



EMPLOYMENT AND EARNINGS

October 1984

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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.
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	Jan., Apr., July, Oct.

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

State and area labor force data

Annual averages	May
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¹ Issue varies. Latest revised data introduced June 1984.

² Month of publication varies. The latest supplement was published in July 1984.

Employment and Earnings

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Editors: Gloria Peterson Green, Rosalie K. Epstein

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Employment and Unemployment Developments, September 1984

Employment and unemployment were little changed in September. The overall jobless rate was 7.3 percent; it had been 7.4 percent in the previous 2 months. The unemployment rate for civilian workers was 7.4 percent, compared with 7.5 percent in July and August.

Civilian employment—as measured by the monthly survey of households—totaled 105.2 million in September, seasonally adjusted. The number of persons on nonagricultural payrolls—as measured by the monthly survey of establishments—totaled 94.7 million. Both employment series showed little over-the-month movement but were up about 6 million since the November 1982 recession trough.

Unemployment

The unemployment rate for civilian workers was 7.4 percent in September, not much different from the 7.5 percent of July and August. The number of unemployed persons was unchanged at 8.5 million, 3.4 million below the November 1982 recession trough. (See table A-33.)

Unemployment rates for adult men (6.5 percent), teenagers (19.3 percent), whites (6.4 percent), and Hispanics (10.7 percent) showed little, if any, change from August. The jobless rate for adult women, however, moved down to 6.7 percent, after rising in the prior 2 months. The unemployment rate for blacks edged down to 15.1 percent but continues to be more than twice that for whites. (See tables A-33 and A-34.)

The number of short-term (less than 5 weeks) unemployed declined, while medium-term (5 to 14 weeks) unemployment rose in September. The mean and median duration of unemployment were about unchanged but were down substantially over the past year. There was no over-the-month change among workers who had lost their jobs, had left their jobs voluntarily, or were entering or reentering the labor force. Job losers accounted for 50 percent of total unemployment, compared with 62 percent in November 1982. (See tables A-40 and A-41.)

Civilian employment and the labor force

Civilian employment, at 105.2 million, seasonally adjusted, was little changed over the month. Teenage employment rose by 160,000 to 6.4 million, after declining in the prior 2 months. Civilian employment has risen by 3.4 million over the past year. The proportion of the

civilian population with jobs has risen by 1.2 percentage points during this period; among adult men, the increase in the employment-population ratio was 1.5 percentage points. (See table A-33.)

At 113.7 million, the civilian labor force was about unchanged over the month after seasonal adjustment but has grown by 1.6 million since September 1983. This over-the-year increase was essentially the result of population growth, as the proportion of the population in the labor force (the civilian labor force participation rate) was about unchanged over this period.

Discouraged workers

The number of discouraged workers—persons who report that they want to work but are not seeking jobs because they believe they cannot find any—continued to edge down, to a third quarter level of 1.2 million. This was about 600,000 below the recessionary high of 1.8 million reached in the fourth quarter of 1982. Nearly three-fourths of all discouraged workers cited job-market factors as their reason for not looking for employment. (See table A-53.)

Industry payroll employment

Total nonagricultural payroll employment, at 94.7 million in September, seasonally adjusted, was about unchanged from the August level. The September job count was 3.7 million above its year-earlier levels, but the pace of growth has slowed in recent months. About 40 percent of the 185 industries in the BLS index of diffusion registered over-the-month gains—the smallest proportion in nearly 2 years. (See tables B-4 and B-7.)

Employment in manufacturing dropped by 125,000, the first over-the-month decline since late 1982. Among durable goods industries, declines were concentrated in metals, machinery, and motor vehicles. In motor vehicles, employment decreased by 35,000, returning to levels prevailing earlier in the year. In nondurables, large decreases occurred in the food and apparel industries. There were also small declines in several other manufacturing industries. The rest of the goods-producing sector—mining and construction—showed little change over the month.

In the service-producing sector, job growth was strong in both wholesale and retail trade, with a total gain of 100,000. Employment in services grew by

85,000, but more than half of this stemmed from the return to work of hospital and nursing home employees following settlement of a strike. Employment also rose in local governments.

Weekly hours

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls and weekly and overtime hours in manufacturing all edged up 0.1 hour in September. Manufacturing hours, at 40.5, are quite high by historical standards. (See table C-5.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls rose 0.5 percent in September to 113.2 (1977 = 100). The manufacturing index, however, fell 0.5 percent over the month. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings rose 0.7 percent, and weekly

earnings were up 1.0 percent in September, seasonally adjusted. Prior to seasonal adjustment, average hourly earnings rose 13 cents to \$8.43, and weekly earnings increased \$4.62 to \$299.27. Over the past year, hourly earnings have risen 31 cents and weekly earnings \$12.63. (See tables C-1 and C-7.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 161.7 (1977 = 100) in September, seasonally adjusted, an increase of 0.7 percent from August. For the 12 months ended in September, the increase (before seasonal adjustment) was 3.5 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI decreased 0.3 percent during the 12-month period ended in August. (See table C-7.)

**HOUSEHOLD DATA
HISTORICAL**

A-1. Employment status of the noninstitutional population 16 years and over, 1951 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												
1951	106,764	64,160	60.1	62,104	2,143	59,961	6,726	53,235	2,055	3.2	42,604	
1952	107,617	64,524	60.0	62,636	2,386	60,250	6,500	53,749	1,883	2.9	43,093	
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 ¹	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539	
1963	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583	
1964	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394	
1965	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058	
1966	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288	
1967	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527	
1968	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291	
1969	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602	
1970	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315	
1971	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834	
1972 ²	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091	
1973 ¹	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667	
1974	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171	
1975	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377	
1976	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991	
1977	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025	
1978 ¹	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659	
1979	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900	
1980	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806	
1981	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460	
1982	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067	
1983	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665	
Monthly data, seasonally adjusted²												
1983:												
September	176,297	113,924	64.6	103,571	1,695	101,876	3,308	98,568	10,353	9.1	62,373	
October	176,474	113,561	64.3	103,665	1,695	101,970	3,240	98,730	9,896	8.7	62,913	
November	176,636	113,720	64.4	104,291	1,685	102,606	3,257	99,349	9,429	8.3	62,916	
December	176,809	113,824	64.4	104,629	1,688	102,941	3,356	99,585	9,195	8.1	62,985	
1984:												
January	177,219	113,901	64.3	104,876	1,686	103,190	3,271	99,918	9,026	7.9	63,318	
February	177,363	114,377	64.5	105,576	1,684	103,892	3,395	100,496	8,801	7.7	62,986	
March	177,510	114,598	64.6	105,826	1,686	104,140	3,281	100,859	8,772	7.7	62,912	
April	177,662	114,938	64.7	106,095	1,693	104,402	3,393	101,009	8,843	7.7	62,724	
May	177,813	115,493	65.0	106,978	1,690	105,288	3,389	101,899	8,514	7.4	62,320	
June	177,974	115,567	64.9	107,438	1,690	105,748	3,403	102,344	8,130	7.0	62,407	
July	178,138	115,636	64.9	107,093	1,698	105,395	3,345	102,050	8,543	7.4	62,503	
August	178,295	115,206	64.6	106,681	1,712	104,969	3,224	101,744	8,526	7.4	63,089	
September	178,483	115,419	64.7	106,959	1,720	105,239	3,315	101,923	8,460	7.3	63,064	

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

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

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

**HOUSEHOLD DATA
HISTORICAL**

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1973 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											
1973 ¹	71,017	56,349	79.3	54,074	1,725	52,349	2,847	49,502	2,275	4.0	14,667
1974	72,466	57,397	79.2	54,682	1,658	53,024	2,919	50,105	2,714	4.7	15,069
1975	73,891	57,899	78.4	53,457	1,600	51,857	2,824	49,032	4,442	7.7	15,993
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
Monthly data, seasonally adjusted²											
1983:											
September	84,261	64,877	77.0	58,828	1,549	57,279	2,676	54,603	6,049	9.3	19,384
October	84,344	64,709	76.7	58,950	1,543	57,407	2,595	54,812	5,759	8.9	19,635
November	84,423	64,846	76.8	59,389	1,534	57,855	2,575	55,280	5,457	8.4	19,577
December	84,506	64,838	76.7	59,580	1,537	58,043	2,650	55,393	5,258	8.1	19,668
1984:											
January	84,745	64,930	76.6	59,781	1,542	58,239	2,605	55,635	5,149	7.9	19,815
February	84,811	65,093	76.8	60,147	1,540	58,607	2,697	55,910	4,948	7.6	19,718
March	84,880	65,156	76.8	60,290	1,542	58,748	2,636	56,112	4,867	7.5	19,724
April	84,953	65,212	76.8	60,293	1,548	58,745	2,720	56,026	4,919	7.5	19,741
May	85,024	65,307	76.8	60,629	1,545	59,084	2,723	56,361	4,678	7.2	19,717
June	85,101	65,452	76.9	60,923	1,545	59,378	2,710	56,668	4,529	6.9	19,649
July	85,179	65,362	76.7	60,607	1,551	59,056	2,705	56,351	4,758	7.3	19,817
August	85,257	65,244	76.5	60,661	1,563	59,098	2,607	56,490	4,563	7.0	20,013
September	85,352	65,614	76.9	60,912	1,571	59,341	2,661	56,681	4,702	7.2	19,738
Annual averages											
WOMEN											
1973 ¹	77,853	34,853	44.8	32,764	49	32,715	622	32,093	2,089	8.0	43,000
1974	79,375	36,274	45.7	33,832	63	33,769	596	33,173	2,441	6.7	43,101
1975	80,938	37,553	46.4	34,067	78	33,989	584	33,404	3,486	9.3	43,386
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
Monthly data, seasonally adjusted²											
1983:											
September	92,036	49,047	53.3	44,743	146	44,597	632	43,965	4,304	8.8	42,989
October	92,129	48,852	53.0	44,715	152	44,563	645	43,918	4,137	8.5	43,277
November	92,214	48,874	53.0	44,902	151	44,751	682	44,069	3,972	8.1	43,340
December	92,302	48,986	53.1	45,049	151	44,898	706	44,192	3,937	8.0	43,316
1984:											
January	92,474	48,971	53.0	45,094	144	44,950	667	44,284	3,876	7.9	43,503
February	92,552	49,283	53.2	45,429	144	45,285	698	44,587	3,855	7.8	43,269
March	92,630	49,442	53.4	45,536	144	45,392	646	44,747	3,905	7.9	43,188
April	92,709	49,725	53.6	45,802	145	45,657	673	44,983	3,924	7.9	42,964
May	92,789	50,186	54.1	46,350	145	46,205	666	45,538	3,836	7.6	42,603
June	92,873	50,115	54.0	46,515	145	46,370	693	45,676	3,600	7.2	42,758
July	92,958	50,273	54.1	46,486	147	46,339	641	45,699	3,787	7.5	42,685
August	93,039	49,963	53.7	46,020	149	45,871	617	45,254	3,943	7.9	43,076
September	93,132	49,804	53.5	46,047	149	45,898	655	45,243	3,758	7.5	43,328

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, 1951 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								
1951	104,621	62,017	59.2	59,961	2,055	3.3	2.8	4.4
1952	105,231	62,138	59.0	60,250	1,883	3.0	2.8	3.6
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 ²	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 ¹	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976	156,150	96,158	61.6	88,752	7,406	7.7	7.1	8.6
1977	159,033	99,009	62.3	92,017	6,991	7.1	6.3	8.2
1978 ¹	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
Monthly data, seasonally adjusted²								
1983:								
September	174,602	112,229	64.3	101,876	10,353	9.2	9.6	8.8
October	174,779	111,866	64.0	101,970	9,896	8.8	9.1	8.5
November	174,951	112,035	64.0	102,606	9,429	8.4	8.6	8.2
December	175,121	112,136	64.0	102,941	9,195	8.2	8.3	8.1
1984:								
January	175,533	112,215	63.9	103,190	9,026	8.0	8.1	7.9
February	175,679	112,693	64.1	103,892	8,801	7.8	7.8	7.8
March	175,824	112,912	64.2	104,140	8,772	7.8	7.7	7.9
April	175,969	113,245	64.4	104,402	8,843	7.8	7.7	7.9
May	176,123	113,803	64.6	105,288	8,514	7.5	7.3	7.7
June	176,284	113,877	64.6	105,748	8,130	7.1	7.1	7.2
July	176,440	113,938	64.6	105,395	8,543	7.5	7.5	7.6
August	176,583	113,494	64.3	104,969	8,526	7.5	7.2	7.9
September	176,763	113,699	64.3	105,239	8,460	7.4	7.3	7.6

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

Explanatory Notes.

² The population figures are not adjusted for seasonal variation.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	September 1984										
	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	176,763	113,843	64.4	105,792	8,051	7.1	62,920	31,074	9,004	2,790	20,052
16 to 19 years	14,624	7,586	51.9	6,118	1,467	19.3	7,039	414	5,957	19	650
16 to 17 years	7,170	2,933	40.9	2,329	604	20.6	4,237	92	3,947	6	191
18 to 19 years	7,454	4,652	62.4	3,789	863	18.6	2,802	322	2,010	11	459
20 to 24 years	20,630	15,916	77.2	14,176	1,740	10.9	4,713	1,811	2,084	65	734
25 to 54 years	92,905	75,288	81.0	71,040	4,248	5.6	17,618	13,008	924	866	2,819
25 to 34 years	40,153	32,979	82.1	30,884	2,095	6.4	7,174	5,291	668	211	1,003
25 to 29 years	20,965	17,188	82.0	16,002	1,186	6.9	3,777	2,668	447	86	575
30 to 34 years	19,187	15,791	82.3	14,882	909	5.8	3,397	2,623	222	125	428
35 to 44 years	30,515	25,280	82.8	23,908	1,372	5.4	5,235	4,006	200	247	783
35 to 39 years	16,913	14,101	83.4	13,266	835	5.9	2,811	2,180	131	126	385
40 to 44 years	13,603	11,178	82.2	10,641	537	4.8	2,423	1,837	89	121	398
45 to 54 years	22,238	17,029	76.6	16,248	781	4.6	5,209	3,711	56	408	1,034
45 to 49 years	11,358	9,056	79.7	8,613	443	4.9	2,302	1,681	31	194	397
50 to 54 years	10,881	7,973	73.3	7,634	339	4.3	2,907	2,030	26	215	636
55 to 64 years	22,053	12,001	54.4	11,503	497	4.1	10,052	5,555	26	737	3,734
55 to 59 years	11,264	7,221	64.1	6,925	296	4.1	4,043	2,416	18	370	1,238
60 to 64 years	10,788	4,780	44.3	4,579	201	4.2	6,009	3,138	7	367	2,497
65 years and over	26,551	3,053	11.5	2,955	98	3.2	23,498	10,285	14	1,084	12,115
65 to 69 years	8,996	1,770	19.7	1,698	72	4.1	7,226	3,260	4	224	3,738
70 years and over	17,555	1,282	7.3	1,257	26	2.0	16,272	7,025	10	860	8,377
Men											
16 years and over	83,781	63,911	76.3	59,714	4,197	6.6	19,869	479	4,503	1,608	13,280
16 to 19 years	7,330	3,908	53.3	3,160	748	19.1	3,421	27	3,037	15	342
16 to 17 years	3,642	1,519	41.7	1,212	306	20.2	2,124	6	2,003	5	110
18 to 19 years	3,687	2,390	64.8	1,948	442	18.5	1,298	21	1,033	10	233
20 to 24 years	10,079	8,508	84.4	7,553	955	11.2	1,571	30	1,093	50	399
25 to 54 years	45,254	42,574	94.1	40,454	2,120	5.0	2,680	125	364	598	1,591
25 to 34 years	19,674	18,627	94.7	17,605	1,022	5.5	1,047	62	299	153	533
25 to 29 years	10,285	9,655	93.9	9,069	586	6.1	630	33	220	65	311
30 to 34 years	9,389	8,972	95.6	8,536	436	4.9	417	29	79	88	222
35 to 44 years	14,849	14,167	95.4	13,472	896	4.9	681	31	50	161	439
35 to 39 years	8,236	7,878	95.7	7,473	405	5.1	358	18	34	84	221
40 to 44 years	6,613	6,289	95.1	5,998	291	4.6	323	13	16	77	218
45 to 54 years	10,731	9,780	91.1	9,377	402	4.1	951	32	15	284	620
45 to 49 years	5,507	5,127	93.1	4,916	211	4.1	380	16	4	142	219
50 to 54 years	5,225	4,653	89.1	4,461	192	4.1	572	16	12	143	401
55 to 64 years	10,285	7,065	68.7	6,747	318	4.5	3,220	91	6	486	2,637
55 to 59 years	5,309	4,240	79.9	4,063	177	4.2	1,069	35	7	235	793
60 to 64 years	4,976	2,825	56.8	2,684	141	5.0	2,151	56	-	251	1,844
65 years and over	10,833	1,855	17.1	1,800	56	3.0	8,977	206	3	458	8,310
65 to 69 years	4,009	1,041	26.0	1,000	41	3.9	2,968	59	-	134	2,775
70 years and over	6,824	814	11.9	800	15	1.8	6,009	147	3	324	5,535
Women											
16 years and over	92,983	49,932	53.7	46,078	3,854	7.7	43,051	30,595	4,502	1,182	6,772
16 to 19 years	7,295	3,677	50.4	2,958	719	19.6	3,618	387	2,920	3	307
16 to 17 years	3,528	1,415	40.1	1,117	298	21.0	2,113	86	1,943	3	81
18 to 19 years	3,767	2,262	60.1	1,841	421	18.6	1,504	301	977	-	226
20 to 24 years	10,551	7,408	70.2	6,623	785	10.6	3,142	1,781	891	34	335
25 to 54 years	47,651	32,713	68.7	30,586	2,127	6.5	14,938	12,883	560	268	1,228
25 to 34 years	20,478	14,352	70.1	13,279	1,073	7.5	6,127	5,229	370	58	470
25 to 29 years	10,680	7,533	70.5	6,933	600	8.0	3,147	2,635	227	21	264
30 to 34 years	9,798	6,819	69.6	6,346	473	6.9	2,980	2,594	143	37	206
35 to 44 years	15,666	11,113	70.9	10,436	676	6.1	4,554	3,974	150	86	344
35 to 39 years	8,677	6,223	71.7	5,793	430	6.9	2,453	2,151	97	42	164
40 to 44 years	6,990	4,889	69.9	4,643	246	5.0	2,100	1,824	53	44	180
45 to 54 years	11,507	7,249	63.0	6,870	379	5.2	4,257	3,680	40	124	414
45 to 49 years	5,851	3,929	67.2	3,697	232	5.9	1,922	1,665	27	52	178
50 to 54 years	5,656	3,320	58.7	3,173	147	4.4	2,335	2,014	14	72	235
55 to 64 years	11,768	4,936	41.9	4,757	179	3.6	6,832	5,465	20	251	1,097
55 to 59 years	5,956	2,982	50.1	2,862	120	4.0	2,974	2,383	11	135	445
60 to 64 years	5,812	1,954	33.6	1,895	60	3.1	3,858	3,082	8	116	652
65 years and over	15,718	1,197	7.6	1,155	42	3.5	14,521	10,079	11	626	3,805
65 to 69 years	4,987	729	14.6	698	31	4.3	4,258	3,201	4	90	963
70 years and over	10,731	468	4.4	457	11	2.3	10,263	6,878	7	536	2,842

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

(Numbers in thousands)

Age, sex, and race	September 1984										
	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	152,471	98,529	64.6	92,573	5,956	6.0	53,942	27,389	7,027	2,189	17,337
16 to 19 years	12,060	6,613	54.8	5,539	1,074	16.2	5,447	285	4,667	12	483
16 to 17 years	5,899	2,619	44.4	2,146	473	18.0	3,280	73	3,060	6	142
18 to 19 years	8,181	3,994	64.8	3,393	601	15.1	2,167	212	1,607	6	341
20 to 24 years	17,233	13,556	78.7	12,389	1,167	8.6	3,677	1,445	1,665	67	499
25 to 54 years	79,592	64,904	81.5	61,667	3,237	5.0	14,667	11,241	668	838	2,140
25 to 34 years	33,940	28,164	83.0	26,604	1,560	5.5	5,776	4,483	465	153	876
25 to 29 years	17,665	14,659	83.0	13,792	866	5.9	3,007	2,283	310	58	377
30 to 34 years	16,275	13,505	83.0	12,811	694	5.1	2,770	2,220	156	95	299
35 to 44 years	26,287	21,809	83.0	20,726	1,083	5.0	4,478	3,526	163	182	607
35 to 39 years	14,540	12,142	83.5	11,488	654	8.2	2,397	1,920	105	96	287
40 to 44 years	11,747	9,667	82.3	9,238	429	4.4	2,080	1,821	58	87	320
45 to 54 years	19,365	14,931	77.1	14,337	594	4.0	4,434	3,233	40	304	857
45 to 49 years	9,858	7,891	80.0	7,570	321	4.1	1,967	1,450	25	147	346
50 to 54 years	9,507	7,039	74.0	6,767	273	4.6	2,467	1,602	15	157	512
55 to 64 years	19,567	10,668	54.5	10,267	401	3.8	8,899	5,023	19	576	3,281
55 to 59 years	9,943	6,399	64.4	6,165	233	3.8	3,544	2,195	14	294	1,041
60 to 64 years	9,625	4,269	44.4	4,102	167	3.9	5,355	2,828	5	282	2,241
65 years and over	24,019	2,788	11.6	2,710	78	2.8	21,231	9,396	7	895	10,933
65 to 69 years	8,147	1,618	19.9	1,560	59	3.6	6,530	2,960	4	190	3,375
70 years and over	15,872	1,170	7.4	1,151	20	1.7	14,702	6,436	3	705	7,558
Men											
16 years and over	72,761	56,020	77.0	52,893	3,128	5.6	16,741	367	3,544	1,257	11,573
16 to 19 years	6,064	3,396	56.0	2,848	548	16.1	2,668	6	2,389	10	263
16 to 17 years	3,009	1,360	45.2	1,115	245	18.0	1,849	-	1,567	3	80
18 to 19 years	3,056	2,036	66.6	1,733	303	14.9	1,019	7	822	7	183
20 to 24 years	8,486	7,250	85.4	6,821	629	8.7	1,237	17	894	44	281
25 to 54 years	39,218	37,267	95.0	35,625	1,642	4.4	1,951	90	254	445	1,161
25 to 34 years	16,825	16,127	95.8	15,348	778	4.8	698	37	211	114	336
25 to 29 years	8,763	8,342	95.2	7,903	438	5.3	422	16	160	47	199
30 to 34 years	8,062	7,785	96.6	7,445	340	4.4	277	21	52	67	137
35 to 44 years	12,940	12,434	96.1	11,880	554	4.5	506	26	35	120	325
35 to 39 years	7,167	6,901	96.3	6,579	322	4.7	265	14	26	66	160
40 to 44 years	5,773	5,533	95.8	5,301	232	4.2	241	12	10	54	165
45 to 54 years	9,453	8,706	92.1	8,397	310	3.6	747	27	8	212	500
45 to 49 years	4,832	4,527	93.7	4,378	149	3.3	305	13	3	103	186
50 to 54 years	4,621	4,179	90.4	4,018	161	3.8	442	14	5	109	315
55 to 64 years	9,175	4,987	54.3	4,721	265	4.2	2,787	75	4	381	2,326
55 to 59 years	4,721	3,832	81.2	3,690	142	3.7	889	28	5	189	668
60 to 64 years	4,453	2,555	57.4	2,432	123	4.8	1,898	48	-	192	1,859
65 years and over	9,817	1,720	17.5	1,678	42	2.5	8,097	178	2	377	7,541
65 to 69 years	3,654	969	26.5	938	31	3.2	2,686	54	-	116	2,516
70 years and over	6,163	751	12.2	740	12	1.6	5,412	124	2	261	5,025
Women											
16 years and over	79,710	42,509	53.3	39,680	2,830	8.7	37,201	27,022	3,483	931	5,764
16 to 19 years	5,998	3,217	53.7	2,692	525	18.3	2,778	278	2,278	2	220
18 to 17 years	2,890	1,259	43.6	1,032	228	18.1	1,831	74	1,493	3	61
18 to 19 years	3,106	1,958	63.0	1,660	298	15.2	1,148	205	785	-	159
20 to 24 years	8,747	6,306	72.1	5,768	538	8.5	2,440	1,428	771	23	218
25 to 54 years	40,374	27,637	68.5	26,042	1,595	5.8	12,736	11,151	414	193	979
25 to 34 years	17,115	12,038	70.3	11,255	782	8.5	5,078	4,448	254	39	339
25 to 29 years	8,902	6,317	71.0	5,889	428	8.8	2,585	2,247	150	11	178
30 to 34 years	8,213	5,720	69.7	5,366	354	8.2	2,493	2,199	104	28	162
35 to 44 years	13,347	9,375	70.2	8,846	529	5.6	3,971	3,500	127	62	282
35 to 39 years	7,373	5,241	71.1	4,909	332	6.3	2,132	1,896	79	30	127
40 to 44 years	5,974	4,134	69.2	3,937	197	4.8	1,839	1,603	48	33	155
45 to 54 years	9,912	6,224	62.8	5,940	264	4.6	3,687	3,205	33	92	357
45 to 49 years	5,026	3,364	66.9	3,192	172	5.1	1,662	1,435	22	44	160
50 to 54 years	4,866	2,860	58.5	2,749	112	3.9	2,025	1,770	10	48	197
55 to 64 years	10,393	4,281	41.2	4,146	135	3.2	6,112	4,947	15	195	955
55 to 59 years	5,221	2,566	49.2	2,475	91	3.5	2,655	2,167	9	106	373
60 to 64 years	5,172	1,714	33.2	1,670	44	2.6	3,457	2,780	6	89	582
65 years and over	14,202	1,068	7.5	1,032	36	3.4	13,134	9,218	6	518	3,392
65 to 69 years	4,493	649	14.4	622	28	4.2	3,844	2,906	4	74	859
70 years and over	9,709	419	4.3	411	8	2.0	9,290	6,312	1	444	2,533

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	September 1984										
	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	19,416	12,126	62.4	10,310	1,816	15.0	7,290	2,910	1,531	559	2,288
16 to 19 years	2,146	810	37.7	439	371	45.8	1,336	116	1,074	6	139
16 to 17 years	1,050	253	24.1	133	120	47.4	797	18	741	2	36
18 to 19 years	1,096	556	50.8	306	251	45.1	539	99	333	4	103
20 to 24 years	2,785	1,951	70.1	1,438	513	26.3	833	306	305	14	207
25 to 54 years	10,314	8,081	78.3	7,238	842	10.4	2,235	1,317	142	210	566
25 to 34 years	4,821	3,781	78.4	3,320	460	12.2	1,041	600	112	53	276
25 to 29 years	2,584	2,021	78.2	1,734	287	14.2	563	300	70	26	167
30 to 34 years	2,238	1,759	78.6	1,586	173	9.8	479	300	42	28	108
35 to 44 years	3,200	2,636	82.4	2,401	235	8.9	585	353	17	52	143
35 to 39 years	1,786	1,493	83.6	1,352	140	9.4	293	184	10	24	74
40 to 44 years	1,415	1,143	80.8	1,048	94	8.2	272	169	7	27	68
45 to 54 years	2,293	1,664	72.6	1,516	148	8.9	629	364	13	105	147
45 to 49 years	1,197	920	76.9	825	95	10.3	277	180	5	46	45
50 to 54 years	1,095	744	67.9	692	52	7.0	351	184	8	59	101
55 to 64 years	1,978	1,061	53.6	987	73	6.9	917	412	4	149	352
55 to 59 years	1,046	650	62.2	607	43	6.6	395	171	2	69	154
60 to 64 years	932	410	44.0	360	30	7.4	521	241	2	80	198
65 years and over	2,193	224	10.2	207	16	7.3	1,969	759	6	180	1,024
65 to 69 years	737	131	17.8	120	11	8.4	605	252	-	34	319
70 years and over	1,456	93	6.4	87	6	6.5	1,363	507	6	146	705
Men											
16 years and over	8,684	6,130	70.6	5,224	906	14.8	2,555	94	708	329	1,423
16 to 19 years	1,048	427	40.7	241	186	43.7	621	21	531	4	64
16 to 17 years	521	129	24.8	73	56	43.4	392	7	361	2	22
18 to 19 years	526	297	56.5	167	130	43.8	229	15	170	3	42
20 to 24 years	1,294	1,034	79.9	742	293	28.3	260	12	136	5	105
25 to 54 years	4,621	4,042	87.5	3,666	376	9.3	581	31	41	145	365
25 to 34 years	2,181	1,922	88.1	1,723	199	10.4	259	23	28	37	172
25 to 29 years	1,175	1,026	87.3	896	130	12.7	149	18	19	16	96
30 to 34 years	1,007	898	89.0	826	69	7.8	111	5	9	21	75
35 to 44 years	1,426	1,290	90.4	1,179	111	8.6	137	4	6	35	93
35 to 39 years	799	731	91.5	673	58	8.0	66	3	3	14	48
40 to 44 years	626	559	89.0	506	52	9.4	89	1	3	20	44
45 to 54 years	1,014	830	81.8	764	66	8.0	184	4	7	73	100
45 to 49 years	532	462	86.8	418	44	9.5	70	1	1	38	29
50 to 54 years	482	368	76.3	346	22	6.1	114	3	6	35	70
55 to 64 years	857	518	60.5	478	41	7.8	338	10	-	96	233
55 to 59 years	453	313	69.2	290	23	7.4	139	5	-	41	93
60 to 64 years	404	205	50.7	187	18	8.6	199	4	-	55	139
65 years and over	863	108	12.5	98	10	9.3	755	20	-	79	658
65 to 69 years	308	61	19.9	54	7	(¹)	246	2	-	18	226
70 years and over	555	47	8.4	44	3	(¹)	508	18	-	61	430
Women											
16 years and over	10,732	5,996	55.9	5,086	910	15.2	4,735	2,816	823	229	866
16 to 19 years	1,098	383	34.9	198	184	48.2	715	95	543	2	75
16 to 17 years	529	124	23.4	60	64	51.5	405	11	380	-	14
18 to 19 years	570	259	45.5	138	121	46.8	310	84	183	1	61
20 to 24 years	1,491	917	61.5	697	220	24.0	574	294	189	9	102
25 to 54 years	5,693	4,039	70.9	3,572	466	11.5	1,654	1,286	101	65	201
25 to 34 years	2,640	1,859	70.4	1,598	261	14.0	781	577	84	16	104
25 to 29 years	1,409	995	70.6	838	157	15.8	414	282	51	10	71
30 to 34 years	1,231	863	70.1	760	104	12.0	388	295	33	7	33
35 to 44 years	1,774	1,348	75.9	1,222	124	9.2	428	349	11	17	50
35 to 39 years	987	762	77.2	879	82	10.8	225	161	7	10	26
40 to 44 years	787	584	74.2	542	42	7.1	203	168	4	7	24
45 to 54 years	1,279 ¹	834	65.2	752	81	9.8	445	360	6	32	47
45 to 49 years	665	458	88.9	407	51	11.2	207	179	4	8	16
50 to 54 years	613	376	61.3	348	30	8.0	237	181	2	24	31
55 to 64 years	1,121	542	48.4	509	33	8.0	579	402	4	53	119
55 to 59 years	593	337	56.8	317	20	5.9	256	165	2	28	60
60 to 64 years	528	205	38.9	192	13	6.3	322	237	2	25	59
65 years and over	1,330	116	8.7	109	6	5.4	1,214	739	6	101	368
65 to 69 years	429	70	16.3	66	4	(¹)	359	250	-	18	93
70 years and over	901	46	5.1	43	3	(¹)	855	489	6	85	275

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

HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED

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

(Numbers in thousands)

Age and sex	September 1984								Not in labor force
	Civilian noninstitutional population	Civilian labor force						Percent of labor force	
		Total	Percent of population	Employed		Unemployed			
				Total	Agriculture	Nonagricultural industries	Number		
TOTAL									
16 years and over	24,292	15,314	63.0	13,220	265	12,955	2,094	13.7	8,978
16 to 19 years	2,564	972	37.9	579	20	559	393	40.5	1,592
16 to 17 years	1,271	314	24.7	183	6	176	131	41.8	957
18 to 19 years	1,293	658	50.9	396	13	383	262	39.8	635
20 to 24 years	3,397	2,360	69.5	1,787	33	1,754	574	24.3	1,036
25 to 54 years	13,314	10,385	78.0	9,373	147	9,226	1,011	9.7	2,931
25 to 34 years	6,213	4,815	77.5	4,281	57	4,224	534	11.1	1,398
25 to 29 years	3,300	2,530	76.7	2,210	37	2,173	319	12.6	770
30 to 34 years	2,913	1,256	43.1	2,071	19	2,050	216	17.2	628
35 to 44 years	4,228	3,471	82.1	3,182	49	3,133	289	8.3	758
35 to 39 years	2,373	1,959	82.6	1,778	31	1,746	182	9.3	414
40 to 44 years	1,856	1,512	81.5	1,405	17	1,387	107	7.1	344
45 to 54 years	2,873	2,098	73.0	1,911	42	1,869	188	8.9	775
45 to 49 years	1,500	1,165	77.7	1,043	28	1,017	122	10.5	335
50 to 54 years	1,373	934	68.0	868	16	852	66	7.1	439
55 to 64 years	2,485	1,333	53.6	1,236	48	1,188	97	7.3	1,153
55 to 59 years	1,322	823	62.2	760	24	735	63	7.7	499
60 to 64 years	1,184	510	43.8	476	23	453	34	6.6	654
65 years and over	2,532	265	10.5	245	18	227	19	7.3	2,267
65 to 69 years	848	152	17.9	138	8	130	14	9.2	696
70 years and over	1,683	112	6.7	107	9	98	11	9.8	1,571
Men									
16 years and over	11,020	7,891	71.6	8,821	212	6,609	1,070	13.6	3,128
16 to 19 years	1,265	512	40.5	313	17	295	200	39.0	753
16 to 17 years	634	159	25.1	98	8	92	61	38.6	475
18 to 19 years	631	353	56.0	215	12	203	138	39.2	278
20 to 24 years	1,593	1,258	79.0	932	17	915	326	25.9	335
25 to 54 years	6,036	5,308	87.9	4,829	127	4,703	479	9.0	729
25 to 34 years	2,849	2,501	87.8	2,257	51	2,206	244	9.8	349
25 to 29 years	1,522	1,314	86.3	1,168	34	1,132	147	11.2	208
30 to 34 years	1,328	1,187	89.4	1,091	17	1,073	97	8.1	141
35 to 44 years	1,909	1,733	90.8	1,592	42	1,550	142	8.2	175
35 to 39 years	1,089	977	91.3	894	26	868	83	8.5	93
40 to 44 years	840	757	90.1	698	15	683	59	7.8	83
45 to 54 years	1,278	1,074	84.0	981	34	947	93	8.6	204
45 to 49 years	675	600	88.9	538	21	517	62	10.3	75
50 to 54 years	603	474	78.6	443	13	430	31	6.5	129
55 to 64 years	1,110	678	61.0	625	35	590	53	7.8	433
55 to 59 years	587	407	69.3	373	17	356	34	8.5	180
60 to 64 years	523	270	51.7	252	18	234	18	6.7	253
65 years and over	1,015	135	13.3	122	16	108	13	9.7	880
65 to 69 years	354	72	20.4	62	7	55	10	(¹)	282
70 years and over	661	63	9.6	60	9	51	3	(¹)	598
Women									
16 years and over	13,273	7,423	55.9	6,399	53	6,346	1,024	13.8	5,850
16 to 19 years	1,299	480	35.4	266	2	264	194	42.1	839
16 to 17 years	638	155	24.3	85	1	84	70	45.2	483
18 to 19 years	681	304	46.1	181	2	179	124	40.6	357
20 to 24 years	1,804	1,102	61.1	855	16	839	247	22.5	702
25 to 54 years	7,278	5,077	69.8	4,544	20	4,523	532	10.5	2,202
25 to 34 years	3,363	2,314	68.8	2,024	6	2,018	290	12.5	1,049
25 to 29 years	1,778	1,216	68.4	1,044	3	1,041	172	14.1	562
30 to 34 years	1,585	1,098	69.3	980	2	977	119	10.8	487
35 to 44 years	2,320	1,737	74.9	1,590	7	1,583	147	8.5	582
35 to 39 years	1,304	982	75.4	884	5	878	99	10.1	321
40 to 44 years	1,018	755	74.3	707	2	705	48	6.4	281
45 to 54 years	1,595	1,025	64.3	930	7	922	95	9.3	570
45 to 49 years	825	565	68.5	505	5	500	60	10.6	260
50 to 54 years	770	460	59.7	425	3	422	35	7.6	310
55 to 64 years	1,375	655	47.6	611	13	598	44	6.7	720
55 to 59 years	734	415	56.5	387	7	379	29	8.9	319
60 to 64 years	641	240	37.4	224	6	219	16	6.5	401
65 years and over	1,516	129	8.5	123	2	121	6	4.8	1,387
65 to 69 years	494	80	16.1	76	1	75	4	4.7	414
70 years and over	1,022	49	4.8	47	-	47	3	(¹)	973

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-6. Employment status of the civilian noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
TOTAL								
Civilian noninstitutional population	174,602	176,763	75,115	76,451	84,333	85,688	15,154	14,624
Civilian labor force	112,197	113,843	58,954	60,003	45,467	46,255	7,776	7,586
Percent of population	64.3	64.4	78.5	78.5	53.9	54.0	51.3	51.9
Employed	102,366	105,792	54,444	56,554	41,847	43,120	6,075	6,118
Agriculture	3,542	3,545	2,587	2,559	643	655	312	330
Nonagricultural industries	98,825	102,247	51,857	53,995	41,204	42,465	5,764	5,788
Unemployed	9,830	8,051	4,510	3,449	3,620	3,135	1,700	1,467
Unemployment rate	8.8	7.1	7.6	5.7	8.0	6.8	21.9	19.3
Not in labor force	62,405	62,920	16,161	16,448	38,866	39,433	7,378	7,039
White								
Civilian noninstitutional population	151,021	152,471	65,693	66,696	72,830	73,714	12,498	12,060
Civilian labor force	97,485	98,529	51,829	52,624	38,816	39,292	6,840	6,613
Percent of population	64.6	64.6	78.9	78.9	53.3	53.3	54.7	54.8
Employed	90,158	92,573	48,343	50,046	36,203	36,988	5,611	5,539
Agriculture	3,231	3,280	2,344	2,364	595	605	292	311
Nonagricultural industries	86,927	89,293	45,999	47,681	35,609	36,383	5,319	5,229
Unemployed	7,327	5,956	3,486	2,578	2,612	2,304	1,229	1,074
Unemployment rate	7.5	6.0	6.7	4.9	6.7	5.9	18.0	16.2
Not in labor force	53,536	53,942	13,864	14,073	34,015	34,422	5,658	5,447
Black								
Civilian noninstitutional population	18,994	19,416	7,398	7,636	9,385	9,634	2,211	2,146
Civilian labor force	11,754	12,126	5,565	5,703	5,436	5,614	753	810
Percent of population	61.9	62.4	75.2	74.7	57.9	58.3	34.1	37.7
Employed	9,553	10,310	4,677	4,983	4,541	4,888	335	439
Agriculture	219	191	178	144	24	31	17	16
Nonagricultural industries	9,334	10,119	4,499	4,840	4,517	4,856	318	422
Unemployed	2,201	1,816	888	719	895	726	419	371
Unemployment rate	18.7	15.0	16.0	12.6	16.5	12.9	55.6	45.8
Not in labor force	7,241	7,290	1,834	1,934	3,949	4,020	1,458	1,336

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-7. Employment status of the civilian noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	September 1984								
	Total			White			Black		
	Both sexes	Men	Women	Both sexes	Men	Women	Both sexes	Men	Women
TOTAL									
Civilian noninstitutional population	22,596	11,221	11,375	18,674	9,326	9,349	3,259	1,569	1,690
Civilian labor force	13,353	6,919	6,434	11,537	5,968	5,569	1,502	797	705
Percent of population	59.1	61.7	56.6	61.8	64.0	59.6	46.1	50.8	41.7
Employed	11,149	5,759	5,389	9,972	5,159	4,813	911	471	440
Agriculture	487	402	86	460	383	77	22	14	8
Nonagricultural industries	10,661	5,357	5,304	9,512	4,775	4,736	888	456	432
Unemployed	2,204	1,160	1,045	1,565	809	756	591	326	265
Looking for full-time work	1,323	768	554	874	498	376	417	255	162
Looking for part-time work	881	391	490	690	311	380	175	72	103
Percent of labor force	16.5	16.8	16.2	13.6	13.6	13.6	39.4	40.9	37.6
Not in labor force	9,244	4,302	4,941	7,138	3,358	3,780	1,757	773	985
Major activity: Going to school									
Civilian noninstitutional population	11,053	5,669	5,384	9,104	4,692	4,412	1,583	778	805
Civilian labor force	3,859	1,969	1,890	3,447	1,770	1,677	324	156	167
Percent of population	34.9	34.7	35.1	37.9	37.7	38.0	20.4	20.1	20.8
Employed	3,096	1,588	1,509	2,861	1,472	1,390	164	82	82
Agriculture	136	114	22	135	113	22	1	1	-
Nonagricultural industries	2,960	1,473	1,487	2,727	1,359	1,368	163	81	82
Unemployed	763	382	381	586	298	288	159	74	85
Looking for full-time work	48	30	19	30	18	12	13	6	7
Looking for part-time work	715	352	363	556	280	276	147	68	79
Percent of labor force	19.8	19.4	20.2	17.0	16.8	17.2	49.3	47.4	50.9
Not in labor force	7,194	3,700	3,494	5,657	2,923	2,734	1,260	622	638
Major activity: Other									
Civilian noninstitutional population	11,544	5,552	5,992	9,570	4,633	4,937	1,676	792	884
Civilian labor force	9,494	4,949	4,544	8,089	4,198	3,892	1,179	641	538
Percent of population	82.2	89.1	75.8	84.5	90.6	78.8	70.3	80.9	60.8
Employed	8,053	4,172	3,881	7,110	3,687	3,424	747	389	358
Agriculture	352	288	64	325	270	55	22	14	8
Nonagricultural industries	7,701	3,884	3,817	6,785	3,417	3,368	725	375	350
Unemployed	1,441	778	663	979	511	468	432	252	180
Looking for full-time work	1,274	738	536	844	480	364	404	249	155
Looking for part-time work	167	39	127	135	31	104	28	3	25
Percent of labor force	15.2	15.7	14.6	12.1	12.2	12.0	36.7	39.3	33.4
Not in labor force	2,050	602	1,447	1,481	435	1,045	498	151	347

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-8. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Sept. 1983	Sept. 1984	Total		Employed		Unemployed			
			Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Number		Percent of labor force	
							Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
VETERANS										
Total, 25 years and over	7,853	7,922	7,350	7,453	6,867	7,080	483	373	6.6	5.0
25 to 39 years	5,781	5,414	5,536	5,241	5,137	4,950	399	291	7.2	5.6
25 to 29 years	635	433	596	417	527	371	69	46	11.6	11.0
30 to 34 years	2,063	1,639	1,959	1,589	1,810	1,499	149	90	7.6	5.7
35 to 39 years	3,083	3,342	2,981	3,235	2,800	3,080	181	155	6.1	4.8
40 years and over	2,072	2,508	1,814	2,212	1,730	2,130	84	82	4.6	3.7
NONVETERANS										
Total, 25 to 39 years	20,223	21,331	19,070	20,175	17,522	19,140	1,548	1,035	8.1	5.1
25 to 29 years	8,751	9,010	8,211	8,450	7,471	7,991	740	459	9.0	5.4
30 to 34 years	6,902	7,518	6,532	7,168	6,071	6,835	461	333	7.1	4.6
35 to 39 years	4,570	4,803	4,327	4,557	3,980	4,314	347	243	8.0	5.3

