	18.3	18.3	18.1	17.3	17.2	16.3	15.9	15.3	15.6
1984	15.2	14.3	14.6	14.5	13.9	13.8	14.8	13.9	12.8	13.3	12.9	13.2
1985	13.2	14.0	13.3	13.3	13.5	12.5	13.1	12.4	13.2	12.8	13.5	12.9
1986	12.6	12.9	12.5	12.7	12.8	13.0	12.5	12.8	12.9	12.8	12.7	12.0
Unemployment rate, black men, 20 years and over												
1982	16.6	16.5	16.4	16.5	16.9	17.0	17.2	17.4	19.2	19.6	19.3	20.7
1983	20.4	19.2	19.0	19.5	19.6	18.9	18.4	18.1	16.9	16.1	15.4	15.2
1984	15.3	14.4	15.3	15.5	14.3	14.8	15.8	14.2	13.3	13.1	12.4	13.4
1985	13.1	14.2	13.5	13.5	13.5	12.4	12.9	11.8	13.0	13.4	13.4	13.2
1986	12.9	13.3	12.8	12.8	12.9	13.3	12.9	13.2	13.4	13.1	12.9	11.8
Unemployment rate, black women, 20 years and over												
1982	13.7	14.4	15.0	15.4	15.1	15.2	15.6	15.3	15.6	16.2	16.5	16.7
1983	18.2	16.8	17.6	17.0	16.9	17.3	16.0	16.1	15.8	15.6	15.1	16.0
1984	15.1	14.2	13.9	13.6	13.5	12.7	13.8	13.7	12.3	13.4	13.3	12.9
1985	13.3	13.7	13.1	13.2	13.4	12.5	13.2	13.0	13.4	12.1	13.6	12.6
1986	12.2	12.5	12.3	12.5	12.7	12.7	12.1	12.5	12.4	12.4	12.5	12.3
Unemployment rate, Hispanic-origin workers												
1982	11.7	12.1	12.2	12.9	13.9	13.8	14.2	14.8	14.4	15.0	15.2	15.7
1983	15.3	15.5	15.6	14.8	14.0	14.2	12.4	12.9	12.9	12.1	12.3	11.6
1984	11.4	10.3	11.5	11.7	10.6	10.3	10.3	10.6	10.5	10.8	10.3	10.4
1985	10.7	8.6	10.4	10.5	10.6	10.7	11.0	10.3	10.3	11.1	10.8	10.5
1986	10.3	11.8	10.5	10.5	10.9	10.6	10.5	10.8	10.9	10.4	9.6	10.5
Unemployment rate, full-time workers												
1982	8.4	8.6	8.9	9.1	9.2	9.5	9.6	9.7	10.1	10.5	10.7	10.8
1983	10.3	10.4	10.3	10.1	9.9	9.8	9.3	9.3	9.0	8.7	8.2	8.0
1984	7.8	7.5	7.5	7.5	7.2	6.8	7.1	7.1	7.0	7.1	6.9	7.0
1985	7.1	7.0	6.9	6.9	6.8	6.9	7.0	6.8	6.8	6.7	6.7	6.7
1986	6.5	6.9	6.8	6.7	6.9	6.7	6.6	6.4	6.6	6.6	6.6	6.3
Unemployment rate, full-time workers, 16 to 19 years												
1982	24.3	24.2	24.6	24.7	25.9	29.0	27.0	27.1	27.2	26.3	26.9	26.2
1983	25.7	26.4	26.0	25.9	24.5	26.1	26.0	26.4	23.5	23.5	21.4	20.9
1984	20.7	20.3	21.5	21.0	20.1	18.2	19.3	20.5	20.4	19.9	20.5	20.6
1985	20.3	20.1	18.9	17.7	19.0	19.5	20.9	19.7	19.4	21.5	19.9	20.1
1986	19.8	19.7	19.7	20.2	20.1	20.5	19.3	19.3	19.6	18.6	18.9	18.4
Unemployment rate, full-time workers, men, 20 years and over												
1982	7.6	7.6	7.9	8.1	8.3	8.8	8.9	9.0	9.5	9.9	10.0	10.2
1983	9.7	9.9	9.7	9.7	9.6	9.1	8.7	8.8	8.5	8.1	7.8	7.5
1984	7.2	6.9	6.8	6.8	6.4	6.1	6.4	6.4	6.3	6.2	6.1	6.3
1985	6.3	6.2	6.1	6.2	5.9	6.3	6.1	5.9	6.0	6.0	6.0	5.9
1986	5.8	6.2	6.1	6.0	6.2	6.1	6.2	5.8	6.1	6.1	6.1	5.9
Unemployment rate, full-time workers, women, 20 years and over												
1982	7.5	7.9	8.3	8.6	8.5	8.5	8.6	8.6	8.8	9.3	9.7	9.8
1983	9.5	9.4	9.2	8.9	8.8	8.8	8.3	8.2	8.1	7.8	7.5	7.4
1984	7.4	7.1	7.1	7.1	6.9	6.5	7.0	6.5	6.5	7.1	6.6	6.7
1985	6.8	6.8	6.7	6.8	6.7	6.8	6.8	6.7	6.6	6.4	6.5	6.4
1986	6.2	6.7	6.8	6.5	6.5	6.4	6.1	6.1	6.3	6.2	6.0	5.8
Unemployment rate, part-time workers												
1982	9.8	10.5	10.1	10.8	10.3	9.4	11.3	10.4	10.6	10.4	11.3	11.3
1983	10.9	10.3	10.7	10.5	10.8	11.3	10.2	10.1	10.1	9.9	9.8	10.0
1984	9.6	9.5	9.3	9.1	9.1	9.6	9.6	9.6	9.4	9.0	8.8	9.1
1985	9.6	8.8	9.5	9.5	9.9	9.5	9.5	9.0	9.3	9.6	8.7	9.1
1986	8.7	9.3	9.1	9.4	9.1	9.1	9.2	9.3	9.3	9.2	9.1	8.8

9. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, part-time workers, both sexes, 16 to 19 years												
1982	19.5	20.4	18.8	20.7	19.4	17.0	20.8	20.2	20.0	20.6	21.4	21.9
1983	20.5	18.2	20.6	20.5	20.8	21.8	19.4	19.7	19.6	18.9	19.0	18.8
1984	18.4	18.0	18.1	17.3	17.2	18.3	17.7	17.8	17.8	17.1	14.7	16.8
1985	17.8	16.5	17.8	17.3	18.0	17.4	18.8	16.7	16.5	18.4	16.6	17.6
1986	17.0	18.0	17.1	18.1	17.5	17.4	16.8	17.3	17.4	17.1	17.5	16.0
Unemployment rate, part-time workers, men, 20 years and over												
1982	7.1	8.5	9.8	9.4	8.3	6.9	8.2	8.9	9.1	7.9	9.9	9.1
1983	9.4	9.4	8.9	9.1	8.9	8.6	8.9	8.3	8.8	8.6	8.3	8.2
1984	8.6	8.5	8.0	7.9	8.0	8.7	8.0	7.8	7.2	7.5	7.8	7.8
1985	7.7	7.7	7.1	8.5	8.1	7.7	7.6	7.4	6.9	7.6	6.8	6.9
1986	6.7	6.9	7.3	7.5	7.6	7.3	6.9	7.9	8.5	8.1	7.3	8.0
Unemployment rate, part-time workers, women, 20 years and over												
1982	8.3	8.5	6.3	6.7	6.6	6.5	8.0	6.4	6.7	6.6	7.0	7.2
1983	7.1	7.0	6.9	6.6	7.0	7.6	6.4	6.4	6.3	6.4	6.3	6.8
1984	5.9	6.0	5.9	5.9	5.8	6.3	6.5	6.5	6.5	6.1	6.6	6.2
1985	6.8	5.7	6.7	6.5	6.9	6.7	6.2	6.3	7.0	6.5	5.9	6.3
1986	5.8	6.3	6.1	6.2	6.0	5.9	6.6	6.1	5.8	6.0	6.0	5.8