NOTE: Male Vietnam-era veterans are those 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 25 to 39 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. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	September 1984								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full-time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Total, 16 years and over	97,788	85,997	5,390	6,401	6.5	16,055	14,405	1,649	10.3
16 to 19 years	3,628	2,309	583	736	20.3	3,957	3,226	731	18.5
16 to 17 years	482	254	103	125	26.0	2,452	1,973	479	19.5
18 to 19 years	3,147	2,055	481	611	19.4	1,506	1,253	252	16.8
20 years and over	94,160	83,689	4,806	5,665	6.0	12,097	11,179	918	7.6
20 to 24 years	13,546	10,891	1,185	1,471	10.9	2,370	2,100	270	11.4
25 years and over	80,614	72,799	3,621	4,194	5.2	9,727	9,079	648	6.7
25 to 54 years	68,583	61,866	2,983	3,733	5.4	6,705	6,191	514	7.7
55 years and over	12,032	10,933	638	460	3.8	3,022	2,888	134	4.4
Men, 16 years and over	58,841	52,855	2,370	3,616	6.1	5,070	4,490	581	11.5
16 to 19 years	1,986	1,309	260	418	21.0	1,922	1,592	330	17.2
20 years and over	56,854	51,546	2,110	3,198	5.6	3,148	2,898	250	8.0
20 to 24 years	7,481	6,050	584	846	11.3	1,027	918	109	10.6
25 years and over	49,374	45,495	1,526	2,352	4.8	2,121	1,979	141	6.6
25 to 54 years	41,674	38,348	1,277	2,049	4.9	900	829	71	7.9
55 years and over	7,700	7,147	249	303	3.9	1,221	1,150	70	5.7
Women, 16 years and over	38,948	33,143	3,020	2,785	7.2	10,984	9,915	1,069	9.7
16 to 19 years	1,642	1,000	324	318	19.4	2,035	1,634	401	19.7
20 years and over	37,306	32,143	2,696	2,467	6.6	8,949	8,281	668	7.5
20 to 24 years	6,066	4,840	600	625	10.3	1,343	1,182	161	12.0
25 years and over	31,241	27,302	2,096	1,842	5.9	7,606	7,099	507	6.7
25 to 54 years	26,908	23,517	1,707	1,684	6.3	5,805	5,362	444	7.6
55 years and over	4,332	3,785	389	158	3.6	1,801	1,737	64	3.6
White									
Men, 16 years and over	51,553	47,002	1,887	2,664	5.2	4,467	4,004	463	10.4
16 to 19 years	1,686	1,178	221	286	17.0	1,710	1,448	262	15.3
20 years and over	49,867	45,824	1,665	2,378	4.8	2,757	2,556	200	7.3
20 to 24 years	6,371	5,372	454	544	8.5	879	794	85	9.6
25 years and over	43,496	40,452	1,211	1,833	4.2	1,878	1,762	116	6.2
25 to 54 years	36,511	33,934	993	1,585	4.3	755	699	57	7.5
55 years and over	6,985	6,518	219	248	3.6	1,123	1,063	59	5.3
Women, 16 years and over	32,618	28,172	2,478	1,967	6.0	9,892	9,029	863	8.7
16 to 19 years	1,409	922	274	213	15.1	1,808	1,495	313	17.3
20 years and over	31,208	27,250	2,204	1,755	5.6	8,084	7,534	550	6.8
20 to 24 years	5,164	4,250	495	420	8.1	1,142	1,024	118	10.3
25 years and over	26,043	23,000	1,709	1,335	5.1	6,942	6,510	431	6.2
25 to 54 years	22,293	19,681	1,398	1,215	5.5	5,344	4,963	381	7.1
55 years and over	3,750	3,320	311	120	3.2	1,598	1,547	51	3.2
Black									
Men, 16 years and over	5,685	4,464	411	810	14.2	444	348	96	21.6
16 to 19 years	260	104	31	125	48.1	167	106	62	36.8
20 years and over	5,426	4,360	380	685	12.6	277	243	34	12.4
20 to 24 years	931	548	108	275	29.5	103	85	18	17.5
25 years and over	4,495	3,811	272	411	9.1	173	158	15	8.7
25 to 54 years	3,948	3,325	251	371	9.4	94	89	5	5.3
55 years and over	547	486	21	40	7.3	79	69	10	12.7
Women, 16 years and over	5,123	3,945	453	725	14.2	873	688	185	21.2
16 to 19 years	202	58	43	101	50.1	181	97	83	46.1
20 years and over	4,921	3,887	410	624	12.7	693	591	102	14.7
20 to 24 years	766	490	94	182	23.7	152	113	39	25.7
25 years and over	4,156	3,398	316	425	10.2	541	478	63	11.6
25 to 54 years	3,687	3,013	258	415	11.3	352	301	51	14.5
55 years and over	469	385	58	10	2.2	189	177	12	6.3

¹ Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Family relationship	September 1984									
	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	94,077	64.9	87,331	6,746	7.2	50,958	25,204	8,269	2,107	15,375
Husbands	39,640	79.3	38,132	1,508	3.8	10,339	196	161	905	9,077
With employed wife	23,220	92.1	22,454	767	3.3	2,002	62	84	311	1,546
With unemployed wife	1,388	92.0	1,230	158	11.4	120	7	6	35	72
With wife not in labor force	15,032	64.7	14,448	584	3.9	8,216	127	70	559	7,460
Wives	26,731	53.5	25,223	1,508	5.6	23,248	20,162	356	319	2,411
With employed husband	23,684	62.1	22,454	1,230	5.2	14,448	13,161	299	91	896
With unemployed husband	924	61.3	767	158	17.1	584	510	15	15	44
With husband not in labor force	2,123	20.5	2,002	120	5.7	8,216	6,491	41	213	1,471
Relatives in married-couple families	13,373	61.5	11,582	1,791	13.4	8,355	854	5,707	335	1,458
16 to 19 years	4,994	51.1	4,197	798	16.0	4,779	95	4,332	15	336
20 to 24 years	5,299	75.2	4,672	627	11.8	1,751	148	1,231	37	335
25 years and over	3,080	62.8	2,713	366	11.9	1,825	611	144	283	787
Women who maintain families	5,954	61.1	5,355	599	10.1	3,783	2,836	134	158	654
Relatives in families maintained by women	5,147	58.3	4,152	995	19.3	3,682	792	1,598	242	1,049
16 to 19 years	1,294	46.1	881	413	31.9	1,511	80	1,211	2	217
20 to 24 years	1,643	72.4	1,334	309	18.8	627	126	305	22	174
25 years and over	2,210	58.9	1,937	273	12.4	1,544	586	82	218	658
Men who maintain families	1,685	74.3	1,566	119	7.1	584	30	37	59	458
Relatives in families maintained by men	1,547	61.5	1,321	226	14.6	967	334	276	89	268
16 to 19 years	295	53.2	218	77	26.1	259	19	205	1	34
20 to 24 years	472	78.7	399	73	15.5	128	44	61	2	21
25 years and over	780	57.3	704	76	9.7	580	271	10	86	213

¹ Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

NOTE: Because of new estimation techniques introduced in January 1984, these data are not comparable with those for earlier years. Moreover, estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in

other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data. Corrected August 1984 data for total persons in families for the civilian labor force; percent of population; employed; unemployed; percent of labor force; total not in labor force; keeping house; going to school; unable to work; and other reasons are 95,459; 65.8; 88,397; 7.062; 7.4; 49,698; 25,526; 1,481; 2,106; and 20,583, respectively.

A-11. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
Total, 16 years and over	5,408	4,197	8.6	6.6	4,422	3,854	9.0	7.7
Married, spouse present	2,140	1,657	5.2	4.0	1,869	1,638	6.9	5.9
Widowed, divorced, or separated	676	473	11.6	8.1	895	784	9.5	8.1
Single (never married)	2,593	2,067	15.9	12.3	1,657	1,432	13.2	11.4
White, 16 years and over	4,123	3,126	7.4	5.6	3,204	2,830	7.6	6.7
Married, spouse present	1,773	1,359	4.8	3.7	1,573	1,389	6.5	5.6
Widowed, divorced, or separated	503	360	10.4	7.4	615	526	8.1	6.9
Single (never married)	1,848	1,408	13.5	10.0	1,015	916	9.9	9.0
Black, 16 years and over	1,113	906	18.7	14.8	1,088	910	18.8	15.2
Married, spouse present	291	215	9.7	7.0	233	194	10.5	8.8
Widowed, divorced, or separated	155	99	18.1	11.8	252	238	15.4	13.2
Single (never married)	668	592	31.6	26.5	603	478	31.3	23.9
Total, 25 years and over	3,351	2,494	6.6	4.8	2,655	2,349	7.0	6.0
Married, spouse present	1,939	1,473	5.0	3.8	1,520	1,306	6.3	5.3
Widowed, divorced, or separated	637	439	11.5	7.8	765	706	8.6	7.7
Single (never married)	775	581	12.1	8.3	371	337	7.8	7.0
White, 25 years and over	2,603	1,949	5.8	4.3	1,950	1,766	6.0	5.4
Married, spouse present	1,585	1,213	4.6	3.5	1,268	1,110	5.9	5.0
Widowed, divorced, or separated	467	337	10.2	7.2	513	471	7.1	6.5
Single (never married)	550	398	10.5	7.0	168	185	4.6	5.0
Black, 25 years and over	634	427	13.8	9.1	616	506	13.5	10.8
Married, spouse present	284	185	10.0	6.5	196	149	9.6	7.5
Widowed, divorced, or separated	149	88	17.9	10.9	231	216	14.5	12.3
Single (never married)	201	153	21.9	15.4	189	139	20.4	14.5

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
Total, 16 years and over	9,830	8,051	8.8	7.1	8.6	6.6	9.0	7.7
Managerial and professional specialty	782	709	3.2	2.8	3.0	2.5	3.5	3.1
Executive, administrative, and managerial	382	318	3.4	2.6	2.9	2.5	4.3	3.0
Professional specialty	399	392	3.0	2.9	3.0	2.6	3.0	3.2
Technical, sales, and administrative support	1,986	1,721	5.9	5.0	4.6	3.5	6.6	5.8
Technicians and related support	154	65	4.8	2.0	5.1	1.7	4.6	2.4
Sales occupations	762	716	6.0	5.4	3.7	3.5	8.3	7.3
Administrative support, including clerical	1,070	939	6.1	5.3	5.9	4.5	6.1	5.5
Service occupations	1,712	1,373	10.8	8.9	11.0	9.0	10.7	8.9
Private household	77	70	7.2	6.9	(¹)	(¹)	7.0	6.7
Protective service	118	93	6.7	5.3	5.9	5.4	10.8	4.6
Service, except private household and protective	1,517	1,210	11.7	9.6	12.6	10.2	11.2	9.3
Precision production, craft, and repair	1,236	863	8.9	6.2	8.7	6.0	10.9	8.2
Mechanics and repairers	296	176	6.4	3.8	6.4	3.8	8.3	5.3
Construction trades	563	471	11.2	9.2	11.1	9.1	19.7	12.6
Other precision production, craft, and repair	378	217	8.7	5.1	8.1	4.1	10.6	8.2
Operators, fabricators, and laborers	2,472	1,959	13.2	10.2	12.9	9.4	14.0	12.4
Machine operators, assemblers, and inspectors	1,168	844	12.9	9.6	12.0	7.8	14.1	11.9
Transportation and material moving occupations	477	407	10.0	8.0	10.0	7.6	10.0	12.2
Handlers, equipment cleaners, helpers, and laborers	828	708	17.0	13.3	17.3	13.2	15.4	14.2
Construction laborers	161	139	21.4	15.0	20.9	14.5	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	666	569	16.2	13.0	16.5	12.8	14.8	13.6
Farming, forestry, and fishing	344	307	8.2	7.4	8.0	7.1	9.2	8.6
No previous work experience	1,225	1,053	-	-	-	-	-	-
16 to 19 years	822	672	-	-	-	-	-	-
20 to 24 years	263	271	-	-	-	-	-	-
25 years and over	141	113	-	-	-	-	-	-

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

A-13. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
Total, 16 years and over	9,830	8,051	8.8	7.1	8.6	6.6	9.0	7.7
Nonagricultural private wage and salary workers	7,263	5,830	8.8	6.9	8.9	6.6	8.6	7.3
Mining	146	82	14.4	7.3	16.0	7.9	7.3	4.5
Construction	781	625	14.3	10.9	14.4	11.1	12.5	8.5
Manufacturing	2,051	1,551	9.5	7.0	8.8	5.9	10.7	9.2
Durable goods	1,297	876	10.2	6.6	9.9	6.2	11.0	7.5
Lumber and wood products	67	50	9.8	6.6	9.1	6.7	15.1	6.2
Furniture and fixtures	63	60	11.6	10.5	11.6	9.9	11.6	11.9
Stone, clay, and glass products	51	45	8.7	7.0	9.6	6.4	6.1	9.0
Primary metal industries	160	128	16.4	12.5	16.0	12.7	19.3	11.1
Fabricated metal products	194	117	13.2	8.8	13.6	9.7	11.8	5.9
Machinery, except electrical	254	120	9.8	4.2	9.6	3.7	10.7	5.7
Electrical machinery, equipment, and supplies	169	136	7.2	5.4	5.0	3.5	9.9	7.7
Transportation equipment	225	154	9.4	6.1	9.2	5.7	10.3	7.7
Automobiles	111	108	9.8	8.4	8.7	7.5	14.9	12.2
Other transportation equipment	114	46	9.1	3.7	9.7	3.8	6.4	3.3
Professional and photographic equipment	44	30	6.6	4.7	5.1	3.6	8.8	6.4
Other durable goods industries	71	35	14.4	7.4	12.8	6.9	15.8	8.1
Nondurable goods	754	675	8.5	7.7	6.9	5.2	10.5	10.9
Food and kindred products	191	211	10.3	10.8	8.2	7.9	14.6	17.0
Textile mill products	65	56	8.3	7.7	5.8	4.3	10.7	10.9
Apparel and other textile products	122	149	9.2	11.2	10.0	8.0	9.0	11.9
Paper and allied products	40	38	5.7	6.0	3.6	3.8	12.1	12.3
Printing and publishing	120	76	7.2	4.4	7.1	2.9	7.4	6.4
Chemicals and allied products	68	36	5.8	3.3	5.1	2.8	7.3	4.2
Rubber and miscellaneous plastics products	77	63	9.6	8.0	7.0	5.9	14.4	12.7
Other nondurable goods industries	71	44	11.6	9.1	9.6	7.5	15.2	11.7
Transportation and public utilities	372	335	6.6	5.5	7.2	5.7	4.7	4.9
Transportation	293	251	7.5	5.9	8.2	6.2	5.1	4.9
Communications and other public utilities	79	84	3.1	3.2	3.0	2.8	3.3	3.8
Wholesale and retail trade	1,940	1,668	9.1	7.7	7.7	6.4	10.6	9.2
Wholesale trade	282	193	6.4	4.9	5.6	4.1	8.5	7.0
Retail trade	1,658	1,475	9.8	8.4	8.6	7.2	10.8	9.5
Finance, insurance, and real estate	294	217	4.8	3.5	4.4	3.7	5.0	3.4
Service industries	1,678	1,354	7.9	6.3	8.7	6.5	7.4	6.3
Professional services	699	533	5.7	4.4	5.8	3.8	5.7	4.7
Other service industries	979	821	10.8	8.9	11.2	8.6	10.5	9.1
Agricultural wage and salary workers	259	228	13.1	11.8	12.8	10.3	14.4	16.9
Government, self-employed, and unpaid family workers	1,082	939	4.1	3.5	3.7	3.2	4.5	3.9
No previous work experience	1,225	1,053	-	-	-	-	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Reason for unemployment	Total unemployed		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
NUMBER OF UNEMPLOYED												
Total unemployed	9,830	8,051	4,510	3,449	3,620	3,135	1,700	1,467	7,327	5,956	2,201	1,816
Job losers	5,270	3,744	3,321	2,282	1,613	1,208	336	254	3,973	2,818	1,257	903
On layoff	1,265	913	807	525	419	330	39	58	1,066	743	166	146
Other job losers	4,005	2,831	2,514	1,757	1,194	878	297	196	2,907	2,075	1,092	757
Job leavers	941	933	390	322	432	461	119	150	778	766	20	24
Reentrants	2,393	2,323	663	692	1,308	1,238	422	393	1,748	1,742	579	508
New entrants	1,226	1,051	136	152	268	228	822	671	828	631	345	382
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	53.6	46.5	73.6	66.2	44.9	38.5	19.8	17.3	54.2	47.3	57.1	49.7
On layoff	12.9	11.3	17.9	15.2	11.8	10.5	2.3	4.0	14.5	12.5	7.5	8.0
Other job losers	40.7	35.2	55.7	51.0	33.3	28.0	17.5	13.3	39.7	34.8	49.6	41.7
Job leavers	9.6	11.6	8.6	9.4	11.9	14.7	7.0	10.2	10.6	12.9	.9	1.3
Reentrants	24.3	28.9	14.7	20.1	36.1	39.5	24.8	26.8	23.9	29.2	26.3	28.0
New entrants	12.5	13.1	3.0	4.4	7.4	7.3	48.4	45.7	11.3	10.6	15.7	21.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	4.7	3.3	5.7	3.8	3.5	2.6	4.3	3.4	4.1	2.9	10.7	7.4
Job leavers .....	.8	.8	.7	.5	1.0	1.0	1.5	2.0	.8	.8	.2	.2
Reentrants	2.1	2.0	1.1	1.2	2.9	2.7	5.4	5.2	1.8	1.8	4.9	4.2
New entrants	1.1	.9	.2	.3	.6	.5	10.6	8.8	.8	.6	2.9	3.1

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

(Percent distribution)

Reason, sex, and age	September 1984						
	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	8,051	100.0	43.4	28.8	27.8	11.0	16.8
Job losers	3,744	100.0	35.4	27.9	36.7	13.8	23.0
On layoff	913	100.0	48.5	27.3	24.2	10.7	13.5
Other job losers	2,831	100.0	31.2	28.1	40.8	14.7	26.0
Job leavers	933	100.0	51.0	30.0	19.0	9.1	9.8
Reentrants	2,323	100.0	52.4	28.7	19.0	7.3	11.7
New entrants	1,051	100.0	45.3	31.3	23.5	10.8	12.7
Men, 20 years and over	3,449	100.0	35.5	28.0	36.5	12.1	24.4
Job losers	2,282	100.0	32.1	26.5	41.5	13.6	27.8
On layoff	525	100.0	46.6	26.8	26.6	8.7	17.8
Other job losers	1,757	100.0	27.7	26.4	45.9	15.1	30.8
Job leavers	322	100.0	46.5	33.9	19.6	7.4	12.3
Reentrants	692	100.0	43.9	29.4	26.7	8.4	18.3
New entrants	152	100.0	26.4	31.5	42.1	15.8	26.3
Women, 20 years and over	3,135	100.0	46.2	29.3	24.5	11.4	13.1
Job losers	1,208	100.0	37.1	30.0	32.9	15.7	17.2
On layoff	330	100.0	46.8	29.3	23.8	14.9	8.9
Other job losers	878	100.0	33.4	30.2	36.4	16.0	20.4
Job leavers	461	100.0	47.8	32.7	19.5	11.2	8.3
Reentrants	1,238	100.0	53.5	27.6	18.9	8.1	10.8
New entrants	228	100.0	51.7	28.6	19.7	6.9	12.8
Both sexes, 16 to 19 years	1,467	100.0	55.9	29.6	14.6	7.4	7.2
Job losers	254	100.0	57.5	30.3	12.2	5.6	6.7
On layoff	58	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	196	100.0	52.2	33.5	14.3	5.7	8.6
Job leavers	150	100.0	70.7	13.6	15.7	6.6	9.2
Reentrants	393	100.0	63.8	30.8	5.5	2.7	2.7
New entrants	671	100.0	47.4	32.1	20.5	11.0	9.6

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

A-16. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
	Total, 16 years and over	9,830	8,051	100.0	100.0	8,055	6,401	100.0
Less than 5 weeks	3,936	3,493	40.0	43.4	2,760	2,436	34.3	38.1
5 to 14 weeks	2,537	2,318	25.8	28.8	2,164	1,928	26.9	30.1
5 to 10 weeks	1,728	1,663	17.6	20.7	1,473	1,402	18.3	21.9
11 to 14 weeks	809	655	8.2	8.1	691	526	8.6	8.2
15 weeks and over	3,357	2,239	34.2	27.8	3,131	2,037	38.9	31.8
15 to 26 weeks	1,118	883	11.4	11.0	1,001	779	12.4	12.2
27 weeks and over	2,240	1,356	22.8	16.8	2,130	1,258	26.4	19.7
27 to 51 weeks	845	480	8.6	6.0	809	446	10.0	7.0
52 weeks and over	1,394	877	14.2	10.9	1,321	812	16.4	12.7
Average (mean) duration, in weeks	19.4	16.4	-	-	21.8	18.5	-	-
Median duration, in weeks	8.2	6.6	-	-	10.1	8.1	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
	September 1984										
Total, 16 years and over	8,051	3,493	2,318	883	1,356	16.4	6.6	40.0	43.4	34.2	27.8
16 to 19 years	1,467	820	434	108	105	9.5	4.5	52.0	55.9	16.8	14.6
20 to 24 years	1,740	760	589	184	208	13.5	6.3	45.5	43.7	29.0	22.5
25 to 34 years	2,095	896	604	237	358	16.8	6.7	36.9	42.8	37.4	28.4
35 to 44 years	1,372	549	368	152	303	19.5	7.9	32.1	40.0	43.2	33.1
45 to 54 years	781	280	210	90	200	21.5	9.4	29.3	35.9	45.8	37.2
55 to 64 years	497	143	96	101	157	27.8	16.2	34.6	28.8	47.1	52.0
65 years and over	98	45	16	11	25	22.8	7.5	57.9	46.1	26.5	37.1
Men, 16 years and over	4,197	1,605	1,204	481	907	19.7	8.0	34.2	38.2	40.6	33.1
16 to 19 years	1,467	820	434	108	105	10.6	4.9	48.1	50.7	19.5	17.4
20 to 24 years	955	370	328	112	145	15.8	7.0	41.9	38.7	35.1	26.9
25 to 34 years	1,022	365	299	115	243	21.4	8.8	28.4	35.7	46.7	35.1
35 to 44 years	696	221	190	73	211	25.1	10.1	27.1	31.8	47.2	40.8
45 to 54 years	402	145	92	47	118	24.1	9.8	21.8	36.0	54.4	41.0
55 to 64 years	318	96	50	63	109	29.4	17.5	28.7	30.1	52.5	54.2
65 years and over	56	28	6	6	14	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,854	1,888	1,114	402	450	12.8	5.3	47.2	49.0	26.3	22.1
16 to 19 years	719	441	195	44	40	8.4	4.1	56.3	61.3	13.9	11.6
20 to 24 years	785	390	261	72	62	10.8	5.1	49.8	49.7	21.6	17.1
25 to 34 years	1,073	531	306	121	115	12.4	5.1	47.1	49.5	26.3	22.0
35 to 44 years	676	327	178	79	92	13.7	5.5	38.1	48.4	38.3	25.2
45 to 54 years	379	135	118	43	82	18.7	9.1	39.2	35.7	34.5	33.1
55 to 64 years	179	47	46	38	48	25.0	14.3	44.6	26.5	38.0	48.0
65 years and over	42	17	10	5	10	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	5,956	2,689	1,678	643	946	15.7	6.2	41.2	45.1	33.6	26.7
Men	3,126	1,234	870	366	657	19.3	7.8	35.1	39.5	40.3	32.7
Women	2,830	1,456	808	277	290	11.7	4.9	49.1	51.4	25.0	20.0
Black, 16 years and over	1,816	681	548	206	381	19.4	7.2	35.9	37.5	36.9	32.3
Men	906	299	287	91	229	22.2	8.0	29.8	33.0	43.6	35.3
Women	910	382	261	115	152	16.5	6.4	42.0	42.0	30.1	29.3
Men, 16 years and over:											
Married, spouse present	1,657	552	437	212	456	23.4	9.7	29.4	33.3	46.1	40.3
Widowed, divorced, or separated	473	150	127	74	122	24.5	10.8	30.9	31.8	48.2	41.4
Single (never married)	2,067	902	640	195	329	15.7	6.4	38.9	43.7	34.0	25.4
Women, 16 years and over:											
Married, spouse present	1,638	792	491	182	173	12.0	5.4	46.8	48.3	28.6	21.7
Widowed, divorced, or separated	784	331	217	86	150	17.8	7.4	42.1	42.3	30.8	30.1
Single (never married)	1,432	765	407	134	126	11.1	4.7	50.4	53.4	21.3	18.1

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
	September 1984										
OCCUPATION											
Managerial and professional specialty	709	276	239	85	110	16.0	7.5	38.1	38.8	37.4	27.5
Technical, sales, and administrative support	1,721	860	454	160	246	13.7	5.0	43.5	50.0	32.5	23.6
Service occupations	1,373	597	422	125	230	16.1	6.6	47.1	43.5	27.2	25.8
Precision production, craft, and repair	863	344	211	117	191	19.3	8.6	33.2	39.9	41.8	35.7
Operators, fabricators, and laborers	1,959	737	570	253	399	19.5	7.9	31.8	37.6	44.1	33.3
Farming, forestry, and fishing	307	172	81	23	31	11.6	4.5	48.1	55.9	22.6	17.7
INDUSTRY¹											
Agriculture	228	115	60	15	38	13.5	4.9	44.7	50.5	25.3	23.1
Construction	657	285	162	86	123	17.1	6.6	37.6	43.4	34.7	31.9
Manufacturing	1,554	577	421	206	351	21.3	8.6	27.5	37.1	48.0	35.8
Durable goods	878	299	231	112	236	24.9	9.9	25.0	34.1	52.3	39.6
Nondurable goods	676	277	190	94	114	16.6	7.2	31.9	41.0	40.7	30.9
Transportation and public utilities	378	145	99	40	93	20.6	8.1	37.5	38.4	41.0	35.3
Wholesale and retail trade	1,681	785	493	176	226	13.4	5.7	43.1	46.7	31.9	23.9
Finance and service industries	1,998	892	588	215	302	15.3	6.4	44.5	44.6	30.4	25.9
Public administration	284	122	97	20	45	15.8	6.4	40.1	43.1	32.9	22.8
No previous work experience	1,053	478	328	113	133	14.7	6.3	47.9	45.4	20.3	23.4

¹ Includes wage and salary workers only.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, and race	September 1984								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	8,051	6,956	21.1	6.0	76.2	35.1	16.4	4.2	1.59
16 to 19 years	1,467	1,384	11.6	2.6	81.0	27.2	15.4	3.1	1.41
20 to 24 years	1,740	1,588	21.9	6.7	77.4	36.1	14.3	3.7	1.60
25 to 34 years	2,095	1,723	24.6	6.8	75.2	36.7	16.3	4.9	1.64
35 to 44 years	1,372	1,122	27.4	6.7	72.7	39.4	18.8	3.1	1.68
45 to 54 years	781	651	20.4	7.2	75.9	39.8	18.1	4.1	1.66
55 to 64 years	497	408	21.6	7.6	73.5	32.8	17.9	9.1	1.62
65 years and over	98	80	5.0	1.2	58.7	32.5	27.5	7.5	1.32
Men, 16 years and over	4,197	3,548	22.8	6.8	78.2	32.4	19.6	4.8	1.64
16 to 19 years	748	691	12.4	3.2	81.9	23.6	18.2	1.9	1.41
20 to 24 years	955	869	23.5	7.1	81.0	32.0	16.2	3.6	1.63
25 to 34 years	1,022	806	27.9	8.2	77.3	35.7	20.5	5.7	1.75
35 to 44 years	696	543	29.7	7.6	75.7	36.5	21.7	4.2	1.75
45 to 54 years	402	334	23.7	9.9	74.9	37.4	23.4	6.3	1.75
55 to 64 years	318	257	19.5	5.8	74.7	30.4	19.1	11.7	1.61
65 years and over	56	48	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,854	3,407	19.3	5.1	74.2	38.0	13.2	3.6	1.53
16 to 19 years	719	693	10.8	2.0	80.1	30.9	12.6	4.2	1.41
20 to 24 years	785	719	20.0	6.3	73.0	41.0	11.8	3.9	1.56
25 to 34 years	1,073	916	21.7	5.7	73.4	37.8	12.6	4.1	1.55
35 to 44 years	676	579	25.4	5.9	69.8	42.1	16.1	2.1	1.61
45 to 54 years	379	317	17.0	4.4	76.7	42.0	12.3	1.6	1.54
55 to 64 years	179	151	24.5	10.6	71.5	37.1	15.9	4.6	1.64
65 years and over	42	32	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	5,956	5,046	19.9	6.0	77.2	36.8	15.6	4.3	1.60
Men	3,126	2,603	22.4	6.6	79.6	34.0	19.7	4.9	1.67
Women	2,830	2,443	17.2	5.5	74.5	39.7	11.2	3.5	1.52
Black, 16 years and over	1,816	1,663	25.6	6.0	74.3	19.0	30.8	3.7	1.59
Men	906	809	25.7	7.8	75.6	19.7	25.3	3.5	1.58
Women	910	855	25.5	4.2	73.0	18.2	35.9	4.0	1.61

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

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

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

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

Sex and reason	September 1984								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	8,051	6,956	21.1	6.0	76.2	35.1	16.4	4.2	1.59
Job losers ¹	3,744	2,815	27.4	8.0	79.1	36.6	18.2	3.9	1.73
Job leavers	933	925	20.0	5.6	76.6	38.2	15.9	3.7	1.60
Reentrants	2,323	2,178	16.6	3.9	71.4	34.7	13.6	5.0	1.45
New entrants	1,051	1,037	14.5	4.9	78.0	29.2	17.9	3.9	1.48
Men, 16 years and over	4,197	3,548	22.8	6.8	78.2	32.4	19.6	4.8	1.64
Job losers ¹	2,442	1,882	28.4	8.2	79.9	32.9	20.1	4.7	1.74
Job leavers	398	398	19.1	6.0	76.4	37.4	20.9	2.3	1.62
Reentrants	896	813	15.6	4.3	73.3	31.5	15.4	8.0	1.48
New entrants	461	455	16.0	5.9	81.3	26.8	23.7	1.3	1.55
Women, 16 years and over	3,854	3,407	19.3	5.1	74.2	38.0	13.2	3.6	1.53
Job losers ¹	1,301	933	25.3	7.5	77.6	44.1	14.4	2.0	1.71
Job leavers	535	527	20.7	5.3	76.7	38.7	12.3	4.7	1.58
Reentrants	1,427	1,366	17.1	3.9	70.4	36.5	12.7	3.1	1.44
New entrants	590	582	13.2	4.1	75.4	31.3	13.2	5.8	1.43

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry and age	Total		Men		Women	
	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
All industries	102,366	105,792	57,609	59,714	44,758	46,078
16 to 19 years	6,075	6,118	3,165	3,160	2,910	2,958
16 to 17 years	2,170	2,329	1,110	1,212	1,060	1,117
18 to 19 years	3,905	3,789	2,055	1,948	1,850	1,841
20 to 24 years	13,887	14,176	7,324	7,553	6,563	6,623
25 to 54 years	67,857	71,040	38,522	40,454	29,335	30,586
25 to 34 years	29,333	30,884	16,575	17,605	12,758	13,279
35 to 44 years	22,427	23,908	12,686	13,472	9,740	10,436
45 to 54 years	16,097	16,248	9,261	9,377	6,836	6,870
55 to 64 years	11,454	11,503	6,744	6,747	4,710	4,757
55 to 59 years	6,929	6,925	4,127	4,063	2,803	2,862
60 to 64 years	4,525	4,579	2,618	2,684	1,907	1,895
65 years and over	3,093	2,955	1,853	1,800	1,239	1,155
Agriculture	3,542	3,545	2,845	2,827	696	718
16 to 19 years	312	330	258	268	53	63
16 to 17 years	120	169	100	133	20	36
18 to 19 years	192	162	159	135	33	27
20 to 24 years	503	415	425	328	79	87
25 to 54 years	1,877	1,931	1,459	1,513	419	419
25 to 34 years	817	830	663	700	154	130
35 to 44 years	547	569	433	419	115	151
45 to 54 years	512	531	362	394	150	137
55 to 64 years	545	550	430	448	114	103
55 to 59 years	286	292	227	226	58	65
60 to 64 years	259	258	203	221	56	37
65 years and over	305	319	274	271	31	48
Nonagricultural industries	98,825	102,247	54,764	56,886	44,061	45,360
16 to 19 years	5,764	5,788	2,907	2,893	2,857	2,895
16 to 17 years	2,050	2,161	1,010	1,079	1,040	1,081
18 to 19 years	3,714	3,627	1,896	1,813	1,817	1,814
20 to 24 years	13,384	13,761	6,900	7,225	6,484	6,536
25 to 54 years	65,980	69,109	37,064	38,942	28,917	30,167
25 to 34 years	28,516	30,054	15,911	16,905	12,605	13,149
35 to 44 years	21,880	23,339	12,254	13,053	9,626	10,286
45 to 54 years	15,585	15,717	8,899	8,984	6,686	6,733
55 to 64 years	10,910	10,953	6,314	6,299	4,596	4,654
55 to 59 years	6,644	6,633	3,899	3,836	2,744	2,797
60 to 64 years	4,266	4,320	2,415	2,463	1,851	1,857
65 years and over	2,788	2,636	1,579	1,529	1,208	1,107

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-22. Employed civilians by occupation, sex, and age

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
Total	102,366	105,792	57,609	59,714	54,444	56,554	44,758	46,078	41,847	43,120
Managerial and professional specialty	23,865	24,863	14,008	14,547	13,944	14,468	9,857	10,317	9,797	10,231
Executive, administrative, and managerial	10,948	11,677	7,357	7,733	7,327	7,692	3,590	3,944	3,566	3,912
Officials and administrators, public administration	501	527	328	330	328	329	174	197	174	197
Other executive, administrative, and managerial	7,350	7,962	5,194	5,619	5,173	5,578	2,156	2,343	2,135	2,322
Management-related occupations	3,096	3,188	1,836	1,784	1,827	1,785	1,261	1,404	1,257	1,393
Professional specialty	12,918	13,186	6,651	6,814	6,616	6,776	6,267	6,372	6,231	6,319
Engineers	1,552	1,668	1,452	1,547	1,451	1,546	100	120	100	116
Mathematical and computer scientists	487	431	368	280	368	276	119	152	119	152
Natural scientists	347	372	273	305	274	305	74	66	74	66
Health diagnosing occupations	712	813	610	719	610	719	102	94	99	94
Health assessment and treating occupations	1,974	1,861	272	238	272	238	1,703	1,623	1,699	1,618
Teachers, college and university	667	630	435	398	433	398	232	232	233	231
Teachers, except college and university	3,353	3,411	1,004	956	993	953	2,349	2,455	2,335	2,434
Lawyers and judges	646	677	536	555	535	555	110	122	110	122
Other professional specialty occupations	3,178	3,325	1,701	1,816	1,681	1,786	1,477	1,509	1,461	1,487
Technical, sales, and administrative support	31,610	32,642	11,278	11,714	10,721	11,195	20,333	20,928	18,911	19,413
Technicians and related support	3,031	3,123	1,600	1,650	1,572	1,631	1,432	1,473	1,404	1,456
Health technologists and technicians	1,102	1,094	178	182	171	180	924	911	910	908
Engineering and science technicians	990	1,022	807	807	791	798	182	215	176	204
Technicians, except health, engineering, and science	939	1,008	614	661	610	654	326	347	318	343
Sales occupations	12,038	12,646	6,329	6,571	5,997	6,217	5,709	6,075	4,926	5,201
Supervisors and proprietors	2,991	3,218	2,139	2,273	2,116	2,257	852	944	839	925
Sales representatives, finance and business services	1,894	1,996	1,197	1,242	1,196	1,230	697	754	679	728
Sales representatives, commodities, except retail	1,491	1,444	1,265	1,218	1,252	1,204	227	227	216	217
Sales workers, retail and personal services	5,599	5,945	1,695	1,825	1,399	1,513	3,904	4,120	3,166	3,306
Sales-related occupations	63	43	34	13	34	13	29	30	27	24
Administrative support, including clerical	16,541	16,873	3,349	3,493	3,151	3,346	13,192	13,380	12,581	12,757
Supervisors	716	686	339	296	340	294	377	390	375	391
Computer equipment operators	588	776	226	264	218	263	362	511	341	499
Secretaries, stenographers, and typists	4,961	4,996	98	216	81	206	4,863	4,780	4,659	4,525
Financial records processing	2,414	2,484	257	240	254	237	2,157	2,244	2,107	2,182
Mail and message distributing	760	782	520	558	499	535	240	224	229	218
Other administrative support, including clerical	7,102	7,150	1,909	1,920	1,759	1,811	5,193	5,230	4,871	4,941
Service occupations	14,084	13,995	5,528	5,432	4,608	4,653	8,556	8,563	7,420	7,536
Private household	995	943	35	27	25	23	960	916	765	760
Protective service	1,653	1,682	1,410	1,432	1,387	1,407	244	249	214	230
Service, except private household and protective	11,436	11,370	4,084	3,972	3,196	3,223	7,352	7,398	6,441	6,546
Food service	4,952	4,910	1,865	1,822	1,234	1,245	3,087	3,087	2,452	2,484
Health service	1,813	1,780	170	180	152	175	1,643	1,599	1,524	1,516
Cleaning and building service	2,818	2,762	1,705	1,637	1,505	1,503	1,113	1,125	1,028	1,061
Personal service	1,854	1,918	344	332	304	300	1,510	1,586	1,438	1,485
Precision production, craft, and repair	12,711	13,145	11,632	12,008	11,320	11,655	1,079	1,137	1,043	1,098
Mechanics and repairers	4,296	4,425	4,173	4,298	4,056	4,189	123	127	123	124
Construction trades	4,444	4,638	4,384	4,544	4,249	4,391	60	93	57	92
Other precision production, craft, and repair	3,970	4,083	3,075	3,166	3,015	3,076	896	917	863	881
Operators, fabricators, and laborers	16,236	17,287	11,930	12,780	10,999	11,701	4,306	4,508	4,108	4,273
Machine operators, assemblers, and inspectors	7,879	7,977	4,628	4,652	4,436	4,455	3,251	3,325	3,155	3,203
Manufacturing industries	6,630	6,674	3,819	3,845	3,685	3,710	2,811	2,829	2,737	2,738
Durable goods	3,577	3,705	2,499	2,534	2,409	2,441	1,078	1,171	1,049	1,129
Nondurable goods	3,054	2,969	1,320	1,310	1,276	1,268	1,733	1,658	1,687	1,608
Nonmanufacturing industries	1,249	1,303	809	807	751	745	440	496	418	465
Transportation and material moving occupations	4,313	4,708	3,987	4,323	3,881	4,175	326	385	310	376
Motor vehicle operators	3,024	3,392	2,756	3,072	2,680	2,949	268	320	253	311
Other transportation and material moving occupations	1,289	1,316	1,231	1,251	1,201	1,225	57	65	57	65
Handlers, equipment cleaners, helpers, and laborers	4,043	4,603	3,314	3,805	2,681	3,072	730	797	643	694
Construction laborers	595	790	573	769	523	659	22	21	22	19
Other handlers, equipment cleaners, helpers, and laborers	3,448	3,813	2,741	3,036	2,158	2,413	708	776	622	675
Farming, forestry, and fishing	3,860	3,860	3,233	3,234	2,853	2,882	627	626	569	569
Farm operators and managers	1,472	1,533	1,297	1,346	1,283	1,328	175	187	172	185
Other farming, forestry, and fishing occupations	2,388	2,327	1,937	1,889	1,569	1,554	452	438	397	385

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
TOTAL						
Total, 16 years and over (thousands)	102,366	105,792	57,609	59,714	44,758	46,078
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	23.3	23.5	24.3	24.4	22.0	22.4
Executive, administrative, and managerial	10.7	11.0	12.8	12.9	8.0	8.6
Professional specialty	12.6	12.5	11.5	11.4	14.0	13.8
Technical, sales, and administrative support	30.9	30.9	19.6	19.6	45.4	45.4
Technicians and related support	3.0	3.0	2.8	2.8	3.2	3.2
Sales occupations	11.8	12.0	11.0	11.0	12.8	13.2
Administrative support, including clerical	16.2	15.9	5.8	5.8	29.5	29.0
Service occupations	13.8	13.2	9.6	9.1	19.1	18.6
Private household	1.0	.9	.1	(¹)	2.1	2.0
Protective service	1.6	1.6	2.4	2.4	.5	.5
Service, except private household and protective	11.2	10.7	7.1	6.7	16.4	16.1
Precision production, craft, and repair	12.4	12.4	20.2	20.1	2.4	2.5
Operators, fabricators, and laborers	15.9	16.3	20.7	21.4	9.6	9.8
Machine operators, assemblers, and inspectors	7.7	7.5	8.0	7.8	7.3	7.2
Transportation and material moving occupations	4.2	4.5	6.9	7.2	.7	.8
Handlers, equipment cleaners, helpers, and laborers	3.9	4.4	5.8	6.4	1.6	1.7
Farming, forestry, and fishing	3.8	3.6	5.6	5.4	1.4	1.4
White						
Total, 16 years and over (thousands)	90,158	92,573	51,265	52,893	38,893	39,680
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	24.3	24.5	25.4	25.5	22.8	23.2
Executive, administrative, and managerial	11.3	11.7	13.5	13.7	8.4	9.0
Professional specialty	13.0	12.8	12.0	11.8	14.4	14.2
Technical, sales, and administrative support	31.6	31.4	20.0	19.9	46.7	46.8
Technicians and related support	3.0	2.9	2.8	2.7	3.2	3.2
Sales occupations	12.4	12.6	11.6	11.6	13.4	13.8
Administrative support, including clerical	16.2	15.9	5.6	5.5	30.2	29.8
Service occupations	12.5	11.9	8.6	8.0	17.6	17.1
Private household .....	.8	.7	.1	(¹)	1.7	1.6
Protective service	1.5	1.5	2.3	2.3	.5	.5
Service, except private household and protective	10.2	9.7	6.2	5.7	15.4	15.0
Precision production, craft, and repair	12.7	12.8	20.6	20.6	2.4	2.4
Operators, fabricators, and laborers	15.0	15.5	19.6	20.4	9.0	9.1
Machine operators, assemblers, and inspectors	7.2	7.1	7.7	7.5	6.7	6.5
Transportation and material moving occupations	4.1	4.4	6.7	7.0	.7	.8
Handlers, equipment cleaners, helpers, and laborers	3.7	4.1	5.3	5.9	1.6	1.7
Farming, forestry, and fishing	3.9	3.8	5.7	5.6	1.5	1.4
Black						
Total, 16 years and over (thousands)	9,553	10,310	4,847	5,224	4,706	5,086
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	13.7	13.9	11.9	11.7	15.6	16.1
Executive, administrative, and managerial	5.5	5.6	5.9	5.8	5.0	5.3
Professional specialty	8.2	8.3	5.9	5.9	10.6	10.7
Technical, sales, and administrative support	25.5	26.1	14.4	16.1	36.9	36.3
Technicians and related support	2.7	2.8	2.1	2.4	3.4	3.2
Sales occupations	6.2	6.5	4.4	4.8	8.1	8.4
Administrative support, including clerical	16.6	16.8	8.0	9.0	25.4	24.7
Service occupations	24.7	24.2	18.6	18.7	31.1	29.9
Private household	3.1	2.8	(¹)	.2	6.2	5.5
Protective service	2.4	2.6	4.0	4.2	.8	1.1
Service, except private household and protective	19.3	18.8	14.5	14.3	24.1	23.4
Precision production, craft, and repair	9.6	9.6	16.6	16.3	2.4	2.9
Operators, fabricators, and laborers	23.6	23.7	33.5	33.0	13.4	14.2
Machine operators, assemblers, and inspectors	11.3	11.3	12.1	11.2	10.5	11.5
Transportation and material moving occupations	5.8	5.9	10.5	10.8	.9	.9
Handlers, equipment cleaners, helpers, and laborers	6.5	6.5	10.8	11.1	2.0	1.7
Farming, forestry, and fishing	2.8	2.5	5.0	4.3	.6	.7

¹ Less than 0.05 percent.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	September 1984								
	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	94,146	1,194	15,799	77,154	7,783	318	1,704	1,640	201
16 to 19 years	5,678	206	292	5,180	85	25	252	51	28
16 to 17 years	2,118	129	89	1,900	34	8	118	32	19
18 to 19 years	3,560	77	203	3,280	51	16	134	18	9
20 to 24 years	13,399	114	1,213	12,072	339	23	298	96	20
25 to 34 years	28,131	196	4,432	23,502	1,859	64	500	307	23
35 to 44 years	21,139	169	4,409	16,561	2,125	75	259	267	43
45 to 54 years	14,072	184	2,982	10,905	1,580	64	183	314	34
55 to 64 years	9,704	201	2,080	7,422	1,199	50	148	367	35
55 to 59 years	5,897	108	1,316	4,472	710	27	89	179	23
60 to 64 years	3,808	93	764	2,950	490	23	59	188	12
65 years and over	2,025	124	390	1,511	594	17	64	238	17
Men, 16 years and over	51,718	159	7,830	43,730	5,126	43	1,340	1,440	47
16 to 19 years	2,813	45	110	2,658	62	18	197	48	22
16 to 17 years	1,050	28	22	1,001	25	4	88	31	14
18 to 19 years	1,763	17	88	1,657	37	14	109	17	8
20 to 24 years	6,989	17	549	6,423	222	13	229	89	10
25 to 34 years	15,702	23	2,156	13,523	1,199	4	419	280	1
35 to 44 years	11,676	21	2,185	9,470	1,378	-	199	218	2
45 to 54 years	7,935	17	1,576	6,343	1,046	3	131	262	1
55 to 64 years	5,484	16	1,054	4,414	815	-	115	332	1
55 to 59 years	3,362	5	684	2,673	475	-	63	163	1
60 to 64 years	2,122	11	370	1,741	340	1	52	169	-
65 years and over	1,119	20	200	900	403	6	50	211	10
Women, 16 years and over	42,428	1,035	7,969	33,424	2,657	275	365	200	154
16 to 19 years	2,865	161	182	2,522	23	7	55	2	6
16 to 17 years	1,068	101	68	899	9	4	30	1	4
18 to 19 years	1,797	60	114	1,623	14	3	25	1	1
20 to 24 years	6,409	96	664	5,649	117	10	69	7	10
25 to 34 years	12,429	173	2,277	9,979	660	60	82	26	22
35 to 44 years	9,463	148	2,223	7,092	747	76	60	49	41
45 to 54 years	6,137	167	1,406	4,563	535	61	52	52	34
55 to 64 years	4,220	185	1,026	3,009	385	50	33	35	35
55 to 59 years	2,535	103	632	1,800	235	27	26	17	23
60 to 64 years	1,685	82	394	1,209	150	23	7	18	12
65 years and over	905	104	190	611	191	11	14	27	7

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	September 1984												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture	3,545	34	75	9	17	106	-	12	54	12	61	8	3,158
Mining	1,065	188	103	64	6	138	-	14	324	32	165	32	-
Construction	6,892	767	124	44	58	451	-	26	3,891	78	540	891	21
Manufacturing	21,082	2,188	1,561	671	690	2,602	-	416	4,084	6,674	896	1,193	107
Durable goods	12,803	1,397	1,124	471	289	1,530	-	235	2,887	3,705	486	592	89
Nondurable goods	8,279	791	437	200	402	1,072	-	181	1,197	2,969	411	601	19
Transportation and public utilities	7,537	770	442	242	272	1,997	-	245	1,312	96	1,725	432	4
Wholesale and retail trade	22,065	1,711	386	109	9,360	2,135	-	4,060	1,432	335	792	1,683	60
Wholesale trade	4,137	422	80	35	1,662	721	-	44	292	147	389	314	29
Retail trade	17,928	1,288	306	74	7,698	1,413	-	4,017	1,140	188	403	1,369	31
Finance, insurance, and real estate	6,758	1,596	128	102	1,544	2,876	-	292	105	15	26	17	56
Services	32,012	3,384	9,714	1,665	675	5,262	943	6,839	1,681	705	452	297	396
Private households	1,198	2	16	8	-	9	943	86	10	1	19	16	90
Other service industries	30,814	3,382	9,699	1,658	676	5,253	-	6,753	1,670	704	434	280	306
Professional services	21,134	1,991	8,796	1,384	118	3,962	-	3,979	333	189	228	73	81
Public administration	4,836	1,039	653	216	24	1,307	-	1,150	263	30	49	48	58

¹ Includes protective service, not shown separately.

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

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	Sept. 1983	Sept. 1984	Total		Wage and salary workers ¹			
			Sept. 1983	Sept. 1984	Paid absences		Unpaid absences	
					Sept. 1983	Sept. 1984	Sept. 1983	Sept. 1984
Total, 16 years and over	4,704	4,855	4,563	4,760	2,447	2,534	1,617	1,726
Vacation	2,505	2,568	2,455	2,539	1,785	1,801	473	529
Illness	1,272	1,311	1,240	1,277	481	480	669	705
Bad weather	50	42	26	34	(²)	(²)	(²)	(²)
Industrial dispute	26	45	26	45	(²)	(²)	(²)	(²)
All other reasons	850	888	816	865	181	253	475	493
Men, 16 years and over	2,535	2,537	2,418	2,455	1,462	1,421	684	756
Vacation	1,417	1,393	1,381	1,366	1,088	1,048	190	205
Illness	693	748	665	717	300	279	318	384
All other reasons ³	425	396	372	372	74	94	175	167
Women, 16 years and over	2,169	2,318	2,144	2,306	985	1,114	933	970
Vacation	1,088	1,176	1,074	1,173	696	753	282	324
Illness	579	563	574	560	181	201	351	320
All other reasons ³	501	579	496	573	108	160	299	326

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.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Hours of work	September 1984					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	100,937	3,450	97,487	100.0	100.0	100.0
1 to 34 hours	22,978	953	22,026	22.8	27.6	22.6
1 to 4 hours	769	60	709	.8	1.7	.7
5 to 14 hours	4,134	220	3,914	4.1	6.4	4.0
15 to 29 hours	11,664	479	11,185	11.6	13.9	11.5
30 to 34 hours	6,411	194	6,218	6.4	5.6	6.4
35 hours and over	77,960	2,497	75,461	77.2	72.4	77.4
35 to 39 hours	6,992	158	6,834	6.9	4.6	7.0
40 hours	42,610	636	41,974	42.2	18.4	43.1
41 hours and over	28,358	1,703	26,653	28.1	49.4	27.3
41 to 48 hours	10,540	284	10,255	10.4	8.2	10.5
49 to 59 hours	9,973	430	9,543	9.9	12.5	9.8
60 hours and over	7,845	989	6,855	7.8	28.7	7.0
Average hours, total at work	39.3	44.7	39.1	-	-	-
Average hours, workers on full-time schedules	43.7	52.8	43.4	-	-	-

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

(Numbers in thousands)

Reason for working less than 35 hours	September 1984					
	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	22,978	5,815	17,163	22,026	5,575	16,450
Economic reasons	5,389	1,667	3,722	5,132	1,571	3,561
Slack work	2,262	1,323	939	2,113	1,235	878
Material shortages or repairs to plant and equipment	58	58	-	55	55	-
New job started during week	215	215	-	211	211	-
Job terminated during week	72	72	-	70	70	-
Could find only part-time work	2,783	-	2,783	2,682	-	2,682
Other reasons	17,588	4,147	13,441	16,896	4,006	12,890
Does not want, or unavailable for, full-time work	11,178	-	11,178	10,756	-	10,756
Vacation	1,040	1,040	-	1,024	1,024	-
Illness	1,418	1,241	177	1,386	1,224	162
Bad weather	411	411	-	365	365	-
Industrial dispute	10	10	-	10	10	-
Legal or religious holiday	146	146	-	144	144	-
Full time for this job	1,598	-	1,598	1,549	-	1,549
All other reasons	1,787	1,299	488	1,659	1,237	422
Average hours:						
Economic reasons	21.9	24.1	20.9	22.0	24.2	21.1
Other reasons	20.9	26.4	19.2	21.0	26.5	19.3
Worked 30 to 34 hours:						
Economic reasons	1,686	749	937	1,619	707	912
Other reasons	4,725	2,257	2,468	4,599	2,205	2,394

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

(Numbers in thousands)

Industry	September 1984								
	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	97,487	5,132	12,890	79,465	52,812	10,255	16,398	39.1	43.4
Wage and salary workers	89,838	4,566	11,492	73,780	50,274	9,721	13,785	38.9	43.0
Mining	1,000	19	14	967	219	148	321	46.4	47.2
Construction	5,383	364	235	4,784	3,330	534	920	40.3	42.8
Manufacturing	19,718	588	610	18,520	12,435	2,940	3,145	41.5	42.7
Durable goods	12,037	219	282	11,536	7,610	1,915	2,011	42.1	42.9
Nondurable goods	7,681	369	327	6,985	4,825	1,025	1,135	40.5	42.4
Transportation and public utilities	6,756	193	327	6,236	4,039	873	1,324	42.1	43.9
Wholesale and retail trade	19,188	1,538	4,409	13,241	8,186	2,020	3,035	36.6	43.8
Finance, insurance, and real estate	5,865	129	499	5,237	3,880	576	781	39.4	41.6
Service industries	27,312	1,674	5,139	20,499	14,683	2,212	3,604	36.8	42.6
Private households	1,147	247	512	388	271	32	85	24.2	44.9
All other industries	26,165	1,427	4,627	20,111	14,412	2,180	3,519	37.4	42.6
Public administration	4,616	61	259	4,296	3,223	418	655	40.7	42.3
Self-employed workers	7,330	546	1,281	5,503	2,439	515	2,549	41.4	48.8
Unpaid family workers	318	19	117	182	97	20	65	37.2	48.0

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Sex, age, race, and marital status	September 1984							
	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	97,487	5,132	12,890	79,465	52,812	26,653	39.1	43.4
16 to 19 years	5,630	550	2,977	2,103	1,625	478	26.3	40.7
16 to 17 years	2,108	94	1,803	211	172	39	17.9	38.2
18 to 19 years	3,522	457	1,175	1,890	1,451	439	31.3	41.0
20 years and over	91,857	4,581	9,912	77,364	51,188	26,176	39.9	43.4
20 to 24 years	13,280	1,134	1,974	10,172	7,333	2,839	37.1	42.1
25 years and over	78,577	3,447	7,939	67,191	43,854	23,337	40.3	43.6
25 to 44 years	51,098	2,257	4,311	44,530	28,628	15,902	40.9	43.8
45 to 64 years	25,073	1,072	2,478	21,523	14,462	7,061	40.3	43.4
65 years and over	2,407	119	1,151	1,137	763	374	29.5	42.7
Men, 16 years and over	54,433	2,184	3,877	48,372	28,635	19,737	42.1	44.8
16 to 19 years	2,829	236	1,433	1,160	833	327	27.6	41.7
16 to 17 years	1,060	50	869	141	110	31	19.1	40.2
18 to 19 years	1,769	185	564	1,020	725	295	32.8	41.9
20 years and over	51,604	1,948	2,444	47,212	27,802	19,410	42.9	44.9
20 to 24 years	7,033	542	875	5,616	3,667	1,949	38.8	43.4
25 years and over	44,571	1,406	1,570	41,595	24,134	17,461	43.5	45.1
25 to 44 years	28,782	979	571	27,232	15,434	11,798	44.1	45.3
45 to 64 years	14,381	379	409	13,593	8,217	5,376	43.5	44.8
65 years and over	1,409	48	590	771	484	287	31.7	43.2
Women, 16 years and over	43,054	2,948	9,013	31,093	24,177	6,916	35.3	41.1
16 to 19 years	2,801	314	1,544	943	791	152	24.9	39.5
16 to 17 years	1,048	43	934	71	63	8	16.6	(¹)
18 to 19 years	1,753	271	610	872	728	144	29.8	40.0
20 years and over	40,253	2,634	7,468	30,151	23,386	6,765	36.0	41.2
20 to 24 years	6,246	592	1,099	4,555	3,665	890	35.2	40.6
25 years and over	34,007	2,041	6,370	25,596	19,721	5,875	36.1	41.3
25 to 44 years	22,316	1,276	3,740	17,300	13,196	4,104	36.7	41.3
45 to 64 years	10,692	694	2,069	7,929	6,246	1,683	35.9	41.2
65 years and over	999	71	561	367	280	87	26.3	41.6
RACE								
White, 16 years and over	85,210	4,154	11,664	69,392	44,944	24,448	39.2	43.6
Men	48,136	1,739	3,456	42,941	24,740	18,201	42.4	45.1
Women	37,074	2,415	8,208	26,451	20,204	6,247	35.2	41.3
Black, 16 years and over	9,561	836	923	7,802	6,237	1,565	37.6	41.3
Men	4,810	384	300	4,126	3,047	1,079	39.5	42.5
Women	4,751	452	623	3,676	3,190	486	35.7	40.0
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	36,011	933	1,124	33,954	19,387	14,567	43.8	45.2
Widowed, divorced, or separated	4,893	276	228	4,389	2,528	1,861	42.7	45.3
Single (never married)	13,529	974	2,525	10,030	6,720	3,310	37.2	43.4
Women, 16 years and over:								
Married, spouse present	24,136	1,387	5,419	17,330	13,639	3,691	35.2	41.0
Widowed, divorced, or separated	8,302	648	1,025	6,629	4,943	1,686	37.3	41.5
Single (never married)	10,616	912	2,568	7,136	5,596	1,540	33.8	41.1

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Occupation and sex	September 1984								
	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	97,180	5,092	12,815	79,274	52,596	10,242	16,436	39.1	43.4
Managerial and professional specialty	23,760	424	2,072	21,264	12,397	2,815	6,052	42.2	44.9
Executive, administrative, and managerial	11,175	114	522	10,539	5,775	1,425	3,339	44.2	45.6
Professional specialty	12,584	309	1,550	10,725	6,622	1,391	2,712	40.5	44.2
Technical, sales, and administrative support	31,168	1,341	5,250	24,577	17,426	2,911	4,239	37.8	42.5
Technicians and related support	2,987	69	295	2,624	1,987	305	333	39.4	41.8
Sales occupations	12,117	790	2,527	8,800	4,771	1,247	2,782	38.6	45.5
Administrative support, including clerical	16,064	483	2,428	13,153	10,668	1,360	1,124	36.9	40.6
Service occupations	13,278	1,578	3,740	7,960	6,003	783	1,173	33.1	42.2
Private household	905	192	412	302	217	17	67	23.9	43.6
Protective service	1,562	42	148	1,372	866	188	317	41.7	44.9
Service, except private household and protective	10,811	1,344	3,180	6,287	4,920	578	789	32.6	41.6
Precision production, craft, and repair	12,525	657	429	11,440	7,391	1,650	2,399	41.7	43.6
Operators, fabricators, and laborers	16,449	1,091	1,324	14,034	9,379	2,082	2,573	39.9	43.1
Machine operators, assemblers, and inspectors	7,630	413	322	6,894	4,974	1,041	879	40.1	41.9
Transportation and material moving occupations	4,421	230	316	3,875	2,041	585	1,249	43.2	46.5
Handlers, equipment cleaners, helpers, and laborers	4,398	448	685	3,265	2,365	455	445	36.4	41.8
Men, 16 years and over	54,037	2,137	3,772	48,128	28,392	6,860	12,876	42.2	44.9
Managerial and professional specialty	13,994	156	569	13,269	6,808	1,799	4,661	45.1	46.5
Executive, administrative, and managerial	7,428	64	201	7,162	3,519	960	2,683	45.9	46.9
Professional specialty	6,566	92	367	6,107	3,289	840	1,978	44.1	46.0
Technical, sales, and administrative support	11,283	254	1,017	10,012	5,542	1,451	3,019	42.5	45.5
Technicians and related support	1,600	21	80	1,499	1,075	185	238	41.2	42.7
Sales occupations	6,370	165	623	5,583	2,480	827	2,275	44.1	47.6
Administrative support, including clerical	3,313	68	315	2,930	1,986	438	506	40.1	42.9
Service occupations	5,167	426	982	3,758	2,658	423	678	36.9	43.4
Private household	27	8	11	8	8	-	-	(¹)	(¹)
Protective service	1,323	32	87	1,204	731	179	294	43.1	45.4
Service, except private household and protective	3,817	387	884	2,547	1,919	244	384	34.9	42.4
Precision production, craft, and repair	11,440	603	300	10,537	6,693	1,581	2,262	42.1	43.8
Operators, fabricators, and laborers	12,153	698	903	10,552	6,691	1,606	2,255	40.9	43.9
Machine operators, assemblers, and inspectors	4,448	163	124	4,161	2,814	679	668	41.5	42.8
Transportation and material moving occupations	4,069	183	232	3,653	1,896	553	1,204	44.0	46.7
Handlers, equipment cleaners, helpers, and laborers	3,637	351	548	2,738	1,981	374	383	36.6	41.9
Women, 16 years and over	43,143	2,954	9,042	31,146	24,204	3,382	3,560	35.3	41.1
Managerial and professional specialty	9,766	268	1,503	7,995	5,588	1,016	1,390	38.2	42.4
Executive, administrative, and managerial	3,747	50	321	3,377	2,255	465	656	40.8	43.0
Professional specialty	6,018	218	1,183	4,618	3,333	551	734	36.5	41.9
Technical, sales, and administrative support	19,885	1,088	4,232	14,565	11,885	1,461	1,220	35.1	40.5
Technicians and related support	1,387	47	215	1,125	911	119	94	37.2	40.6
Sales occupations	5,747	625	1,904	3,218	2,291	419	507	32.5	42.0
Administrative support, including clerical	12,751	415	2,113	10,222	8,682	922	618	36.1	40.0
Service occupations	8,111	1,152	2,758	4,201	3,345	361	495	30.6	41.2
Private household	878	184	401	294	209	18	67	24.0	43.8
Protective service	239	11	60	168	135	9	23	34.0	40.7
Service, except private household and protective	6,994	957	2,297	3,740	3,001	334	405	31.3	41.0
Precision production, craft, and repair	1,085	54	129	903	698	69	137	37.8	41.4
Operators, fabricators, and laborers	4,296	393	420	3,462	2,688	476	318	37.2	40.7
Machine operators, assemblers, and inspectors	3,182	250	199	2,734	2,160	363	211	38.1	40.5
Transportation and material moving occupations	353	47	84	222	145	32	44	34.4	42.9
Handlers, equipment cleaners, helpers, and laborers	761	96	137	527	384	81	62	35.1	41.1

¹ 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	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
TOTAL													
Noninstitutional population ¹	176,297	176,474	176,636	176,809	177,219	177,363	177,510	177,662	177,813	177,974	178,138	178,295	178,483
Labor force ¹	113,924	113,561	113,720	113,824	113,901	114,377	114,598	114,938	115,493	115,567	115,636	115,206	115,419
Percent of population ²	64.6	64.3	64.4	64.4	64.3	64.5	64.6	64.7	65.0	64.9	64.9	64.6	64.7
Total employed ¹	103,571	103,665	104,291	104,629	104,876	105,576	105,826	106,095	106,978	107,438	107,093	106,681	106,959
Employment-population ratio ³	58.7	58.7	59.0	59.2	59.2	59.5	59.6	59.7	60.2	60.4	60.1	59.8	59.9
Resident Armed Forces	1,695	1,695	1,685	1,688	1,686	1,684	1,686	1,693	1,690	1,690	1,698	1,712	1,720
Civilian employed	101,876	101,970	102,606	102,941	103,190	103,892	104,140	104,402	105,288	105,748	105,395	104,969	105,239
Agriculture	3,308	3,240	3,257	3,356	3,271	3,395	3,281	3,393	3,389	3,403	3,345	3,224	3,315
Nonagricultural industries	98,568	98,730	99,349	99,585	99,918	100,496	100,859	101,009	101,899	102,344	102,050	101,744	101,923
Unemployed	10,353	9,896	9,429	9,195	9,026	8,801	8,772	8,843	8,514	8,130	8,543	8,526	8,460
Unemployment rate ⁴	9.1	8.7	8.3	8.1	7.9	7.7	7.7	7.7	7.4	7.0	7.4	7.4	7.3
Not in labor force	62,373	62,913	62,916	62,985	63,318	62,986	62,912	62,724	62,320	62,407	62,503	63,089	63,064
Men													
Noninstitutional population ¹	84,261	84,344	84,423	84,506	84,745	84,811	84,880	84,953	85,024	85,101	85,179	85,257	85,352
Labor force ¹	64,877	64,709	64,846	64,838	64,930	65,093	65,156	65,212	65,307	65,452	65,362	65,244	65,614
Percent of population ²	77.0	76.7	76.8	76.7	76.6	76.8	76.8	76.8	76.8	76.9	76.7	76.5	76.9
Total employed ¹	58,828	58,950	59,389	59,580	59,781	60,147	60,290	60,293	60,629	60,923	60,607	60,661	60,912
Employment-population ratio ³	69.8	69.9	70.3	70.5	70.5	70.9	71.0	71.0	71.3	71.6	71.2	71.2	71.4
Resident Armed Forces	1,549	1,543	1,534	1,537	1,542	1,540	1,542	1,548	1,545	1,545	1,551	1,563	1,571
Civilian employed	57,279	57,407	57,855	58,043	58,239	58,607	58,748	58,745	59,084	59,378	59,056	59,098	59,341
Unemployed	6,049	5,759	5,457	5,258	5,149	4,946	4,867	4,919	4,678	4,529	4,756	4,583	4,702
Unemployment rate ⁴	9.3	8.9	8.4	8.1	7.9	7.6	7.5	7.5	7.2	6.9	7.3	7.0	7.2
Not in labor force	19,384	19,635	19,577	19,668	19,815	19,718	19,724	19,741	19,717	19,649	19,817	20,013	19,738
Women													
Noninstitutional population ¹	92,036	92,129	92,214	92,302	92,474	92,552	92,630	92,709	92,789	92,873	92,958	93,039	93,132
Labor force ¹	49,047	48,852	48,874	48,986	48,971	49,283	49,442	49,725	50,186	50,115	50,273	49,963	49,804
Percent of population ²	53.3	53.0	53.0	53.1	53.0	53.2	53.4	53.6	54.1	54.0	54.1	53.7	53.5
Total employed ¹	44,743	44,715	44,902	45,049	45,094	45,429	45,536	45,802	46,350	46,515	46,486	46,020	46,047
Employment-population ratio ³	48.6	48.5	48.7	48.8	48.8	49.1	49.2	49.4	50.0	50.1	50.0	49.5	49.4
Resident Armed Forces	146	152	151	151	144	144	144	145	145	145	147	149	149
Civilian employed	44,597	44,563	44,751	44,896	44,950	45,285	45,392	45,657	46,205	46,370	46,339	45,871	45,898
Unemployed	4,304	4,137	3,972	3,937	3,876	3,855	3,905	3,924	3,836	3,600	3,787	3,943	3,758
Unemployment rate ⁴	8.8	8.5	8.1	8.0	7.9	7.8	7.9	7.9	7.6	7.2	7.5	7.9	7.5
Not in labor force	42,989	43,277	43,340	43,316	43,503	43,269	43,188	42,984	42,603	42,758	42,685	43,076	43,328

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.

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

(Numbers in thousands)

Employment status, sex, and age	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
TOTAL													
Civilian noninstitutional population ¹	174,602	174,779	174,951	175,121	175,533	175,679	175,824	175,969	176,123	176,284	176,440	176,583	176,763
Civilian labor force	112,229	111,866	112,035	112,136	112,215	112,693	112,912	113,245	113,803	113,877	113,938	113,494	113,699
Percent of population	64.3	64.0	64.0	64.0	63.9	64.1	64.2	64.4	64.6	64.6	64.6	64.3	64.3
Employed	101,876	101,970	102,606	102,941	103,190	103,892	104,140	104,402	105,288	105,748	105,395	104,969	105,239
Employment-population ratio ²	58.3	58.3	58.6	58.8	58.8	59.1	59.2	59.3	59.8	60.0	59.7	59.4	59.5
Unemployed	10,353	9,896	9,429	9,195	9,026	8,801	8,772	8,843	8,514	8,130	8,543	8,526	8,460
Unemployment rate	9.2	8.8	8.4	8.2	8.0	7.8	7.8	7.8	7.5	7.1	7.5	7.5	7.4
Men, 20 years and over													
Civilian noninstitutional population ¹	75,115	75,216	75,327	75,433	75,692	75,786	75,880	75,973	76,073	76,176	76,269	76,350	76,451
Civilian labor force	59,012	58,949	59,053	59,050	59,299	59,394	59,388	59,480	59,546	59,726	59,694	59,752	59,898
Percent of population	78.6	78.4	78.4	78.3	78.3	78.4	78.3	78.3	78.3	78.4	78.3	78.3	78.3
Employed	53,947	54,140	54,457	54,658	54,999	55,266	55,368	55,385	55,685	55,970	55,789	55,899	56,022
Employment-population ratio ²	71.8	72.0	72.3	72.5	72.7	72.9	73.0	72.9	73.2	73.5	73.1	73.2	73.3
Agriculture	2,431	2,376	2,336	2,374	2,356	2,409	2,364	2,453	2,451	2,469	2,455	2,392	2,403
Nonagricultural industries	51,516	51,764	52,121	52,284	52,643	52,857	53,004	52,932	53,234	53,501	53,334	53,507	53,620
Unemployed	5,065	4,809	4,596	4,392	4,300	4,128	4,020	4,095	3,861	3,755	3,906	3,853	3,875
Unemployment rate	8.6	8.2	7.8	7.4	7.3	7.0	6.8	6.9	6.5	6.3	6.5	6.4	6.5
Not in labor force	16,103	16,267	16,274	16,383	16,393	16,392	16,492	16,493	16,527	16,450	16,575	16,598	16,553
Women, 20 years and over													
Civilian noninstitutional population ¹	84,333	84,443	84,553	84,666	84,860	84,962	85,064	85,168	85,272	85,380	85,488	85,581	85,688
Civilian labor force	45,062	44,936	44,953	45,024	44,981	45,258	45,459	45,703	46,222	46,101	46,261	46,082	45,859
Percent of population	53.4	53.2	53.2	53.2	53.0	53.3	53.4	53.7	54.2	54.0	54.1	53.8	53.5
Employed	41,550	41,570	41,738	41,843	41,798	42,138	42,315	42,517	43,098	43,146	43,088	42,819	42,807
Employment-population ratio ²	49.3	49.2	49.4	49.4	49.3	49.6	49.7	49.9	50.5	50.5	50.4	50.0	50.0
Agriculture	581	597	638	653	625	640	574	619	610	623	573	563	595
Nonagricultural industries	40,969	40,973	41,100	41,190	41,174	41,498	41,741	41,898	42,487	42,523	42,515	42,255	42,212
Unemployed	3,512	3,366	3,215	3,181	3,182	3,120	3,144	3,186	3,124	2,955	3,173	3,264	3,053
Unemployment rate	7.8	7.5	7.2	7.1	7.1	6.9	6.9	7.0	6.8	6.4	6.9	7.1	6.7
Not in labor force	39,271	39,507	39,600	39,642	39,879	39,704	39,605	39,465	39,050	39,279	39,227	39,499	39,829
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	15,154	15,120	15,072	15,022	14,981	14,931	14,880	14,828	14,778	14,728	14,683	14,653	14,624
Civilian labor force	8,155	7,981	8,029	8,062	7,935	8,041	8,065	8,062	8,034	8,050	7,982	7,660	7,942
Percent of population	53.8	52.8	53.3	53.7	53.0	53.9	54.2	54.4	54.4	54.7	54.4	52.3	54.3
Employed	6,379	6,260	6,411	6,440	6,392	6,488	6,457	6,500	6,505	6,631	6,518	6,251	6,410
Employment-population ratio ²	42.1	41.4	42.5	42.9	42.7	43.5	43.4	43.8	44.0	45.0	44.4	42.7	43.8
Agriculture	296	267	283	329	290	346	343	321	327	311	317	269	318
Nonagricultural industries	6,083	5,993	6,128	6,111	6,102	6,142	6,114	6,179	6,178	6,320	6,201	5,982	6,092
Unemployed	1,776	1,721	1,618	1,622	1,543	1,553	1,608	1,562	1,529	1,419	1,464	1,409	1,532
Unemployment rate	21.8	21.6	20.2	20.1	19.4	19.3	19.9	19.4	19.0	17.6	18.3	18.4	19.3
Not in labor force	6,999	7,139	7,043	6,960	7,046	6,890	6,815	6,766	6,744	6,678	6,701	6,993	6,682

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	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
WHITE													
Civilian noninstitutional population ¹	151,021	151,175	151,324	151,484	151,939	152,079	152,285	152,178	152,229	152,295	152,286	152,402	152,471
Civilian labor force	97,507	97,339	97,559	97,724	97,813	98,167	98,424	98,495	98,853	98,770	98,710	98,156	98,388
Percent of population	64.6	64.4	64.5	64.5	64.4	64.6	64.6	64.7	64.9	64.9	64.8	64.4	64.5
Employed	89,693	89,851	90,430	90,779	91,044	91,544	91,845	91,933	92,505	92,697	92,430	91,850	92,074
Employment-population ratio ²	59.4	59.4	59.8	59.9	59.9	60.2	60.3	60.4	60.8	60.9	60.7	60.3	60.4
Unemployed	7,814	7,488	7,129	6,945	6,768	6,623	6,580	6,562	6,348	6,072	6,280	6,306	6,314
Unemployment rate	8.0	7.7	7.3	7.1	6.9	6.7	6.7	6.7	6.4	6.1	6.4	6.4	6.4
Men, 20 years and over													
Civilian labor force	51,881	51,902	52,021	52,063	52,270	52,335	52,398	52,406	52,357	52,548	52,366	52,371	52,516
Percent of population	79.0	78.9	78.9	78.9	78.8	78.8	78.8	78.8	78.7	78.9	78.6	78.6	78.7
Employed	47,908	48,128	48,414	48,589	48,964	49,149	49,343	49,329	49,440	49,744	49,470	49,471	49,600
Employment-population ratio ²	72.9	73.1	73.5	73.6	73.8	74.0	74.2	74.2	74.3	74.7	74.3	74.2	74.4
Unemployed	3,973	3,774	3,607	3,474	3,306	3,186	3,055	3,077	2,917	2,804	2,896	2,900	2,916
Unemployment rate	7.7	7.3	6.9	6.7	6.3	6.1	5.8	5.9	5.6	5.3	5.5	5.5	5.6
Women, 20 years and over													
Civilian labor force	38,468	38,438	38,489	38,556	38,505	38,726	38,873	39,032	39,439	39,226	39,396	39,137	38,944
Percent of population	52.8	52.7	52.7	52.8	52.6	52.8	52.9	53.1	53.7	53.3	53.5	53.1	52.8
Employed	35,928	36,016	36,177	36,292	36,180	36,465	36,570	36,688	37,150	37,042	37,074	36,784	36,694
Employment-population ratio ²	49.3	49.4	49.6	49.7	49.4	49.7	49.8	49.9	50.5	50.4	50.4	49.9	49.8
Unemployed	2,540	2,422	2,312	2,264	2,325	2,261	2,303	2,344	2,289	2,184	2,321	2,352	2,250
Unemployment rate	6.6	6.3	6.0	5.9	6.0	5.8	5.9	6.0	5.8	5.6	5.9	6.0	5.8
Both sexes, 16 to 19 years													
Civilian labor force	7,158	6,999	7,049	7,105	7,038	7,106	7,153	7,057	7,057	6,996	6,948	6,649	6,928
Percent of population	57.3	56.2	56.7	57.2	56.9	57.7	58.3	57.7	58.0	57.7	57.5	55.1	57.4
Employed	5,857	5,707	5,839	5,898	5,900	5,930	5,932	5,916	5,915	5,911	5,886	5,595	5,780
Employment-population ratio ²	46.9	45.8	47.0	47.5	47.7	48.1	48.3	48.4	48.6	48.7	48.7	46.4	47.9
Unemployed	1,301	1,292	1,210	1,207	1,138	1,176	1,221	1,141	1,142	1,085	1,062	1,054	1,148
Unemployment rate	18.2	18.5	17.2	17.0	16.2	16.5	17.1	16.2	16.2	15.5	15.3	15.9	16.6
Men	18.9	19.8	17.6	17.5	17.8	16.4	17.3	16.6	16.8	16.5	17.8	16.2	17.3
Women	17.4	16.9	16.6	16.5	14.5	16.7	16.8	15.7	15.5	14.5	12.6	15.5	15.8
BLACK													
Civilian noninstitutional population ¹	18,994	19,026	19,057	19,086	19,196	19,222	19,248	19,274	19,302	19,330	19,360	19,386	19,416
Civilian labor force	11,720	11,565	11,623	11,650	11,680	11,881	11,867	11,934	12,008	11,962	12,076	12,176	12,079
Percent of population	61.7	60.8	61.0	61.0	60.7	61.8	61.7	61.9	62.2	61.9	62.4	62.8	62.2
Employed	9,504	9,449	9,563	9,582	9,707	9,958	9,896	9,923	10,105	10,168	10,041	10,226	10,259
Employment-population ratio ²	50.0	49.7	50.2	50.2	50.6	51.8	51.4	51.5	52.4	52.6	51.9	52.8	52.8
Unemployed	2,216	2,116	2,060	2,068	1,953	1,923	1,972	2,011	1,903	1,795	2,035	1,950	1,820
Unemployment rate	18.9	18.3	17.7	17.8	16.7	16.2	16.6	16.8	15.8	15.0	16.9	16.0	15.1
Men, 20 years and over													
Civilian labor force	5,553	5,501	5,568	5,565	5,621	5,677	5,660	5,607	5,673	5,646	5,700	5,735	5,684
Percent of population	75.1	74.2	74.9	74.7	74.8	75.4	75.0	74.2	74.9	74.4	74.9	75.3	74.4
Employed	4,613	4,607	4,701	4,722	4,789	4,877	4,789	4,712	4,872	4,811	4,802	4,922	4,919
Employment-population ratio ²	62.4	62.1	63.2	63.4	63.7	64.8	63.5	62.4	64.3	63.4	63.1	64.6	64.4
Unemployed	940	894	867	843	833	800	871	894	801	835	897	813	765
Unemployment rate	16.9	16.3	15.6	15.1	14.8	14.1	15.4	16.0	14.1	14.8	15.7	14.2	13.5
Women, 20 years and over													
Civilian labor force	5,358	5,277	5,270	5,303	5,277	5,408	5,425	5,469	5,547	5,496	5,522	5,604	5,538
Percent of population	57.1	56.1	55.9	56.2	55.6	56.9	57.0	57.3	58.0	57.4	57.5	58.3	57.5
Employed	4,495	4,438	4,448	4,461	4,522	4,630	4,690	4,737	4,793	4,818	4,746	4,816	4,840
Employment-population ratio ²	47.9	47.2	47.2	47.3	47.7	48.7	49.2	49.6	50.1	50.3	49.5	50.1	50.2
Unemployed	863	839	822	842	755	777	735	731	754	679	776	788	698
Unemployment rate	16.1	15.9	15.6	15.9	14.3	14.4	13.5	13.4	13.6	12.4	14.0	14.1	12.6

See footnotes at end of table.

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	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	809	787	785	782	762	796	783	859	787	820	854	837	857
Percent of population	36.6	35.6	35.6	35.6	34.7	36.4	35.9	39.5	36.3	37.9	39.6	38.9	39.9
Employed	396	404	414	399	397	450	417	474	440	539	492	488	500
Employment-population ratio ²	17.9	18.3	18.8	18.2	18.1	20.6	19.1	21.8	20.3	24.9	22.8	22.7	23.3
Unemployed	413	383	371	383	365	346	366	385	347	281	362	349	357
Unemployment rate	51.1	48.7	47.3	49.0	47.9	43.5	46.7	44.8	44.1	34.3	42.4	41.7	41.7
Men	52.7	45.6	44.9	46.4	47.1	46.7	44.4	42.8	40.9	35.3	42.6	40.6	39.9
Women	49.2	52.2	50.0	51.9	48.8	39.9	49.6	47.1	48.2	33.1	42.1	42.9	43.7
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	9,700	9,745	9,677	9,735	9,778	9,906	10,080	10,072	10,026	9,824	9,738	9,785	9,713
Civilian labor force	6,202	6,165	6,232	6,267	6,336	6,292	6,484	6,378	6,332	6,298	6,293	6,271	6,328
Percent of population	63.9	63.3	64.4	64.4	64.8	63.5	64.3	63.3	63.2	64.1	64.6	64.1	65.2
Employed	5,392	5,398	5,463	5,540	5,627	5,652	5,751	5,643	5,666	5,669	5,626	5,600	5,650
Employment-population ratio ²	55.6	55.4	56.5	56.9	57.6	57.1	57.1	56.0	56.5	57.7	57.8	57.2	58.2
Unemployed	810	767	769	727	708	639	733	735	666	629	667	672	678
Unemployment rate	13.1	12.4	12.3	11.6	11.2	10.2	11.3	11.5	10.5	10.0	10.6	10.7	10.7

¹ The population figures are not adjusted for seasonal variation.