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

10. Unemployment rates for wage and salary workers by industry

(Percents)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, total wage and salary workers												
1982	8.2	8.5	8.7	9.1	9.2	9.3	9.5	9.4	9.7	10.0	10.4	10.5
1983	10.1	10.1	10.1	9.9	9.8	9.5	9.0	9.1	8.7	8.4	8.1	7.9
1984	7.6	7.4	7.3	7.3	7.0	6.7	7.0	7.0	6.9	6.9	6.8	6.9
1985	7.0	6.8	6.7	6.8	6.7	6.8	6.8	6.8	6.8	6.7	6.6	6.6
1986	6.3	6.8	6.7	6.7	6.8	6.6	6.6	6.5	6.5	6.6	6.5	6.3
Unemployment rate, wage and salary workers in agricultural industries												
1982	15.0	13.4	13.9	14.8	18.0	15.2	14.6	14.7	13.4	12.5	15.7	16.2
1983	15.6	16.3	16.1	17.5	17.0	17.3	14.5	15.0	15.7	16.0	15.7	15.7
1984	15.5	13.8	15.1	12.8	14.0	12.6	13.9	12.6	13.9	13.6	11.4	12.7
1985	16.1	13.3	12.7	13.3	11.6	12.6	13.7	13.5	12.9	13.1	13.2	10.7
1986	11.5	13.8	12.1	13.4	15.3	13.2	11.4	13.3	12.9	11.9	10.1	11.5
Unemployment rate, wage and salary workers in nonagricultural industries												
1982	8.1	8.4	8.6	9.0	9.0	9.2	9.4	9.3	9.6	10.0	10.3	10.4
1983	10.0	10.0	9.9	9.8	9.7	9.3	8.9	9.0	8.5	8.3	7.9	7.8
1984	7.5	7.3	7.1	7.2	6.8	6.6	6.9	6.9	6.8	6.8	6.7	6.8
1985	6.8	6.7	6.6	6.7	6.6	6.8	6.7	6.6	6.7	6.6	6.5	6.5
1986	6.3	6.7	6.6	6.5	6.6	6.5	6.5	6.3	6.4	6.5	6.4	6.2
Unemployment rate, government workers in nonagricultural industries												
1982	4.7	5.0	4.7	5.0	4.8	4.8	4.7	4.9	4.9	5.0	5.2	5.1
1983	5.6	5.8	5.8	5.9	5.6	5.3	5.4	5.1	4.9	4.9	4.8	4.8
1984	5.0	4.6	4.5	4.5	4.7	4.3	4.4	4.4	4.5	4.3	4.3	4.3
1985	4.2	3.9	3.9	3.9	3.9	3.9	4.1	4.0	3.8	3.8	3.6	3.9
1986	3.5	3.8	3.9	3.6	3.6	3.6	3.3	3.3	3.5	3.7	3.6	3.3
Unemployment rate, private wage and salary workers in nonagricultural industries												
1982	8.8	9.1	9.4	9.8	9.9	10.0	10.3	10.2	10.6	10.9	11.4	11.5
1983	10.9	10.9	10.8	10.5	10.5	10.1	9.6	9.7	9.2	8.9	8.5	8.4
1984	8.0	7.8	7.7	7.7	7.3	7.0	7.4	7.4	7.2	7.2	7.2	7.3
1985	7.4	7.3	7.2	7.2	7.2	7.3	7.2	7.2	7.2	7.1	7.1	7.0
1986	6.8	7.2	7.1	7.1	7.2	7.1	7.1	6.9	7.0	7.0	7.0	6.8
Unemployment rate, private wage and salary workers in mining												
1982	8.3	8.5	9.3	10.4	11.2	13.7	15.9	16.3	17.7	18.6	17.8	18.1
1983	18.0	18.9	18.7	19.6	20.8	18.1	17.1	15.4	16.7	12.3	12.6	12.2
1984	11.3	12.1	10.7	9.6	8.8	7.2	7.8	10.9	8.5	11.4	11.4	10.1
1985	10.1	11.1	11.0	10.3	7.4	10.6	9.7	8.6	9.4	8.2	7.2	10.2
1986	10.7	9.5	10.5	12.4	13.6	17.3	16.6	16.6	13.9	14.5	14.5	14.1
Unemployment rate, private wage and salary workers in construction												
1982	18.8	18.3	18.3	19.3	18.8	19.5	20.4	20.4	21.7	22.6	21.7	21.5
1983	20.4	19.6	20.5	20.3	20.4	18.2	17.8	18.0	17.9	15.6	15.2	16.3
1984	15.2	14.9	13.6	14.6	15.2	14.7	14.6	14.2	13.7	13.4	13.9	13.7
1985	13.4	13.3	13.2	13.6	10.6	13.8	13.4	13.4	13.8	13.4	13.3	12.6
1986	12.8	13.0	13.0	12.3	13.0	12.4	13.0	12.4	12.9	13.8	15.1	13.7
Unemployment rate, private wage and salary workers in manufacturing												
1982	10.4	10.6	10.8	11.3	11.6	12.4	12.4	12.4	13.6	13.8	14.5	14.3
1983	13.0	13.3	13.0	12.4	12.4	11.6	10.7	11.1	10.0	9.4	8.9	8.4
1984	8.3	7.7	7.6	7.6	7.2	7.3	7.5	7.3	7.3	7.3	7.1	7.4
1985	7.6	7.6	7.7	8.0	7.7	7.7	7.9	7.8	7.7	7.5	7.6	7.3
1986	7.1	7.3	7.2	6.9	7.4	7.2	6.9	6.9	7.0	7.3	7.1	6.9
Unemployment rate, private wage and salary workers in durable goods												
1982	11.0	11.3	10.9	11.9	12.2	13.2	13.3	13.5	14.7	15.5	16.7	16.2
1983	14.8	14.8	14.3	13.7	13.5	12.3	11.5	11.5	10.7	10.0	9.0	8.4
1984	8.1	7.6	7.8	7.4	7.0	7.0	6.8	6.8	6.9	6.9	7.0	7.3
1985	7.3	7.3	7.5	7.8	7.7	7.8	7.9	7.8	7.7	7.2	7.6	7.3
1986	7.0	7.4	6.9	6.9	7.3	7.0	6.7	6.8	6.5	7.2	6.6	6.4
Unemployment rate, private wage and salary workers in nondurable goods												
1982	9.5	9.5	10.6	10.5	10.6	11.1	11.1	10.8	11.9	11.3	11.3	11.6
1983	10.4	11.2	11.1	10.7	10.8	10.5	9.6	10.4	8.9	8.6	8.7	8.5
1984	8.5	7.9	7.4	7.9	7.3	7.7	8.5	8.2	8.0	7.8	7.3	7.5
1985	8.1	8.1	8.0	8.3	7.7	7.5	8.0	7.7	7.7	7.9	7.6	7.3
1986	7.2	7.1	7.6	6.9	7.5	7.5	7.2	6.9	7.7	7.3	7.9	7.7

10. Unemployment rates for wage and salary workers by industry—Continued

(Percents)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, private wage and salary workers in transportation and public utilities												
1982	6.4	5.8	6.0	6.7	6.6	6.8	6.5	6.8	7.0	7.7	8.2	7.9
1983	8.2	7.9	8.2	7.7	7.3	7.8	6.8	7.7	7.0	7.1	6.8	6.5
1984	5.5	5.8	5.4	5.4	5.6	5.2	5.5	6.2	5.8	5.3	5.3	5.2
1985	5.3	5.4	4.5	5.3	5.1	5.2	5.3	4.6	5.3	5.2	5.3	5.1
1986	4.5	5.3	5.8	5.5	5.3	5.4	5.5	4.8	4.7	5.2	4.4	4.6
Unemployment rate, private wage and salary workers in wholesale and retail trade												
1982	8.9	9.1	9.9	10.0	10.3	9.8	10.5	10.0	9.9	10.2	10.6	11.1
1983	10.9	10.9	10.9	10.4	10.2	10.3	9.8	9.8	9.3	9.6	9.2	8.8
1984	8.5	8.3	8.3	8.7	7.9	7.3	7.8	7.7	7.9	7.8	7.7	7.6
1985	7.8	7.7	7.6	7.3	7.7	7.7	7.5	7.8	7.7	7.7	7.6	7.7
1986	7.3	7.6	7.7	7.9	7.9	7.7	7.8	7.5	7.6	7.4	7.2	7.2
Unemployment rate, private wage and salary workers in finance and service industries												
1982	5.9	6.6	6.8	7.0	6.8	6.9	6.9	6.9	6.9	7.1	7.7	7.9
1983	7.6	7.4	7.2	7.3	7.5	7.3	7.2	7.1	7.0	6.9	6.7	6.6
1984	6.3	6.3	6.3	6.1	5.6	5.4	5.9	6.0	5.5	5.8	5.9	6.0
1985	5.9	5.7	5.6	5.6	6.1	5.8	5.5	5.5	5.4	5.5	5.4	5.4
1986	5.3	5.9	5.6	5.8	5.5	5.5	5.7	5.6	5.6	5.4	5.4	5.1

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 59,500 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 nonagricultural 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 250,000 establishments employing over 38 million nonagricultural wage and salary workers. The data relate to all workers, full or part time, who received 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 nonagricultural 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 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 nonagricultural 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: A Databook*, BLS Bulletin 2096.