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

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

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

(In thousands)

Category	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CHARACTERISTIC													
Total	101,876	101,970	102,606	102,941	103,190	103,892	104,140	104,402	105,288	105,748	105,395	104,969	105,239
Married men, spouse present	38,232	38,240	38,388	38,494	38,682	38,911	38,927	39,062	39,159	39,072	39,121	39,029	39,034
Married women, spouse present	24,921	24,953	25,057	25,140	24,947	25,212	25,239	25,457	25,722	25,786	25,716	25,764	25,641
Women who maintain families	5,124	5,172	5,236	5,254	5,293	5,346	5,444	5,491	5,668	5,688	5,662	5,507	5,412
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,572	1,505	1,481	1,512	1,443	1,560	1,515	1,661	1,610	1,604	1,513	1,425	1,569
Self-employed workers	1,515	1,527	1,556	1,572	1,613	1,609	1,580	1,534	1,537	1,570	1,559	1,568	1,569
Unpaid family workers	236	227	224	265	233	232	198	207	246	212	230	208	187
Nonagricultural industries:													
Wage and salary workers	90,743	90,617	91,094	91,422	91,641	92,379	92,819	92,931	93,928	94,040	93,841	93,554	94,122
Government	15,560	15,578	15,585	15,481	15,535	15,822	15,813	15,784	15,761	15,685	15,604	15,782	15,959
Private industries	75,183	75,039	75,509	75,941	76,106	76,557	77,006	77,147	78,167	78,355	78,236	77,772	78,163
Private households	1,279	1,278	1,216	1,241	1,197	1,219	1,155	1,296	1,347	1,329	1,239	1,181	1,185
Other industries	73,904	73,761	74,293	74,700	74,909	75,339	75,851	75,851	76,820	77,026	76,997	76,591	76,979
Self-employed workers	7,656	7,695	7,800	7,734	7,936	7,849	7,755	7,834	7,707	7,828	7,717	7,829	7,721
Unpaid family workers	380	405	474	450	364	330	326	338	311	348	306	324	314
PERSONS AT WORK¹													
Nonagricultural industries	93,322	93,273	93,834	94,173	94,707	95,067	94,982	96,918	96,523	96,500	96,848	96,921	96,448
Full-time schedules	74,666	75,047	75,398	75,802	76,237	76,715	77,004	78,276	78,280	78,496	78,659	78,799	78,291
Part time for economic reasons	6,027	5,724	5,848	5,712	5,943	5,808	5,463	5,593	5,353	5,491	5,300	5,324	5,496
Usually work full time	1,771	1,617	1,719	1,672	1,771	1,611	1,472	1,530	1,549	1,654	1,589	1,749	1,675
Usually work part time	4,256	4,107	4,129	4,040	4,172	4,197	3,991	4,063	3,804	3,837	3,711	3,576	3,821
Part time for noneconomic reasons	12,629	12,502	12,588	12,659	12,527	12,545	12,515	13,049	12,889	12,514	12,889	12,797	12,662

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	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	101,876	101,970	102,606	102,941	103,190	103,892	104,140	104,402	105,288	105,748	105,395	104,969	105,239
16 to 24 years	20,217	20,085	20,338	20,377	20,401	20,628	20,616	20,639	20,873	21,127	20,760	20,221	20,541
16 to 19 years	6,379	6,260	6,411	6,440	6,392	6,488	6,457	6,500	6,505	6,631	6,518	6,251	6,410
16 to 17 years	2,320	2,257	2,332	2,355	2,321	2,342	2,376	2,379	2,493	2,453	2,429	2,321	2,477
18 to 19 years	4,062	4,012	4,064	4,092	4,114	4,153	4,082	4,125	4,024	4,176	4,079	3,860	3,941
20 to 24 years	13,838	13,825	13,927	13,937	14,008	14,140	14,159	14,139	14,368	14,496	14,241	13,970	14,131
25 years and over	81,668	81,892	82,268	82,551	82,765	83,294	83,493	83,729	84,440	84,648	84,604	84,815	84,697
25 to 54 years	67,323	67,537	67,913	68,179	68,534	68,964	69,279	69,516	70,138	70,485	70,409	70,655	70,462
55 years and over	14,368	14,364	14,364	14,347	14,239	14,293	14,212	14,274	14,260	14,179	14,223	14,195	14,265
Men, 16 years and over	57,279	57,407	57,855	58,043	58,239	58,607	58,748	58,745	59,084	59,378	59,056	59,098	59,341
16 to 24 years	10,634	10,569	10,789	10,770	10,700	10,864	10,965	10,947	11,084	11,145	10,787	10,648	10,863
16 to 19 years	3,332	3,267	3,398	3,385	3,240	3,342	3,380	3,361	3,399	3,408	3,267	3,199	3,319
16 to 17 years	1,217	1,165	1,223	1,224	1,222	1,223	1,256	1,220	1,297	1,246	1,200	1,160	1,321
18 to 19 years	2,120	2,102	2,155	2,151	2,050	2,120	2,126	2,144	2,105	2,153	2,058	1,998	2,008
20 to 24 years	7,302	7,302	7,391	7,385	7,460	7,523	7,586	7,586	7,686	7,737	7,520	7,449	7,545
25 years and over	46,666	46,834	47,073	47,266	47,531	47,745	47,777	47,798	48,044	48,260	48,213	48,466	48,526
25 to 54 years	38,173	38,334	38,550	38,757	39,049	39,271	39,418	39,431	39,622	39,909	39,866	40,053	40,090
55 years and over	8,499	8,499	8,541	8,470	8,495	8,473	8,373	8,387	8,366	8,379	8,369	8,403	8,439
Women, 16 years and over	44,597	44,563	44,751	44,898	44,950	45,285	45,392	45,657	46,205	46,370	46,339	45,871	45,898
16 to 24 years	9,583	9,516	9,549	9,607	9,700	9,763	9,651	9,692	9,789	9,982	9,973	9,573	9,677
16 to 19 years	3,047	2,993	3,013	3,055	3,152	3,147	3,078	3,139	3,107	3,223	3,252	3,052	3,091
16 to 17 years	1,103	1,092	1,109	1,131	1,099	1,119	1,120	1,159	1,196	1,207	1,229	1,161	1,156
18 to 19 years	1,942	1,910	1,909	1,941	2,064	2,033	1,956	1,981	1,919	2,023	2,021	1,862	1,933
20 to 24 years	6,536	6,523	6,536	6,552	6,548	6,617	6,573	6,553	6,682	6,759	6,721	6,520	6,586
25 years and over	35,002	35,058	35,195	35,285	35,234	35,549	35,716	35,931	36,396	36,387	36,391	36,350	36,171
25 to 54 years	29,150	29,203	29,363	29,422	29,485	29,694	29,861	30,085	30,517	30,577	30,543	30,602	30,372
55 years and over	5,869	5,865	5,823	5,877	5,744	5,820	5,839	5,887	5,893	5,801	5,853	5,792	5,825

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

(In thousands)

Sex and age	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	10,353	9,896	9,429	9,195	9,026	8,801	8,772	8,843	8,514	8,130	8,543	8,526	8,460
16 to 24 years	3,994	3,899	3,692	3,564	3,537	3,410	3,467	3,522	3,402	3,156	3,276	3,287	3,359
16 to 19 years	1,776	1,721	1,618	1,622	1,543	1,553	1,608	1,562	1,529	1,419	1,464	1,409	1,532
16 to 17 years	731	712	653	700	649	663	712	683	632	602	626	631	669
18 to 19 years	1,046	1,020	972	947	878	881	904	876	896	813	817	775	862
20 to 24 years	2,218	2,178	2,074	1,942	1,994	1,857	1,859	1,960	1,873	1,737	1,812	1,878	1,827
25 years and over	6,370	6,002	5,728	5,659	5,474	5,405	5,279	5,301	5,132	4,996	5,257	5,237	5,109
25 to 54 years	5,610	5,259	5,007	4,938	4,789	4,742	4,647	4,663	4,474	4,274	4,619	4,566	4,441
55 years and over	785	753	741	742	700	636	643	621	659	683	660	677	675
Men, 16 years and over	6,049	5,759	5,457	5,258	5,149	4,946	4,867	4,919	4,678	4,529	4,756	4,583	4,702
16 to 24 years	2,271	2,209	2,042	1,998	1,971	1,857	1,869	1,925	1,812	1,772	1,846	1,772	1,887
16 to 19 years	984	950	861	866	849	818	847	824	817	774	850	730	827
16 to 17 years	383	374	344	372	336	337	376	378	352	365	358	330	354
18 to 19 years	605	579	524	501	501	469	472	448	472	413	478	396	473
20 to 24 years	1,287	1,259	1,181	1,132	1,122	1,039	1,022	1,101	995	998	996	1,042	1,060
25 years and over	3,794	3,552	3,417	3,283	3,154	3,089	2,988	2,996	2,878	2,757	2,896	2,813	2,824
25 to 54 years	3,315	3,074	2,935	2,799	2,743	2,686	2,569	2,604	2,480	2,377	2,496	2,411	2,398
55 years and over	507	482	490	481	431	396	408	382	394	378	401	408	442
Women, 16 years and over	4,304	4,137	3,972	3,937	3,876	3,855	3,905	3,924	3,836	3,600	3,787	3,943	3,758
16 to 24 years	1,723	1,690	1,650	1,566	1,566	1,552	1,598	1,597	1,591	1,384	1,430	1,514	1,472
16 to 19 years	792	771	757	756	694	735	761	738	712	645	614	679	705
16 to 17 years	348	338	309	328	313	326	336	305	280	237	268	301	315
18 to 19 years	441	441	448	446	377	412	432	428	424	400	339	379	389
20 to 24 years	931	919	893	810	872	817	837	859	879	739	816	835	767
25 years and over	2,576	2,450	2,311	2,376	2,320	2,316	2,291	2,305	2,254	2,238	2,361	2,424	2,285
25 to 54 years	2,295	2,185	2,072	2,139	2,046	2,057	2,078	2,059	1,994	1,897	2,123	2,156	2,043
55 years and over	278	271	251	261	269	240	235	239	266	305	259	269	234

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Civilian workers)

Sex and age	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	9.2	8.8	8.4	8.2	8.0	7.8	7.8	7.8	7.5	7.1	7.5	7.5	7.4
16 to 24 years	16.5	16.3	15.4	14.9	14.8	14.2	14.4	14.6	14.0	13.0	13.6	14.0	14.1
16 to 19 years	21.8	21.6	20.2	20.1	19.4	19.3	19.9	19.4	19.0	17.6	18.3	18.4	19.3
16 to 17 years	24.0	24.0	21.9	22.9	21.9	22.1	23.1	22.3	20.2	19.7	20.5	21.4	21.3
18 to 19 years	20.5	20.3	19.3	18.8	17.6	17.5	18.1	17.5	18.2	16.3	16.7	16.7	17.9
20 to 24 years	13.8	13.6	13.0	12.2	12.5	11.6	11.6	12.2	11.5	10.7	11.3	11.8	11.5
25 years and over	7.2	6.8	6.5	6.4	6.2	6.1	5.9	6.0	5.7	5.6	5.9	5.8	5.7
25 to 54 years	7.7	7.2	6.9	6.8	6.5	6.4	6.3	6.3	6.0	5.7	6.2	6.1	5.9
55 years and over	5.2	5.0	4.9	4.9	4.7	4.3	4.3	4.2	4.4	4.6	4.4	4.6	4.5
Men, 16 years and over	9.6	9.1	8.6	8.3	8.1	7.8	7.7	7.7	7.3	7.1	7.5	7.2	7.3
16 to 24 years	17.6	17.3	15.9	15.6	15.6	14.6	14.6	15.0	14.0	13.7	14.6	14.3	14.8
16 to 19 years	22.8	22.5	20.2	20.4	20.8	19.7	20.0	19.7	19.4	18.5	20.6	18.6	19.9
16 to 17 years	23.9	24.3	22.0	23.3	21.6	21.6	23.0	23.7	21.3	22.7	23.0	22.1	21.1
18 to 19 years	22.2	21.6	19.6	18.9	19.6	18.1	18.2	17.3	18.3	16.1	18.8	16.5	19.1
20 to 24 years	15.0	14.7	13.8	13.3	13.1	12.1	11.9	12.7	11.5	11.4	11.7	12.3	12.3
25 years and over	7.5	7.0	6.8	6.5	6.2	6.1	5.9	5.9	5.7	5.4	5.7	5.5	5.5
25 to 54 years	8.0	7.4	7.1	6.7	6.6	6.4	6.1	6.2	5.9	5.6	5.9	5.7	5.6
55 years and over	5.6	5.4	5.4	5.4	4.8	4.5	4.6	4.4	4.5	4.3	4.6	4.6	5.0
Women, 16 years and over	8.8	8.5	8.2	8.1	7.9	7.8	7.9	7.9	7.7	7.2	7.6	7.9	7.6
16 to 24 years	15.2	15.1	14.7	14.0	13.9	13.7	14.2	14.1	14.0	12.2	12.5	13.7	13.2
16 to 19 years	20.6	20.5	20.1	19.8	18.0	18.9	19.8	19.0	18.6	16.7	15.9	18.2	18.6
16 to 17 years	24.0	23.6	21.8	22.5	22.2	22.6	23.1	20.8	19.0	16.4	17.9	20.6	21.4
18 to 19 years	18.5	18.8	19.0	18.7	15.4	16.9	18.1	17.8	18.1	16.5	14.4	16.9	16.8
20 to 24 years	12.5	12.3	12.0	11.0	11.7	11.0	11.3	11.6	11.6	9.9	10.8	11.4	10.4
25 years and over	6.9	6.5	6.2	6.3	6.2	6.1	6.0	6.0	5.8	5.8	6.1	6.3	5.9
25 to 54 years	7.3	7.0	6.6	6.8	6.5	6.5	6.5	6.4	6.1	5.8	6.5	6.6	6.3
55 years and over	4.5	4.4	4.1	4.3	4.5	4.0	3.9	3.9	4.3	5.0	4.2	4.4	3.9

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CHARACTERISTIC													
Total (all civilian workers)	9.2	8.8	8.4	8.2	8.0	7.8	7.8	7.8	7.5	7.1	7.5	7.5	7.4
Men, 20 years and over	8.6	8.2	7.8	7.4	7.3	7.0	6.8	6.9	6.5	6.3	6.5	6.4	6.5
Women, 20 years and over	7.8	7.5	7.2	7.1	7.1	6.9	6.9	7.0	6.8	6.4	6.9	7.1	6.7
Both sexes, 16 to 19 years	21.8	21.6	20.2	20.1	19.4	19.3	19.9	19.4	19.0	17.6	18.3	18.4	19.3
White	8.0	7.7	7.3	7.1	6.9	6.7	6.7	6.7	6.4	6.1	6.4	6.4	6.4
Black and other	17.3	16.7	16.1	16.3	15.6	14.9	15.1	15.1	14.2	13.4	15.1	14.4	13.9
Black	18.9	18.3	17.7	17.8	16.7	16.2	16.6	16.8	15.8	15.0	16.9	16.0	15.1
Hispanic origin	13.1	12.4	12.3	11.6	11.2	10.2	11.3	11.5	10.5	10.0	10.6	10.7	10.7
Married men, spouse present	6.1	5.7	5.5	5.2	5.0	4.9	4.7	4.7	4.5	4.5	4.6	4.4	4.6
Married women, spouse present	6.8	6.3	6.0	6.1	6.0	5.9	5.8	5.8	5.8	5.6	5.9	6.0	5.8
Women who maintain families	12.0	11.4	10.5	10.9	10.7	11.0	11.0	10.5	9.8	9.6	9.6	10.5	10.0
Full-time workers	9.1	8.7	8.2	8.0	7.8	7.5	7.5	7.6	7.2	6.7	7.2	7.2	7.1
Part-time workers	10.1	10.0	9.8	9.8	9.2	9.3	9.2	9.1	9.3	10.3	9.6	9.6	9.4
Unemployed 15 weeks and over ¹	3.5	3.3	3.1	3.0	2.9	2.6	2.5	2.5	2.5	2.3	2.4	2.3	2.3
Labor force time lost ²	10.5	10.0	9.7	9.4	9.2	8.9	8.8	8.9	8.5	8.3	8.7	8.5	8.5
INDUSTRY													
Nonagricultural private wage and salary workers	9.4	9.0	8.6	8.3	7.9	7.8	7.6	7.7	7.2	7.0	7.4	7.5	7.4
Mining	16.9	12.1	12.8	12.4	10.9	12.2	11.2	10.3	8.9	7.1	7.5	10.3	8.6
Construction	18.1	15.8	15.6	16.3	15.0	15.1	13.3	14.3	14.8	14.8	14.7	14.0	13.8
Manufacturing	10.2	9.6	8.9	8.3	8.4	7.5	7.5	7.7	7.1	7.2	7.5	7.5	7.6
Durable goods	10.9	10.2	9.0	8.3	8.0	7.3	7.8	7.5	7.0	7.2	6.7	6.9	7.0
Nondurable goods	9.3	8.7	8.7	8.2	8.9	7.8	7.2	8.0	7.1	7.3	8.6	8.3	8.4
Transportation and public utilities	7.4	7.2	6.7	6.5	5.1	5.9	5.0	5.4	5.5	5.2	6.1	6.2	6.1
Wholesale and retail trade	9.5	9.8	9.1	8.8	8.4	8.3	8.3	8.7	7.9	7.2	7.8	7.8	8.2
Finance and service industries	7.0	6.9	6.7	6.6	6.3	6.3	6.4	6.1	5.5	5.4	5.9	6.1	5.6
Agricultural wage and salary workers	16.5	16.2	15.7	15.6	15.5	14.0	14.6	12.2	13.9	11.8	14.6	12.8	15.0

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	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
DURATION													
Less than 5 weeks	3,740	3,504	3,328	3,382	3,233	3,359	3,386	3,438	3,238	3,174	3,462	3,555	3,286
5 to 14 weeks	2,784	2,725	2,616	2,504	2,556	2,484	2,539	2,493	2,433	2,294	2,490	2,333	2,539
15 weeks and over	3,889	3,655	3,527	3,369	3,201	2,984	2,873	2,855	2,851	2,619	2,689	2,606	2,600
15 to 26 weeks	1,383	1,372	1,337	1,284	1,166	1,173	1,114	1,111	1,186	1,008	1,100	1,113	1,085
27 weeks and over	2,506	2,283	2,190	2,085	2,035	1,810	1,759	1,744	1,664	1,611	1,589	1,493	1,515
Average (mean) duration, in weeks	20.2	20.1	20.2	19.6	20.5	18.8	18.8	18.5	18.4	18.6	18.1	17.3	17.1
Median duration, in weeks	9.4	9.5	9.4	9.0	9.2	8.3	8.3	8.1	8.7	7.2	7.6	7.5	7.6
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	35.9	35.5	35.1	36.5	36.0	38.1	38.5	39.1	38.0	39.2	40.1	41.9	39.0
5 to 14 weeks	26.7	27.6	27.6	27.1	28.4	28.1	28.9	28.4	28.6	28.4	28.8	27.5	30.1
15 weeks and over	37.3	37.0	37.2	36.4	35.6	33.8	32.7	32.5	33.5	32.4	31.1	30.7	30.9
15 to 26 weeks	13.3	13.9	14.1	13.9	13.0	13.3	12.7	12.6	13.9	12.5	12.7	13.1	12.9
27 weeks and over	24.1	23.1	23.1	22.5	22.6	20.5	20.0	19.8	19.5	19.9	18.4	17.6	18.0

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

(Numbers in thousands)

Reasons for unemployment	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
NUMBER OF UNEMPLOYED													
Job losers	5,938	5,601	5,226	5,017	4,825	4,737	4,614	4,527	4,327	4,220	4,511	4,218	4,211
On layoff	1,562	1,392	1,321	1,283	1,238	1,272	1,254	1,108	1,192	1,166	1,164	1,152	1,109
Other job losers	4,376	4,209	3,905	3,734	3,588	3,465	3,360	3,419	3,134	3,055	3,346	3,066	3,102
Job leavers	858	866	868	855	809	772	756	781	804	800	865	835	845
Reentrants	2,362	2,322	2,250	2,246	2,192	2,153	2,208	2,308	2,178	1,968	2,091	2,322	2,298
New entrants	1,234	1,127	1,154	1,150	1,175	1,092	1,213	1,216	1,186	1,136	1,092	1,093	1,052
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	57.1	56.5	55.0	54.1	53.6	54.1	52.5	51.3	50.9	51.9	52.7	49.8	50.1
On layoff	15.0	14.0	13.9	13.8	13.7	14.5	14.3	12.5	14.0	14.4	13.6	13.6	13.2
Other job losers	42.1	42.4	41.1	40.3	39.9	39.6	38.2	38.7	36.9	37.6	39.1	36.2	36.9
Job leavers	8.3	8.7	9.1	9.2	9.0	8.8	8.6	8.8	9.5	9.8	10.1	9.9	10.1
Reentrants	22.7	23.4	23.7	24.2	24.4	24.6	25.1	26.1	25.6	24.2	24.4	27.4	27.3
New entrants	11.9	11.4	12.1	12.4	13.1	12.5	13.8	13.8	14.0	14.0	12.8	12.9	12.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	5.3	5.0	4.7	4.5	4.3	4.2	4.1	4.0	3.8	3.7	4.0	3.7	3.7
Job leavers .....	.8	.8	.8	.8	.7	.7	.7	.7	.7	.7	.8	.7	.7
Reentrants	2.1	2.1	2.0	2.0	2.0	1.9	2.0	2.0	1.9	1.7	1.8	2.0	2.0
New entrants	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status and sex	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
TOTAL													
Noninstitutional population ¹	172,071	172,649	173,161	173,686	174,200	174,710	175,170	175,626	176,129	176,639	177,364	177,816	178,305
Labor force ¹	110,167	110,668	111,078	111,858	112,195	112,493	112,365	112,946	113,737	113,702	114,292	115,333	115,420
Percent of population ²	64.0	64.1	64.1	64.4	64.4	64.4	64.1	64.3	64.6	64.4	64.4	64.9	64.7
Total employed ¹	102,110	101,680	101,413	101,476	101,171	100,718	100,879	101,706	103,209	104,195	105,426	106,837	106,911
Employment-population ratio ³	59.3	58.9	58.6	58.4	58.1	57.6	57.6	57.9	58.6	59.0	59.4	60.1	60.0
Resident Armed Forces	1,658	1,659	1,664	1,666	1,678	1,664	1,665	1,669	1,680	1,689	1,685	1,691	1,710
Civilian employed	100,452	100,021	99,749	99,810	99,493	99,054	99,214	100,037	101,528	102,506	103,740	105,146	105,201
Agriculture	3,342	3,345	3,384	3,389	3,388	3,457	3,415	3,419	3,284	3,316	3,395	3,395	3,295
Nonagricultural industries	97,110	96,677	96,365	96,421	96,105	95,597	95,807	96,622	98,110	99,221	100,424	101,751	101,906
Unemployed	8,057	8,988	9,665	10,382	11,024	11,775	11,486	11,240	10,529	9,507	8,866	8,496	8,509
Unemployment rate ⁴	7.3	8.1	8.7	9.3	9.8	10.5	10.2	10.0	9.3	8.4	7.8	7.4	7.4
Not in labor force	61,904	61,981	62,083	61,828	62,005	62,217	62,805	62,680	62,392	62,938	63,072	62,484	62,885
Men													
Noninstitutional population ¹	82,163	82,442	82,678	82,926	83,167	83,435	83,720	83,934	84,178	84,424	84,812	85,026	85,263
Labor force ¹	63,400	63,560	63,725	63,991	64,038	64,284	64,063	64,479	64,841	64,798	65,060	65,324	65,407
Percent of population ²	77.2	77.1	77.1	77.2	77.0	77.0	76.5	76.8	77.0	76.8	76.7	76.8	76.7
Total employed ¹	59,008	58,511	58,202	58,033	57,605	57,357	57,359	57,901	58,676	59,306	60,073	60,615	60,727
Employment-population ratio ³	71.8	71.0	70.4	70.0	69.3	68.7	68.5	69.0	69.7	70.2	70.8	71.3	71.2
Resident Armed Forces	1,521	1,525	1,526	1,527	1,538	1,523	1,529	1,528	1,536	1,538	1,541	1,546	1,562
Civilian employed	57,487	56,986	56,676	56,506	56,067	55,834	55,830	56,373	57,140	57,768	58,531	59,069	59,165
Unemployed	4,392	5,050	5,522	5,958	6,434	6,927	6,704	6,578	6,166	5,491	4,987	4,709	4,680
Unemployment rate ⁴	6.9	7.9	8.7	9.3	10.0	10.8	10.5	10.2	9.5	8.5	7.7	7.2	7.2
Not in labor force	18,763	18,882	18,953	18,935	19,129	19,151	19,657	19,455	19,337	19,626	19,752	19,702	19,856
Women													
Noninstitutional population ¹	89,908	90,207	90,482	90,759	91,033	91,274	91,450	91,693	91,952	92,215	92,552	92,790	93,043
Labor force ¹	46,767	47,108	47,352	47,866	48,157	48,209	48,302	48,467	48,896	48,904	49,232	50,009	50,013
Percent of population ²	52.0	52.2	52.3	52.7	52.9	52.8	52.8	52.9	53.2	53.0	53.2	53.9	53.8
Total employed ¹	43,102	43,170	43,209	43,442	43,566	43,361	43,520	43,806	44,533	44,889	45,353	46,222	46,184
Employment-population ratio ³	47.9	47.9	47.8	47.9	47.9	47.5	47.6	47.8	48.4	48.7	49.0	49.8	49.6
Resident Armed Forces	137	134	137	138	140	141	136	142	144	151	144	145	148
Civilian employed	42,965	43,036	43,072	43,304	43,426	43,220	43,384	43,664	44,389	44,737	45,209	46,077	46,036
Unemployed	3,665	3,938	4,143	4,424	4,591	4,848	4,782	4,661	4,363	4,015	3,879	3,787	3,829
Unemployment rate ⁴	7.8	8.4	8.7	9.2	9.6	10.1	9.9	9.6	8.9	8.2	7.9	7.6	7.7
Not in labor force	43,141	43,099	43,130	42,893	42,876	43,065	43,148	43,226	43,056	43,311	43,320	42,781	43,030

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

² Labor force as a percent of the noninstitutional population.

³ Total employment as a percent of the noninstitutional population.

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

Armed Forces).

NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-42 through A-51 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, and age	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
TOTAL													
Civilian noninstitutional population ¹	170,413	170,990	171,497	172,020	172,522	173,046	173,505	173,957	174,449	174,950	175,679	176,125	176,595
Civilian labor force	108,509	109,009	109,414	110,192	110,517	110,829	110,700	111,277	112,057	112,012	112,607	113,642	113,710
Percent of population	63.7	63.8	63.8	64.1	64.1	64.0	63.8	64.0	64.2	64.0	64.1	64.5	64.4
Employed	100,452	100,021	99,749	99,810	99,493	99,054	99,214	100,037	101,528	102,506	103,740	105,146	105,201
Employment-population ratio ²	58.9	58.5	58.2	58.0	57.7	57.2	57.2	57.5	58.2	58.6	59.1	59.7	59.6
Unemployed	8,057	8,988	9,665	10,382	11,024	11,775	11,486	11,240	10,529	9,507	8,866	8,496	8,509
Unemployment rate	7.4	8.2	8.8	9.4	10.0	10.6	10.4	10.1	9.4	8.5	7.9	7.5	7.5
Men, 20 years and over													
Civilian noninstitutional population ¹	72,567	72,912	73,205	73,492	73,775	74,105	74,434	74,712	75,018	75,325	75,786	76,074	76,356
Civilian labor force	57,192	57,364	57,608	57,963	58,130	58,335	58,208	58,634	58,983	59,017	59,360	59,584	59,781
Percent of population	78.8	78.7	78.7	78.9	78.8	78.7	78.2	78.5	78.6	78.4	78.3	78.3	78.3
Employed	53,709	53,309	53,136	53,091	52,791	52,537	52,563	53,095	53,839	54,418	55,211	55,680	55,903
Employment-population ratio ²	74.0	73.1	72.6	72.2	71.6	70.9	70.6	71.1	71.8	72.2	72.9	73.2	73.2
Agriculture	2,372	2,382	2,399	2,426	2,422	2,440	2,421	2,453	2,476	2,362	2,376	2,458	2,416
Nonagricultural industries	51,338	50,927	50,737	50,665	50,369	50,097	50,142	50,642	51,363	52,056	52,834	53,222	53,487
Unemployed	3,482	4,055	4,472	4,873	5,338	5,798	5,645	5,539	5,144	4,599	4,149	3,904	3,878
Unemployment rate	6.1	7.1	7.8	8.4	9.2	9.9	9.7	9.4	8.7	7.8	7.0	6.6	6.5
Not in labor force	15,375	15,548	15,597	15,529	15,645	15,770	16,226	16,078	16,035	16,308	16,426	16,490	16,575
Women, 20 years and over													
Civilian noninstitutional population ¹	81,675	82,036	82,368	82,703	83,037	83,346	83,594	83,900	84,227	84,554	84,962	85,273	85,586
Civilian labor force	42,455	42,894	43,141	43,662	43,949	44,053	44,247	44,442	44,868	44,971	45,232	46,009	46,067
Percent of population	52.0	52.3	52.4	52.8	52.9	52.9	52.9	53.0	53.3	53.2	53.2	54.0	53.8
Employed	39,568	39,798	39,869	40,099	40,268	40,108	40,313	40,654	41,324	41,717	42,084	42,920	42,904
Employment-population ratio ²	48.4	48.5	48.4	48.5	48.5	48.1	48.2	48.5	49.1	49.3	49.5	50.3	50.1
Agriculture	609	612	613	601	596	599	630	620	607	629	613	617	577
Nonagricultural industries	38,959	39,186	39,256	39,497	39,671	39,509	39,683	40,034	40,717	41,088	41,471	42,303	42,327
Unemployed	2,887	3,095	3,272	3,563	3,681	3,945	3,934	3,788	3,545	3,254	3,149	3,088	3,163
Unemployment rate	6.8	7.2	7.6	8.2	8.4	9.0	8.9	8.5	7.9	7.2	7.0	6.7	6.9
Not in labor force	39,220	39,142	39,227	39,041	39,088	39,293	39,347	39,458	39,359	39,583	39,730	39,264	39,519
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	16,171	16,042	15,923	15,825	15,709	15,595	15,477	15,345	15,205	15,071	14,931	14,778	14,653
Civilian labor force	8,862	8,751	8,665	8,567	8,439	8,441	8,245	8,201	8,206	8,024	8,014	8,049	7,861
Percent of population	54.8	54.6	54.4	54.1	53.7	54.1	53.3	53.4	54.0	53.2	53.7	54.5	53.7
Employed	7,175	6,914	6,743	6,621	6,434	6,409	6,338	6,288	6,366	6,370	6,446	6,545	6,393
Employment-population ratio ²	44.4	43.1	42.3	41.8	41.0	41.1	41.0	41.0	41.9	42.3	43.2	44.3	43.6
Agriculture	362	351	371	362	369	418	356	342	336	293	327	320	301
Nonagricultural industries	6,813	6,563	6,372	6,259	6,064	5,991	5,982	5,946	6,030	6,077	6,119	6,226	6,092
Unemployed	1,688	1,838	1,922	1,946	2,005	2,032	1,907	1,912	1,840	1,654	1,568	1,503	1,468
Unemployment rate	19.0	21.0	22.2	22.7	23.8	24.1	23.1	23.3	22.4	20.6	19.6	18.7	18.7
Not in labor force	7,309	7,291	7,258	7,258	7,270	7,154	7,232	7,144	6,999	7,047	6,917	6,729	6,792

¹ The population figures are not adjusted for seasonal variation.

population.

² Civilian employment as a percent of the civilian noninstitutional

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-44. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
WHITE													
Civilian noninstitutional population ¹	148,164	148,650	148,943	149,309	149,586	149,927	150,233	150,666	150,994	151,327	152,101	152,234	152,386
Civilian labor force	94,911	95,310	95,594	96,237	96,354	96,521	96,263	96,719	97,420	97,541	98,135	98,706	98,418
Percent of population	64.1	64.1	64.2	64.5	64.4	64.4	64.1	64.2	64.5	64.5	64.5	64.8	64.6
Employed	88,815	88,403	88,150	88,239	87,840	87,368	87,459	88,231	89,485	90,353	91,478	92,378	92,118
Employment-population ratio ²	59.9	59.5	59.2	59.1	58.7	58.3	58.2	58.6	59.3	59.7	60.1	60.7	60.5
Unemployed	6,096	6,907	7,445	7,998	8,514	9,153	8,804	8,488	7,935	7,187	6,657	6,328	6,300
Unemployment rate	6.4	7.2	7.8	8.3	8.8	9.5	9.1	8.8	8.1	7.4	6.8	6.4	6.4
Men, 20 years and over													
Civilian labor force	50,655	50,805	50,970	51,215	51,315	51,434	51,243	51,620	51,887	51,995	52,334	52,437	52,418
Percent of population	79.3	79.2	79.2	79.3	79.2	79.2	78.6	78.8	79.0	78.9	78.8	78.8	78.6
Employed	47,978	47,627	47,486	47,404	47,102	46,839	46,836	47,340	47,895	48,377	49,152	49,504	49,514
Employment-population ratio ²	75.1	74.2	73.8	73.4	72.7	72.1	71.8	72.2	72.9	73.4	74.0	74.4	74.3
Unemployed	2,677	3,178	3,484	3,810	4,213	4,595	4,407	4,280	3,992	3,618	3,182	2,933	2,904
Unemployment rate	5.3	6.3	6.8	7.4	8.2	8.9	8.6	8.3	7.7	7.0	6.1	5.6	5.5
Women, 20 years and over													
Civilian labor force	36,373	36,752	36,979	37,420	37,614	37,684	37,722	37,909	38,328	38,494	38,701	39,232	39,159
Percent of population	51.4	51.7	51.8	52.3	52.4	52.3	52.2	52.3	52.7	52.7	52.7	53.4	53.2
Employed	34,270	34,460	34,516	34,752	34,850	34,711	34,821	35,147	35,756	36,162	36,405	36,960	36,851
Employment-population ratio ²	48.4	48.4	48.4	48.5	48.5	48.2	48.2	48.5	49.2	49.5	49.6	50.3	50.0
Unemployed	2,104	2,293	2,463	2,668	2,764	2,973	2,901	2,762	2,572	2,333	2,296	2,272	2,308
Unemployment rate	5.8	6.2	6.7	7.1	7.3	7.9	7.7	7.3	6.7	6.1	5.9	5.8	5.9
Both sexes, 16 to 19 years													
Civilian labor force	7,883	7,753	7,645	7,602	7,425	7,403	7,299	7,190	7,205	7,051	7,099	7,037	6,842
Percent of population	58.5	58.0	57.8	57.9	57.0	57.3	56.9	56.6	57.4	56.7	57.6	57.8	56.7
Employed	6,568	6,316	6,148	6,083	5,888	5,818	5,802	5,745	5,834	5,815	5,921	5,914	5,754
Employment-population ratio ²	48.8	47.3	46.5	46.3	45.2	45.0	45.3	45.2	46.5	46.8	48.1	48.6	47.7
Unemployed	1,315	1,437	1,497	1,520	1,537	1,585	1,497	1,445	1,371	1,236	1,178	1,123	1,088
Unemployment rate	16.7	18.5	19.6	20.0	20.7	21.4	20.5	20.1	19.0	17.5	16.6	16.0	15.9
Men	17.0	19.2	20.5	21.5	22.3	22.7	21.8	20.7	20.0	18.3	17.2	16.6	17.1
Women	16.4	17.8	18.5	18.4	19.0	20.0	19.1	19.4	18.0	16.7	16.0	15.2	14.6
BLACK													
Civilian noninstitutional population ¹	18,268	18,363	18,450	18,541	18,628	18,719	18,796	18,881	18,968	19,057	19,222	19,303	19,387
Civilian labor force	11,026	11,219	11,222	11,247	11,372	11,498	11,559	11,671	11,728	11,613	11,803	11,968	12,110
Percent of population	60.4	61.1	60.8	60.7	61.0	61.4	61.5	61.8	61.8	60.9	61.4	62.0	62.5
Employed	9,286	9,315	9,257	9,180	9,188	9,133	9,226	9,287	9,452	9,531	9,854	10,065	10,175
Employment-population ratio ²	50.8	50.7	50.2	49.5	49.3	48.8	49.1	49.2	49.8	50.0	51.3	52.1	52.5
Unemployed	1,739	1,904	1,965	2,067	2,185	2,364	2,333	2,384	2,277	2,081	1,949	1,903	1,935
Unemployment rate	15.8	17.0	17.5	18.4	19.2	20.6	20.2	20.4	19.4	17.9	16.5	15.9	16.0
Men, 20 years and over													
Civilian labor force	5,221	5,286	5,307	5,343	5,368	5,466	5,461	5,533	5,577	5,545	5,653	5,642	5,706
Percent of population	74.3	74.7	74.5	74.6	74.5	75.4	74.9	75.4	75.5	74.6	75.1	74.5	74.9
Employed	4,511	4,471	4,438	4,441	4,402	4,376	4,407	4,457	4,578	4,677	4,818	4,798	4,881
Employment-population ratio ²	64.2	63.2	62.3	62.0	61.1	60.4	60.5	60.8	62.0	62.9	64.0	63.4	64.0
Unemployed	709	816	868	901	966	1,090	1,054	1,075	998	868	834	844	825
Unemployment rate	13.6	15.4	16.4	16.9	18.0	19.9	19.3	19.4	17.9	15.7	14.8	15.0	14.5
Women, 20 years and over													
Civilian labor force	4,994	5,083	5,069	5,119	5,173	5,200	5,309	5,301	5,329	5,283	5,370	5,504	5,555
Percent of population	55.8	56.4	55.9	56.1	56.4	56.4	57.3	56.9	56.9	56.1	56.5	57.6	57.8
Employed	4,304	4,370	4,353	4,341	4,360	4,332	4,395	4,404	4,464	4,449	4,614	4,783	4,801
Employment-population ratio ²	48.1	48.5	48.0	47.6	47.5	47.0	47.5	47.3	47.7	47.2	48.5	50.0	49.9
Unemployed	690	713	716	777	813	868	914	898	865	834	756	722	754
Unemployment rate	13.8	14.0	14.1	15.2	15.7	16.7	17.2	16.9	16.2	15.8	14.1	13.1	13.6

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-44. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted—Continued

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	811	850	846	786	831	831	789	837	823	785	780	822	849
Percent of population	35.5	37.3	37.4	34.8	37.0	37.0	35.1	37.5	37.1	35.6	35.7	37.9	39.5
Employed	471	475	466	397	425	425	424	426	409	406	421	484	493
Employment-population ratio ²	20.6	20.9	20.6	17.6	18.9	18.9	18.9	19.1	18.4	18.4	19.3	22.3	22.9
Unemployed	340	375	380	388	406	406	365	411	414	379	359	338	356
Unemployment rate	41.9	44.1	44.9	49.4	48.8	48.9	46.2	49.1	50.3	48.3	46.0	41.1	41.9
Men	41.9	41.3	44.2	51.0	48.5	51.7	47.3	50.5	51.5	45.6	46.0	39.7	41.0
Women	42.0	47.2	45.7	47.6	49.2	45.7	45.0	47.6	46.8	51.4	46.0	42.6	42.9
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	9,383	9,545	9,346	9,320	9,558	9,377	9,416	9,717	9,677	9,719	9,921	9,974	9,745
Civilian labor force	5,922	6,124	6,045	5,945	5,990	5,968	6,019	6,167	6,146	6,221	6,371	6,336	6,296
Percent of population	63.1	64.2	64.7	63.8	62.7	63.6	63.9	63.5	63.5	64.0	64.2	63.5	64.6
Employed	5,339	5,440	5,310	5,150	5,125	5,052	5,083	5,293	5,360	5,467	5,677	5,660	5,625
Employment-population ratio ²	56.9	57.0	56.8	55.3	53.6	53.9	54.0	54.5	55.4	56.3	57.2	56.7	57.7
Unemployed	583	684	735	796	866	916	936	874	785	754	694	676	672
Unemployment rate	9.8	11.2	12.2	13.4	14.5	15.3	15.6	14.2	12.8	12.1	10.9	10.7	10.7

¹ The population figures are not adjusted for seasonal variation.

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

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-45. Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted

(Numbers in thousands)

Full- and part-time status, sex and age	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
FULL TIME													
Total:													
Civilian labor force	92,844	93,446	93,630	94,195	94,485	94,995	95,002	95,620	96,026	96,141	96,829	97,678	97,724
Employed ¹	86,288	85,952	85,582	85,442	85,186	84,930	85,195	86,096	87,127	88,182	89,457	90,685	90,715
Unemployed	6,556	7,494	8,048	8,753	9,299	10,064	9,807	9,524	8,899	7,959	7,372	6,993	7,009
Unemployment rate	7.1	8.0	8.6	9.3	9.8	10.6	10.3	10.0	9.3	8.3	7.6	7.2	7.2
Men, 20 years and over:													
Civilian labor force	54,291	54,496	54,626	54,954	55,054	55,305	55,073	55,594	55,865	55,869	56,261	56,536	56,750
Employed ¹	51,048	50,665	50,413	50,330	49,989	49,758	49,723	50,333	50,999	51,523	52,370	52,883	53,104
Unemployed	3,243	3,831	4,213	4,624	5,065	5,547	5,350	5,261	4,867	4,346	3,891	3,652	3,646
Unemployment rate	6.0	7.0	7.7	8.4	9.2	10.0	9.7	9.5	8.7	7.8	6.9	6.5	6.4
Women, 20 years and over:													
Civilian labor force	33,844	34,310	34,434	34,886	35,108	35,262	35,601	35,721	35,989	36,090	36,473	37,076	37,086
Employed ¹	31,487	31,712	31,716	31,898	32,041	31,932	32,271	32,541	33,007	33,417	33,846	34,520	34,498
Unemployed	2,357	2,598	2,718	2,988	3,067	3,331	3,330	3,180	2,982	2,673	2,627	2,556	2,588
Unemployment rate	7.0	7.6	7.9	8.6	8.7	9.4	9.4	8.9	8.3	7.4	7.2	6.9	7.0
Both sexes, 16 to 19 years:													
Civilian labor force	4,709	4,640	4,570	4,355	4,322	4,428	4,328	4,305	4,171	4,183	4,095	4,067	3,888
Employed ¹	3,753	3,575	3,454	3,215	3,156	3,241	3,201	3,221	3,121	3,243	3,241	3,282	3,113
Unemployed	956	1,065	1,117	1,140	1,166	1,187	1,127	1,084	1,050	940	854	785	776
Unemployment rate	20.3	23.0	24.4	26.2	27.0	26.8	26.0	25.2	25.2	22.5	20.8	19.3	19.9
PART TIME													
Total:													
Civilian labor force	15,687	15,600	15,750	16,011	16,066	15,863	15,661	15,648	16,072	15,908	15,775	15,956	16,020
Employed ¹	14,189	14,089	14,163	14,366	14,337	14,122	14,020	13,917	14,441	14,342	14,319	14,427	14,495
Unemployed	1,498	1,510	1,586	1,645	1,729	1,742	1,640	1,731	1,631	1,567	1,457	1,529	1,525
Unemployment rate	9.5	9.7	10.1	10.3	10.8	11.0	10.5	11.1	10.2	9.8	9.2	9.6	9.5
Men, 20 years and over:													
Civilian labor force	2,876	2,886	2,966	3,026	3,080	3,050	3,102	3,053	3,120	3,158	3,085	3,071	3,030
Employed ¹	2,641	2,647	2,723	2,769	2,812	2,774	2,828	2,767	2,849	2,892	2,843	2,801	2,797
Unemployed	235	239	243	257	269	276	274	287	272	266	243	270	233
Unemployment rate	8.2	8.3	8.2	8.5	8.7	9.1	8.8	9.4	8.7	8.4	7.9	8.8	7.7
Women, 20 years and over:													
Civilian labor force	8,634	8,581	8,707	8,756	8,865	8,786	8,649	8,702	8,898	8,880	8,774	8,924	8,968
Employed ¹	8,099	8,089	8,157	8,182	8,237	8,176	8,049	8,093	8,323	8,304	8,259	8,390	8,376
Unemployed	536	493	550	574	628	610	600	609	575	575	515	534	592
Unemployment rate	6.2	5.7	6.3	6.6	7.1	6.9	6.9	7.0	6.5	6.5	5.9	6.0	6.6
Both sexes, 16 to 19 years:													
Civilian labor force	4,176	4,133	4,077	4,229	4,121	4,027	3,910	3,892	4,054	3,871	3,916	3,960	4,022
Employed ¹	3,449	3,354	3,283	3,415	3,288	3,172	3,144	3,057	3,269	3,145	3,217	3,236	3,322
Unemployed	727	779	794	814	832	856	766	835	785	726	699	724	700
Unemployment rate	17.4	18.8	19.5	19.3	20.2	21.2	19.6	21.5	19.4	18.7	17.8	18.3	17.4

¹ Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
CHARACTERISTIC													
Total	100,452	100,021	99,749	99,810	99,493	99,054	99,214	100,037	101,528	102,506	103,740	105,146	105,201
Married men, spouse present	38,819	38,547	38,329	38,287	38,032	37,642	37,511	37,710	38,256	38,374	38,840	39,098	39,061
Married women, spouse present	23,868	23,811	23,866	24,148	24,145	24,055	24,177	24,360	24,815	25,050	25,133	25,655	25,707
Women who maintain families	4,977	5,061	5,102	5,091	5,170	5,033	5,046	4,996	5,097	5,221	5,361	5,616	5,527
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,460	1,440	1,423	1,477	1,517	1,592	1,597	1,597	1,610	1,499	1,506	1,625	1,502
Self-employed workers	1,632	1,628	1,646	1,658	1,622	1,619	1,578	1,581	1,551	1,552	1,601	1,547	1,566
Unpaid family workers	250	272	323	259	250	233	242	235	242	239	221	222	208
Nonagricultural industries:													
Wage and salary workers	89,649	89,152	88,801	88,733	88,442	87,879	87,953	88,773	90,154	91,044	92,280	93,633	93,839
Government	15,532	15,487	15,536	15,518	15,558	15,460	15,472	15,523	15,608	15,548	15,723	15,743	15,782
Private industries	74,117	73,665	73,265	73,216	72,884	72,419	72,481	73,250	74,546	75,496	76,556	77,890	78,057
Private households	1,177	1,230	1,215	1,204	1,203	1,210	1,212	1,251	1,275	1,245	1,190	1,324	1,202
Other industries	72,940	72,435	72,050	72,012	71,681	71,209	71,269	71,999	73,271	74,251	75,366	76,566	76,856
Self-employed workers	7,108	7,118	7,080	7,280	7,342	7,336	7,433	7,487	7,631	7,743	7,847	7,790	7,756
Unpaid family workers	394	415	419	406	395	381	357	350	359	443	340	332	315
PERSONS AT WORK¹													
Nonagricultural industries	91,474	91,166	90,606	91,067	90,482	90,124	90,484	91,405	92,467	93,760	94,919	96,647	96,739
Full-time schedules	74,507	73,731	72,951	72,673	71,952	71,412	71,834	73,196	74,003	75,416	76,652	78,351	78,583
Part time for economic reasons	4,508	5,076	5,322	5,744	5,983	6,385	6,403	5,976	5,864	5,761	5,738	5,479	5,373
Usually work full time	1,726	2,005	2,027	2,227	2,210	2,234	2,044	1,804	1,765	1,669	1,618	1,578	1,671
Usually work part time	2,782	3,071	3,295	3,517	3,773	4,151	4,359	4,172	4,100	4,092	4,120	3,901	3,702
Part time for noneconomic reasons	12,459	12,360	12,333	12,650	12,547	12,327	12,247	12,234	12,600	12,583	12,529	12,817	12,783

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

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

(In thousands)

Sex and age	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	100,452	100,021	99,749	99,810	99,493	99,054	99,214	100,037	101,528	102,506	103,740	105,146	105,201
16 to 24 years	21,313	20,913	20,585	20,404	20,045	19,932	19,859	19,911	20,201	20,267	20,548	20,880	20,507
16 to 19 years	7,175	6,914	6,743	6,621	6,434	6,409	6,338	6,288	6,366	6,370	6,446	6,545	6,393
16 to 17 years	2,855	2,735	2,657	2,557	2,407	2,399	2,358	2,298	2,311	2,315	2,346	2,442	2,409
18 to 19 years	4,308	4,185	4,083	4,071	4,027	3,992	3,984	3,999	4,047	4,056	4,116	4,108	3,960
20 to 24 years	14,139	13,999	13,842	13,784	13,611	13,523	13,520	13,622	13,835	13,896	14,102	14,334	14,114
25 years and over	79,153	79,097	79,155	79,403	79,471	79,119	79,347	80,115	81,350	82,237	83,184	84,272	84,705
25 to 54 years	64,740	64,772	64,852	65,003	65,080	64,863	65,132	65,989	67,092	67,876	68,926	70,046	70,509
55 years and over	14,421	14,322	14,278	14,405	14,400	14,259	14,185	14,139	14,274	14,358	14,248	14,237	14,227
Men, 16 years and over	57,487	56,986	56,676	56,506	56,067	55,834	55,830	56,373	57,140	57,768	58,531	59,069	59,165
16 to 24 years	11,326	11,072	10,855	10,655	10,416	10,393	10,345	10,458	10,602	10,709	10,843	11,058	10,766
16 to 19 years	3,778	3,676	3,540	3,415	3,275	3,297	3,267	3,278	3,301	3,350	3,321	3,389	3,261
16 to 17 years	1,526	1,481	1,406	1,355	1,228	1,238	1,245	1,196	1,208	1,204	1,234	1,254	1,227
18 to 19 years	2,253	2,193	2,126	2,067	2,058	2,037	2,025	2,088	2,097	2,136	2,099	2,134	2,021
20 to 24 years	7,548	7,395	7,315	7,240	7,141	7,096	7,077	7,180	7,301	7,359	7,523	7,670	7,505
25 years and over	46,161	45,905	45,814	45,862	45,654	45,437	45,482	45,922	46,536	47,058	47,684	48,034	48,402
25 to 54 years	37,481	37,296	37,239	37,242	37,106	36,959	37,055	37,520	38,059	38,547	39,246	39,654	40,003
55 years and over	8,678	8,601	8,575	8,626	8,552	8,471	8,424	8,408	8,483	8,503	8,447	8,377	8,404
Women, 16 years and over	42,965	43,036	43,072	43,304	43,426	43,220	43,384	43,664	44,389	44,737	45,209	46,077	46,036
16 to 24 years	9,987	9,841	9,730	9,750	9,629	9,539	9,514	9,453	9,599	9,557	9,705	9,821	9,741
16 to 19 years	3,397	3,237	3,203	3,206	3,158	3,112	3,071	3,010	3,065	3,020	3,125	3,157	3,132
16 to 17 years	1,329	1,254	1,251	1,202	1,179	1,161	1,113	1,102	1,104	1,111	1,113	1,187	1,182
18 to 19 years	2,055	1,993	1,957	2,004	1,970	1,955	1,959	1,911	1,951	1,920	2,018	1,974	1,939
20 to 24 years	6,590	6,604	6,527	6,544	6,470	6,427	6,443	6,443	6,534	6,537	6,579	6,665	6,609
25 years and over	32,991	33,193	33,341	33,541	33,817	33,682	33,865	34,193	34,815	35,179	35,500	36,238	36,304
25 to 54 years	27,259	27,476	27,613	27,761	27,974	27,904	28,077	28,469	29,032	29,329	29,680	30,393	30,506
55 years and over	5,743	5,731	5,702	5,779	5,849	5,788	5,761	5,731	5,792	5,855	5,801	5,860	5,823

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Sex and age	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	8,057	8,988	9,665	10,382	11,024	11,775	11,486	11,240	10,529	9,507	8,866	8,496	8,509
16 to 24 years	3,622	3,930	4,148	4,290	4,435	4,624	4,449	4,344	4,096	3,718	3,471	3,360	3,307
16 to 19 years	1,688	1,838	1,922	1,946	2,005	2,032	1,907	1,912	1,840	1,654	1,568	1,503	1,468
16 to 17 years	736	771	797	813	844	870	770	795	755	688	675	639	642
18 to 19 years	943	1,076	1,122	1,133	1,152	1,175	1,132	1,116	1,075	980	888	862	818
20 to 24 years	1,934	2,093	2,226	2,344	2,430	2,592	2,542	2,432	2,256	2,065	1,903	1,857	1,839
25 years and over	4,427	5,057	5,518	6,104	6,582	7,155	7,031	6,908	6,427	5,796	5,386	5,143	5,201
25 to 54 years	3,886	4,476	4,860	5,338	5,804	6,315	6,216	6,067	5,662	5,068	4,726	4,470	4,542
55 years and over	545	584	657	748	793	848	813	816	783	745	660	654	671
Men, 16 years and over	4,392	5,050	5,522	5,958	6,434	6,927	6,704	6,578	6,166	5,491	4,987	4,709	4,680
16 to 24 years	2,002	2,222	2,361	2,450	2,533	2,665	2,534	2,485	2,359	2,083	1,899	1,836	1,835
16 to 19 years	910	995	1,050	1,086	1,095	1,129	1,059	1,039	1,022	892	838	805	802
16 to 17 years	400	418	443	463	473	495	418	432	419	363	350	365	347
18 to 19 years	505	580	602	627	617	639	635	612	597	535	481	444	449
20 to 24 years	1,092	1,227	1,311	1,364	1,438	1,536	1,475	1,445	1,337	1,191	1,061	1,031	1,033
25 years and over	2,387	2,828	3,159	3,518	3,898	4,269	4,160	4,100	3,804	3,417	3,077	2,877	2,844
25 to 54 years	2,078	2,481	2,757	3,065	3,426	3,722	3,641	3,571	3,321	2,936	2,666	2,487	2,435
55 years and over	315	349	400	442	482	547	519	519	493	484	412	385	417
Women, 16 years and over	3,665	3,938	4,143	4,424	4,591	4,848	4,782	4,661	4,363	4,015	3,879	3,787	3,829
16 to 24 years	1,620	1,709	1,787	1,840	1,902	1,959	1,914	1,860	1,737	1,635	1,572	1,524	1,472
16 to 19 years	778	843	871	861	910	903	848	873	818	761	730	698	666
16 to 17 years	336	353	354	350	371	375	353	363	336	325	325	274	295
18 to 19 years	438	496	520	506	534	536	497	504	477	445	407	417	369
20 to 24 years	842	866	915	979	992	1,056	1,067	987	919	874	842	826	806
25 years and over	2,040	2,229	2,360	2,586	2,684	2,886	2,871	2,809	2,623	2,379	2,309	2,266	2,357
25 to 54 years	1,809	1,995	2,103	2,273	2,379	2,593	2,574	2,496	2,341	2,132	2,060	1,984	2,107
55 years and over	229	235	257	306	311	301	294	297	290	261	248	270	254

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

(Civilian workers)

Sex and age	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	7.4	8.2	8.8	9.4	10.0	10.6	10.4	10.1	9.4	8.5	7.9	7.5	7.5
16 to 24 years	14.5	15.8	16.8	17.4	18.1	18.8	18.3	17.9	16.9	15.5	14.5	13.9	13.9
16 to 19 years	19.0	21.0	22.2	22.7	23.8	24.1	23.1	23.3	22.4	20.6	19.6	18.7	18.7
16 to 17 years	20.5	22.0	23.1	24.1	26.0	26.6	24.6	25.7	24.6	22.9	22.3	20.7	21.0
18 to 19 years	18.0	20.5	21.6	21.8	22.2	22.7	22.1	21.8	21.0	19.5	17.7	17.3	17.1
20 to 24 years	12.0	13.0	13.9	14.5	15.1	16.1	15.8	15.1	14.0	12.9	11.9	11.5	11.5
25 years and over	5.3	6.0	6.5	7.1	7.6	8.3	8.1	7.9	7.3	6.6	6.1	5.8	5.8
25 to 54 years	5.7	6.5	7.0	7.6	8.2	8.9	8.7	8.4	7.8	6.9	6.4	6.0	6.1
55 years and over	3.6	3.9	4.4	4.9	5.2	5.6	5.4	5.5	5.2	4.9	4.4	4.4	4.5
Men, 16 years and over	7.1	8.1	8.9	9.5	10.3	11.0	10.7	10.4	9.7	8.7	7.9	7.4	7.3
16 to 24 years	15.0	16.7	17.9	18.7	19.6	20.4	19.7	19.2	18.2	16.3	14.9	14.2	14.6
16 to 19 years	19.4	21.3	22.9	24.1	25.1	25.5	24.5	24.1	23.6	21.0	20.2	19.2	19.7
16 to 17 years	20.8	22.0	24.0	25.5	27.8	28.6	25.1	26.5	25.8	23.2	22.1	22.5	22.1
18 to 19 years	18.3	20.9	22.1	23.3	23.1	23.9	23.9	22.7	22.0	20.0	18.6	17.2	18.2
20 to 24 years	12.6	14.2	15.2	15.9	16.8	17.8	17.2	16.8	15.5	13.9	12.4	11.9	12.1
25 years and over	4.9	5.8	6.4	7.1	7.9	8.6	8.4	8.2	7.6	6.8	6.1	5.7	5.6
25 to 54 years	5.3	6.2	6.9	7.6	8.5	9.1	8.9	8.7	8.0	7.1	6.4	5.9	5.7
55 years and over	3.5	3.9	4.5	4.9	5.3	6.1	5.8	5.8	5.5	5.4	4.6	4.4	4.7
Women, 16 years and over	7.9	8.4	8.8	9.3	9.6	10.1	9.9	9.6	8.9	8.2	7.9	7.6	7.7
16 to 24 years	14.0	14.8	15.5	15.9	16.5	17.0	16.8	16.4	15.3	14.6	13.9	13.4	13.1
16 to 19 years	18.6	20.7	21.4	21.2	22.4	22.5	21.6	22.5	21.1	20.1	18.9	18.1	17.5
16 to 17 years	20.2	22.0	22.0	22.6	23.9	24.4	24.1	24.8	23.3	22.6	22.6	18.8	20.0
18 to 19 years	17.6	19.9	21.0	20.2	21.3	21.5	20.2	20.9	19.7	18.8	16.8	17.4	16.0
20 to 24 years	11.3	11.6	12.3	13.0	13.3	14.1	14.2	13.3	12.3	11.8	11.3	11.0	10.9
25 years and over	5.8	6.3	6.6	7.2	7.4	7.9	7.8	7.6	7.0	6.3	6.1	5.9	6.1
25 to 54 years	6.2	6.8	7.1	7.6	7.8	8.5	8.4	8.1	7.5	6.8	6.5	6.1	6.5
55 years and over	3.8	3.9	4.3	5.0	5.0	4.9	4.9	4.9	4.8	4.3	4.1	4.4	4.2

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-50. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
CHARACTERISTIC													
Total (all civilian workers)	7.4	8.2	8.8	9.4	10.0	10.6	10.4	10.1	9.4	8.5	7.9	7.5	7.5
Men, 20 years and over	6.1	7.1	7.8	8.4	9.2	9.9	9.7	9.4	8.7	7.8	7.0	6.6	6.5
Women, 20 years and over	6.8	7.2	7.6	8.2	8.4	9.0	8.9	8.5	7.9	7.2	7.0	6.7	6.9
Both sexes, 16 to 19 years	19.0	21.0	22.2	22.7	23.8	24.1	23.1	23.3	22.4	20.6	19.6	18.7	18.7
White	6.4	7.2	7.8	8.3	8.8	9.5	9.1	8.8	8.1	7.4	6.8	6.4	6.4
Black and other	14.4	15.4	16.1	16.9	17.7	18.7	18.5	18.6	17.7	16.4	15.2	14.2	14.4
Black	15.8	17.0	17.5	18.4	19.2	20.6	20.2	20.4	19.4	17.9	16.5	15.9	16.0
Hispanic origin	9.8	11.2	12.2	13.4	14.5	15.3	15.6	14.2	12.8	12.1	10.9	10.7	10.7
Married men, spouse present	4.1	5.0	5.5	6.2	6.9	7.5	7.2	6.9	6.2	5.5	4.8	4.6	4.5
Married women, spouse present	5.8	6.3	6.8	7.3	7.4	8.1	7.7	7.5	6.9	6.2	5.9	5.7	5.9
Women who maintain families	10.7	10.7	10.5	11.7	12.1	12.5	13.2	12.7	11.9	11.0	10.9	10.0	10.0
Full-time workers	7.1	8.0	8.6	9.3	9.8	10.6	10.3	10.0	9.3	8.3	7.6	7.2	7.2
Part-time workers	9.5	9.7	10.1	10.3	10.8	11.0	10.5	11.1	10.2	9.8	9.2	9.6	9.5
Unemployed 15 weeks and over ¹	2.1	2.1	2.5	3.0	3.4	4.0	4.2	4.0	3.7	3.1	2.7	2.4	2.3
Labor force time lost ²	8.3	9.3	10.0	10.6	11.3	12.1	11.8	11.4	10.6	9.7	9.0	8.6	8.6
INDUSTRY													
Nonagricultural private wage and salary workers	7.5	8.4	9.1	9.9	10.4	11.3	10.8	10.3	9.6	8.6	7.8	7.3	7.5
Mining	5.7	7.3	8.8	11.8	16.4	18.2	18.6	19.7	16.1	12.4	11.4	8.7	8.8
Construction	15.7	17.6	18.5	19.1	20.8	22.1	20.1	19.5	18.0	15.9	14.5	14.6	14.2
Manufacturing	7.6	9.4	10.5	11.7	12.9	14.2	13.0	12.1	10.7	8.9	7.8	7.3	7.5
Durable goods	7.3	9.5	11.0	12.5	14.0	16.1	14.5	13.2	11.3	9.2	7.7	7.2	6.9
Nondurable goods	8.0	9.2	9.9	10.6	11.4	11.4	10.9	10.5	9.8	8.6	8.0	7.5	8.5
Transportation and public utilities	4.6	5.4	5.9	6.7	7.0	8.1	7.8	7.6	7.5	6.8	5.3	5.4	6.2
Wholesale and retail trade	8.2	8.7	9.3	10.0	10.1	10.7	10.9	10.2	9.7	9.2	8.3	7.9	7.9
Finance and service industries	5.8	6.2	6.4	6.9	6.9	7.6	7.4	7.3	7.2	6.7	6.3	5.6	5.9
Agricultural wage and salary workers	11.9	13.9	14.1	15.7	14.5	15.0	16.0	16.7	15.5	15.8	14.7	12.7	14.2

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.

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

(Numbers in thousands)

Weeks of unemployment	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
DURATION													
Less than 5 weeks	3,379	3,805	3,870	3,823	3,944	3,913	3,622	3,598	3,634	3,405	3,326	3,283	3,434
5 to 14 weeks	2,465	2,815	3,108	3,330	3,373	3,454	3,224	3,034	2,859	2,615	2,527	2,407	2,454
15 weeks and over	2,228	2,343	2,698	3,270	3,735	4,449	4,608	4,464	4,122	3,517	3,020	2,775	2,632
15 to 26 weeks	1,106	1,190	1,431	1,632	1,831	2,053	1,914	1,686	1,591	1,331	1,151	1,102	1,100
27 weeks and over	1,122	1,153	1,267	1,638	1,905	2,396	2,693	2,778	2,530	2,186	1,868	1,673	1,532
Average (mean) duration, in weeks	13.9	13.3	13.8	15.1	16.0	17.7	19.2	20.3	20.5	20.0	19.4	18.5	17.5
Median duration, in weeks	7.1	6.9	7.5	8.5	8.9	10.1	10.5	11.2	9.6	9.3	8.6	8.0	7.6
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	41.9	42.5	40.0	36.7	35.7	33.1	31.6	32.4	34.2	35.7	37.5	38.8	40.3
5 to 14 weeks	30.5	31.4	32.1	31.9	30.5	29.2	28.1	27.3	26.9	27.4	28.5	28.4	28.8
15 weeks and over	27.6	26.1	27.9	31.4	33.8	37.6	40.2	40.2	38.8	36.9	34.0	32.8	30.9
15 to 26 weeks	13.7	13.3	14.8	15.7	16.6	17.4	16.7	15.2	15.0	14.0	13.0	13.0	12.9
27 weeks and over	13.9	12.9	13.1	15.7	17.2	20.3	23.5	25.0	23.8	22.9	21.1	19.8	18.0

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Reasons for unemployment	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
NUMBER OF UNEMPLOYED													
Job losers	4,160	4,830	5,412	5,999	6,560	7,278	6,841	6,682	6,102	5,281	4,725	4,358	4,313
On layoff	1,322	1,721	1,864	2,021	2,303	2,422	2,080	1,926	1,652	1,332	1,255	1,155	1,142
Other job losers	2,838	3,109	3,548	3,978	4,256	4,856	4,761	4,756	4,450	3,949	3,471	3,202	3,172
Job leavers	927	933	878	872	817	801	848	808	803	863	779	795	848
Reentrants	2,049	2,250	2,218	2,388	2,447	2,501	2,507	2,444	2,419	2,273	2,184	2,151	2,237
New entrants	935	1,011	1,092	1,108	1,265	1,275	1,190	1,303	1,226	1,144	1,160	1,179	1,079
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	51.5	53.5	56.4	57.9	59.2	61.4	60.1	59.5	57.8	55.2	53.4	51.4	50.9
On layoff	16.4	19.1	19.4	19.5	20.8	20.4	18.3	17.1	15.7	13.9	14.2	13.6	13.5
Other job losers	35.2	34.4	37.0	38.4	38.4	41.0	41.8	42.3	42.2	41.3	39.2	37.7	37.4
Job leavers	11.5	10.3	9.1	8.4	7.4	6.8	7.4	7.2	7.6	9.0	8.8	9.4	10.0
Reentrants	25.4	24.9	23.1	23.0	22.1	21.1	22.0	21.7	22.9	23.8	24.7	25.4	26.4
New entrants	11.6	11.2	11.4	10.7	11.4	10.8	10.4	11.6	11.6	12.0	13.1	13.9	12.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.8	4.4	4.9	5.4	5.9	6.6	6.2	6.0	5.4	4.7	4.2	3.8	3.8
Job leavers .....	.9	.9	.8	.8	.7	.7	.8	.7	.7	.8	.7	.7	.7
Reentrants	1.9	2.1	2.0	2.2	2.2	2.3	2.3	2.2	2.2	2.0	1.9	1.9	2.0
New entrants .....	.9	.9	1.0	1.0	1.1	1.2	1.1	1.2	1.1	1.0	1.0	1.0	.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason, sex, and race	1981		1982				1983				1984		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
TOTAL													
Total not in labor force	61,904	61,981	62,083	61,828	62,005	62,217	62,805	62,680	62,392	62,938	63,072	62,484	62,885
Do not want a job now	56,192	55,936	55,987	55,693	55,447	55,326	56,104	55,986	55,690	56,526	56,957	56,474	57,165
Current activity:													
Going to school	6,585	6,518	6,343	6,810	6,399	6,441	6,607	6,399	6,462	6,540	6,713	6,379	7,014
Ill, disabled	4,346	4,277	4,084	4,030	4,040	3,988	3,975	4,064	3,804	3,814	4,096	4,145	4,007
Keeping house	29,010	28,541	28,925	28,324	28,267	28,134	28,350	28,261	28,267	28,539	28,484	27,864	27,959
Retired	11,934	12,108	12,073	12,187	12,491	12,567	12,987	13,003	12,892	13,196	13,466	13,705	13,619
Other activity	4,318	4,492	4,562	4,343	4,251	4,196	4,185	4,239	4,265	4,437	4,198	4,381	4,566
Want a job now	5,667	6,002	6,187	6,610	6,594	6,929	6,452	6,540	6,756	6,335	6,182	6,017	5,987
Reason not looking:													
School attendance	1,501	1,564	1,636	1,734	1,746	1,851	1,641	1,518	1,832	1,538	1,526	1,633	1,583
Ill health, disability	691	840	771	788	760	761	656	701	841	868	886	816	822
Home responsibilities	1,184	1,401	1,359	1,450	1,371	1,390	1,390	1,436	1,442	1,384	1,503	1,192	1,426
Think cannot get a job	1,110	1,171	1,337	1,504	1,641	1,813	1,765	1,726	1,610	1,457	1,339	1,295	1,197
Job-market factors	822	889	1,026	1,090	1,238	1,393	1,408	1,316	1,197	1,046	938	935	881
Personal factors	288	282	311	414	404	420	357	411	413	411	401	359	315
Other reasons ¹	1,182	1,026	1,083	1,135	1,075	1,113	1,000	1,159	1,032	1,089	1,128	1,082	959
Men													
Total not in labor force	18,763	18,882	18,953	18,935	19,129	19,151	19,657	19,455	19,337	19,626	19,752	19,702	19,856
Do not want a job now	16,931	16,870	16,815	16,985	17,024	16,880	17,227	17,187	16,968	17,473	17,753	17,591	17,852
Want a job now	1,813	2,000	2,085	2,162	2,276	2,361	2,187	2,203	2,409	2,173	2,013	2,068	1,980
Reason not looking:													
School attendance	710	788	884	908	931	1,001	869	775	1,079	826	806	798	798
Ill health, disability	311	413	325	338	334	299	289	308	379	380	337	354	395
Think cannot get a job	396	435	503	572	610	683	695	683	607	620	486	515	456
Other reasons ¹	397	364	372	344	401	379	334	436	345	346	385	401	330
Women													
Total not in labor force	43,141	43,099	43,130	42,893	42,876	43,065	43,148	43,226	43,056	43,311	43,320	42,781	43,030
Do not want a job now	39,261	39,067	39,172	38,707	38,423	38,446	38,877	38,799	38,723	39,053	39,204	38,883	39,313
Want a job now	3,854	4,002	4,102	4,448	4,318	4,568	4,265	4,338	4,347	4,162	4,168	3,949	4,007
Reason not looking:													
School attendance	791	776	752	826	815	850	772	743	753	711	720	835	785
Ill health, disability	380	427	446	450	426	463	367	393	462	488	349	462	427
Home responsibilities	1,184	1,401	1,359	1,450	1,371	1,390	1,390	1,436	1,442	1,384	1,503	1,192	1,426
Think cannot get a job	714	736	834	932	1,031	1,131	1,070	1,043	1,003	836	853	780	741
Other reasons ¹	785	662	711	791	674	734	666	723	687	743	743	680	628
White													
Total not in labor force	53,253	53,340	53,349	53,072	53,232	53,406	53,970	53,947	53,574	53,786	53,966	53,528	53,968
Do not want a job now	49,004	48,861	48,932	48,473	48,519	48,477	49,114	49,132	48,849	49,099	49,702	49,333	46,198
Want a job now	4,118	4,384	4,471	4,661	4,801	4,960	4,734	4,775	4,734	4,605	4,447	4,202	4,263
Reason not looking:													
School attendance	998	1,151	1,190	1,195	1,254	1,305	1,215	1,109	1,144	1,105	1,082	1,108	1,058
Ill health, disability	499	559	539	547	549	503	486	510	634	615	534	556	609
Home responsibilities	870	1,052	1,000	1,015	1,040	1,044	1,053	1,003	1,061	1,039	1,100	826	1,046
Think cannot get a job	751	801	877	982	1,083	1,252	1,194	1,245	1,076	974	884	830	797
Other reasons ¹	1,000	822	867	922	875	856	787	907	819	872	847	881	752
Black													
Total not in labor force	7,242	7,144	7,228	7,294	7,256	7,221	7,237	7,210	7,240	7,444	7,419	7,335	7,277
Do not want a job now	5,907	5,756	5,620	5,578	5,639	5,533	5,652	5,684	5,556	5,917	5,894	5,812	5,844
Want a job now	1,386	1,399	1,601	1,683	1,603	1,746	1,570	1,514	1,679	1,555	1,584	1,520	1,453
Reason not looking:													
School attendance	411	356	402	431	411	487	404	330	476	425	402	422	359
Ill health, disability	192	224	237	223	216	210	171	170	207	193	160	225	216
Home responsibilities	290	319	317	367	303	330	311	354	354	308	352	292	344
Think cannot get a job	324	334	438	471	500	522	512	431	473	458	407	403	353
Other reasons ¹	168	166	207	191	172	196	172	230	169	171	263	176	180

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason and sex	Total		Age							
	III 1983	III 1984	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
TOTAL										
Total not in labor force	61,198	61,556	5,952	5,746	4,229	4,223	22,206	21,962	28,810	29,625
Do not want a job now	54,869	55,941	4,706	4,776	3,153	3,278	18,759	18,859	28,248	29,027
Current activity:										
Going to school	3,724	3,798	2,076	2,152	1,024	1,040	615	590	10	15
Ill, disabled	3,843	4,047	48	46	96	121	1,768	1,925	1,930	1,956
Keeping house	28,305	27,962	529	420	1,408	1,356	13,398	13,271	12,967	12,914
Retired	13,093	13,817	-	-	-	-	321	381	12,769	13,436
Other activity	5,904	6,317	2,053	2,158	625	761	2,657	2,692	572	706
Want a job now	6,328	5,615	1,245	968	1,075	945	3,447	3,102	560	597
Reason for not looking:										
School attendance	973	832	576	454	205	165	187	205	4	8
Ill health, disability	810	797	25	27	101	63	523	502	161	204
Home responsibilities	1,620	1,603	96	80	352	330	1,121	1,146	51	47
Think cannot get a job	1,661	1,238	310	189	247	194	926	669	179	186
Job-market factors	1,233	890	230	136	186	169	738	520	78	67
Personal factors	429	348	80	53	61	25	188	149	101	119
Other reasons ¹	1,263	1,145	238	218	170	193	690	580	165	152
Men										
Total not in labor force	18,475	18,864	2,723	2,711	1,223	1,259	3,680	3,680	10,849	11,213
Do not want a job now	16,537	17,217	2,129	2,255	883	994	2,898	3,007	10,630	10,961
Current activity:										
Going to school	1,811	1,815	1,022	1,093	522	518	264	201	3	4
Ill, disabled	2,103	2,157	21	32	45	69	1,027	1,066	1,012	991
Keeping house	315	369	25	18	6	15	87	107	196	229
Retired	9,275	9,573	-	-	-	-	266	306	9,007	9,266
Other activity	3,034	3,303	1,061	1,112	310	392	1,254	1,327	412	471
Want a job now	1,937	1,646	594	455	341	266	785	674	219	251
Reason for not looking:										
School attendance	515	383	319	226	115	67	82	84	-	5
Ill health, disability	358	376	6	11	56	33	231	239	64	93
Think cannot get a job	640	484	157	109	101	93	292	192	92	90
Other reasons ¹	424	404	112	109	69	73	180	159	63	63
Women										
Total not in labor force	42,723	42,693	3,229	3,035	3,006	2,964	18,527	18,282	17,960	18,412
Do not want a job now	38,332	38,724	2,579	2,524	2,270	2,284	15,862	15,851	17,618	18,065
Current activity:										
Going to school	1,914	1,984	1,054	1,060	501	522	350	389	8	12
Ill, disabled	1,740	1,891	29	14	52	52	741	858	918	965
Keeping house	27,989	27,592	504	404	1,402	1,341	13,312	13,164	12,771	12,885
Retired	3,819	4,244	-	-	-	-	56	76	3,762	4,168
Other activity	2,870	3,013	992	1,046	315	369	1,403	1,364	159	235
Want a job now	4,390	3,968	650	513	737	679	2,664	2,430	341	346
Reason not looking:										
School attendance	458	449	258	227	91	98	106	121	4	3
Ill health, disability	452	421	18	16	45	30	293	264	97	111
Home responsibilities	1,620	1,603	96	80	352	330	1,121	1,146	51	47
Think cannot get a job	1,021	754	152	80	147	101	634	477	87	96
Other reasons ¹	839	741	126	110	102	120	510	422	102	89

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason, race, and Hispanic origin	Total		Age						Sex			
	III 1983	III 1984	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
WHITE												
Total not in labor force	52,646	52,909	7,732	7,666	18,927	18,556	25,988	26,687	15,627	15,926	37,019	36,983
Do not want a job now	48,117	48,827	6,208	6,342	16,404	16,271	25,501	26,217	14,267	14,716	33,851	34,112
Current activity:												
Going to school	2,837	2,826	2,369	2,425	454	387	11	15	1,388	1,394	1,449	1,432
Ill, disabled	3,106	3,240	115	133	1,430	1,536	1,559	1,572	1,721	1,734	1,385	1,506
Keeping house	25,485	25,164	1,613	1,499	12,020	11,845	11,853	11,820	254	290	25,231	24,874
Retired	11,870	12,501	-	-	285	339	11,581	12,163	8,464	8,694	3,406	3,807
Other activity	4,820	5,097	2,111	2,285	2,215	2,164	497	647	2,440	2,604	2,380	2,493
Want a job now	4,529	4,082	1,522	1,319	2,522	2,287	487	472	1,361	1,210	3,167	2,872
Reason for not looking:												
School attendance	623	568	508	425	112	134	4	8	328	260	295	308
Ill health, disability	599	579	83	71	389	367	127	141	261	283	338	296
Home responsibilities	1,216	1,211	286	269	883	898	47	43	-	-	1,216	1,211
Think cannot get a job	1,090	808	334	232	599	420	159	156	459	336	631	472
Other reasons ¹	1,001	917	311	322	539	468	150	124	313	331	687	586
BLACK												
Total not in labor force	6,989	7,011	2,046	1,889	2,525	2,619	2,418	2,505	2,322	2,388	4,667	4,623
Do not want a job now	5,395	5,659	1,321	1,352	1,727	1,918	2,345	2,390	1,822	2,024	3,575	3,635
Current activity:												
Going to school	643	703	562	598	80	107	-	-	286	273	357	430
Ill, disabled	661	752	29	27	305	362	327	361	335	404	326	347
Keeping house	2,208	2,138	273	239	966	987	969	912	46	66	2,163	2,073
Retired	1,020	1,109	-	-	27	37	992	1,073	676	727	344	382
Other activity	864	957	457	488	349	425	57	44	479	554	385	403
Want a job now	1,593	1,352	725	534	798	703	72	114	500	365	1,092	987
Reason for not looking:												
School attendance	289	206	237	160	52	45	-	-	153	87	135	119
Ill health, disability	194	202	35	17	125	122	34	64	87	84	107	119
Home responsibilities	363	352	152	131	206	217	5	4	-	-	363	352
Think cannot get a job	533	396	213	141	300	231	20	24	168	130	365	266
Other reasons ¹	215	195	88	85	115	88	13	22	92	64	122	131
HISPANIC ORIGIN												
Total not in labor force	3,421	3,341	974	922	1,658	1,645	788	773	867	865	2,553	2,476
Do not want a job now	2,926	2,874	737	719	1,420	1,404	772	754	719	729	2,206	2,143
Current activity:												
Going to school	261	327	231	285	29	43	-	-	114	147	147	181
Ill, disabled	223	252	12	23	160	153	53	77	133	134	90	116
Keeping house	1,698	1,594	264	235	1,079	1,062	356	296	12	12	1,686	1,581
Retired	343	373	-	-	7	3	336	370	246	267	96	106
Other activity	401	328	230	176	145	143	27	11	214	169	187	159
Want a job now	495	468	237	205	238	241	15	21	148	136	346	333
Reason for not looking:												
School attendance	83	60	73	51	10	9	-	-	41	21	42	39
Ill health, disability	62	75	12	11	42	48	6	15	26	41	36	35
Home responsibilities	138	148	51	50	85	97	-	-	-	-	138	148
Think cannot get a job	115	106	56	49	49	52	9	6	54	49	60	57
Other reasons ¹	97	79	45	44	52	35	-	-	27	25	70	54

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason and sex	3rd Quarter 1984							
	Total	Age				Race and Hispanic origin		
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black	Hispanic origin
TOTAL								
Personal factors:								
Employers think too young or old	164	36	-	22	106	146	14	17
Lacks education or training	109	9	15	82	3	52	47	9
Other personal handicap	75	10	10	47	10	61	14	5
Job-market factors:								
Could not find work	518	87	111	288	33	252	247	58
Thinks no job available	372	49	58	232	34	297	74	17
Men								
Personal factors:								
Employers think too young or old	85	31	-	6	48	79	4	11
Lacks education or training	18	3	12	3	-	8	10	-
Other personal handicap	31	6	8	13	3	23	9	2
Job-market factors:								
Could not find work	215	46	51	101	18	115	82	29
Thinks no job available	135	24	21	69	21	111	25	7
Women								
Personal factors:								
Employers think too young or old	79	5	-	16	59	67	10	7
Lacks education or training	91	6	3	79	3	44	37	9
Other personal handicap	44	4	2	34	6	38	5	3
Job-market factors:								
Could not find work	303	40	60	187	16	137	166	29
Thinks no job available	237	24	36	164	13	186	49	10

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Work-seeking intentions, work history, and sex	Total		Age						Race			
	III 1983	III 1984	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
TOTAL												
Do not intend to seek work	52,019	52,962	5,709	5,952	18,067	17,995	28,243	29,014	45,614	46,252	5,171	5,389
Intend to seek work in the next 12 months	9,177	8,594	4,471	4,017	4,139	3,967	567	610	7,032	6,656	1,818	1,623
Never worked	1,551	1,359	1,367	1,194	180	156	4	10	1,035	872	452	392
Last worked over 5 years ago	1,168	1,271	75	89	912	996	180	185	868	948	241	299
Last worked 1 to 5 years ago	2,634	2,273	865	694	1,565	1,328	203	250	1,962	1,708	581	473
Worked during previous 12 months	3,824	3,690	2,165	2,040	1,480	1,485	179	166	3,166	3,128	544	458
Men												
Do not intend to seek work	15,408	16,110	1,991	2,271	2,797	2,897	10,619	10,942	13,272	13,792	1,721	1,892
Intend to seek work in the next 12 months	3,067	2,753	1,955	1,699	882	782	230	271	2,355	2,134	601	497
Never worked	688	540	650	521	37	17	-	2	478	367	195	138
Last worked over 5 years ago	192	192	16	18	109	123	67	50	135	123	46	58
Last worked 1 to 5 years ago	692	638	254	218	361	284	77	136	506	489	146	106
Worked during previous 12 months	1,495	1,384	1,034	943	376	358	86	82	1,236	1,155	214	194
Women												
Do not intend to seek work	36,611	36,852	3,719	3,682	15,270	15,098	17,624	18,073	32,342	32,460	3,450	3,497
Intend to seek work in the next 12 months	6,111	5,841	2,517	2,317	3,257	3,184	337	339	4,677	4,522	1,217	1,126
Never worked	863	819	714	674	143	139	4	8	557	505	257	254
Last worked over 5 years ago	976	1,079	59	72	803	873	113	134	733	825	195	241
Last worked 1 to 5 years ago	1,942	1,636	610	477	1,205	1,045	127	114	1,456	1,219	435	367
Worked during previous 12 months	2,329	2,307	1,133	1,096	1,104	1,128	93	83	1,930	1,973	330	264

NOTE: Third quarter 1983 data for blacks have been corrected.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
TOTAL								
Civilian noninstitutional population	174,449	176,595	150,994	152,386	18,968	19,387	9,677	9,745
Civilian labor force	113,252	115,039	98,348	99,478	11,979	12,376	6,256	6,404
Percent of population	64.9	65.1	65.1	65.3	63.2	63.8	64.6	65.7
Employed	102,936	106,657	90,693	93,376	9,634	10,367	5,472	5,738
Agriculture	3,886	3,735	3,567	3,448	232	218	324	338
Nonagricultural industries	99,049	102,922	87,126	89,928	9,402	10,149	5,149	5,400
Unemployed	10,316	8,382	7,656	6,101	2,345	2,009	784	666
Unemployment rate	9.1	7.3	7.8	6.1	19.6	16.2	12.5	10.4
Not in labor force	61,198	61,556	52,646	52,909	6,989	7,011	3,421	3,341
Men, 16 years and over								
Civilian noninstitutional population	82,642	83,701	72,002	72,730	8,468	8,671	4,642	4,674
Civilian labor force	64,166	64,837	56,375	56,804	6,146	6,283	3,774	3,809
Percent of population	77.6	77.5	78.3	78.1	72.6	72.5	81.3	81.5
Employed	58,401	60,456	52,031	53,596	4,913	5,262	3,312	3,437
Agriculture	3,077	2,966	2,822	2,729	195	178	261	280
Nonagricultural industries	55,324	57,490	49,209	50,866	4,718	5,084	3,051	3,157
Unemployed	5,765	4,381	4,344	3,209	1,233	1,021	462	372
Unemployment rate	9.0	6.8	7.7	5.6	20.1	16.2	12.3	9.8
Not in labor force	18,475	18,864	15,627	15,926	2,322	2,388	867	865
Men, 20 years and over								
Civilian noninstitutional population	75,018	76,356	65,704	66,659	7,384	7,621	4,069	4,107
Civilian labor force	59,266	60,204	52,148	52,813	5,612	5,747	3,432	3,488
Percent of population	79.0	78.8	79.4	79.2	76.0	75.4	84.3	84.9
Employed	54,534	56,642	48,536	50,190	4,637	4,940	3,055	3,190
Agriculture	2,675	2,620	2,447	2,409	169	156	238	254
Nonagricultural industries	51,858	54,022	46,089	47,781	4,468	4,783	2,817	2,936
Unemployed	4,732	3,562	3,612	2,624	974	807	377	298
Unemployment rate	8.0	5.9	6.9	5.0	17.4	14.0	11.0	8.5
Not in labor force	15,752	16,152	13,556	13,846	1,772	1,874	638	619
Women, 16 years and over								
Civilian noninstitutional population	91,808	92,895	78,992	79,656	10,500	10,716	5,035	5,071
Civilian labor force	49,085	50,202	41,973	42,673	5,833	6,093	2,482	2,595
Percent of population	53.5	54.0	53.1	53.6	55.6	56.9	49.3	51.2
Employed	44,534	46,201	38,662	39,781	4,721	5,105	2,160	2,301
Agriculture	809	769	745	719	37	40	62	58
Nonagricultural industries	43,725	45,431	37,916	39,062	4,684	5,065	2,098	2,242
Unemployed	4,551	4,001	3,311	2,893	1,112	988	321	294
Unemployment rate	9.3	8.0	7.9	6.8	19.1	16.2	12.9	11.3
Not in labor force	42,723	42,693	37,019	36,983	4,667	4,623	2,553	2,476
Women, 20 years and over								
Civilian noninstitutional population	84,227	85,586	72,747	73,654	9,366	9,615	4,450	4,519
Civilian labor force	44,733	45,928	38,161	38,984	5,371	5,599	2,238	2,330
Percent of population	53.1	53.7	52.5	52.9	57.3	58.2	50.3	51.6
Employed	41,078	42,675	35,511	36,616	4,478	4,822	1,991	2,093
Agriculture	711	673	657	628	31	35	55	42
Nonagricultural industries	40,367	42,002	34,855	35,988	4,447	4,787	1,936	2,051
Unemployed	3,655	3,253	2,650	2,367	894	777	247	237
Unemployment rate	8.2	7.1	6.9	6.1	16.6	13.9	11.0	10.2
Not in labor force	39,493	39,658	34,586	34,670	3,995	4,017	2,212	2,189
Both sexes, 16 to 19 years								
Civilian noninstitutional population	15,205	14,653	12,543	12,073	2,218	2,151	1,158	1,119
Civilian labor force	9,253	8,907	8,039	7,680	996	1,030	586	586
Percent of population	60.9	60.8	64.1	63.6	44.9	47.9	50.6	52.4
Employed	7,324	7,340	6,645	6,570	519	606	426	454
Agriculture	500	442	463	411	31	27	30	42
Nonagricultural industries	6,824	6,898	6,182	6,159	488	579	396	413
Unemployed	1,929	1,567	1,394	1,110	477	425	160	132
Unemployment rate	20.8	17.6	17.3	14.5	47.9	41.2	27.3	22.5
Not in labor force	5,952	5,746	4,504	4,393	1,222	1,121	572	533

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
TOTAL								
Civilian noninstitutional population	9,677	9,745	5,767	5,765	1,198	1,332	784	712
Civilian labor force	6,256	6,404	3,843	3,904	591	700	540	495
Percent of population	64.6	65.7	66.6	67.7	49.3	52.6	68.9	69.5
Employed	5,472	5,738	3,322	3,494	506	601	479	458
Agriculture	324	338	294	304	4	4	4	5
Nonagricultural industries	5,149	5,400	3,028	3,190	502	597	475	453
Unemployed	784	666	521	410	85	99	61	36
Unemployment rate	12.5	10.4	13.6	10.5	14.3	14.2	11.3	7.3
Not in labor force	3,421	3,341	1,924	1,861	607	632	244	217
Men, 16 years and over								
Civilian noninstitutional population	4,642	4,674	2,854	2,884	501	560	377	340
Civilian labor force	3,774	3,809	2,370	2,387	366	410	302	281
Percent of population	81.3	81.5	83.0	82.8	73.1	73.2	80.1	82.6
Employed	3,312	3,437	2,049	2,149	315	359	273	257
Agriculture	261	280	232	253	4	4	4	5
Nonagricultural industries	3,051	3,157	1,817	1,896	311	356	269	252
Unemployed	462	372	321	238	51	51	28	24
Unemployment rate	12.3	9.8	13.6	10.0	13.9	12.3	9.4	8.6
Not in labor force	867	865	484	497	135	150	76	59
Men, 20 years and over								
Civilian noninstitutional population	4,069	4,107	2,500	2,531	424	462	332	316
Civilian labor force	3,432	3,488	2,141	2,179	336	365	271	267
Percent of population	84.3	84.9	85.6	86.1	79.2	79.0	81.6	84.5
Employed	3,055	3,190	1,876	1,990	297	328	249	244
Agriculture	238	254	211	228	4	4	4	5
Nonagricultural industries	2,817	2,936	1,665	1,761	293	324	245	239
Unemployed	377	298	265	189	39	37	22	23
Unemployment rate	11.0	8.5	12.4	8.7	11.5	10.0	8.2	8.8
Not in labor force	638	619	358	352	87	97	61	49
Women, 16 years and over								
Civilian noninstitutional population	5,035	5,071	2,913	2,881	697	772	406	372
Civilian labor force	2,482	2,595	1,473	1,518	225	290	238	213
Percent of population	49.3	51.2	50.6	52.7	32.3	37.6	58.6	57.3
Employed	2,160	2,301	1,273	1,345	191	242	205	201
Agriculture	62	58	62	51	-	-	-	-
Nonagricultural industries	2,098	2,242	1,210	1,294	191	241	205	201
Unemployed	321	294	200	173	34	49	33	12
Unemployment rate	12.9	11.3	13.6	11.4	15.0	16.7	13.8	5.6
Not in labor force	2,553	2,476	1,440	1,363	472	482	168	159
Women, 20 years and over								
Civilian noninstitutional population	4,450	4,519	2,557	2,548	606	680	367	342
Civilian labor force	2,238	2,330	1,307	1,349	206	257	221	196
Percent of population	50.3	51.6	51.1	52.9	34.0	37.8	60.2	57.3
Employed	1,991	2,093	1,159	1,210	179	221	192	185
Agriculture	55	42	55	39	-	-	-	-
Nonagricultural industries	1,936	2,051	1,104	1,171	179	221	192	185
Unemployed	247	237	147	139	27	36	29	11
Unemployment rate	11.0	10.2	11.3	10.3	13.3	14.1	12.9	5.4
Not in labor force	2,212	2,189	1,250	1,199	400	422	146	146
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,158	1,119	710	686	168	190	84	54
Civilian labor force	586	586	395	377	49	78	48	32
Percent of population	50.6	52.4	55.6	55.0	29.2	41.1	57.1	(²)
Employed	426	454	287	294	30	52	38	29
Agriculture	30	42	28	37	-	-	-	-
Nonagricultural industries	396	413	259	257	30	52	38	29
Unemployed	160	132	108	82	18	26	10	2
Unemployment rate	27.3	22.5	27.4	21.9	(²)	33.6	(²)	(²)
Not in labor force	572	533	315	309	120	112	36	22