These monthly surveys of the population are conducted with 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 14 years of age are not covered in the regular monthly enumerations, and are excluded from the population and labor force statistics shown in this report. 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 59,500 occupied units are eligible for interview. About 2,500 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 or 5 percent. In addition to the 59,500 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 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 sometime during the prior 4 weeks. Persons who were waiting to be recalled to a job from which they had 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 per-

sons on full-time schedules; all persons involuntarily working part time regardless of their usual status; and unemployed persons seeking full-time jobs. The "part-time labor force" consists of persons working part time voluntarily and unemployed persons seeking part-time work. Employed persons with a job but not at work are distributed according to whether they usually work on full-time or voluntary part-time schedules.

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

White, black, and other are terms used to describe the race of workers. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. All tables in this publication which contain racial data, with the exception of A-5 and its annual counterpart, present data for the black population group. Because of their relatively small sample size, data for "other" races are not published. In the enumeration process, race is determined by the household respondent.

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

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

Usual weekly earnings data are provided from responses to the question "How much does . . . USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of usual, 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 hav-

ing 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, 1984. 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; and (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 vir-

tually 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 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 legal foreign-born emigrants 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.

Changes in the occupational and industrial classification systems

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

and February 1972 issues, respectively, of *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 (SIC) system, as modified in 1977. The adoption of the new system had much less of an adverse effect on historical comparability than did the new occupational system. The most notable changes from the 1970 system were the transfer of farm equipment stores from “retail” to “wholesale” trade, postal service from “public administration” to “transportation”, and some interchange between “professional and related services” and “public administration.”

Additional information on the 1980 census occupational and industrial classification systems appears in “Revisions in the Current Population Survey Beginning in January 1983” in the February 1983 issue of *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 rather than 1970 census information. The selection of new sample areas provided an opportunity to improve the efficiency of the sample design. Sample areas chosen to replace incoming sample areas account for only 10 percent of the national estimate. The new CPS sample has resulted in increased reliability for State estimates with a slightly reduced sample size. The reliability of national estimates is unaffected. 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.)

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 will 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 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 the 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.

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	333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to Dec. 1984	629	57,800	2,500	11,000
Jan. 1985 to present	729	57,000	2,500	11,000

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.

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 under-coverage 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 8 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 32 age-sex groups each while the other races category has 6 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. The nature and effect of these changes are discussed in detail in "Changes in 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 from the April 1, 1980, census through the latest available July 1 estimate, 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, use Report 640 of that series. A description of the age estimates methodology is available upon request from the Chief of the Population Division, U.S. Bureau of the Census, Washington, D.C. 20233.

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 postcensal population estimates since 1980. The nature and effect of these changes are discussed in detail in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of *Employment and Earnings*.

3. *Composite estimate procedure.* 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 "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

racess 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 error 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 error 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 (1985 annual averages).

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 change between 2 consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D, F, H, and I to compute approximate standard errors for levels, labor force participation rates, and percentages as pertaining to the year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50, and for the 1956-66 period, they should be multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to be used for the characteristics as indicated.

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	244	187
Employed	263	200
Unemployed	131	134
Men, 20 years and over:		
Civilian labor force	148	127
Employed	162	141
Unemployed	89	91
Women, 20 years and over:		
Civilian labor force	189	140
Employed	190	144
Unemployed	82	85
Both sexes, 16 to 19 years:		
Civilian labor force	83	91
Employed	86	97
Unemployed	57	63
Black, 16 years and over:		
Civilian labor force	82	63
Employed	92	70
Unemployed	65	67
Men, 20 years and over:		
Civilian labor force	49	43
Employed	56	50
Unemployed	43	46
Women, 20 years and over:		
Civilian labor force	67	44
Employed	67	48
Unemployed	43	46
Both sexes, 16 to 19 years:		
Civilian labor force	33	37
Employed	30	34
Unemployed	30	32

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 159,000. The 68-percent confidence interval as shown by these data is from 11,841,000 to 12,159,000. Therefore, a conclusion that the average estimate derived from all possible samples 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 118,000.

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.

Table C. Standard errors for unemployment rates by major characteristics

Characteristic	Standard error of—		Characteristic	Standard error of—	
	Monthly level	Consecutive month change		Monthly level	Consecutive month change
Total (all civilian workers)	0.11	0.12			
Men, 20 years and over . . . . .	.15	.15			
Women, 20 years and over . . . . .	.17	.18			
Both sexes, 16 to 19 years . . . . .	.65	.77			
White workers . . . . .	.11	.12			
Black workers . . . . .	.52	.54			
Married men, spouse present . . . . .	.15	.16			
Married women, spouse present . . . . .	.21	.23			
Full-time workers . . . . .	.12	.12			
Part-time workers . . . . .	.34	.42			
Unemployed 15 weeks and over . . . . .	.06	.08			
			Occupation—Continued		
Occupation			Precision production, craft, and repair	0.32	0.35
Executive, administrative, and managerial . . . . .	.21	.24	Machine operators, assemblers, and inspectors . . . . .	.50	.57
Professional specialty . . . . .	.18	.20	Transportation and material moving . . . . .	.57	.64
Technicians and related support . . . . .	.49	.55	Handlers, equipment cleaners, helpers, and laborers . . . . .	.70	.80
Sales . . . . .	.29	.32	Farming, forestry, and fishing . . . . .	.65	.73
Administrative support, including clerical . . . . .	.24	.26			
Private household	1.07	1.20	Industry		
Protective service . . . . .	.67	.76	Nonagricultural private wage and salary workers . . . . .	.13	.14
Service, except private household and protective . . . . .	.38	.43	Mining	1.37	1.56
			Construction . . . . .	.65	.74
			Manufacturing . . . . .	.27	.30
			Durable goods . . . . .	.34	.38
			Nondurable goods . . . . .	.42	.48
			Transportation, communications, and public utilities . . . . .	.41	.46
			Wholesale and retail trade . . . . .	.26	.29
			Finance and services . . . . .	.20	.22
			Government workers . . . . .	.18	.19
			Agricultural wage and salary workers	1.22	1.40