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	Total		White		Black		Hispanic origin	
	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
CHARACTERISTIC								
Total (all civilian workers)	102,936	106,657	90,693	93,376	9,634	10,367	5,472	5,738
Men	58,401	60,456	52,031	53,596	4,913	5,262	3,312	3,437
Women	44,534	46,201	38,662	39,781	4,721	5,105	2,160	2,301
OCCUPATION								
Managerial and professional specialty	23,358	24,582	21,406	22,385	1,324	1,424	645	666
Executive, administrative, and managerial	10,834	11,737	10,081	10,861	511	593	314	365
Professional specialty	12,524	12,846	11,325	11,524	814	831	331	301
Technical, sales, and administrative support	31,746	32,968	28,546	29,461	2,473	2,652	1,363	1,445
Technicians and related support	3,088	3,182	2,713	2,787	260	275	90	113
Sales occupations	12,079	12,833	11,218	11,872	597	635	437	513
Administrative support, including clerical	16,578	16,953	14,616	14,802	1,617	1,741	836	819
Service occupations	14,250	14,270	11,441	11,250	2,357	2,544	969	1,022
Private household	1,005	994	692	685	291	288	90	102
Protective service	1,747	1,724	1,494	1,433	224	260	71	80
Service, except private household and protective	11,497	11,552	9,254	9,132	1,842	1,996	809	841
Precision production, craft, and repair	12,779	13,411	11,598	12,133	893	999	800	842
Mechanics and repairers	4,232	4,434	3,857	4,038	301	305	207	248
Construction trades	4,559	4,831	4,158	4,378	312	373	299	274
Other precision production, craft, and repair	3,987	4,145	3,583	3,718	279	320	293	320
Operators, fabricators, and laborers	16,442	17,273	13,770	14,398	2,264	2,430	1,337	1,372
Machine operators, assemblers, and inspectors	7,852	8,020	6,516	6,645	1,074	1,117	738	724
Transportation and material moving occupations	4,257	4,587	3,658	3,890	543	634	248	257
Handlers, equipment cleaners, helpers, and laborers	4,332	4,666	3,595	3,864	648	678	351	390
Construction laborers	658	792	556	667	96	113	62	82
Other handlers, equipment cleaners, helpers, and laborers	3,674	3,874	3,039	3,196	551	565	290	309
Farming, forestry, and fishing	4,362	4,154	3,931	3,749	323	318	358	391
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,923	1,796	1,687	1,586	178	178	295	301
Self-employed workers	1,663	1,678	1,594	1,612	44	32	26	35
Unpaid family workers	300	261	286	250	9	8	2	2
Nonagricultural industries:								
Wage and salary workers	90,979	94,769	79,617	82,367	9,059	9,794	4,901	5,110
Government	15,172	15,341	12,531	12,525	2,240	2,346	676	667
Private industries	75,806	79,428	67,086	69,842	6,819	7,448	4,225	4,443
Private households	1,351	1,278	973	907	354	343	102	129
Other industries	74,455	78,150	66,113	68,934	6,465	7,105	4,123	4,314
Self-employed workers	7,703	7,828	7,160	7,264	338	353	237	280
Unpaid family workers	368	324	349	297	6	2	11	10
FULL- AND PART-TIME STATUS¹								
Full-time schedules	83,176	87,418	73,291	76,557	7,743	8,425	4,484	4,751
Part time for economic reasons	6,579	5,992	5,400	4,824	1,011	986	476	452
Part time for noneconomic reasons	13,180	13,246	12,001	11,995	881	955	512	534

¹ Employed persons "with a job but not at work" are distributed proportionately among the full- and part-time employed categories.
NOTE: Detail for the above race and Hispanic-origin groups will not

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
CHARACTERISTIC								
Total (all civilian workers)	5,472	5,738	3,322	3,494	506	601	479	458
Men	3,312	3,437	2,049	2,149	315	359	273	257
Women	2,160	2,301	1,273	1,345	191	242	205	201
OCCUPATION								
Managerial and professional specialty	645	666	320	303	74	85	81	84
Executive, administrative, and managerial	314	365	165	183	24	35	46	46
Professional specialty	331	301	155	120	51	50	35	38
Technical, sales, and administrative support	1,363	1,445	771	803	143	189	155	144
Technicians and related support	90	113	46	75	10	8	8	4
Sales occupations	437	513	243	281	40	57	49	60
Administrative support, including clerical	836	819	482	447	93	123	97	80
Service occupations	969	1,022	549	580	102	120	63	52
Private household	90	102	46	57	4	3	3	-
Protective service	71	80	32	45	15	13	5	6
Service, except private household and protective	809	841	470	479	83	104	55	46
Precision production, craft, and repair	800	842	530	550	64	54	51	65
Mechanics and repairers	207	248	121	151	22	25	21	23
Construction trades	299	274	224	204	20	11	13	15
Other precision production, craft, and repair	293	320	184	195	23	18	18	27
Operators, fabricators, and laborers	1,337	1,372	841	911	115	149	124	108
Machine operators, assemblers, and inspectors	738	724	440	454	64	91	79	60
Transportation and material moving occupations	248	257	172	172	17	30	15	22
Handlers, equipment cleaners, helpers, and laborers	351	390	230	284	34	28	29	26
Construction laborers	62	82	47	69	3	2	5	3
Other handlers, equipment cleaners, helpers, and laborers	290	309	183	215	31	26	24	23
Farming, forestry, and fishing	358	391	312	346	7	5	4	5
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	295	301	276	284	4	4	2	2
Self-employed workers	26	35	17	20	-	-	2	3
Unpaid family workers	2	2	1	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	4,901	5,110	2,894	3,032	487	578	441	412
Government	676	667	446	420	77	91	31	27
Private industries	4,225	4,443	2,449	2,612	410	487	411	385
Private households	102	129	55	80	5	3	4	1
Other industries	4,123	4,314	2,394	2,532	405	484	407	384
Self-employed workers	237	280	128	152	15	18	29	38
Unpaid family workers	11	10	6	6	-	1	4	3
FULL- AND PART-TIME STATUS²								
Full-time schedules	4,484	4,751	2,700	2,874	427	512	402	390
Part time for economic reasons	476	452	319	320	32	37	28	23
Part time for noneconomic reasons	512	534	303	301	47	53	49	45

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

² Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
Total, 16 years and over	102,936	106,657	90,693	93,376	9,634	10,367	5,472	5,738
16 to 19 years	7,324	7,340	6,645	6,570	519	606	426	454
16 to 17 years	2,833	2,929	2,586	2,627	189	236	132	156
18 to 19 years	4,491	4,411	4,059	3,943	330	370	295	298
20 to 24 years	14,340	14,631	12,702	12,822	1,333	1,479	891	945
25 years and over	81,272	84,686	71,346	73,985	7,782	8,282	4,156	4,339
25 to 54 years	66,990	70,452	58,485	61,181	6,617	7,128	3,728	3,861
55 years and over	14,282	14,233	12,861	12,803	1,164	1,154	427	458
Men, 16 years and over	58,401	60,456	52,031	53,596	4,913	5,262	3,312	3,437
16 to 19 years	3,868	3,814	3,495	3,406	276	322	257	247
16 to 17 years	1,517	1,535	1,376	1,376	100	126	72	78
18 to 19 years	2,351	2,280	2,119	2,030	176	196	185	169
20 to 24 years	7,659	7,869	6,776	6,927	721	768	525	569
25 years and over	46,874	48,773	41,760	43,263	3,916	4,171	2,530	2,620
25 to 54 years	38,339	40,315	33,987	35,535	3,311	3,608	2,266	2,346
55 years and over	8,536	8,458	7,773	7,728	605	563	265	275
Women, 16 years and over	44,534	46,201	38,662	39,781	4,721	5,105	2,160	2,301
16 to 19 years	3,456	3,526	3,150	3,164	243	283	169	207
16 to 17 years	1,316	1,394	1,210	1,251	89	109	60	79
18 to 19 years	2,140	2,132	1,940	1,913	154	174	110	128
20 to 24 years	6,681	6,762	5,926	5,895	612	711	366	376
25 years and over	34,397	35,913	29,586	30,722	3,866	4,111	1,625	1,717
25 to 54 years	28,651	30,138	24,498	25,646	3,306	3,520	1,462	1,535
55 years and over	5,747	5,775	5,088	5,075	559	591	162	181

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

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

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin	
	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
Total, 16 years and over	9.1	7.3	7.8	6.1*	19.6	16.2	12.5	10.4
16 to 19 years	20.8	17.6	17.3	14.5	47.9	41.2	27.3	22.5
16 to 17 years	22.1	19.2	19.5	16.6	45.3	40.3	34.3	23.8
18 to 19 years	20.0	16.5	15.9	13.0	49.2	41.8	23.6	21.7
20 to 24 years	13.4	11.0	11.1	8.6	30.5	26.7	14.0	11.1
25 years and over	7.1	5.6	6.2	4.9	14.2	11.2	10.3	8.8
25 to 54 years	7.5	5.9	6.6	5.1	14.9	11.8	10.5	8.7
55 years and over	4.8	4.2	4.2	3.8	9.7	7.1	9.6	9.3
Men, 16 years and over	9.0	6.8	7.7	5.6	20.1	16.2	12.3	9.8
16 to 19 years	21.1	17.7	17.3	14.7	48.4	39.8	25.0	23.2
16 to 17 years	22.3	19.4	19.2	17.1	47.8	37.6	33.2	26.4
18 to 19 years	20.3	16.5	16.1	12.9	48.7	41.2	21.2	21.6
20 to 24 years	14.1	11.0	12.0	8.4	29.5	28.2	14.4	11.2
25 years and over	6.9	5.0	6.1	4.4	14.7	10.8	10.3	8.0
25 to 54 years	7.3	5.2	6.4	4.5	15.3	11.2	10.3	7.7
55 years and over	4.9	4.2	4.3	3.9	11.2	7.9	9.6	9.8
Women, 16 years and over	9.3	8.0	7.9	6.8	19.1	16.2	12.9	11.3
16 to 19 years	20.6	17.5	17.4	14.2	47.3	42.7	30.5	21.6
16 to 17 years	21.9	19.0	19.8	16.0	42.3	43.2	35.6	21.0
18 to 19 years	19.7	16.5	15.8	13.0	49.9	42.4	27.3	21.9
20 to 24 years	12.6	11.1	10.0	8.9	31.6	25.0	13.3	10.9
25 years and over	7.3	6.3	6.3	5.5	13.7	11.6	10.5	10.0
25 to 54 years	7.8	6.7	6.7	5.9	14.5	12.4	10.6	10.2
55 years and over	4.6	4.1	4.2	3.7	8.1	6.3	9.6	8.6

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
DURATION								
Total, 16 years and over	10,316	8,382	7,656	6,101	2,345	2,009	784	666
Less than 5 weeks	3,721	3,534	2,804	2,649	795	760	318	314
5 to 14 weeks	2,949	2,522	2,177	1,821	672	618	240	202
15 weeks and over	3,646	2,326	2,675	1,632	877	631	226	151
15 to 26 weeks	1,189	844	890	631	269	185	88	77
27 weeks and over	2,456	1,482	1,785	1,001	608	446	138	74
Average (mean) duration, in weeks	19.6	16.8	19.3	16.0	20.9	19.6	15.6	12.2
Median duration, in weeks	8.8	6.8	8.7	6.5	8.5	7.0	7.4	5.7
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	36.1	42.2	36.6	43.4	33.9	37.8	40.5	47.1
5 to 14 weeks	28.6	30.1	28.4	29.8	28.7	30.8	30.6	30.3
15 weeks and over	35.3	27.8	34.9	26.7	37.4	31.4	28.8	22.6
15 to 26 weeks	11.5	10.1	11.6	10.3	11.5	9.2	11.2	11.6
27 weeks and over	23.8	17.7	23.3	16.4	25.9	22.2	17.7	11.1

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

Corrected unemployed totals for Hispanics in the second quarters of 1983 and 1984 are 864,000 and 667,000, respectively.

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
NUMBER OF UNEMPLOYED								
Total, 16 years and over	10,316	8,382	7,656	6,101	2,345	2,009	784	666
Job losers	5,651	3,996	4,302	2,986	1,299	1,005	478	358
On layoff	1,455	1,017	1,217	826	210	164	90	73
Other job losers	4,196	2,979	3,086	2,159	1,090	841	388	286
Job leavers	857	905	712	746	19	17	55	77
Reentrants	2,439	2,253	1,724	1,613	628	562	156	142
New entrants	1,369	1,228	917	757	399	425	94	89
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	54.8	47.7	56.2	48.9	55.4	50.0	61.0	53.7
On layoff	14.1	12.1	15.9	13.5	8.9	8.2	11.5	10.9
Other job losers	40.7	35.5	40.3	35.4	46.5	41.8	49.5	42.9
Job leavers	8.3	10.8	9.3	12.2	.8	.8	7.1	11.5
Reentrants	23.6	26.9	22.5	26.4	26.8	28.0	19.9	21.4
New entrants	13.3	14.6	12.0	12.4	17.0	21.2	12.0	13.4
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	5.0	3.5	4.4	3.0	10.8	8.1	7.6	5.6
Job leavers .....	.8	.8	.7	.8	.2	.1	.9	1.2
Reentrants	2.2	2.0	1.8	1.6	5.2	4.5	2.5	2.2
New entrants	1.2	1.1	.9	.8	3.3	3.4	1.5	1.4

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.

Corrected unemployed totals for Hispanics in the second quarters of 1983 and 1984 are 864,000 and 667,000, respectively.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	III 1983	III 1984	Total		Employed		Unemployed			
			III 1983	III 1984	III 1983	III 1984	Number		Percent of labor force	
							III 1983	III 1984	III 1983	III 1984
VETERANS										
Total, 25 years and over	7,850	7,921	7,360	7,462	6,810	7,056	551	406	7.5	5.4
25 to 29 years	5,814	5,447	5,571	5,267	5,120	4,954	452	313	8.1	5.9
25 to 29 years	652	451	611	428	539	383	72	44	11.8	10.4
30 to 34 years	2,099	1,675	2,007	1,623	1,824	1,520	183	103	9.1	6.3
35 to 39 years	3,063	3,321	2,953	3,216	2,757	3,050	196	166	6.6	5.2
40 years and over	2,036	2,473	1,789	2,195	1,690	2,102	99	93	5.5	4.2
NONVETERANS										
Total, 25 to 39 years	20,136	21,240	18,999	20,118	17,429	18,993	1,570	1,125	8.3	5.6
25 to 29 years	8,731	8,991	8,195	8,468	7,433	7,952	762	516	9.3	6.1
30 to 34 years	6,855	7,468	6,498	7,124	6,016	6,759	482	365	7.4	5.1
35 to 39 years	4,551	4,781	4,306	4,526	3,980	4,282	326	244	7.6	5.4

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 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

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

(Numbers in thousands)

Employment status and age	Veterans						Nonveterans					
	White		Black		Hispanic origin		White		Black		Hispanic origin	
	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984	III 1983	III 1984
TOTAL, 25 to 39 years												
Civilian noninstitutional population	5,153	4,802	576	552	229	209	17,356	18,202	2,067	2,221	1,512	1,497
Civilian labor force	4,966	4,665	530	515	219	202	16,539	17,435	1,841	1,969	1,420	1,405
Employed	4,617	4,412	437	456	203	191	15,335	16,614	1,534	1,727	1,265	1,285
Unemployed	350	252	92	58	16	11	1,205	823	307	243	155	120
Unemployment rate	7.0	5.4	17.4	11.3	7.3	5.4	7.3	4.7	16.7	12.3	10.9	8.5
25 to 29 years												
Civilian noninstitutional population	537	356	101	85	28	21	7,586	7,744	884	938	659	629
Civilian labor force	511	340	91	78	27	20	7,199	7,393	780	820	615	586
Employed	466	306	66	68	26	19	6,610	7,019	629	699	540	536
Unemployed	46	34	24	10	1	1	590	375	151	122	75	50
Unemployment rate	9.0	10.0	26.4	12.8	(¹)	(¹)	8.2	5.1	19.4	14.9	12.2	8.5
30 to 34 years												
Civilian noninstitutional population	1,857	1,452	219	198	90	75	5,884	6,410	712	768	488	508
Civilian labor force	1,776	1,411	209	188	87	74	5,631	6,174	637	687	460	478
Employed	1,630	1,335	173	161	83	68	5,265	5,902	543	617	417	442
Unemployed	145	76	37	26	4	6	366	272	94	70	43	36
Unemployment rate	8.2	5.4	17.7	13.8	4.6	8.1	6.5	4.4	14.8	10.2	9.3	7.5
35 to 39 years												
Civilian noninstitutional population	2,759	2,994	256	269	111	113	3,886	4,048	471	515	365	360
Civilian labor force	2,679	2,914	230	249	105	108	3,709	3,868	424	462	345	341
Employed	2,521	2,771	198	227	94	104	3,460	3,693	362	411	308	307
Unemployed	159	142	31	22	11	4	249	176	62	51	37	34
Unemployment rate	5.9	4.9	13.5	8.8	10.5	3.7	6.7	4.6	14.6	11.0	10.7	10.0

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Type of family, race, and Hispanic origin	III 1983					III 1984				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	Percent of families:		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	61,092	7,626	29.3	70.7	61.4	61,979	6,298	28.0	72.0	83.0
With children under 18 years of age	30,657	4,628	30.6	69.4	59.7	30,944	3,810	29.2	70.8	60.9
Married-couple families	49,420	5,567	21.7	78.3	69.0	49,870	4,494	20.0	80.0	71.6
With children under 18 years of age	24,056	3,440	21.0	79.0	69.1	24,212	2,814	18.3	81.7	72.4
Families maintained by women	9,590	1,686	51.7	48.3	38.4	9,851	1,477	50.5	49.5	38.4
With children under 18 years of age	5,835	1,062	59.4	40.6	31.1	5,914	895	61.7	38.3	26.6
Families maintained by men	2,083	373	41.6	58.4	51.4	2,258	327	36.5	63.5	56.1
With children under 18 years of age	766	126	51.6	48.4	44.4	818	101	46.5	53.5	42.6
White										
Total families	53,141	5,801	27.0	73.0	63.6	53,693	4,711	25.7	74.3	66.1
With children under 18 years of age	25,792	3,422	27.5	72.5	62.4	26,002	2,821	26.2	73.8	64.6
Married-couple families	44,862	4,591	22.0	78.0	68.7	45,212	3,694	20.2	79.8	71.8
With children under 18 years of age	21,423	2,778	21.4	78.6	68.5	21,550	2,285	18.7	81.3	72.4
Families maintained by women	6,627	944	47.4	52.6	42.2	6,725	801	48.4	51.6	42.2
With children under 18 years of age	3,759	550	54.5	45.5	34.5	3,813	463	60.0	40.0	29.6
Families maintained by men	1,653	265	41.7	58.3	51.9	1,756	217	36.4	63.6	56.7
With children under 18 years of age	611	94	51.1	48.9	46.8	639	73	47.9	52.1	42.5
Black										
Total families	6,507	1,612	37.1	62.9	53.5	6,735	1,388	36.2	63.8	52.6
With children under 18 years of age	3,936	1,054	40.0	60.0	51.6	3,984	860	39.2	60.8	48.8
Married-couple families	3,408	819	19.5	80.5	70.7	3,419	650	18.8	81.2	71.5
With children under 18 years of age	1,874	543	17.7	82.3	72.9	1,860	423	15.6	84.4	73.8
Families maintained by women	2,749	702	57.3	42.7	33.9	2,897	644	53.1	46.9	33.4
With children under 18 years of age	1,934	486	64.5	35.5	28.0	1,971	414	62.9	37.1	23.4
Families maintained by men	349	92	39.1	60.9	50.0	419	94	39.4	60.6	52.1
With children under 18 years of age	129	25	(¹)	(¹)	(¹)	153	22	(¹)	(¹)	(¹)
Hispanic origin										
Total families	3,432	588	32.8	67.2	57.8	3,490	514	31.2	68.8	58.7
With children under 18 years of age	2,294	404	35.9	64.1	55.4	2,344	352	32.6	67.4	56.1
Married-couple families	2,492	433	25.9	74.1	65.1	2,501	362	22.4	77.6	66.8
With children under 18 years of age	1,667	311	27.7	72.3	64.3	1,677	262	21.4	78.6	66.0
Families maintained by women	776	124	52.0	48.0	36.6	799	122	55.3	44.7	34.1
With children under 18 years of age	567	82	61.7	38.3	27.2	592	81	66.7	33.3	23.5
Families maintained by men	164	31	(¹)	(¹)	(¹)	190	30	(¹)	(¹)	(¹)
With children under 18 years of age	61	11	(¹)	(¹)	(¹)	74	9	(¹)	(¹)	(¹)

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

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are

included in both the white and black population groups. Because of the introduction of new estimation techniques beginning with data for January 1983, these data are not comparable with those previously published.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	III 1983				III 1984			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed in families ¹	8,739	31.4	68.6	59.2	7,050	30.6	69.4	60.1
Husbands	2,114	43.6	56.4	42.3	1,557	42.5	57.5	43.5
With children under 18 years of age	1,390	46.3	53.7	38.9	1,002	45.1	54.9	38.5
Wives	1,759	18.7	81.3	74.4	1,538	15.6	84.4	77.6
With children under 18 years of age	1,124	17.1	82.9	76.3	1,025	13.4	86.6	79.3
Relatives in married-couple families	2,490	11.6	88.4	81.2	1,879	12.2	87.8	82.0
Women who maintain families	691	80.3	19.7	12.2	615	80.1	19.9	10.8
With children under 18 years of age	581	87.8	12.2	5.2	515	87.6	12.4	3.6
Relatives in families maintained by women	1,253	36.9	63.1	52.0	1,097	35.3	64.7	51.7
Men who maintain families	154	67.0	33.0	24.1	124	65.4	34.6	27.9
With children under 18 years of age	66	84.8	15.2	10.6	55	(²)	(²)	(²)
Relatives in families maintained by men	278	31.8	68.2	63.2	239	26.5	73.5	66.4
White								
Total unemployed in families ¹	6,481	29.2	70.8	61.1	5,102	28.5	71.5	63.3
Husbands	1,754	44.5	55.5	40.7	1,305	43.2	56.8	43.1
With children under 18 years of age	1,126	47.3	52.7	36.5	829	45.8	54.2	37.8
Wives	1,491	18.0	82.0	75.3	1,292	15.0	85.0	79.0
With children under 18 years of age	934	16.2	83.8	77.5	861	13.3	86.7	80.2
Relatives in married-couple families	1,909	11.5	88.5	81.4	1,405	11.8	88.2	83.3
Women who maintain families	349	75.7	24.3	15.1	315	77.6	22.4	12.5
With children under 18 years of age	284	83.5	16.5	6.9	254	86.4	11.6	2.0
Relatives in families maintained by women	685	33.5	66.5	55.0	549	34.5	65.5	56.7
Men who maintain families	114	68.9	31.1	22.8	88	61.5	38.5	30.6
With children under 18 years of age	50	(²)	(²)	(²)	39	(²)	(²)	(²)
Relatives in families maintained by men	180	31.0	69.0	64.3	148	27.1	72.9	67.1
Black								
Total unemployed in families ¹	1,999	38.1	61.9	53.1	1,724	37.5	62.5	50.2
Husbands	290	38.8	61.2	49.8	193	37.3	62.7	48.4
With children under 18 years of age	203	41.4	58.6	49.3	130	38.7	61.3	45.9
Wives	219	22.3	77.7	68.1	198	22.3	77.7	65.9
With children under 18 years of age	155	20.0	80.0	70.3	130	16.3	83.7	70.7
Relatives in married-couple families	512	11.6	88.4	80.6	412	14.1	85.9	77.1
Women who maintain families	320	86.1	13.9	9.1	288	82.3	17.7	9.5
With children under 18 years of age	278	92.6	7.4	3.6	253	86.6	13.4	5.4
Relatives in families maintained by women	538	40.3	59.7	49.1	523	35.8	64.2	46.5
Men who maintain families	34	(²)	(²)	(²)	29	(²)	(²)	(²)
With children under 18 years of age	12	(²)	(²)	(²)	12	(²)	(²)	(²)
Relatives in families maintained by men	86	32.2	67.8	61.6	81	29.3	70.7	62.1
Hispanic origin								
Total unemployed in families ¹	684	33.3	66.7	58.1	576	34.3	65.7	56.5
Husbands	191	53.4	46.6	37.7	146	48.3	51.7	39.3
With children under 18 years of age	145	56.2	43.8	36.6	106	50.5	49.5	32.3
Wives	131	20.3	79.7	71.2	120	13.8	86.2	73.9
With children under 18 years of age	100	17.3	82.7	73.6	80	12.3	87.7	75.8
Relatives in married-couple families	186	5.2	94.8	88.1	135	9.6	90.4	86.7
Women who maintain families	41	(²)	(²)	(²)	49	(²)	(²)	(²)
With children under 18 years of age	36	(²)	(²)	(²)	39	(²)	(²)	(²)
Relatives in families maintained by women	102	37.7	62.3	50.0	94	46.9	53.1	42.6
Men who maintain families	18	(²)	(²)	(²)	16	(²)	(²)	(²)
With children under 18 years of age	9	(²)	(²)	(²)	5	(²)	(²)	(²)
Relatives in families maintained by men	15	(²)	(²)	(²)	18	(²)	(²)	(²)

¹ Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

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

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are

included in both the white and black population groups. Because of the introduction of new estimation techniques beginning with data for January 1983, these data are not comparable with those previously published. Moreover, estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	III 1983				III 1984			
	Total	Percent of employed:			Total	Percent of employed:		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full time
TOTAL								
Total employed in families ¹	85,639	25.2	74.8	63.7	88,301	24.0	76.0	65.4
Husbands	37,114	35.5	64.5	47.3	37,931	33.8	66.2	49.6
With children under 18 years of age	21,670	37.9	62.1	42.3	22,173	36.4	63.6	44.5
Wives	23,792	10.2	89.8	84.6	24,623	8.9	91.1	86.4
With children under 18 years of age	12,743	6.5	93.5	89.1	13,291	5.4	94.6	90.9
Relatives in married-couple families	12,958	6.2	93.8	89.3	12,941	5.7	94.3	90.4
Women who maintain families	4,996	62.3	37.7	25.6	5,432	61.4	38.6	26.4
With children under 18 years of age	3,292	78.7	23.3	12.7	3,520	77.4	22.6	12.0
Relatives in families maintained by women	4,186	25.4	74.6	63.1	4,456	23.7	76.3	65.9
Men who maintain families	1,389	51.3	48.7	37.2	1,557	50.5	49.5	37.8
With children under 18 years of age	611	74.6	25.4	15.7	699	75.6	24.4	14.1
Relatives in families maintained by men	1,202	19.4	80.6	73.0	1,360	17.6	82.4	76.0
White								
Total employed in families ¹	75,784	24.7	75.3	64.1	77,642	23.4	76.6	65.9
Husbands	33,859	36.0	64.0	46.4	34,502	34.2	65.8	48.6
With children under 18 years of age	19,516	38.6	61.4	40.9	19,909	37.1	62.9	43.0
Wives	21,312	9.8	90.2	85.2	22,062	6.5	91.5	86.9
With children under 18 years of age	11,172	5.9	94.1	90.0	11,660	4.8	95.2	91.6
Relatives in married-couple families	11,678	6.0	94.0	89.7	11,604	5.6	94.4	90.8
Women who maintain families	3,675	59.0	41.0	27.9	3,863	57.9	42.1	28.9
With children under 18 years of age	2,357	74.5	25.5	13.6	2,453	75.4	24.6	12.8
Relatives in families maintained by women	3,158	25.9	74.1	63.4	3,292	23.9	76.1	67.0
Men who maintain families	1,131	49.3	50.7	39.1	1,235	48.9	51.1	38.8
With children under 18 years of age	498	73.6	26.4	16.5	553	74.7	25.3	13.7
Relatives in families maintained by men	971	17.3	82.7	75.7	1,085	15.8	84.2	78.7
Black								
Total employed in families ¹	7,694	30.6	69.4	59.2	8,241	30.5	69.5	60.2
Husbands	2,367	29.2	70.8	58.0	2,462	28.6	71.4	60.3
With children under 18 years of age	1,524	30.2	69.8	57.0	1,585	27.9	72.1	60.8
Wives	1,861	15.8	84.2	77.0	1,863	13.1	86.9	81.5
With children under 18 years of age	1,156	12.0	88.0	81.0	1,174	9.3	90.7	85.8
Relatives in married-couple families	944	6.9	91.1	84.5	948	7.2	92.8	85.4
Women who maintain families	1,212	71.7	28.3	19.0	1,449	71.1	28.9	19.5
With children under 18 years of age	858	82.1	17.9	10.8	1,000	82.0	18.0	10.2
Relatives in families maintained by women	930	24.7	75.3	61.8	1,040	23.5	76.5	62.2
Men who maintain families	213	62.9	37.1	24.2	271	60.0	40.0	32.0
With children under 18 years of age	100	79.9	20.1	10.9	129	81.8	18.2	12.9
Relatives in families maintained by men	167	31.9	68.1	57.0	207	27.4	72.6	62.1
Hispanic origin								
Total employed in families ¹	4,678	28.4	71.6	61.4	4,919	26.5	73.5	63.9
Husbands	1,965	41.8	58.2	45.7	2,049	40.0	60.0	47.0
With children under 18 years of age	1,435	45.0	55.0	42.1	1,473	43.0	57.0	43.3
Wives	1,116	9.0	91.0	84.5	1,181	8.5	91.5	85.1
With children under 18 years of age	757	7.3	92.7	87.1	794	6.9	93.1	86.4
Relatives in married-couple families	738	7.0	93.0	85.3	776	3.7	96.3	91.9
Women who maintain families	315	65.4	34.6	25.6	342	63.8	36.2	24.5
With children under 18 years of age	226	73.3	26.7	16.2	241	76.8	23.2	15.8
Relatives in families maintained by women	287	30.1	69.9	52.7	279	22.2	77.8	64.0
Men who maintain families	115	36.8	63.2	53.1	143	43.1	56.9	51.4
With children under 18 years of age	41	(²)	(²)	(²)	62	70.3	29.7	25.5
Relatives in families maintained by men	122	7.7	92.3	83.6	148	9.9	90.1	84.1

¹ Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

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

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are

included in both the white and black population groups. Because of the introduction of new estimation techniques beginning with data for January 1983, these data are not comparable with those previously published. Moreover, estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES

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

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings			
	|| 1983	|| 1984	|| 1983	|| 1984	Percent change over the year in:	
					Current dollars	Constant dollars
TOTAL						
Total families with earners ¹	40,533	40,598	\$468	\$501	7.1	2.6
Married-couple families	32,997	32,763	507	545	7.6	3.1
One earner	14,558	13,434	352	368	4.7	.3
Husband	11,230	10,589	403	415	2.9	-1.3
Wife	2,584	2,164	204	204	.3	-3.8
Other family member	745	682	200	200	-2	-4.3
Two or more earners	18,438	19,328	644	675	4.8	.5
Husband and wife	15,624	16,566	654	686	4.9	.6
Husband and other family member(s)	2,110	2,083	641	675	5.3	1.0
Wife and other family member(s)	548	530	388	407	4.7	.4
Other family members only	156	149	338	361	6.8	2.3
Families maintained by women	5,828	6,218	266	279	4.8	.4
One earner	4,126	4,296	215	229	6.5	2.1
Householder	3,179	3,305	225	234	3.9	-.4
Other family member	947	991	199	211	5.7	1.4
Two or more earners	1,702	1,922	429	437	1.9	-2.3
Families maintained by men	1,708	1,617	406	408	.4	-3.8
One earner	1,073	1,007	336	333	-.6	-4.8
Two or more earners	635	610	604	589	-2.6	-6.6
White						
Total families with earners ¹	34,931	35,075	485	508	4.7	.4
Married-couple families	29,318	29,274	512	551	7.6	3.1
One earner	13,015	12,150	359	382	6.5	2.1
Husband	10,183	9,735	406	424	4.7	.3
Wife	2,173	1,813	203	206	1.2	-3.0
Two or more earners	16,303	17,124	651	682	4.7	.4
Husband and wife	13,757	14,614	660	693	5.0	.7
Families maintained by women	4,239	4,515	278	302	8.5	4.0
Families maintained by men	1,374	1,286	432	431	-.3	-4.4
Black						
Total families with earners ¹	4,612	4,565	340	366	7.7	3.3
Married-couple families	2,856	2,701	406	460	13.4	8.7
One earner	1,207	999	252	256	1.2	-3.0
Husband	796	646	288	328	13.9	9.2
Wife	331	289	203	175	-13.9	-17.4
Two or more earners	1,648	1,702	565	594	5.1	.7
Husband and wife	1,439	1,510	589	614	4.2	-.1
Families maintained by women	1,470	1,559	224	238	6.6	2.2
Families maintained by men	296	304	300	345	15.1	10.3
Hispanic origin						
Total families with earners ¹	2,488	2,705	365	385	5.6	1.2
Married-couple families	1,930	2,088	399	412	3.3	-1.0
One earner	998	1,011	260	286	10.2	5.6
Husband	835	893	295	305	3.3	-1.0
Wife	111	89	192	(²)	(²)	(²)
Two or more earners	932	1,077	531	\$555	4.6	.2
Husband and wife	716	844	549	561	2.2	-2.1
Families maintained by women	431	497	267	281	5.1	.7
Families maintained by men	126	119	383	406	6.2	1.8

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

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

NOTE: The Consumer Price Index for All Urban Consumers (CPI-U) is used to deflate quarterly earnings data published in tables A-71 through A-75. Because the Index for the most recent quarter is not available at the time *Employment and Earnings* is published, it is necessary to lag the publication of these tables by 1 quarter. Data on families for 1984

reflect revised editing and weighting procedures and are not comparable with data for 1983 and prior years. Moreover, data on median weekly earnings are now derived using \$10 intervals rather than the \$50 intervals previously used. Data for 1983 and prior years have been recalculated and are not comparable with previously published data. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)		Median weekly earnings			
	II 1983	II 1984	II 1983	II 1984	Percent change over the year in:	
					Current dollars	Constant dollars
Married-couple families ¹	4,256	3,171	\$351	\$365	4.0	-0.3
Husband unemployed	1,404	915	206	226	9.4	4.9
Wife only earner	1,068	680	204	206	1.3	-2.9
Wife and other earner(s)	165	137	382	360	-5.6	-9.5
Other earner(s) only	171	99	169	(²)	(²)	(²)
Wife unemployed	1,217	1,059	335	\$360	7.4	3.0
Husband only earner	1,042	898	321	346	7.9	3.4
Husband and other earner(s)	156	138	585	628	7.2	2.8
Other earner(s) only	19	23	(²)	(²)	(²)	(²)
Other member(s) unemployed	1,635	1,197	\$560	\$545	-2.6	-6.6
Husband or wife earner	760	555	448	425	-5.2	-9.1
Both husband and wife earners	825	575	691	709	2.6	-1.7
Other combinations of earners	51	67	(²)	(²)	(²)	(²)
Families maintained by women ¹	802	666	\$242	\$236	-2.4	-6.5
Householder unemployed	114	104	155	160	3.0	-1.3
Other member(s) unemployed	688	562	252	252	.0	-4.1
Families maintained by men ¹	236	208	291	300	3.3	-1.0

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

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

NOTE: Data on families for 1984 reflect revised editing and weighting

procedures and are not comparable with data for 1983 and prior years. Moreover, data on median weekly earnings are now derived using \$10 intervals rather than the \$50 intervals previously used. Data for 1983 and prior years have been recalculated and are not comparable with previously published data .

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY DATA**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	|| 1983	|| 1984	|| 1983	|| 1984	Percent change over the year in:	
					Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	70,312	74,728	\$308	\$325	5.4	1.0
Men, 16 years and over	42,011	44,530	375	399	6.5	2.1
16 to 24 years	6,712	7,319	220	227	3.1	-1.2
25 years and over	35,299	37,211	404	417	3.2	-1.1
Women, 16 years and over	28,301	30,199	251	258	2.9	-1.3
16 to 24 years	5,260	5,479	197	204	3.7	-.6
25 years and over	23,041	24,720	265	280	6.0	1.6
FAMILY RELATIONSHIP						
Husbands	28,559	29,813	406	425	4.7	.4
Wives	14,684	15,706	255	269	5.5	1.1
Others in married-couple families	6,477	6,706	203	212	4.3	(²)
Women who maintain families	3,834	4,237	255	258	1.3	-2.9
Others in such families	2,404	2,607	209	222	6.3	1.9
Men who maintain families	1,318	1,185	400	400	.1	-4.0
Others in such families	857	814	229	226	-1.3	-5.4
All other men ¹	6,519	7,490	352	360	2.4	-1.9
All other women ¹	5,661	6,171	271	289	7.0	2.6
RACE AND HISPANIC ORIGIN						
White	61,199	64,876	319	333	4.4	.1
Men	37,208	39,296	388	402	3.6	-.6
Women	23,991	25,580	252	262	4.2	-.1
Black	7,336	7,928	258	262	1.6	-2.6
Men	3,831	4,203	287	303	5.5	1.1
Women	3,505	3,725	236	242	2.4	-1.8
Hispanic origin	4,126	4,451	251	260	3.4	-.9
Men	2,574	2,736	277	301	8.5	4.0
Women	1,553	1,715	213	221	4.0	-.3

¹ The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

² Less than 0.05 percent.

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. Data on median weekly earnings are now derived using \$10 intervals rather than the \$50 intervals previously used. Data for 1983 and prior years have been recalculated and are not comparable with previously published data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	II 1983	II 1984	II 1983	II 1984	Percent change over the year in:	
					Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	17,199	17,480	\$87	\$88	1.2	-3.0
Men, 16 years and over	5,615	5,467	82	83	1.2	-3.0
16 to 24 years	3,299	3,304	68	73	8.2	3.8
25 years and over	2,316	2,163	114	108	-5.0	-8.9
Women, 16 years and over	11,584	12,013	90	92	2.6	-1.7
16 to 24 years	3,887	4,040	67	70	3.9	-4
25 years and over	7,697	7,974	104	105	1.0	-3.2
FAMILY RELATIONSHIP						
Husbands	1,453	1,411	114	115	1.5	-2.7
Wives	6,119	6,223	105	106	1.7	-2.5
Others in married-couple families	4,885	5,025	65	69	5.4	1.1
Women who maintain families	850	1,009	100	97	-3.4	-7.4
Others in such families	1,190	1,364	68	71	5.4	1.0
Men who maintain families	122	97	111	(²)	(²)	(²)
Others in such families	334	262	71	\$77	7.7	3.3
All other men ¹	831	676	109	112	3.4	-9
All other women ¹	1,415	1,414	90	97	7.6	3.1
RACE AND HISPANIC ORIGIN						
White	15,262	15,363	88	89	1.0	-3.2
Men	4,855	4,734	82	83	.9	-3.3
Women	10,407	10,630	91	94	2.6	-1.6
Black	1,549	1,697	77	83	6.8	2.4
Men	600	575	80	84	4.5	.2
Women	950	1,123	76	82	7.5	3.0
Hispanic origin	822	839	93	88	-5.2	-9.1
Men	343	331	92	100	9.1	4.6
Women	480	508	94	86	-8.7	-12.5

¹ The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

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

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

sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Data on median weekly earnings are now derived using \$10 intervals rather than the \$50 intervals previously used. Data for 1983 and prior years have been recalculated and are not comparable with previously published data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Occupation and sex	Number of workers (in thousands)		Median weekly earnings			
	II 1983	II 1984	II 1983	II 1984	Percent change over the year in:	
					Current dollars	Constant dollars
TOTAL						
Managerial and professional specialty	17,347	18,572	\$428	\$456	6.5	2.1
Executive, administrative, and managerial	8,008	8,610	454	477	4.9	.6
Professional specialty	9,340	9,961	417	450	7.9	3.4
Technical, sales, and administrative support	21,307	22,356	281	300	6.8	2.3
Technicians and related support	2,377	2,642	358	388	8.3	3.8
Sales occupations	6,317	6,768	306	309	.9	-3.2
Administrative support, including clerical	12,613	12,946	257	273	6.0	1.7
Service occupations	7,184	7,606	205	210	2.5	-1.7
Private household	300	340	124	131	5.8	1.4
Protective service	1,464	1,424	340	359	5.5	1.2
Service, except private household and protective	5,420	5,842	198	203	2.9	-1.4
Precision production, craft, and repair	9,707	10,577	379	387	2.3	-1.9
Mechanics and repairers	3,445	3,697	370	399	7.9	3.4
Construction trades	2,934	3,210	368	389	5.6	1.2
Other precision production, craft, and repair	3,328	3,670	399	380	-4.7	-8.7
Operators, fabricators, and laborers	13,292	14,199	273	285	4.1	-2
Machine operators, assemblers, and inspectors	6,918	7,394	258	273	5.5	1.1
Transportation and material moving occupations	3,382	3,594	323	339	4.9	.6
Handlers, equipment cleaners, helpers, and laborers	2,992	3,211	242	250	3.2	-1.1
Farming, forestry, and fishing	1,475	1,418	197	200	1.6	-2.6
Men						
Managerial and professional specialty	10,248	10,747	507	550	8.6	4.1
Executive, administrative, and managerial	5,276	5,622	509	558	9.7	5.2
Professional specialty	4,972	5,125	504	530	5.0	.7
Technical, sales, and administrative support	8,113	8,469	387	404	4.1	-2
Technicians and related support	1,391	1,554	409	452	10.4	5.9
Sales occupations	3,926	4,090	391	403	3.0	-1.2
Administrative support, including clerical	2,795	2,825	358	373	4.0	-3
Service occupations	3,667	3,867	255	260	2.2	-2.0
Private household	11	8	(¹)	(¹)	(¹)	(¹)
Protective service	1,324	1,296	\$352	\$359	2.0	-2.2
Service, except private household and protective	2,331	2,563	216	230	6.4	2.0
Precision production, craft, and repair	8,983	9,622	397	402	1.1	-3.0
Mechanics and repairers	3,331	3,539	371	400	7.8	3.3
Construction trades	2,884	3,179	371	392	5.6	1.2
Other precision production, craft, and repair	2,768	2,903	407	408	.2	-4.0
Operators, fabricators, and laborers	9,685	10,546	305	320	4.9	.6
Machine operators, assemblers, and inspectors	3,959	4,377	323	334	3.1	-1.2
Transportation and material moving occupations	3,217	3,414	326	348	6.7	2.3
Handlers, equipment cleaners, helpers, and laborers	2,509	2,756	248	260	4.8	.5
Farming, forestry, and fishing	1,315	1,279	201	203	.7	-3.4
Women						
Managerial and professional specialty	7,099	7,825	355	374	5.2	.8
Executive, administrative, and managerial	2,731	2,988	340	355	4.4	.1
Professional specialty	4,367	4,837	364	387	6.2	1.8
Technical, sales, and administrative support	13,194	13,887	247	255	3.1	-1.2
Technicians and related support	986	1,088	292	307	5.3	.9
Sales occupations	2,391	2,678	204	208	2.1	-2.1
Administrative support, including clerical	9,817	10,121	249	256	2.9	-1.3
Service occupations	3,517	3,739	171	184	7.7	3.2
Private household	289	332	123	129	4.7	.3
Protective service	139	129	235	359	52.6	46.3
Service, except private household and protective	3,088	3,279	177	187	5.6	1.3
Precision production, craft, and repair	724	956	249	263	5.5	1.1
Mechanics and repairers	113	158	349	306	-12.2	-15.8
Construction trades	50	31	(¹)	(¹)	(¹)	(¹)
Other precision production, craft, and repair	561	766	\$233	\$252	8.1	3.6
Operators, fabricators, and laborers	3,607	3,653	204	205	.6	-3.6
Machine operators, assemblers, and inspectors	2,959	3,018	203	205	1.0	-3.2
Transportation and material moving occupations	165	180	266	237	-10.9	-14.6
Handlers, equipment cleaners, helpers, and laborers	484	455	208	201	-3.3	-7.2
Farming, forestry, and fishing	160	139	159	179	12.1	7.5

¹ Data not shown where base is less than 100,000.
NOTE: Data on median weekly earnings are now derived using \$10 intervals rather than the \$50 intervals previously used. Data for 1983

have been recalculated and are not comparable with previously published data.

**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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Total		89,842	91,485	94,239	94,507	95,224	-	-	-	-	-
Total private		74,878	75,901	79,033	79,400	79,537	60,500	61,510	64,034	64,328	64,449
Mining		960	956	1,021	1,028	1,028	680	679	731	737	739
Metal mining	10	55.8	54.9	58.2	56.2	-	40.7	40.2	42.8	40.7	-
Iron ores	101	9.7	7.7	12.4	10.8	-	6.7	5.3	9.4	7.9	-
Copper ores	102	18.7	19.5	16.7	16.2	-	13.1	13.8	11.9	11.4	-
Coal mining	11,12	196.4	197.6	208.7	209.3	-	157.9	159.5	170.1	169.8	-
Bituminous coal and lignite mining	12	193.6	194.6	206.1	206.7	-	155.4	157.1	167.8	167.6	-
Oil and gas extraction	13	595.6	591.8	635.1	642.6	643.2	395.4	393.7	425.9	434.0	-
Crude petroleum, natural gas, and natural gas liquids ...	131,2	266.1	260.7	261.4	260.2	-	124.5	120.6	120.0	120.0	-
Oil and gas field services	138	329.5	331.1	373.7	382.4	-	270.9	273.1	305.9	314.0	-
Nonmetallic minerals, except fuels	14	111.8	112.0	119.3	120.3	-	85.5	85.7	92.0	92.9	-
Crushed and broken stone	142	36.9	37.0	39.3	39.4	-	29.4	29.5	31.6	31.7	-
Sand and gravel	144	35.4	35.4	38.8	39.1	-	-	-	-	-	-
Chemical and fertilizer minerals	147	20.5	20.6	21.5	21.7	-	-	-	-	-	-
Construction		4,269	4,273	4,622	4,657	4,651	3,337	3,343	3,641	3,670	3,666
General building contractors	15	1,112.1	1,100.1	1,212.6	1,212.3	1,204.5	837.1	828.3	918.0	914.4	-
Residential building construction	152	542.0	539.4	592.1	587.5	-	396.5	396.1	437.9	429.7	-
Operative builders	153	62.4	60.3	65.4	65.4	-	35.3	34.0	35.7	35.8	-
Nonresidential building construction	154	507.7	500.4	555.1	559.4	-	405.3	398.2	444.4	448.9	-
Heavy construction contractors	16	867.0	869.3	859.2	866.8	-	709.5	712.7	711.0	719.0	-
Highway and street construction	161	284.3	285.4	298.5	303.2	-	243.4	245.1	255.4	260.5	-
Heavy construction, except highway	162	582.7	583.9	560.7	563.6	-	466.1	467.6	455.6	458.5	-
Special trade contractors	17	2,290.3	2,303.6	2,549.8	2,577.7	-	1,790.1	1,801.6	2,012.4	2,036.3	-
Plumbing, heating, and air conditioning	171	517.6	521.9	556.8	563.2	-	374.0	378.8	413.2	417.3	-
Painting, paper hanging, and decorating	172	145.9	144.2	160.2	162.2	-	123.2	121.2	136.0	138.5	-
Electrical work	173	419.1	423.4	455.8	459.2	-	319.7	324.2	347.8	350.5	-
Masonry, stonework, and plastering	174	354.3	357.7	404.0	409.7	-	303.0	304.9	345.2	348.8	-
Carpentering and flooring	175	126.5	128.9	137.9	140.9	-	96.2	98.2	104.9	107.8	-
Roofing and sheet metal work	176	179.4	179.2	198.5	202.3	-	144.3	144.3	161.9	165.5	-
Manufacturing		18,715	18,971	19,645	19,850	19,894	12,762	13,014	13,461	13,646	13,723
Durable goods		10,842	11,047	11,687	11,755	11,819	7,197	7,399	7,863	7,917	7,994
Lumber and wood products	24	702.5	706.1	731.0	736.3	729.7	589.7	593.3	615.4	619.9	613.0
Logging camps and logging contractors	241	91.1	91.2	87.6	90.9	-	72.1	72.4	69.3	71.9	-
Sawmills and planing mills	242	206.1	206.5	214.0	214.4	-	183.2	183.8	190.1	190.3	-
Sawmills and planing mills, general	2421	172.4	172.4	178.2	178.0	-	153.5	153.8	158.9	158.6	-
Hardwood dimension and flooring	2426	29.2	29.5	30.3	30.8	-	25.7	25.9	26.6	26.9	-
Millwork, plywood, and structural members	243	211.4	213.2	225.3	226.6	-	176.4	177.6	189.3	190.3	-
Millwork	2431	78.9	79.5	84.4	84.8	-	64.1	64.6	69.2	69.5	-
Wood kitchen cabinets	2434	52.6	54.0	60.5	61.0	-	42.3	43.4	49.7	50.3	-
Hardwood veneer and plywood	2435	23.7	23.8	24.8	24.9	-	20.9	20.9	22.0	21.9	-
Softwood veneer and plywood	2436	37.2	36.9	36.0	36.5	-	33.6	33.3	32.6	33.2	-
Wood containers	244	39.6	39.4	42.7	42.6	-	33.7	33.4	36.2	36.4	-
Wood buildings and mobile homes	245	77.0	77.3	79.4	78.0	-	60.3	60.9	62.2	60.8	-
Mobile homes	2451	56.5	57.0	58.1	57.0	-	45.9	46.3	47.2	46.4	-
Miscellaneous wood products	249	77.3	78.5	82.0	83.8	-	64.0	65.2	68.3	70.2	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Durable goods—Continued											
Furniture and fixtures	25	452.3	461.1	473.8	483.3	486.4	359.9	368.1	377.3	385.4	388.6
Household furniture	251	278.5	282.2	276.7	282.3	-	231.0	234.8	230.6	235.3	-
Wood household furniture	2511	125.3	126.4	121.3	125.2	-	108.5	109.6	105.0	108.5	-
Upholstered household furniture	2512	87.1	88.2	88.1	89.8	-	70.5	71.8	72.2	73.5	-
Metal household furniture	2514	24.4	25.2	25.4	24.8	-	19.3	20.0	19.9	19.5	-
Mattresses and bedsprings	2515	29.7	30.0	29.5	29.4	-	22.6	22.9	22.9	22.9	-
Office furniture	252	57.4	59.6	66.2	68.3	-	44.5	46.3	50.8	52.3	-
Public building and related furniture	253	23.5	24.1	25.6	25.8	-	17.3	17.6	19.4	19.7	-
Partitions and fixtures	254	60.7	62.0	68.9	69.5	-	44.9	46.5	51.5	51.9	-
Miscellaneous furniture and fixtures	259	32.2	33.2	36.4	37.4	-	22.2	22.9	25.0	26.2	-
Stone, clay, and glass products	32	594.3	599.0	619.8	622.1	622.6	457.2	462.1	477.6	480.7	481.8
Flat glass	321	16.1	16.3	15.7	15.8	-	12.7	12.9	12.5	12.5	-
Glass and glassware, pressed or blown	322	105.2	106.8	99.7	98.8	-	89.1	90.5	84.6	84.0	-
Glass containers	3221	58.4	58.0	52.0	52.1	-	51.6	51.1	45.9	46.1	-
Pressed and blown glass, nec	3229	46.8	48.8	47.7	46.7	-	37.5	39.4	38.7	37.9	-
Products of purchased glass	323	46.0	46.7	49.4	50.3	-	30.8	31.5	34.1	35.3	-
Cement, hydraulic	324	26.1	26.2	26.8	26.9	-	20.6	20.6	21.0	21.1	-
Structural clay products	325	37.3	38.0	39.8	40.1	-	28.4	29.2	31.0	31.2	-
Pottery and related products	326	39.5	40.5	40.6	42.3	-	31.2	31.9	31.8	33.8	-
Concrete, gypsum, and plaster products	327	199.4	199.0	214.0	214.6	-	155.7	155.5	167.4	167.9	-
Concrete block and brick	3271	18.4	18.3	20.1	20.0	-	12.8	12.7	13.8	13.7	-
Concrete products, nec	3272	65.4	65.8	71.4	72.2	-	49.4	49.8	54.3	54.9	-
Ready-mixed concrete	3273	97.7	97.1	103.7	103.7	-	79.0	78.6	84.4	84.5	-
Misc. nonmetallic mineral products	329	113.8	114.6	122.7	122.0	-	80.2	81.4	86.4	85.8	-
Abrasive products	3291	22.9	22.8	24.7	24.7	-	15.0	15.1	16.5	16.4	-
Asbestos products	3292	12.1	12.3	12.8	12.1	-	9.1	9.2	9.8	9.3	-
Mineral wool	3296	26.9	27.5	27.8	27.6	-	-	-	-	-	-
Primary metal industries	33	841.3	854.7	878.6	881.7	877.4	628.6	641.9	666.7	670.9	667.6
Blast furnaces and basic steel products	331	346.9	346.2	345.5	338.5	334.9	261.8	261.7	266.6	260.6	-
Blast furnaces and steel mills	3312	282.2	279.6	275.8	268.9	-	214.3	212.4	214.4	208.3	-
Steel pipe and tubes	3317	24.4	24.7	25.4	25.3	-	17.5	17.9	18.7	18.7	-
Iron and steel foundries	332	142.5	146.1	155.9	160.5	-	109.5	113.2	122.9	127.6	-
Gray iron foundries	3321	92.0	94.1	99.7	102.2	-	72.9	75.2	81.0	83.6	-
Malleable iron foundries	3322	10.8	11.6	11.5	11.9	-	7.7	8.4	8.4	8.7	-
Steel foundries, nec	3325	29.5	30.1	32.2	33.8	-	21.8	22.4	24.3	25.9	-
Primary nonferrous metals	333	50.5	52.0	54.3	53.8	-	36.6	38.0	39.8	39.4	-
Primary aluminum	3334	26.6	27.3	29.6	29.2	-	20.3	20.9	22.9	22.5	-
Nonferrous rolling and drawing	335	180.7	186.1	187.7	190.1	-	127.3	132.1	131.4	134.1	-
Copper rolling and drawing	3351	25.6	25.9	25.7	26.4	-	18.6	19.2	18.5	19.5	-
Aluminum sheet, plate, and foil	3353	30.3	30.5	30.2	31.0	-	23.5	23.8	22.5	23.1	-
Nonferrous wire drawing and insulating	3357	75.1	79.7	80.1	81.1	-	52.5	56.1	56.4	57.6	-
Nonferrous foundries	336	79.6	81.7	87.9	90.7	-	63.4	65.7	70.5	73.1	-
Aluminum foundries	3361	47.6	49.1	53.9	56.0	-	38.7	40.5	44.3	46.1	-
Fabricated metal products	34	1,383.6	1,406.5	1,476.6	1,490.8	1,501.9	1,004.4	1,027.1	1,088.4	1,101.0	1,112.7
Metal cans and shipping containers	341	62.5	62.4	61.7	61.9	-	52.5	52.7	52.6	52.5	-
Metal cans	3411	50.4	49.9	49.2	49.2	-	43.3	43.0	42.7	42.6	-
Cutlery, hand tools, and hardware	342	138.0	140.8	144.3	146.8	-	101.0	103.6	106.5	108.7	-
Hand and edge tools, and hand saws and blades	3423,5	43.4	44.2	45.0	46.4	-	31.4	32.1	32.9	34.2	-
Hardware, nec	3429	81.0	83.0	85.6	86.5	-	60.4	62.3	64.8	65.4	-
Plumbing and heating, except electric	343	61.6	63.1	65.2	66.3	-	43.4	44.8	46.7	47.6	-
Plumbing fittings and brass goods	3432	24.4	24.8	27.4	27.5	-	18.2	18.8	20.7	20.9	-
Heating equipment, except electric	3433	28.6	29.1	28.6	29.4	-	19.2	19.6	19.1	19.6	-
Fabricated structural metal products	344	435.1	438.9	460.4	464.3	-	295.0	298.5	316.7	321.1	-
Fabricated structural metal	3441	77.7	78.0	81.3	82.2	-	53.9	54.2	57.2	57.8	-
Metal doors, sash, and trim	3442	86.0	86.7	92.5	93.3	-	63.6	64.2	67.9	68.8	-
Fabricated plate work (boiler shops)	3443	104.6	104.8	105.3	106.6	-	59.9	60.2	61.6	63.6	-
Sheet metal work	3444	107.2	109.1	117.4	118.0	-	77.6	79.4	86.6	87.3	-
Architectural metal work	3446	26.9	27.3	27.8	27.8	-	18.6	18.9	19.9	20.0	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Screw machine products, bolts, etc	345	84.5	86.4	94.2	95.2	-	62.9	64.8	71.9	73.0	-
Screw machine products	3451	39.2	40.5	45.9	46.3	-	30.9	32.2	37.2	37.7	-
Bolts, nuts, rivets, and washers	3452	45.3	45.9	48.3	48.9	-	32.0	32.6	34.7	35.3	-
Metal forgings and stampings	346	228.5	236.3	252.7	253.8	-	180.6	188.5	202.3	202.7	-
Iron and steel forgings	3462	30.5	31.0	34.1	33.3	-	22.7	23.3	26.2	25.4	-
Automotive stampings	3465	85.8	90.9	98.2	97.3	-	72.8	77.7	84.0	82.7	-
Metal stampings, nec	3469	101.3	103.4	109.3	111.9	-	76.8	79.1	83.8	86.2	-
Metal services, nec	347	95.2	96.6	101.4	103.7	-	75.4	76.5	80.9	83.2	-
Plating and polishing	3471	65.4	66.0	69.4	71.7	-	52.7	53.3	56.1	58.3	-
Metal coating and allied services	3479	29.8	30.6	32.0	32.0	-	22.7	23.2	24.8	24.9	-
Ordnance and accessories, nec	348	64.2	65.0	68.3	68.7	-	40.7	41.5	44.5	45.0	-
Ammunition, except for small arms, nec	3483	29.5	29.7	31.4	31.7	-	19.0	19.0	20.4	21.1	-
Misc. fabricated metal products	349	214.0	217.0	228.4	230.1	-	152.9	156.2	166.3	167.2	-
Valves and pipe fittings	3494	81.4	81.6	86.5	86.8	-	53.0	53.7	58.6	58.5	-
Misc. fabricated wire products	3496	52.4	53.8	55.8	56.0	-	39.7	41.0	42.6	42.6	-
Machinery, except electrical	35	2,034.3	2,062.6	2,230.9	2,235.6	2,247.1	1,193.6	1,223.8	1,356.6	1,358.1	1,375.8
Engines and turbines	351	97.4	97.6	113.3	112.6	-	55.7	56.3	70.0	69.3	-
Turbines and turbine generator sets	3511	34.9	34.7	34.9	34.7	-	16.8	16.7	17.4	17.2	-
Internal combustion engines, nec	3519	62.5	62.9	78.4	77.9	-	38.9	39.6	52.6	52.1	-
Farm and garden machinery	352	103.6	109.7	114.0	112.3	-	66.1	71.5	75.7	73.9	-
Farm machinery and equipment	3523	84.9	89.6	93.5	93.4	-	53.1	57.4	61.1	60.8	-
Construction and related machinery	353	252.4	255.5	278.7	280.0	-	144.4	148.8	172.3	173.6	-
Construction machinery	3531	87.8	89.9	96.1	95.3	-	46.9	50.0	59.1	58.6	-
Mining machinery	3532	20.9	20.6	24.2	24.8	-	11.9	11.7	14.3	14.8	-
Oil field machinery	3533	68.4	68.2	76.0	76.9	-	42.0	42.2	49.0	49.7	-
Conveyors and conveying equipment	3535	26.4	26.8	29.8	29.9	-	13.8	13.9	16.1	16.2	-
Industrial trucks and tractors	3537	25.3	25.6	28.6	28.6	-	15.7	16.2	19.3	19.4	-
Metalworking machinery	354	277.3	281.9	309.8	311.5	-	192.4	196.3	219.0	221.6	-
Machine tools, metal cutting types	3541	50.8	51.7	57.1	56.5	-	29.1	29.8	34.9	34.7	-
Machine tools, metal forming types	3542	16.9	17.4	18.8	19.3	-	9.7	10.2	11.5	12.0	-
Special dies, tools, jigs, and fixtures	3544	119.7	122.3	133.8	133.4	-	92.3	94.7	104.7	104.6	-
Machine tool accessories	3545	50.9	51.9	58.6	59.0	-	34.9	35.4	40.8	41.5	-
Power driven hand tools	3546	22.4	22.7	23.5	25.2	-	16.3	16.5	15.7	17.4	-
Special industry machinery	355	160.5	161.3	168.6	169.1	-	94.1	94.8	100.7	100.8	-
Food products machinery	3551	36.3	36.7	36.2	36.2	-	22.2	22.4	22.2	22.1	-
Textile machinery	3552	20.4	20.2	20.7	20.4	-	13.8	13.8	14.2	14.0	-
Printing trades machinery	3555	33.0	32.9	34.5	33.8	-	19.0	18.8	20.2	19.4	-
General industrial machinery	356	252.2	256.5	279.5	280.1	-	155.6	159.8	178.4	179.7	-
Pumps and pumping equipment	3561	48.8	49.7	53.8	54.3	-	26.9	28.0	31.1	31.8	-
Ball and roller bearings	3562	43.5	44.8	49.8	49.9	-	32.0	33.3	37.2	37.3	-
Air and gas compressors	3563	22.9	23.0	23.0	23.1	-	11.5	11.8	12.7	12.8	-
Blowers and fans	3564	31.7	32.3	35.0	34.7	-	19.4	19.8	21.7	21.7	-
Speed changers, drives, and gears	3566	18.9	19.2	20.9	20.8	-	12.1	12.2	14.1	14.1	-
Power transmission equipment, nec	3568	16.5	16.7	19.3	19.7	-	10.9	11.2	13.0	13.6	-
Office and computing machines	357	487.7	487.5	512.8	515.5	-	195.3	197.2	205.4	203.9	-
Electronic computing equipment	3573	422.1	421.4	447.1	449.6	-	163.2	163.8	170.9	170.1	-
Refrigeration and service machinery	358	162.0	166.4	183.2	183.2	-	110.7	114.9	129.0	128.6	-
Refrigeration and heating equipment	3585	113.5	116.9	129.3	128.9	-	78.7	81.9	93.0	92.2	-
Misc. machinery, except electrical	359	241.2	246.2	271.0	271.3	-	179.3	184.2	206.1	206.7	-
Carburetors, pistons, rings, and valves	3592	34.0	35.7	38.5	38.5	-	27.0	28.5	31.2	31.5	-
Machinery, except electrical, nec	3599	207.2	210.5	232.5	232.8	-	152.3	155.7	174.9	175.2	-
Electrical and electronic equipment	36	2,021.6	2,076.5	2,247.3	2,268.1	2,278.1	1,221.0	1,271.9	1,379.1	1,395.4	1,408.4
Electric distributing equipment	361	107.1	109.9	113.7	116.2	-	76.7	78.3	81.9	84.5	-
Transformers	3612	47.7	48.7	51.3	53.3	-	33.4	34.0	37.0	38.9	-
Switchgear and switchboard apparatus	3613	59.4	61.2	62.4	62.9	-	43.3	44.3	44.9	45.6	-
Electrical industrial apparatus	362	197.5	200.9	214.3	212.6	-	136.2	139.9	151.8	150.2	-
Motors and generators	3621	98.3	100.2	105.4	103.3	-	75.0	77.1	81.5	79.7	-
Industrial controls	3622	62.0	62.8	68.1	68.4	-	36.5	37.4	42.0	42.2	-
Household appliances	363	142.2	148.3	150.9	151.1	-	110.7	116.1	118.8	118.9	-
Household refrigerators and freezers	3632	26.7	28.6	28.7	24.4	-	21.4	23.1	23.0	18.6	-
Household laundry equipment	3633	19.9	19.6	20.8	21.1	-	15.6	15.2	16.1	16.4	-
Electric housewares and fans	3634	42.7	44.0	42.6	46.3	-	32.4	33.7	32.7	36.4	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Durable goods—Continued											
Electrical and electronic equipment—Continued											
Electric lighting and wiring equipment	364	187.2	191.4	203.4	207.1	-	137.2	140.9	148.7	151.4	-
Electric lamps	3641	26.9	28.2	29.0	29.6	-	23.2	24.5	25.0	25.6	-
Current-carrying wiring devices	3643	78.2	79.7	87.7	88.8	-	52.5	53.7	58.6	59.2	-
Noncurrent-carrying wiring devices	3644	17.2	17.6	17.2	17.7	-	12.5	12.9	12.4	12.6	-
Residential lighting fixtures	3645	25.9	25.9	26.4	27.5	-	19.8	19.8	20.0	20.9	-
Radio and TV receiving equipment	365	86.6	88.9	91.2	92.0	-	59.6	61.7	63.6	64.0	-
Radio and TV receiving sets	3651	67.3	69.1	71.5	71.7	-	45.5	46.9	49.1	49.1	-
Communication equipment	366	558.1	578.3	620.1	622.3	-	243.0	262.3	284.7	285.4	-
Telephone and telegraph apparatus	3661	122.8	141.5	153.4	154.1	-	71.3	89.8	99.3	99.3	-
Radio and TV communication equipment	3662	435.3	436.8	466.7	468.2	-	171.7	172.5	185.4	186.1	-
Electronic components and accessories	367	595.0	605.3	697.3	706.2	-	352.6	361.6	418.5	426.7	-
Electronic tubes	3671-3	39.5	39.8	42.0	42.2	-	24.8	24.9	25.7	26.0	-
Semiconductors and related devices	3674	237.1	239.6	279.0	281.0	-	101.1	102.8	119.2	122.4	-
Electronic components, nec	3679	244.1	249.7	285.8	291.4	-	171.0	176.4	204.1	208.1	-
Misc. electrical equipment and supplies	369	147.9	153.5	156.4	160.6	-	105.0	111.1	111.1	114.3	-
Storage batteries	3691	28.7	30.6	29.0	31.2	-	22.6	24.4	22.2	24.1	-
Engine electrical equipment	3694	56.1	59.5	64.5	64.6	-	43.2	46.7	50.1	50.3	-
Transportation equipment	37	1,738.9	1,800.3	1,922.2	1,913.9	1,951.7	1,078.7	1,139.1	1,220.2	1,212.4	1,249.4
Motor vehicles and equipment	371	750.4	801.9	859.7	858.6	875.8	559.2	611.9	658.3	654.8	-
Motor vehicles and car bodies	3711	344.3	371.2	384.6	381.9	-	244.3	272.7	281.7	277.5	-
Truck and bus bodies	3713	34.4	35.5	41.1	41.5	-	26.2	27.2	32.5	32.7	-
Motor vehicle parts and accessories	3714	336.3	355.7	383.4	384.9	-	261.6	281.0	303.7	304.7	-
Truck trailers	3715	24.1	25.5	34.1	33.9	-	18.2	19.6	27.0	26.6	-
Aircraft and parts	372	571.6	576.2	603.6	588.9	-	273.7	276.7	287.0	276.2	-
Aircraft	3721	307.2	305.3	321.7	311.0	-	130.3	128.5	133.9	127.2	-
Aircraft engines and engine parts	3724	134.1	139.7	144.6	141.3	-	69.1	72.9	74.6	72.0	-
Aircraft equipment, nec	3728	130.3	131.2	137.3	136.6	-	74.3	75.3	78.5	77.0	-
Ship and boat building and repairing	373	183.4	185.7	207.3	207.6	-	138.0	140.0	157.2	156.8	-
Ship building and repairing	3731	141.4	142.6	156.9	158.4	-	103.6	104.6	115.7	116.5	-
Boat building and repairing	3732	42.0	43.1	50.4	49.2	-	34.4	35.4	41.5	40.3	-
Railroad equipment	374	30.3	32.1	37.3	37.9	-	19.7	20.8	25.7	26.5	-
Guided missiles, space vehicles, and parts	376	141.7	142.6	150.0	155.9	-	46.2	46.6	47.8	52.9	-
Guided missiles and space vehicles	3761	110.0	110.6	115.0	120.4	-	34.8	35.2	35.3	40.0	-
Miscellaneous transportation equipment	379	46.1	47.4	49.5	49.1	-	30.7	32.5	33.5	33.4	-
Travel trailers and campers	3792	20.9	21.1	21.8	20.9	-	16.4	16.6	17.1	16.5	-
Instruments and related products	38	695.7	700.3	726.5	729.0	727.1	389.9	395.4	404.5	404.8	404.9
Engineering and scientific instruments	381	76.1	76.3	81.0	81.0	-	34.7	35.3	36.0	35.8	-
Measuring and controlling devices	382	232.2	235.1	253.9	254.9	-	136.1	138.6	146.2	146.4	-
Environmental controls	3822	42.4	43.8	46.9	46.4	-	27.8	28.6	30.0	29.9	-
Process control instruments	3823	52.0	52.0	54.6	55.0	-	24.6	24.6	26.6	27.1	-
Instruments to measure electricity	3825	98.3	98.7	108.3	109.0	-	57.3	58.1	60.6	60.6	-
Optical instruments and lenses	383	32.8	33.0	31.7	31.8	-	16.6	17.0	16.8	16.9	-
Medical instruments and supplies	384	171.7	172.9	175.7	176.2	-	104.7	105.7	105.7	105.6	-
Surgical and medical instruments	3841	86.6	86.4	85.2	84.9	-	50.9	50.6	48.3	47.6	-
Surgical appliances and supplies	3842	71.0	72.3	75.7	76.6	-	45.6	46.9	48.9	49.6	-
Ophthalmic goods	385	39.0	39.3	41.1	41.4	-	26.8	27.1	27.3	27.3	-
Photographic equipment and supplies	386	127.6	127.5	127.2	127.2	-	59.8	60.4	61.3	61.1	-
Watches, clocks, and watchcases	387	16.3	16.2	15.9	16.5	-	11.2	11.3	11.2	11.7	-
Miscellaneous manufacturing	39	377.5	379.4	380.4	394.1	397.1	273.5	276.1	276.7	288.4	291.8
Jewelry, silverware, and plated ware	391	53.5	54.4	49.6	52.7	-	37.8	38.6	33.7	36.7	-
Jewelry, precious metal	3911	36.0	36.6	32.4	34.8	-	25.4	26.0	21.7	23.9	-
Musical instruments	393	17.4	17.7	17.7	17.6	-	13.7	14.0	13.8	13.7	-
Toys and sporting goods	394	112.3	111.6	120.1	124.6	-	81.4	81.8	90.4	94.0	-
Dolls, games, toys, and children's vehicles	3942,4	60.6	59.3	61.1	66.2	-	42.4	42.2	45.0	49.2	-
Sporting and athletic goods, nec	3949	51.7	52.3	59.0	58.4	-	39.0	39.6	45.4	44.8	-
Pens, pencils, office, and art supplies	395	32.3	32.4	33.8	34.1	-	22.4	22.5	22.9	23.2	-
Costume jewelry and notions	396	36.6	38.1	33.7	37.3	-	28.1	29.3	25.4	28.5	-
Costume jewelry	3961	19.7	20.7	18.2	20.7	-	15.2	15.9	13.7	15.8	-
Miscellaneous manufactures	399	125.4	125.2	125.5	127.8	-	90.1	89.9	90.5	92.3	-
Signs and advertising displays	3993	47.3	47.1	50.5	51.5	-	33.4	33.1	35.9	36.6	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Nondurable goods		7,873	7,924	7,958	8,095	8,075	5,565	5,615	5,598	5,729	5,729
Food and kindred products	20	1,712.4	1,723.7	1,688.1	1,735.5	1,727.7	1,202.8	1,212.8	1,179.8	1,226.9	1,223.5
Meat products	201	350.0	353.3	358.8	360.1	-	292.4	295.3	302.3	303.5	-
Meat packing plants	2011	143.6	146.5	146.4	145.5	-	116.7	119.3	121.5	120.8	-
Sausages and other prepared meats	2013	73.1	72.7	72.9	72.8	-	54.4	54.1	54.2	53.8	-
Poultry dressing plants	2016	115.7	116.5	122.1	124.3	-	105.7	106.3	111.2	113.3	-
Dairy products	202	169.1	166.5	168.5	167.5	-	98.5	96.5	99.3	98.0	-
Cheese, natural and processed	2022	38.4	38.0	38.3	37.6	-	29.5	29.1	29.3	28.5	-
Fluid milk	2026	90.1	89.7	89.5	89.3	-	42.0	41.8	43.2	43.0	-
Preserved fruits and vegetables	203	303.0	308.5	272.6	312.2	-	260.2	264.7	228.4	268.9	-
Canned specialties	2032	25.7	27.8	26.2	28.7	-	19.3	21.4	19.4	21.8	-
Canned fruits and vegetables	2033	143.9	142.5	111.9	144.3	-	127.1	125.1	94.8	127.8	-
Frozen fruits and vegetables	2037	53.2	57.2	52.4	54.9	-	46.1	50.0	46.4	49.0	-
Grain mill products	204	132.4	132.8	128.9	129.9	-	89.4	89.6	86.3	87.3	-
Flour and other grain mill products	2041	25.5	25.5	24.2	24.2	-	15.2	15.2	14.4	14.4	-
Prepared feeds, nec	2048	48.2	48.2	47.0	47.0	-	31.0	30.7	29.6	29.7	-
Bakery products	205	216.9	217.2	215.5	214.2	-	128.9	129.3	128.9	127.5	-
Bread, cake, and related products	2051	172.3	172.2	170.2	169.4	-	93.0	93.1	92.7	91.6	-
Cookies and crackers	2052	44.6	45.0	45.3	44.8	-	35.9	36.2	36.2	35.9	-
Sugar and confectionery products	206	98.6	104.0	96.8	101.3	-	75.7	80.8	73.8	77.7	-
Cane and beet sugar	2061-3	23.9	26.1	22.3	23.6	-	17.8	20.2	17.1	18.2	-
Confectionery products	2065	54.2	57.8	54.3	57.0	-	43.9	47.0	43.1	45.5	-
Fats and oils	207	38.6	38.7	38.9	38.8	-	28.5	28.5	28.4	28.3	-
Beverages	208	228.8	230.3	230.5	231.4	-	97.6	98.7	99.3	100.0	-
Malt beverages	2082	48.9	49.1	49.6	49.2	-	29.6	29.3	31.0	30.6	-
Bottled and canned soft drinks	2086	134.1	132.7	137.3	136.1	-	43.9	42.7	45.3	44.6	-
Misc. food and kindred products	209	175.0	172.4	177.6	180.1	-	131.6	129.4	133.1	135.7	-
Tobacco manufactures	21	69.3	72.5	62.1	68.6	73.2	53.2	56.3	45.7	52.0	56.6
Cigarettes	211	47.0	46.3	45.0	45.1	-	35.5	34.6	33.2	33.2	-
Textile mill products	22	754.9	761.0	742.0	755.2	752.2	652.9	659.0	640.4	652.7	650.7
Weaving mills, cotton	221	124.6	125.7	120.3	120.3	-	110.8	112.4	107.5	107.6	-
Weaving mills, synthetics	222	92.7	93.5	90.4	92.2	-	83.1	83.9	80.1	82.1	-
Weaving and finishing mills, wool	223	17.8	18.3	18.0	18.6	-	15.0	15.4	15.0	15.6	-
Narrow fabric mills	224	22.5	22.4	21.4	22.9	-	19.4	19.3	18.2	19.6	-
Knitting mills	225	208.7	209.9	208.7	209.4	-	181.3	182.2	181.7	182.4	-
Women's hosiery, except socks	2251	33.9	34.3	34.3	34.6	-	30.6	30.8	30.8	31.0	-
Hosiery, nec	2252	36.0	35.9	35.6	35.6	-	32.5	32.3	32.0	32.0	-
Knit outerwear mills	2253	63.1	64.0	63.3	63.9	-	54.5	55.2	54.5	55.1	-
Knit underwear mills	2254	30.8	30.7	30.3	30.4	-	25.9	26.0	26.1	26.1	-
Circular knit fabric mills	2257	25.2	25.2	25.6	25.3	-	21.3	21.3	21.9	21.7	-
Textile finishing, except wool	226	63.9	64.3	63.3	63.8	-	53.3	53.8	53.1	53.3	-
Finishing plants, cotton	2261	25.5	25.4	24.5	24.8	-	21.2	21.2	20.4	20.8	-
Finishing plants, synthetics	2262	23.6	23.8	23.3	23.5	-	19.6	19.8	19.5	19.5	-
Floor covering mills	227	49.8	50.3	52.9	54.0	-	40.0	40.5	42.5	43.6	-
Yarn and thread mills	228	114.0	114.7	107.1	111.7	-	102.0	102.4	95.0	99.1	-
Yarn mills, except wool	2281	78.2	78.5	74.3	76.5	-	70.5	70.7	66.6	68.6	-
Throwing and winding mills	2282	17.9	18.2	17.0	17.7	-	16.0	16.3	15.2	15.8	-
Miscellaneous textile goods	229	60.9	61.9	59.9	62.3	-	48.0	49.1	47.3	49.4	-
Apparel and other textile products	23	1,177.1	1,182.3	1,165.2	1,207.2	1,202.3	996.2	1,010.6	980.7	1,019.8	1,015.7
Men's and boys' suits and coats	231	69.2	71.3	70.7	72.3	-	60.3	62.2	62.0	63.6	-
Men's and boys' furnishings	232	330.9	335.0	332.9	347.7	-	283.2	286.9	284.7	299.6	-
Men's and boys' shirts and nightwear	2321	95.4	96.8	98.2	100.2	-	82.0	83.4	85.2	87.1	-
Men's and boys' separate trousers	2327	63.4	63.9	67.3	67.8	-	54.8	55.5	58.6	59.3	-
Men's and boys' work clothing	2328	100.9	102.1	95.1	105.1	-	85.5	86.4	79.2	89.4	-
Women's and misses' outerwear	233	389.9	392.0	371.4	386.7	-	329.9	331.9	311.1	324.6	-
Women's and misses' blouses and waists	2331	60.3	60.2	58.0	58.9	-	51.0	51.2	49.3	50.0	-
Women's and misses' dresses	2335	125.0	124.7	113.5	120.6	-	107.2	107.0	95.6	102.2	-
Women's and misses' suits and coats	2337	60.6	61.1	58.3	60.0	-	51.4	51.3	48.2	49.8	-
Women's and misses' outerwear, nec	2339	144.0	146.0	141.6	147.2	-	120.3	122.4	118.0	122.6	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	85.4	87.0	84.8	88.3	-	72.2	73.5	70.9	74.0	-
Women's and children's underwear	2341	69.3	70.5	68.9	72.2	-	60.2	61.3	59.2	62.0	-
Brassieres and allied garments	2342	16.1	16.5	15.9	16.1	-	12.0	12.2	11.7	12.0	-
Children's outerwear	236	59.8	60.7	63.5	62.8	-	50.7	51.8	53.9	52.6	-
Children's dresses and blouses	2361	24.9	25.3	25.6	25.3	-	21.9	22.4	22.7	22.2	-
Misc. apparel and accessories	238	47.7	47.9	46.0	48.7	-	39.5	39.8	37.6	40.4	-
Misc. fabricated textile products	239	174.8	178.7	175.0	179.8	-	144.2	147.8	143.3	147.7	-
Curtains and draperies	2391	25.8	26.2	25.4	26.0	-	21.2	21.6	20.6	21.3	-
House furnishings, nec	2392	51.3	52.3	50.0	52.7	-	43.4	44.3	42.3	44.6	-
Automotive and apparel trimmings	2396	31.1	32.8	32.8	31.8	-	25.6	27.3	26.9	26.0	-
Paper and allied products	26	666.6	669.2	687.5	689.6	684.6	497.7	501.4	516.4	517.7	515.9
Paper and pulp mills	261,2,6	199.9	201.2	208.3	207.9	-	150.1	151.5	157.3	156.7	-
Paper mills, except building paper	262	174.1	175.3	181.9	181.6	-	129.1	130.5	135.7	135.3	-
Paperboard mills	263	59.1	58.6	59.7	59.4	-	45.4	45.1	45.7	45.4	-
Misc. converted paper products	264	215.1	215.2	223.5	225.1	-	155.6	156.1	162.9	163.6	-
Paper coating and glazing	2641	56.0	55.9	58.3	58.5	-	36.2	36.2	37.9	37.9	-
Envelopes	2642	24.4	24.8	25.0	25.0	-	18.9	19.3	19.2	19.4	-
Bags, except textile bags	2643	47.0	47.8	48.6	49.1	-	36.6	37.1	37.9	38.4	-
Paperboard containers and boxes	265	192.5	194.2	196.0	197.2	-	146.6	148.7	150.5	152.0	-
Folding paperboard boxes	2651	41.0	41.5	41.1	41.5	-	31.8	32.5	32.1	32.6	-
Corrugated and solid fiber boxes	2653	99.4	99.8	102.6	102.5	-	73.8	74.6	76.9	77.0	-
Sanitary food containers	2654	23.4	23.3	23.6	23.4	-	18.9	18.9	19.6	19.4	-
Printing and publishing	27	1,297.3	1,302.2	1,362.2	1,366.4	1,369.9	709.1	714.0	749.4	751.1	755.6
Newspapers	271	429.4	431.3	443.3	444.0	-	159.7	161.7	166.7	167.0	-
Periodicals	272	100.0	100.0	104.3	104.9	-	21.5	21.8	23.5	23.5	-
Books	273	96.4	94.5	101.5	100.9	-	47.6	45.5	49.3	48.7	-
Book publishing	2731	71.6	70.4	74.6	74.7	-	27.4	26.1	27.4	27.5	-
Book printing	2732	24.8	24.1	26.9	26.2	-	20.2	19.4	21.9	21.2	-
Miscellaneous publishing	274	54.0	53.7	56.0	56.2	-	29.1	28.8	30.3	30.3	-
Commercial printing	275	436.1	440.4	466.2	469.8	-	318.7	323.1	341.1	343.4	-
Commercial printing, letterpress	2751	151.2	151.7	161.9	163.4	-	111.9	113.0	120.4	121.2	-
Commercial printing, lithographic	2752	260.8	264.4	279.2	281.1	-	187.5	190.7	200.5	201.9	-
Manifold business forms	276	47.3	47.8	48.6	48.4	-	32.7	33.0	33.5	33.4	-
Blankbooks and bookbinding	278	66.4	66.1	70.7	70.4	-	53.9	53.5	57.4	56.9	-
Printing trade services	279	44.3	44.6	45.9	46.1	-	32.8	33.2	33.5	33.5	-
Chemicals and allied products	28	1,050.3	1,048.9	1,070.4	1,072.3	1,064.6	581.7	582.0	593.2	597.3	596.1
Industrial inorganic chemicals	281	155.2	154.2	158.3	158.0	-	78.2	77.5	79.8	80.0	-
Industrial inorganic chemicals, nec	2819	105.1	104.6	108.4	108.4	-	54.1	53.8	55.7	56.2	-
Plastics materials and synthetics	282	178.1	176.9	178.0	177.5	-	115.7	115.1	117.6	117.3	-
Plastics materials and resins	2821	75.0	74.7	77.7	77.7	-	43.7	43.4	46.1	46.1	-
Organic fibers, noncellulosic	2824	72.9	72.0	70.3	70.0	-	51.3	50.5	49.5	49.3	-
Drugs	283	201.3	200.3	203.0	202.7	-	98.2	97.5	94.2	95.0	-
Pharmaceutical preparations	2834	159.0	158.5	161.9	162.3	-	76.1	75.6	75.7	76.5	-
Soap, cleaners, and toilet goods	284	145.1	146.7	149.3	151.6	-	91.4	92.8	95.5	98.5	-
Soap and other detergents	2841	42.9	43.6	43.3	43.9	-	27.5	28.5	28.4	28.8	-
Toilet preparations	2844	64.4	65.4	67.4	69.2	-	43.1	43.7	45.6	48.2	-
Polishing, sanitation, and finishing preparations	2842,3	37.8	37.7	38.6	38.5	-	20.8	20.6	21.5	21.5	-
Paints and allied products	285	61.4	60.7	63.0	63.3	-	30.5	29.9	31.1	31.4	-
Industrial organic chemicals	286	161.4	161.4	164.0	164.5	-	82.5	82.6	82.7	83.2	-
Cyclic crudes and intermediates	2865	33.2	33.2	32.9	33.4	-	19.8	19.8	19.8	20.1	-
Gum, wood, and industrial organic chemicals, nec	2861,9	128.2	128.2	131.1	131.1	-	62.7	62.8	62.9	63.1	-
Agricultural chemicals	287	58.1	58.2	60.7	60.2	-	34.2	34.7	37.6	37.1	-
Miscellaneous chemical products	289	89.7	90.5	94.1	94.5	-	51.0	51.9	54.7	54.8	-
Petroleum and coal products	29	197.7	196.2	190.9	190.5	187.9	120.2	118.6	112.3	112.6	113.4
Petroleum refining	291	157.9	156.3	151.2	150.9	-	91.2	89.7	83.6	84.0	-
Paving and roofing materials	295	28.6	28.7	28.2	28.1	-	22.0	21.9	21.5	21.4	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Nondurable goods—Continued											
Rubber and misc. plastics products	30	734.3	744.7	795.4	804.6	809.7	571.7	580.3	618.2	626.4	632.5
Tires and inner tubes	301	96.3	96.4	103.6	102.3	-	69.8	69.1	73.1	71.8	-
Rubber and plastics footwear	302	17.2	17.2	17.5	17.2	-	14.6	14.4	15.1	14.8	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	20.7	21.2	23.9	23.9	-	14.4	14.8	16.4	16.4	-
Fabricated rubber products, nec	306	101.3	103.6	108.0	109.4	-	77.6	79.9	82.9	84.3	-
Miscellaneous plastics products	307	498.8	506.3	542.4	551.8	-	395.3	402.1	430.7	439.1	-
Leather and leather products	31	213.0	213.7	194.2	205.4	202.7	179.0	179.6	162.0	172.2	169.0
Leather tanning and finishing	311	19.4	19.5	17.0	17.4	-	16.2	16.3	14.2	14.5	-
Footwear, except rubber	314	129.5	129.2	116.2	122.2	-	111.0	110.6	98.9	104.2	-
Men's footwear, except athletic	3143	52.3	52.8	48.1	50.7	-	42.6	43.0	39.1	41.4	-
Women's footwear, except athletic	3144	49.1	48.2	44.0	46.5	-	43.8	42.9	38.5	40.8	-
Luggage	316	12.9	12.7	11.5	12.4	-	9.4	9.3	8.4	9.3	-
Handbags and personal leather goods	317	28.4	29.4	27.1	29.5	-	23.4	24.3	22.1	24.3	-
Transportation and public utilities		4,382	5,095	5,196	5,214	5,227	3,491	4,201	4,282	4,302	4,312
Transportation		2,751	2,815	2,896	2,918	2,914	-	-	-	-	-
Railroad transportation	40	384.9	385.0	378.5	377.5	-	-	-	-	-	-
Class I railroads ²	4011	355.3	355.4	349.4	348.3	-	-	-	-	-	-
Local and interurban passenger transit	41	211.7	263.9	217.9	218.8	-	193.3	245.3	199.0	200.0	-
Local and suburban transportation	411	76.5	78.5	81.3	80.4	-	70.0	72.3	73.9	73.5	-
Taxicabs	412	38.1	38.8	37.4	37.6	-	-	-	-	-	-
Intercity highway transportation	413	40.6	40.1	39.1	39.1	-	37.2	36.9	36.2	36.3	-
School buses	415	37.6	86.9	41.3	42.6	-	-	-	-	-	-
Trucking and warehousing	42	1,238.8	1,254.2	1,312.6	1,324.6	-	1,079.3	1,093.1	1,145.7	1,156.4	-
Trucking and trucking terminals	421,3	1,153.8	1,168.0	1,227.5	1,237.8	-	1,008.0	1,020.8	1,074.8	1,083.9	-
Public warehousing	422	85.0	86.2	85.1	86.8	-	71.3	72.3	70.9	72.5	-
Water transportation	44	201.5	198.8	223.6	230.6	-	-	-	-	-	-
Local water transportation	445	30.4	30.0	31.3	31.8	-	-	-	-	-	-
Water transportation services	446	103.7	101.3	123.0	129.6	-	-	-	-	-	-
Transportation by air	45	463.1	462.2	488.9	490.2	-	-	-	-	-	-
Air transportation	451,2	408.3	407.3	427.5	428.6	-	-	-	-	-	-
Air transportation services	458	54.8	54.9	61.4	61.6	-	-	-	-	-	-
Pipe lines, except natural gas	46	21.1	20.4	21.5	21.2	-	14.8	14.5	15.3	15.0	-
Transportation services	47	230.1	230.0	253.0	255.3	-	-	-	-	-	-
Freight forwarding	471	52.8	53.4	61.4	63.1	-	-	-	-	-	-
Communication and public utilities		1,631	2,281	2,300	2,296	2,295	-	-	-	-	-
Communication	48	748.4	1,394.2	1,395.3	1,392.8	-	414.2	1,059.9	1,055.8	1,055.5	-
Telephone communication	481	370.8	1,014.6	990.4	985.4	-	112.5	756.2	735.8	732.2	-
Radio and television broadcasting	483	226.6	226.2	231.3	231.9	-	181.3	181.9	186.1	187.3	-
Radio broadcasting	4832	110.8	111.1	112.3	112.5	-	-	-	-	-	-
Television broadcasting	4833	115.8	115.1	119.0	119.4	-	-	-	-	-	-
Electric, gas, and sanitary services	49	882.6	886.7	904.7	903.4	-	708.1	707.7	722.2	720.8	-
Electric services	491	436.6	432.9	446.1	446.2	-	346.4	341.5	348.8	349.9	-
Gas production and distribution	492	175.3	172.3	175.7	175.1	-	140.3	137.4	139.6	138.4	-
Combination utility services	493	193.1	204.0	201.5	201.1	-	153.6	161.3	163.4	162.3	-
Sanitary services	495	53.4	53.9	57.2	56.8	-	47.8	48.2	50.4	50.1	-
Wholesale trade		5,303	5,317	5,559	5,581	5,607	4,265	4,277	4,485	4,498	4,521
Durable goods	50	3,084	3,098	3,281	3,300	3,304	2,456	2,469	2,632	2,646	-
Motor vehicles and automotive equipment	501	403.9	404.1	421.9	421.6	-	316.5	317.3	339.1	339.5	-
Automobiles and other motor vehicles	5012	96.2	96.6	103.0	103.2	-	-	-	-	-	-
Automotive parts and supplies	5013	273.8	273.7	284.8	284.3	-	-	-	-	-	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Wholesale trade—Continued											
Durable goods—Continued											
Furniture and home furnishings	502	112.4	113.4	117.2	121.7	-	92.5	93.5	97.8	102.2	-
Furniture	5021	48.0	48.4	49.0	50.4	-	-	-	-	-	-
Home furnishings	5023	64.4	65.0	68.2	71.3	-	-	-	-	-	-
Lumber and construction materials	503	193.6	194.3	206.3	205.2	-	159.9	160.6	171.8	170.8	-
Lumber, plywood, and millwork	5031	86.8	86.8	95.4	95.5	-	-	-	-	-	-
Construction materials, nec	5039	106.8	107.5	110.9	109.7	-	-	-	-	-	-
Sporting goods, toys, and hobby goods	504	72.3	72.3	74.4	72.8	-	58.3	58.1	62.2	60.9	-
Metals and minerals, except petroleum	505	128.6	128.4	132.8	133.6	-	102.3	102.6	107.1	107.7	-
Electrical goods	506	441.0	443.7	468.8	472.5	-	349.7	352.5	372.9	374.4	-
Electrical apparatus and equipment	5063	237.2	238.5	248.1	250.9	-	-	-	-	-	-
Electrical appliances, TV and radios	5064	69.8	71.0	72.7	72.9	-	-	-	-	-	-
Electronic parts and equipment	5065	134.0	134.2	148.0	148.7	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	236.7	236.6	249.6	252.8	-	191.8	191.7	202.8	204.5	-
Hardware	5072	79.9	80.1	84.0	83.8	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	98.1	98.1	103.2	104.7	-	-	-	-	-	-
Machinery, equipment, and supplies	508	1,312.6	1,321.0	1,416.3	1,424.0	-	1,033.5	1,040.4	1,117.7	1,123.7	-
Commercial machines and equipment	5081	441.7	447.6	486.9	491.4	-	-	-	-	-	-
Construction and mining machinery	5082	73.3	73.8	79.9	80.5	-	-	-	-	-	-
Farm machinery and equipment	5083	137.8	136.4	142.0	141.5	-	-	-	-	-	-
Industrial machinery and equipment	5084	290.5	290.7	314.2	314.5	-	-	-	-	-	-
Industrial supplies	5085	125.3	125.7	134.8	135.8	-	-	-	-	-	-
Professional equipment and supplies	5086	148.1	150.0	157.4	159.6	-	-	-	-	-	-
Miscellaneous durable goods	509	182.8	184.6	193.2	195.5	-	151.4	152.7	160.8	162.7	-
Scrap and waste materials	5093	84.5	86.0	92.9	93.6	-	-	-	-	-	-
Nondurable goods											
Paper and paper products	511	163.2	163.5	173.5	174.8	-	133.1	133.1	140.9	142.0	-
Drugs, proprietaries, and sundries	512	153.9	153.9	155.1	154.6	-	128.9	128.9	128.8	127.5	-
Apparel, piece goods, and notions	513	171.2	171.9	176.1	178.5	-	129.8	129.5	130.4	132.9	-
Groceries and related products	514	688.8	695.5	727.4	725.1	-	595.0	600.2	627.3	622.1	-
Groceries, general line	5141	219.6	220.8	231.1	232.0	-	-	-	-	-	-
Meats and meat products	5147	63.3	63.8	65.2	64.9	-	-	-	-	-	-
Fresh fruits and vegetables	5148	86.7	92.4	98.7	90.0	-	-	-	-	-	-
Chemicals and allied products	516	123.7	122.7	127.6	128.3	-	85.8	85.6	88.8	89.3	-
Petroleum and petroleum products	517	212.9	210.2	208.4	208.0	-	157.5	155.3	155.5	155.5	-
Petroleum bulk stations and terminals	5171	85.4	83.4	83.6	83.8	-	-	-	-	-	-
Petroleum products, nec	5172	127.5	126.8	124.8	124.2	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	150.6	148.8	157.2	156.1	-	127.2	125.2	131.8	130.9	-
Beer and ale	5181	94.0	92.5	99.4	98.7	-	-	-	-	-	-
Wines and distilled beverages	5182	56.6	56.3	57.8	57.4	-	-	-	-	-	-
Miscellaneous nondurable goods	519	409.6	403.1	409.3	409.5	-	332.8	326.6	332.0	332.3	-
Farm supplies	5191	158.7	150.3	157.4	154.0	-	-	-	-	-	-
Retail trade		15,732	15,804	16,348	16,416	16,513	14,123	14,187	14,644	14,692	14,758
Building materials and garden supplies	52	635.1	632.1	671.0	667.3	-	536.7	532.8	569.9	565.2	-
Lumber and other building materials	521	335.8	335.5	356.1	354.8	-	286.2	285.3	304.2	303.3	-
Hardware stores	525	150.6	149.5	158.5	157.2	-	127.8	126.7	134.6	133.5	-
General merchandise stores	53	2,127.6	2,139.7	2,252.6	2,247.5	2,293.3	1,989.4	2,002.7	2,108.6	2,093.7	-
Department stores	531	1,794.7	1,807.4	1,917.8	1,911.7	-	1,689.1	1,702.9	1,809.5	1,794.0	-
Variety stores	533	210.0	211.0	210.7	211.6	-	193.1	194.1	191.5	192.0	-
Misc. general merchandise stores	539	122.9	121.3	124.1	124.2	-	107.2	105.7	107.6	107.7	-
Food stores	54	2,565.9	2,581.0	2,653.3	2,653.1	2,669.9	2,384.3	2,398.9	2,466.9	2,461.4	-
Grocery stores	541	2,248.9	2,262.0	2,333.1	2,336.3	-	2,099.2	2,112.4	2,180.0	2,178.6	-
Meat markets and freezer provisioners	542	58.9	58.7	56.1	55.7	-	-	-	-	-	-
Dairy products stores	545	38.7	38.5	41.4	39.7	-	-	-	-	-	-
Retail bakeries	546	142.8	143.7	148.9	147.5	-	130.5	131.3	134.7	133.1	-
Automotive dealers and service stations	55	1,698.5	1,699.4	1,781.2	1,779.0	1,776.9	1,433.4	1,432.6	1,495.7	1,497.3	-
New and used car dealers	551,2	773.0	777.5	823.2	826.0	-	637.1	640.4	678.8	681.1	-
Auto and home supply stores	553	278.1	278.3	289.7	290.4	-	239.9	240.3	242.9	244.3	-
Gasoline service stations	554	568.1	567.5	580.6	577.3	-	491.4	490.5	503.4	502.6	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Retail trade—Continued											
Apparel and accessory stores	56	953.4	950.5	964.9	969.1	-	807.4	802.4	811.6	815.1	-
Men's and boys' clothing and furnishings	561	113.3	113.3	115.7	109.9	-	95.2	94.9	96.6	91.3	-
Women's ready-to-wear stores	562	344.4	345.8	355.4	358.8	-	293.0	293.0	300.7	303.3	-
Family clothing stores	565	179.2	173.9	181.4	181.5	-	156.7	151.9	157.8	158.0	-
Shoe stores	566	207.2	207.3	202.5	207.5	-	169.3	168.4	165.0	169.4	-
Furniture and home furnishings stores	57	603.7	612.9	653.6	662.4	-	503.5	511.9	545.2	551.3	-
Furniture and home furnishings stores	571	361.5	364.8	381.0	381.6	-	301.6	304.0	317.9	317.8	-
Furniture stores	5712	234.8	234.5	244.8	245.8	-	-	-	-	-	-
Household appliance stores	572	79.3	79.9	81.0	82.6	-	67.8	68.4	68.9	69.4	-
Radio, television, and music stores	573	162.9	168.2	191.6	198.2	-	134.1	139.5	158.4	164.1	-
Radio and television stores	5732	106.8	110.2	129.9	132.7	-	-	-	-	-	-
Music stores	5733	56.1	58.0	61.7	65.5	-	-	-	-	-	-
Eating and drinking places	58	5,200.1	5,206.7	5,352.1	5,398.8	5,406.8	4,781.9	4,789.9	4,908.9	4,951.0	-
Miscellaneous retail	59	1,947.2	1,981.6	2,019.7	2,038.6	-	1,685.9	1,715.7	1,737.4	1,756.9	-
Drug stores and proprietary stores	591	504.2	505.2	532.0	536.2	-	448.3	448.3	467.6	471.8	-
Liquor stores	592	125.6	125.0	123.2	120.1	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	628.4	646.8	648.8	659.6	-	536.2	552.4	554.6	564.9	-
Sporting goods and bicycle shops	5941	104.5	111.9	107.5	112.8	-	-	-	-	-	-
Book stores	5942	57.5	64.9	59.9	64.2	-	-	-	-	-	-
Stationery stores	5943	63.3	63.9	67.1	67.6	-	-	-	-	-	-
Jewelry stores	5944	135.9	139.8	135.2	134.8	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	117.8	114.8	122.5	121.4	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	61.6	62.1	66.0	66.4	-	-	-	-	-	-
Nonstore retailers	596	245.8	255.2	248.2	252.8	-	224.3	234.0	224.5	229.2	-
Mail order houses	5961	118.8	124.8	115.9	120.5	-	-	-	-	-	-
Merchandising machine operators	5962	78.8	79.8	81.6	82.3	-	-	-	-	-	-
Fuel and ice dealers	598	97.9	99.1	102.7	102.8	-	80.4	81.3	84.9	85.0	-
Retail stores, nec	599	277.8	283.5	291.7	292.8	-	233.0	236.6	240.9	242.3	-
Finance, insurance, and real estate³		5,574	5,522	5,755	5,763	5,705	4,159	4,108	4,293	4,296	4,236
Finance		2,778	2,768	2,877	2,882	2,864	-	-	-	-	-
Banking	60	1,678.6	1,666.2	1,700.9	1,703.3	-	1,252.4	1,239.9	1,266.2	1,266.1	-
Commercial and stock savings banks	602	1,522.8	1,511.4	1,545.5	1,548.0	-	1,131.5	1,119.9	1,143.5	1,144.0	-
State banks, Federal Reserve	6022	335.4	333.0	340.9	340.8	-	-	-	-	-	-
State banks, not Federal Reserve	6023,4	383.8	379.9	389.4	390.5	-	-	-	-	-	-
Mutual savings banks	603	75.9	74.9	78.9	78.6	-	-	-	-	-	-
Credit agencies other than banks	61	640.6	642.1	688.9	692.9	-	488.8	489.3	525.1	529.0	-
Savings and loan associations	612	298.0	298.7	317.3	318.9	-	230.4	230.5	244.4	246.0	-
Federal savings and loan associations	6122	172.3	172.6	183.3	183.5	-	-	-	-	-	-
State associations, insured	6123	117.0	117.3	124.6	125.9	-	-	-	-	-	-
Personal credit institutions	614	200.7	201.1	211.9	213.0	-	153.5	153.6	163.0	164.2	-
Business credit institutions	615	36.6	36.3	38.8	39.4	-	-	-	-	-	-
Mortgage bankers and brokers	616	82.2	82.8	96.8	97.4	-	-	-	-	-	-
Security, commodity brokers, and services	62	319.5	321.6	345.2	344.0	-	-	-	-	-	-
Security brokers and dealers	621	260.7	263.0	281.5	280.5	-	-	-	-	-	-
Holding and other investment offices	67	139.1	137.7	142.4	142.1	-	-	-	-	-	-
Insurance		1,730	1,722	1,768	1,769	1,755	-	-	-	-	-
Insurance carriers	63	1,238.5	1,233.7	1,253.6	1,254.1	-	834.3	830.1	851.2	850.0	-
Life insurance	631	542.9	540.2	540.2	540.0	-	324.2	321.9	327.7	327.2	-
Medical service and health insurance	632	146.6	146.2	155.3	155.6	-	116.9	116.8	124.9	124.5	-
Fire, marine, and casualty insurance	633	471.1	469.6	474.4	474.9	-	330.9	329.2	331.6	331.7	-
Title insurance	636	43.6	43.2	46.3	46.1	-	-	-	-	-	-
Insurance agents, brokers, and service	64	491.1	488.4	514.5	515.1	-	-	-	-	-	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Finance, insurance, and real estate—Continued											
Real estate, and combined real estate, insurance, etc		1,067	1,033	1,110	1,112	1,091	-	-	-	-	-
Real estate	65	1,050.9	1,017.4	1,093.5	1,095.8	-	-	-	-	-	
Real estate operators and lessors	651	508.9	492.8	517.1	519.5	-	-	-	-	-	
Real estate agents and managers	653	385.8	372.5	407.1	408.0	-	-	-	-	-	
Subdividers and developers	655	132.3	127.9	141.1	140.5	-	-	-	-	-	
Combined real estate, insurance, etc	66	15.6	15.1	16.2	16.2	-	-	-	-	-	
Services		19,943	19,963	20,887	20,891	20,912	17,683	17,701	18,497	18,487	18,494
Hotels and other lodging places	70	1,289.6	1,211.2	1,383.6	1,398.2	-	-	-	-	-	
Hotels, motels, and tourist courts	701	1,213.4	1,170.3	1,307.4	1,316.8	-	1,106.6	1,065.6	1,186.7	1,194.3	
Personal services	72	934.3	944.3	979.1	981.2	-	-	-	-	-	
Laundry, cleaning, and garment services	721	350.6	350.7	360.6	358.8	-	311.1	311.2	321.9	320.2	
Photographic studios, portrait	722	49.1	53.4	51.5	54.5	-	-	-	-	-	
Beauty shops	723	297.2	301.5	318.4	320.0	-	275.0	278.2	289.0	290.5	
Funeral service and crematories	726	72.7	72.4	73.0	72.5	-	-	-	-	-	
Business services	73	3,629.2	3,665.2	4,055.3	4,103.2	4,125.6	3,158.1	3,187.8	3,546.3	3,589.2	
Advertising	731	171.5	172.5	178.2	177.6	-	130.0	130.1	135.4	134.7	
Advertising agencies	7311	130.0	130.8	136.3	135.7	-	-	-	-	-	
Credit reporting and collection	732	76.0	75.9	80.0	80.2	-	-	-	-	-	
Mailing, reproduction, and stenographic	733	143.4	148.0	156.2	156.8	-	-	-	-	-	
Services to buildings	734	570.2	570.0	616.4	621.4	-	518.5	519.3	562.2	567.4	
Personnel supply services	736	667.9	691.4	842.1	858.0	-	-	-	-	-	
Employment agencies	7361	139.5	141.6	168.6	168.8	-	-	-	-	-	
Temporary help supply services	7362	497.5	518.6	637.1	652.8	-	-	-	-	-	
Computer and data processing services	737	422.5	425.2	479.6	482.2	-	355.6	356.7	402.9	403.4	
Computer programming and software	7372	140.4	142.8	157.6	159.3	-	-	-	-	-	
Data processing services	7374	220.2	220.3	251.5	252.2	-	-	-	-	-	
Miscellaneous business services	739	1,569.9	1,574.3	1,695.0	1,719.0	-	-	-	-	-	
Research development laboratories, nec	7391	172.2	173.7	183.3	185.2	-	-	-	-	-	
Management and public relations	7392	406.6	408.8	451.9	455.5	-	-	-	-	-	
Detective and protective services	7393	370.4	370.8	389.9	392.5	-	-	-	-	-	
Equipment rental and leasing	7394	134.3	135.2	146.0	148.1	-	-	-	-	-	
Photofinishing laboratories	7395	79.8	80.8	80.1	81.0	-	-	-	-	-	
Auto repair, services, and garages	75	626.8	629.4	681.2	689.5	-	527.2	530.5	574.7	581.3	
Automotive rentals, without drivers	751	127.3	128.0	137.0	136.7	-	-	-	-	-	
Automotive repair shops	753	389.2	389.1	418.2	427.4	-	322.7	323.8	347.3	355.5	
Miscellaneous repair services	76	287.9	291.8	305.6	307.5	-	239.4	243.4	256.0	257.1	
Electrical repair shops	762	87.0	86.9	86.6	86.5	-	-	-	-	-	
Motion pictures	78	230.6	225.1	231.6	229.9	-	199.4	195.0	200.7	198.4	
Motion picture production and services	781	98.9	103.0	99.8	101.1	-	82.4	87.2	83.2	84.0	
Motion picture theaters	783	121.1	111.4	121.5	118.6	-	-	-	-	-	
Amusement and recreation services	79	968.5	890.5	971.9	967.1	-	888.6	813.5	888.2	879.9	
Health services	80	6,014.4	6,009.1	6,109.2	6,056.2	6,098.2	5,411.9	5,400.4	5,472.7	5,419.3	
Offices of physicians	801	877.9	877.0	914.8	917.2	-	736.6	735.9	768.7	769.2	
Offices of dentists	802	413.4	412.8	432.8	435.1	-	365.7	364.9	383.0	385.6	
Nursing and personal care facilities	805	1,121.7	1,124.2	1,162.9	1,146.1	-	1,016.9	1,017.8	1,053.4	1,037.7	
Skilled nursing care facilities	8051	716.3	719.6	744.2	737.2	-	-	-	-	-	
Nursing and personal care, nec	8059	405.4	404.6	418.7	408.9	-	-	-	-	-	
Hospitals	806	3,046.2	3,037.2	3,000.8	2,957.3	-	2,794.3	2,783.3	2,742.4	2,701.2	
General medical and surgical hospitals	8062	2,880.8	2,873.3	2,831.3	2,788.6	-	-	-	-	-	
Psychiatric hospitals	8063	48.7	48.1	50.7	50.3	-	-	-	-	-	
Specialty hospitals, excluding psychiatric	8069	116.7	115.8	118.8	118.4	-	-	-	-	-	
Medical and dental laboratories	807	111.4	110.0	109.9	109.3	-	-	-	-	-	
Outpatient care facilities	808	178.4	179.4	192.0	192.7	-	-	-	-	-	