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic ¹								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		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	Total or white	Black
50	14	11	11	11	11	10	10	10	11
100	19	15	15	15	15	14	14	15	16
500	43	34	34	33	29	32	31	33	35
1,000	61	48	47	46	33	45	42	47	49
2,000	85	68	64	63	-	63	55	66	67
4,000	120	95	84	80		87	66	93	88
6,000	146	116	94	86		105	58	113	99
8,000	-	133	97	83		120	23	129	-
10,000		147	94	70		132	-	143	
15,000		177	50	-		155		172	
20,000		201	-			170		195	
30,000		236				188			
40,000		261				189			
50,000		278				175			
60,000		288				141			
70,000		293				61			
80,000		293				-			
100,000		273							
120,000		231							

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

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

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 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. The standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 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 3.6 percent is then approximately $0.09 \times 1.26 = 0.1$ 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 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 6.9 percent, based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent, based on a total of 94,254,000 in the civilian labor force for the month. First the standard error on the average of the two

estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.12 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 $0.12 \times 1.40 = 0.17$ 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:

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

Where 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 .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .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:

$$\sqrt{(216,000)^2 + (221,000)^2 - 2(.30)(216,000)(221,000)},$$

or about 259,000.

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

(In thousands)

Estimated monthly level	Characteristic ¹							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years	Total or white	Both sexes 16 to 19 years, or part-time labor force ²	Black	Black, 16 to 19 years
50	8	8	13	13	12	13	12	12
100	11	11	18	18	16	18	17	18
500	25	25	39	34	37	40	38	35
1,000	36	35	54	36	51	54	52	37
2,000	50	47	72	-	72	70	69	-
4,000	70	62	88	-	99	78	85	-
6,000	86	70	88	-	118	60	87	-
8,000	98	73	71	-	132	-	-	-
10,000	109	71	-	-	143	-	-	-
15,000	131	42	-	-	160	-	-	-
20,000	148	-	-	-	165	-	-	-
30,000	174	-	-	-	-	-	-	-
40,000	191	-	-	-	-	-	-	-
50,000	203	-	-	-	-	-	-	-
60,000	210	-	-	-	-	-	-	-
70,000	212	-	-	-	-	-	-	-
80,000	211	-	-	-	-	-	-	-
100,000	193	-	-	-	-	-	-	-
120,000	153	-	-	-	-	-	-	-

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.

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	2.09	2.94	4.57	6.28	7.46	8.34	9.01	9.05	9.87	10.21
100	1.48	2.08	3.23	4.44	5.28	5.90	6.37	6.73	6.98	7.22
500 .....	.66	.93	1.45	1.99	2.36	2.64	2.85	3.01	3.12	3.27
1,000 .....	.47	.66	1.02	1.40	1.67	1.87	2.01	2.13	2.21	2.28
2,000 .....	.33	.46	.72	.99	1.18	1.32	1.42	1.50	1.56	1.61
4,000 .....	.23	.33	.51	.70	.83	.93	1.01	1.06	1.10	1.14
6,000 .....	.19	.27	.42	.57	.68	.76	.82	.87	.90	.93
10,000 .....	.15	.21	.32	.44	.53	.59	.64	.67	.70	.72
20,000 .....	.10	.15	.23	.31	.37	.42	.45	.47	.49	.51
60,000 .....	.06	.08	.13	.18	.21	.24	.26	.27	.27	.29
100,000 .....	.05	.07	.10	.14	.17	.19	.20	.21	.22	.22

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	2.32	3.28	5.14	7.18	8.69	9.90	10.93	11.81	12.58	14.48
100	1.64	2.32	3.64	5.08	6.14	7.00	7.12	8.35	8.89	10.17
500 .....	.73	1.04	1.63	2.27	2.74	3.13	3.45	3.73	3.97	4.53
1,000 .....	.52	.73	1.15	1.60	1.94	2.21	2.44	2.63	2.80	3.19
2,000 .....	.37	.52	.81	1.13	1.37	1.56	1.72	1.85	1.97	2.24
4,000 .....	.26	.37	.57	.80	.96	1.10	1.20	1.30	1.38	1.56
6,000 .....	.21	.30	.47	.65	.78	.89	.98	1.05	1.11	-
10,000 .....	.16	.23	.36	.50	.60	.68	.75	.80	-	-
20,000 .....	.12	.16	.25	.35	.42	.47	.51	.54	-	-
60,000 .....	.07	.09	.14	.19	.22	.23	.24	-	-	-
100,000 .....	.05	.07	.11	.14	.15	.15	-	-	-	-

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	2.14	3.01	4.69	6.46	7.68	8.61	9.32	9.86	10.27	10.76
100	1.51	2.13	3.32	4.57	5.43	6.09	6.59	6.97	7.26	7.61
500 .....	.68	.95	1.48	2.04	2.43	2.72	2.95	3.12	3.25	3.40
1,000 .....	.48	.67	1.05	1.44	1.72	1.92	2.08	2.21	2.30	2.41
2,000 .....	.34	.48	.74	1.02	1.22	1.36	1.47	1.56	1.62	1.70
4,000 .....	.24	.34	.52	.72	.86	.96	1.04	1.10	1.15	1.20
6,000 .....	.20	.28	.43	.59	.70	.79	.85	.90	.94	.98
10,000 .....	.15	.21	.33	.46	.54	.61	.66	.70	.73	.76
20,000 .....	.11	.15	.23	.32	.38	.43	.47	.49	.51	.54
40,000 .....	.08	.11	.17	.23	.27	.30	.33	.35	.36	.38
60,000 .....	.06	.09	.14	.19	.22	.25	.27	.28	.30	.31
80,000 .....	.05	.08	.12	.16	.19	.22	.23	.25	.26	.27
100,000 .....	.05	.07	.10	.14	.17	.19	.21	.22	.23	.24
160,000 .....	.04	.05	.08	.11	.13	.15	.16	.17	.18	.19

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 data:			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 data:					
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 level, 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	-	127	-
10,000	149	165	102	144	157	155	-	145	-
15,000	180	198	-	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	-	236	201	174	-	242	-
50,000	296	301	-	-	-	-	-	-	-
75,000	331	304	-	-	-	-	-	-	-
100,000	343	255	-	-	-	-	-	-	-

Establishment Data (Tables B-1 through C-8)

COLLECTION

Payroll reports provide current information on wage and salary employment and hours and earnings in nonagricultural establishments, by industry and geographic location. Historical statistics are published in *Employment, Hours, and Earnings, United States, 1909-84*, and *Employment, Hours, and Earnings, States and Areas, 1939-82* and their annual 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 nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory 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 and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual (SICM)*, 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 changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 185 seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

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, inspection, receiving, storage, 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 operation.

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 1977. 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; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. 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. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on average hours.

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 the production worker, construction worker, or nonsupervisory employee definitions.

Average hourly earnings, including lump-sum wage payments. This series is compiled only for aircraft manufacturing, SIC 3721. The same concepts and estimation methods apply to this series as apply to the average hourly earnings series described above; the one difference between the two 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 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-time 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 nonproduction 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 selected 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.

Size and regional stratification

A number of industries are stratified by size of

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-employees 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.

establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings 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 a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with benchmarks (comprehensive counts of employment) for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1985 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 97 percent of employees on nonagricultural 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 1985 benchmark adjustment is shown in table M.

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.

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1985

Industry	Benchmark	Estimate	Percent difference
Total	96,042,000	96,045,000	(¹)
Mining	933,000	962,000	-3.1
Construction	4,241,000	4,180,000	1.4
Manufacturing	19,295,000	19,399,000	-5
Transportation and public utilities	5,155,000	5,205,000	-1.0
Wholesale trade	5,654,000	5,681,000	-5
Retail trade	16,782,000	16,818,000	-2
Finance, insurance, and real estate	5,825,000	5,796,000	.5
Services	21,561,000	21,536,000	.1
Government	16,596,000	16,468,000	.8

¹ Less than 0.05 percent.

THE SAMPLE

Design

The sampling plan used in the Current Employment Statistics program 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 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 Current Employment Statistics 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 later 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 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 of the employment estimates

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

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1985¹

Industry	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	243,000	38,173,000	40
Mining	3,600	374,000	40
Construction	22,500	858,000	20
Manufacturing	52,000	10,654,000	55
Transportation and public utilities	11,500	2,409,000	47
Wholesale trade	22,300	1,042,000	18
Retail trade	42,400	3,319,000	20
Finance, insurance, and real estate	17,100	2,091,000	36
Services	48,500	5,267,000	24
Government:			
Federal ²	5,100	2,839,000	100
State	3,800	3,087,000	79
Local	14,200	6,233,000	63

¹ Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

² National estimates of Federal employment by agency 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 5,100 reports covering about 64 percent of employment in Federal establishments.

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 usually adjusted annually to new benchmarks. In addition to taking account of sampling and 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:

$$RMSE = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

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 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

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 estimates of employment ¹	Relative errors ²	
		Average weekly hours	Average hourly earnings
Total	0.2	-	-
Total private	.3	0.1	0.2
Mining	2.9	1.0	1.3
Construction	1.6	.2	.5
Manufacturing	.6	.1	.2
Durable goods	.7	.1	.3
Nondurable goods	.6	.1	.2
Transportation and public utilities	.4	.7	.6
Wholesale trade	.3	.2	.4
Retail trade	1.2	.2	.4
Finance, insurance, and real estate	.3	.2	.4
Services	.2	.4	.6
Government ³	.4	-	-

The average percent revision in employment for the 1981-85 benchmarks.

² Relative errors relate to 1982 data.

³ Estimates 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.

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.

are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan

areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

Table Q. Errors of preliminary employment estimates

Industry	Root-mean-squar error of-		Industry	Root-mean-squar error of-	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Total	110,000	101,100	Nondurable goods—Continued		
Total private ¹	63,100	56,800	Chemicals and allied products	2,500	2,400
Goods-producing	35,200	29,400	Petroleum and coal products	1,700	1,600
Mining	5,500	5,300	Rubber and misc. plastics products	2,300	2,200
Oil and gas extraction ¹	4,600	4,300	Leather and leather products	2,800	2,600
Construction	18,300	13,500	Service-producing industries	98,200	94,000
General building contractors ¹	7,900	5,400	Transportation and public utilities	14,700	14,200
Manufacturing	28,700	27,200	Transportation ¹	18,400	17,800
Durable goods	22,100	20,200	Communication and public utilities ¹	5,200	4,800
Lumber and wood products	3,800	3,200	Wholesale trade ¹	8,500	7,800
Furniture and fixtures	3,000	2,400	Durable goods ¹	5,600	5,100
Stone, clay, and glass products	2,300	2,100	Nondurable goods ¹	5,000	4,500
Primary metal industries	6,100	5,900	Retail trade ¹	33,700	32,400
Blast furnaces and basic steel products ¹	5,000	4,900	General merchandise stores ¹	19,700	19,000
Fabricated metal products	4,600	3,900	Food stores ¹	6,500	5,800
Machinery, except electrical	8,700	7,800	Automotive dealers and service stations ¹	3,300	2,900
Electrical and electronic equipment	6,200	6,400	Eating and drinking places ¹	19,200	17,100
Transportation equipment	13,200	11,800	Finance, insurance, and real estate	8,600	7,300
Motor vehicles and equipment ¹	10,000	10,200	Finance ¹	4,200	3,600
Instruments and related products	2,200	2,100	Insurance ¹	2,800	2,200
Miscellaneous manufacturing	2,000	2,000	Real estate ¹	5,000	4,100
Nondurable goods	11,800	11,700	Services	32,200	27,900
Food and kindred products	8,500	8,600	Business services ¹	12,900	10,800
Tobacco manufactures	1,600	1,500	Health services ¹	10,500	10,200
Textile mill products	2,700	2,700	Government	72,400	66,100
Apparel and other textile products	6,500	6,100	Federal	18,200	15,100
Paper and allied products	1,900	1,700	State ¹	26,200	24,700
Printing and publishing	2,400	2,500	Local ¹	38,800	35,900

¹ Data are based on differences from January 1981 through December 1985; all other data reflect differences from January 1980 through December 1985.

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

COLLECTION

Productivity data are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

CONCEPTS

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

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 measure changes in the volume of goods and services produced per paid hour of labor input.

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 to eliminate the effect of changes in 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, depreciation, interest, and indirect taxes per unit of output.

They are computed by subtracting compensation of all persons from the current-dollar gross national product 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 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 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.

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 of determining eligibility of an area for benefits under Federal programs such as the Job Training Partnership Act and the Public Works and Economic Development Act.

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 and unemployment 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, D.C. 20402. The report "Employment and Unemployment in States and Local

Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

ESTIMATING METHODS

The civilian labor force and unemployment estimates in 11 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, North Carolina, and Florida; and two areas: Los Angeles—Long Beach metropolitan area and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts, see "Household Data," above.

Monthly labor force and unemployment estimates in the remaining 39 States, the District of Columbia, and 253 labor market areas are prepared in several stages. The civilian labor force is the sum of the employment and unemployment levels, which are estimated in accordance with the BLS *Manual for Developing Local Area Unemployment Statistics*.

1. *Preliminary estimate—employment:* The total civilian employment estimate is based on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate 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 the several categories of employment on the basis of employment relationships which existed at the time of the 1970 decennial census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates, to which are added estimates for employment not covered by unemployment insurance (UI).

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block 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. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and person who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of

covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of the experienced unemployed; (c) the level of the experienced labor force; and (d) the proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as:

$$U = A(X + E) + BX, \text{ where}$$

U = total entrant unemployment
E = total civilian employment
X = total experienced unemployment
A, B = synthetic factors incorporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 39 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6-month period ending in the current month (e.g., a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared for the State (obtained directly from the CPS in the 11 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) within the State. The total of the geographic areas in the LMA's exhausts the geographic boundaries of the State. A proportional adjustment is applied to all sub-state LMA estimates to ensure that the sub-state estimates of employment and unemployment add to the independent State totals. In California and New York, which also have sub-state areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year, monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 39 States and the District of Columbia for which monthly CPS estimates are not

available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in the State UI laws, the structural limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages. Second, the difference between the ratio of

annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 11 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

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 regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series is an adaptation of the standard ratio-to-moving average method. It provides for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing 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, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and

had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which places more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal adjustment factors are calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, BLS calculates and publishes in *Employment and Earnings* a set of 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 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 the 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 methodology 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.

Beginning in July 1980 the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current year's estimates are based on actual data through March 1986 and projected data through March 1987. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series since June 1981.

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 nonsuper-

visory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, wholesale trade, retail trade, manufacturing, and durable and nondurable goods industries, 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 1977 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 are used in the aggregation to broader level seasonally adjusted series, however.

Beginning in June 1983, seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. In earlier years the number of these workers was substantial, and at times varied greatly from year to year, based on administrative decisions of the Postal Service. Hence, it was considered desirable to exclude this group from the unadjusted data upon which the seasonal adjustment factors were based. In the past several years, the number of these workers has decreased to the point where their presence has no impact on seasonal adjustment. Temporary census takers for the 1980 decennial census are removed prior to the calculation of seasonal adjustment factors for Federal Government employment.

The revised seasonally adjusted series for the establishment data reflect experience through March 1986. Seasonal adjustment factors to be used for current adjustment appear in the June 1986 issue of *Employment and Earnings*.

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COOPERATING STATE AGENCIES

Current Employment Statistics Program (CES), and State and Local Area Unemployment Statistics Program (LAUS)

BLS Region	
IV ALABAMA	-Research and Statistics Div., Depart. of Industrial Relations, Industrial Relations Building, Room 427, Montgomery 36130
X ALASKA	-Employment Security Division, Department of Labor, P.O. Box 25501, Juneau 99802
IX ARIZONA	-Department of Economic Security, 733-A, P.O. Box 6123, Phoenix 85005
VI ARKANSAS	-Employment Security Division, Department of Labor, State Capitol Mall, P.O. Box 2981, Little Rock 72203
IX CALIFORNIA	-Employment Data and Research Div., Employment Development Department, P.O. Box 1679, Sacramento 95808.
VIII COLORADO	-Division of Employment and Training, 1330 Fox Street, Denver 80204
I CONNECTICUT	-Employment Security Division, Labor Department, 200 Folly Brook Boulevard, Wethersfield 06109
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III DIST. OF COL.	-Division of Labor Market Information, Research and Analysis, Department of Employment Services, 500 C Street N.W., Room 411, Washington 20001
IV FLORIDA	-Bureau of Research and Information, Depart. of Labor and Employment Security, 2574 Seagate Drive, Tallahassee 32301
IV GEORGIA	-Department of Labor, 254 Washington Street, S.W., Atlanta 30334
IX HAWAII	-Department of Labor and Industrial Relations, 830 Punchbowl Street, Room 304, Honolulu 96813
X IDAHO	-Department of Employment, P.O. Box 35, Boise 83735
V ILLINOIS	-Bureau of Employment Security, 910 South Michigan Avenue, 12th Floor, Chicago 60605
V INDIANA	-Employment Security Division, 10 North Senate Avenue, Indianapolis 46204
VII IOWA	-Department of Job Service, 1000 East Grand Avenue, Des Moines 50319
VII KANSAS	-Department of Human Resources, 401 Topeka Avenue, Topeka 66603
IV KENTUCKY	-Department for Employment Services, Cabinet for Human Resources, 275 E. Main Street, Frankfort 40621
VI LOUISIANA	-Department of Labor, P.O. Box 44094, Capitol Station, Baton Rouge 70804
I MAINE	-Division of Research and Analysis, Department of Labor, 20 Union Street, Augusta 04330
III MARYLAND	-Research and Analysis Division, Department of Human Resources, 1100 North Eutaw Street, Baltimore 21201
I MASSACHUSETTS	-Division of Employment Security, Charles F. Hurley Building, Government Center, Boston 02114
V MICHIGAN	-Research and Statistics Division, Employment Security Commission, 7310 Woodward Avenue, Detroit 48202
V MINNESOTA	-Department of Jobs and Training, 390 North Robert Street, St. Paul 55101
IV MISSISSIPPI	-Labor Market Information Department, Employment Security Commission, P.O. Box 1699, Jackson 39215-1699
VII MISSOURI	-Division of Employment Security, P.O. Box 59, Jefferson City 65104
VIII MONTANA	-Department of Labor and Industry, P.O. Box 1728, Helena 59601
VII NEBRASKA	-Division of Employment, Department of Labor, P.O. Box 94600, Lincoln 68509
IX NEVADA	-Employment Security Department, 500 East Third Street, Carson City 89713
I NEW HAMPSHIRE	-Department of Employment Security, 32 South Main Street, Concord 03301
II NEW JERSEY	-Division of Planning and Research, Department of Labor, P.O. Box 2765, Trenton 08625
VI NEW MEXICO	-Employment Services Division, Employment Security Department, P.O. Box 1928, Albuquerque 87103
II NEW YORK	-Division of Research and Statistics, Department of Labor, State Campus, Building 12, Albany 12240
IV NORTH CAROLINA	-Labor Market Information Division, Employment Security Commission, P.O. Box 25903, Raleigh 27611
VIII NORTH DAKOTA	-Job Service, P.O. Box 1537, Bismarck 58502
V OHIO	-Labor Market Information Division, Bureau of Employment Services, P.O. Box 1618, Columbus 43216
VI OKLAHOMA	-Research and Planning Division, Employment Security Commission, 310 Will Rogers Memorial Office Building, Oklahoma City 73105
X OREGON	-Employment Division, Department of Human Resources, 875 Union Street N.E., Salem 97311
III PENNSYLVANIA	-Research and Statistics Division, Department of Labor and Industry, 7th and Forster Streets, Harrisburg 17121
II PUERTO RICO	-Department of Labor and Human Resources, Bureau of Labor Statistics, 505 Munoz Rivera Ave., 17th Fl., Hato Rey 00918 (CES). Bureau of Employment Security, 505 Munoz Rivera Ave., 15th Fl., Hato Rey 00918 (LAUS)
I RHODE ISLAND	-Department of Employment Security, 24 Mason Street, Providence 02903
IV SOUTH CAROLINA	-Employment Security Commission, P.O. Box 995, Columbia 29202
VIII SOUTH DAKOTA	-Department of Labor, P.O. Box 1730, Aberdeen 57401
IV TENNESSEE	-Department of Employment Security, Cordell Hull Office Building, Room 519, Nashville 37219
VI TEXAS	-Employment Commission, 15th and Congress Avenue, Austin 78778
VIII UTAH	-Department of Employment Security, P.O. Box 11249, Salt Lake City 84147
I VERMONT	-Department of Employment and Training, P.O. Box 488, Montpelier 05602
III VIRGINIA	-Division of Research and Analysis, Employment Commission, P.O. Box 1358, Richmond 23211
II VIRGIN ISLANDS	-Bureau of Labor Statistics, Department of Labor, P.O. Box 818, St. Thomas 00801
X WASHINGTON	-Employment Security Department, 212 Maple Park, Olympia 98504
III WEST VIRGINIA	-Division of Labor and Economic Security, Depart. of Employment Security, 112 California Avenue, Charleston 25305
V WISCONSIN	-Department of Industry, Labor, and Human Relations, P.O. Box 7944, Madison 53707
VIII WYOMING	-Employment Security Commission, P.O. Box 2760, Casper 82602