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Services—Continued											
Legal services	81	612.5	606.4	661.9	664.1	-	517.6	510.7	563.7	564.7	-
Educational services	82	1,010.1	1,184.5	1,021.2	1,013.4	-	-	-	-	-	-
Elementary and secondary schools	821	283.0	330.2	293.8	291.4	-	-	-	-	-	-
Colleges and universities	822	612.1	736.9	606.9	600.6	-	-	-	-	-	-
Correspondence and vocational schools	824	52.1	53.8	56.4	57.7	-	-	-	-	-	-
Social services	83	1,238.9	1,236.5	1,291.1	1,294.4	-	-	-	-	-	-
Individual and family services	832	263.6	262.1	303.8	306.2	-	-	-	-	-	-
Job training and related services	833	205.7	196.9	211.1	209.4	-	-	-	-	-	-
Residential care	836	251.5	252.2	264.2	265.1	-	-	-	-	-	-
Museums, botanical and zoological gardens	84	40.8	39.2	44.5	44.1	-	-	-	-	-	-
Membership organizations	86	1,515.4	1,500.4	1,519.6	1,506.6	-	-	-	-	-	-
Business associations	861	84.0	83.8	87.0	87.4	-	-	-	-	-	-
Labor organizations	863	133.5	134.5	132.2	130.6	-	-	-	-	-	-
Civic and social associations	864	340.7	313.2	357.0	348.2	-	-	-	-	-	-
Miscellaneous services	89	1,078.8	1,068.8	1,144.9	1,151.7	-	888.2	878.0	943.7	949.4	-
Engineering and architectural services	891	583.1	578.9	629.2	633.1	-	488.0	484.9	531.1	535.0	-
Noncommercial research organizations	892	112.3	108.5	113.3	112.3	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	893	362.3	360.6	381.1	385.2	-	288.8	284.7	300.2	303.4	-
Government		14,964	15,584	15,206	15,107	15,687	-	-	-	-	-
Federal Government ⁴		2,779	2,745	2,832	2,813	2,757	-	-	-	-	-
Executive, by agency ⁴		2,722.6	2,689.3	2,773.4	-	-	-	-	-	-	-
Department of Defense		959.8	940.0	983.8	-	-	-	-	-	-	-
Postal Service		660.3	660.1	682.1	-	-	-	-	-	-	-
Other executive agencies		1,102.5	1,089.2	1,107.5	-	-	-	-	-	-	-
Legislative		40.4	39.1	41.2	-	-	-	-	-	-	-
Judicial		16.4	16.4	16.9	-	-	-	-	-	-	-
Federal government, by industry:											
Manufacturing activities		136.9	135.5	137.2	136.7	-	-	-	-	-	-
Shipbuilding and repairing	3731	83.8	82.8	82.8	82.4	-	-	-	-	-	-
Transportation and public utilities, except Postal											
Service		40.9	40.7	38.6	38.3	-	-	-	-	-	-
Services		414.0	410.2	416.5	413.6	-	-	-	-	-	-
Hospitals	806	238.5	237.3	241.6	240.5	-	-	-	-	-	-
State government		3,470	3,600	3,508	3,517	3,638	-	-	-	-	-
Hospitals	806	468.6	466.5	470.3	471.0	-	-	-	-	-	-
Education	82	1,218.1	1,398.0	1,232.5	1,242.3	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		1,162.0	1,134.2	1,178.4	1,173.1	-	-	-	-	-	-
Local government		8,714	9,238	8,866	8,777	9,292	-	-	-	-	-
Transportation and public utilities		497.0	493.6	505.5	507.8	-	-	-	-	-	-
Hospitals	806	649.6	644.6	629.2	625.9	-	-	-	-	-	-
Education	82	4,167.1	4,933.6	4,289.0	4,228.8	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		3,050.2	2,855.2	3,091.2	3,064.2	-	-	-	-	-	-

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 Beginning in January 1978, 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.

- Data not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 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	June 1983	July 1983	May 1984	June 1984	July 1984
Total	39,886	39,243	41,808	41,940	41,247
Total private	32,256	32,238	33,774	34,104	34,042
Goods-producing	6,493	6,451	6,886	6,968	6,899
Mining	117	118	119	121	123
Construction	389	397	416	428	433
Manufacturing	5,987	5,936	6,351	6,419	6,343
Durable goods	2,799	2,788	3,062	3,098	3,073
Lumber and wood products	99	99	107	109	108
Furniture and fixtures	133	132	144	145	142
Stone, clay, and glass products	112	112	117	119	117
Primary metal industries	98	97	106	107	105
Fabricated metal products	301	296	326	327	324
Machinery, except electrical	444	446	486	493	492
Electrical and electronic equipment	851	850	959	972	965
Transportation equipment	295	296	331	336	336
Instruments and related products	295	293	311	313	311
Miscellaneous manufacturing	172	168	176	178	173
Nondurable goods	3,188	3,148	3,289	3,321	3,270
Food and kindred products	495	514	482	497	527
Tobacco manufactures	22	21	21	21	21
Textile mill products	357	349	364	363	354
Apparel and other textile products	948	910	987	988	932
Paper and allied products	154	153	159	163	163
Printing and publishing	528	528	562	566	566
Chemicals and allied products	275	276	280	285	286
Petroleum and coal products	31	30	30	30	31
Rubber and misc. plastics products	255	251	281	283	276
Leather and leather products	125	116	123	124	115
Service-producing	33,393	32,792	34,922	34,972	34,348
Transportation and public utilities	1,351	1,327	1,391	1,410	1,396
Wholesale trade	1,446	1,447	1,537	1,546	1,551
Retail trade	7,895	7,898	8,232	8,348	8,352
Finance, insurance, and real estate	3,289	3,314	3,400	3,440	3,460
Services	11,782	11,801	12,328	12,392	12,384
Government	7,630	7,005	8,034	7,836	7,205
Federal	954	969	971	983	988
State	1,507	1,465	1,683	1,605	1,551
Local	5,169	4,571	5,380	5,248	4,666

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1983 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

B-4. Employment in manufacturing group, seasonally adjusted

(In thousands)

Industry	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Total	91,018	91,345	91,688	92,026	92,391	92,846	93,058	93,449	93,786	94,135	94,350	94,532	94,671
Total private	75,083	75,481	75,814	76,157	76,533	76,971	77,185	77,546	77,864	78,241	78,422	78,566	78,638
Goods-producing	23,669	23,895	24,058	24,198	24,383	24,577	24,595	24,760	24,851	24,974	25,059	25,086	24,996
Mining	952	965	967	969	975	978	978	984	995	1,002	1,007	1,017	1,024
Oil and gas extraction	594	600	603	607	608	607	607	612	619	623	629	637	646
Construction	4,019	4,044	4,073	4,086	4,154	4,226	4,151	4,246	4,286	4,343	4,356	4,344	4,371
General building contractors	1,043	1,053	1,064	1,077	1,100	1,111	1,099	1,110	1,126	1,135	1,133	1,130	1,143
Manufacturing	18,698	18,886	19,018	19,143	19,254	19,373	19,466	19,530	19,570	19,629	19,696	19,725	19,601
Durable goods	10,923	11,071	11,170	11,266	11,343	11,440	11,513	11,551	11,598	11,652	11,702	11,754	11,680
Lumber and wood products	680	690	695	698	702	706	712	714	711	712	708	706	702
Furniture and fixtures	456	462	467	470	475	480	483	482	482	485	485	484	481
Stone, clay, and glass products	581	587	589	592	595	604	606	604	605	605	606	604	604
Primary metal industries	849	863	869	877	871	877	877	879	887	884	880	880	870
Blast furnaces and basic steel products	346	351	351	352	347	348	347	345	347	345	342	335	334
Fabricated metal products	1,389	1,408	1,420	1,431	1,440	1,447	1,456	1,459	1,469	1,479	1,490	1,489	1,483
Machinery, except electrical	2,058	2,077	2,106	2,122	2,137	2,151	2,166	2,189	2,203	2,226	2,242	2,254	2,240
Electrical and electronic equipment	2,062	2,086	2,109	2,132	2,152	2,175	2,202	2,212	2,228	2,237	2,252	2,268	2,260
Transportation equipment	1,780	1,820	1,832	1,855	1,876	1,898	1,905	1,905	1,906	1,917	1,926	1,953	1,929
Motor vehicles and equipment	783	810	823	843	858	865	863	857	848	855	858	891	855
Instruments and related products	698	702	705	707	711	715	718	719	722	723	727	727	724
Miscellaneous manufacturing	370	376	378	382	384	387	388	388	385	384	386	389	387
Nondurable goods	7,775	7,815	7,848	7,877	7,911	7,933	7,953	7,979	7,972	7,977	7,994	7,971	7,921
Food and kindred products	1,624	1,624	1,629	1,631	1,638	1,637	1,638	1,648	1,643	1,644	1,655	1,643	1,628
Tobacco manufactures	68	68	66	67	66	65	66	67	67	67	66	65	68
Textile mill products	753	758	760	762	768	767	769	766	762	759	755	751	744
Apparel and other textile products	1,174	1,186	1,195	1,202	1,207	1,213	1,218	1,226	1,217	1,209	1,206	1,200	1,183
Paper and allied products	666	669	671	675	676	680	680	680	681	685	687	685	681
Printing and publishing	1,305	1,311	1,317	1,321	1,328	1,333	1,339	1,348	1,356	1,362	1,368	1,371	1,373
Chemicals and allied products	1,047	1,049	1,050	1,052	1,053	1,054	1,054	1,057	1,057	1,062	1,064	1,068	1,062
Petroleum and coal products	194	192	192	191	191	190	190	189	188	188	187	187	185
Rubber and misc. plastics products	735	748	758	766	774	784	790	790	795	797	801	800	799
Leather and leather products	209	210	210	210	210	210	209	208	206	204	205	201	198
Service-producing	67,349	67,450	67,630	67,828	68,008	68,269	68,463	68,689	68,935	69,161	69,291	69,446	69,675
Transportation and public utilities	5,046	5,053	5,043	5,055	5,095	5,105	5,112	5,129	5,144	5,163	5,175	5,196	5,175
Transportation	2,768	2,776	2,763	2,776	2,816	2,828	2,839	2,862	2,871	2,883	2,896	2,918	2,912
Communication and public utilities	2,278	2,277	2,280	2,279	2,279	2,276	2,273	2,267	2,273	2,280	2,279	2,278	2,263
Wholesale trade	5,301	5,322	5,344	5,371	5,406	5,438	5,457	5,473	5,492	5,502	5,528	5,554	5,590
Durable goods	3,096	3,113	3,128	3,147	3,168	3,193	3,205	3,215	3,235	3,249	3,268	3,287	3,301
Nondurable goods	2,205	2,209	2,216	2,224	2,238	2,245	2,252	2,258	2,257	2,253	2,260	2,267	2,289
Retail trade	15,671	15,737	15,805	15,857	15,914	15,980	16,030	16,095	16,166	16,245	16,283	16,302	16,366
General merchandise stores	2,171	2,179	2,195	2,189	2,210	2,211	2,230	2,251	2,273	2,295	2,301	2,291	2,326
Food stores	2,568	2,587	2,594	2,600	2,618	2,626	2,626	2,635	2,630	2,641	2,648	2,650	2,657
Automotive dealers and service stations	1,685	1,695	1,703	1,710	1,725	1,740	1,748	1,743	1,751	1,751	1,762	1,758	1,761
Eating and drinking places	5,058	5,071	5,082	5,095	5,111	5,121	5,136	5,154	5,183	5,199	5,211	5,236	5,249
Finance, insurance, and real estate	5,503	5,512	5,530	5,546	5,573	5,593	5,613	5,640	5,662	5,676	5,676	5,682	5,682
Finance	2,763	2,769	2,777	2,789	2,797	2,812	2,831	2,851	2,863	2,858	2,854	2,851	2,857
Insurance	1,725	1,725	1,728	1,730	1,737	1,741	1,742	1,742	1,746	1,752	1,759	1,764	1,767
Real estate	1,015	1,018	1,025	1,027	1,039	1,040	1,041	1,047	1,053	1,066	1,063	1,067	1,058
Services	19,893	19,962	20,034	20,130	20,162	20,278	20,378	20,449	20,549	20,681	20,701	20,746	20,829
Business services	3,636	3,672	3,703	3,758	3,798	3,845	3,875	3,912	3,979	4,014	4,035	4,067	4,093
Health services	6,003	6,007	6,016	6,026	6,030	6,040	6,052	6,062	6,073	6,064	6,079	6,032	6,092
Government	15,935	15,864	15,874	15,869	15,858	15,875	15,873	15,903	15,922	15,894	15,928	15,966	16,033
Federal	2,774	2,760	2,759	2,762	2,760	2,763	2,770	2,771	2,785	2,777	2,779	2,780	2,785
State	3,672	3,667	3,669	3,668	3,670	3,682	3,686	3,693	3,699	3,699	3,697	3,718	3,708
Local	9,489	9,437	9,446	9,439	9,428	9,430	9,417	9,439	9,438	9,418	9,452	9,468	9,540

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are

introduced, all seasonally adjusted data from January 1980 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
SEASONALLY ADJUSTED**

Women employees on nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted

(in thousands)

Industry	1983						1984						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total	39,949	39,781	40,237	40,373	40,531	40,712	40,858	41,074	41,210	41,390	41,584	41,735	41,966
Total private	32,282	32,086	32,538	32,684	32,824	32,997	33,140	33,333	33,463	33,618	33,793	33,948	34,081
Goods-producing	6,496	6,518	6,566	6,626	6,677	6,723	6,773	6,820	6,854	6,886	6,904	6,919	6,943
Mining	116	116	116	117	116	116	117	117	117	117	119	120	121
Construction	388	390	396	397	400	402	404	407	409	413	418	423	424
Manufacturing	5,992	6,012	6,054	6,112	6,161	6,205	6,252	6,296	6,328	6,356	6,367	6,376	6,398
Durable goods	2,806	2,820	2,851	2,887	2,920	2,947	2,973	3,003	3,031	3,043	3,057	3,075	3,089
Lumber and wood products	97	98	100	101	102	103	105	105	106	107	106	107	107
Furniture and fixtures	137	136	136	137	139	140	142	143	144	144	144	146	146
Stone, clay, and glass products	111	112	113	114	114	115	116	117	118	117	117	117	116
Primary metal industries	97	98	99	101	102	103	103	103	104	105	105	105	105
Fabricated metal products	300	303	305	309	312	315	317	320	322	321	325	324	328
Machinery, except electrical	448	452	452	456	463	466	468	473	476	481	485	492	494
Electrical and electronic equipment	855	855	875	888	901	910	921	932	946	952	957	965	970
Transportation equipment	296	299	303	308	310	315	319	324	327	327	330	332	335
Instruments and related products	294	297	299	301	303	304	306	308	310	310	311	311	313
Miscellaneous manufacturing	171	170	169	172	174	176	176	178	178	179	177	176	175
Nondurable goods	3,186	3,192	3,203	3,225	3,241	3,258	3,279	3,293	3,297	3,313	3,310	3,301	3,309
Food and kindred products	501	496	497	496	501	502	505	506	504	508	506	505	514
Tobacco manufactures	23	23	23	23	22	23	23	23	23	24	24	23	24
Textile mill products	355	357	358	361	361	363	366	366	367	365	364	361	360
Apparel and other textile products	945	945	948	959	965	969	974	979	982	989	983	973	968
Paper and allied products	153	154	155	156	156	157	157	158	157	158	159	162	162
Printing and publishing	530	533	535	538	540	543	547	549	552	557	562	566	568
Chemicals and allied products	273	274	275	275	275	276	278	279	279	281	281	282	284
Petroleum and coal products	30	30	30	30	30	30	30	30	30	30	30	30	30
Rubber and misc. plastics products	254	257	259	263	267	271	275	278	280	278	279	278	278
Leather and leather products	122	123	123	124	124	124	124	125	123	123	122	121	121
Service-producing	33,453	33,263	33,671	33,747	33,854	33,989	34,085	34,254	34,356	34,504	34,680	34,816	35,023
Transportation and public utilities	1,340	1,031	1,357	1,355	1,356	1,362	1,373	1,378	1,380	1,385	1,388	1,400	1,409
Wholesale trade	1,452	1,461	1,468	1,474	1,485	1,496	1,508	1,519	1,532	1,534	1,542	1,544	1,556
Retail trade	7,914	7,939	7,951	7,987	8,024	8,048	8,084	8,121	8,154	8,204	8,265	8,323	8,360
Finance, insurance, and real estate	3,284	3,297	3,309	3,318	3,327	3,340	3,358	3,367	3,374	3,387	3,403	3,419	3,429
Services	11,796	11,840	11,887	11,924	11,955	12,028	12,044	12,128	12,169	12,222	12,291	12,343	12,384
Government	7,667	7,695	7,699	7,689	7,707	7,715	7,718	7,741	7,747	7,772	7,791	7,787	7,885
Federal	944	947	960	960	960	962	962	964	967	964	968	962	962
State	1,576	1,584	1,586	1,595	1,603	1,609	1,620	1,629	1,636	1,650	1,660	1,670	1,668
Local	5,147	5,164	5,153	5,134	5,144	5,144	5,136	5,148	5,144	5,158	5,163	5,155	5,255

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 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	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept
Total private	60,748	61,074	61,371	61,665	61,948	62,327	62,443	62,800	63,060	63,363	63,494	63,605	63,6
Goods-producing	16,532	16,735	16,881	16,996	17,155	17,318	17,297	17,446	17,507	17,600	17,654	17,664	17,51
Mining	674	685	686	690	694	696	698	707	714	720	720	730	71
Construction	3,099	3,122	3,147	3,161	3,227	3,296	3,211	3,296	3,328	3,388	3,393	3,373	3,35
Manufacturing	12,759	12,928	13,048	13,145	13,234	13,326	13,388	13,443	13,465	13,492	13,541	13,561	13,45
Durable goods	7,289	7,421	7,511	7,585	7,643	7,718	7,769	7,799	7,826	7,860	7,899	7,943	7,87
Lumber and wood products	569	578	583	587	589	592	599	599	596	597	594	592	58
Furniture and fixtures	363	368	373	376	380	384	387	387	385	387	388	386	38
Stone, clay, and glass products	445	450	453	454	455	462	463	464	465	466	466	464	46
Primary metal industries	636	651	657	665	661	666	666	668	676	674	669	670	66
Fabricated metal products	1,011	1,028	1,037	1,049	1,056	1,062	1,069	1,074	1,083	1,091	1,101	1,101	1,09
Machinery, except electrical	1,219	1,236	1,261	1,273	1,286	1,300	1,314	1,329	1,342	1,356	1,370	1,380	1,37
Electrical and electronic equipment	1,260	1,281	1,300	1,313	1,327	1,346	1,364	1,371	1,377	1,379	1,390	1,402	1,39
Transportation equipment	1,126	1,160	1,173	1,192	1,208	1,221	1,221	1,221	1,217	1,224	1,233	1,260	1,235
Instruments and related products	393	397	399	398	401	403	404	403	404	405	406	404	402
Miscellaneous manufacturing	267	272	275	278	280	282	282	283	281	281	282	284	282
Nondurable goods	5,470	5,507	5,537	5,560	5,591	5,608	5,619	5,644	5,639	5,632	5,642	5,618	5,583
Food and kindred products	1,118	1,119	1,124	1,126	1,134	1,133	1,133	1,143	1,142	1,142	1,152	1,140	1,129
Tobacco manufactures	52	51	50	50	49	49	50	50	50	50	50	49	52
Textile mill products	651	656	658	660	666	665	666	665	661	658	652	649	642
Apparel and other textile products	993	1,004	1,012	1,018	1,023	1,028	1,031	1,039	1,033	1,021	1,018	1,013	999
Paper and allied products	498	501	503	506	508	511	512	512	512	515	516	515	512
Printing and publishing	715	720	725	727	732	734	737	744	748	752	757	756	756
Chemicals and allied products	581	583	584	586	587	588	588	589	588	590	591	596	595
Petroleum and coal products	116	115	114	113	112	112	111	111	111	110	110	110	111
Rubber and misc. plastics products	571	582	591	598	604	612	616	616	621	623	624	622	622
Leather and leather products	175	176	176	176	176	176	175	175	173	171	172	168	165
Service-producing	44,216	44,339	44,490	44,669	44,793	45,009	45,146	45,354	45,553	45,763	45,840	45,941	46,048
Transportation and public utilities	4,154	4,158	4,151	4,161	4,189	4,198	4,207	4,228	4,236	4,253	4,265	4,289	4,261
Wholesale trade	4,258	4,274	4,292	4,316	4,349	4,375	4,395	4,406	4,425	4,430	4,458	4,471	4,499
Retail trade	14,063	14,112	14,174	14,221	14,264	14,317	14,341	14,434	14,493	14,558	14,586	14,590	14,626
Finance, insurance, and real estate	4,097	4,107	4,122	4,135	4,149	4,161	4,165	4,175	4,195	4,217	4,217	4,233	4,223
Services	17,644	17,688	17,751	17,836	17,842	17,958	18,038	18,111	18,204	18,305	18,314	18,358	18,439

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 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 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	1982.....	27.6	47.6	35.7	31.1	41.1	33.5	34.6	32.4	37.3	28.9	32.4	45.7
	1983.....	54.3	46.5	60.8	68.9	69.5	64.6	74.3	68.6	69.5	75.4	69.7	73.8
	1984.....	71.1	73.2	67.0	63.8	64.1	63.0	62.4	^p 57.3	^p 38.9			
Over 3-month span	1982.....	25.1	27.8	27.8	27.3	27.6	28.6	23.5	24.1	26.5	25.9	27.8	41.6
	1983.....	46.8	57.3	64.1	75.1	75.7	77.8	74.1	81.6	80.8	78.9	79.5	77.6
	1984.....	82.2	80.5	76.5	71.1	68.4	68.9	^p 64.9	^p 54.1				
Over 6-month span	1982.....	19.2	22.2	21.9	24.6	20.3	21.4	21.4	18.6	23.2	27.3	29.5	35.4
	1983.....	50.8	63.0	69.2	75.1	80.0	82.4	84.1	82.4	84.6	85.9	86.8	83.8
	1984.....	81.9	82.7	79.7	75.4	^p 70.5	^p 62.2						
Over 12-month span	1982.....	21.6	21.4	17.6	18.1	16.2	18.1	21.1	21.1	25.1	31.6	34.1	40.3
	1983.....	49.5	54.3	61.9	71.1	77.3	79.5	83.8	88.1	86.8	87.3	85.4	87.3
	1984.....	86.5	^p 82.4	^p 78.6									

¹ 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 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 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		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Alabama	1,323.7	1,348.4	1,353.1	13.6	14.2	14.3	62.6	66.7	66.7
Birmingham	332.7	344.2	341.3	7.4	7.4	7.4	20.1	21.0	21.1
Huntsville	134.4	138.5	140.2	(¹)	(¹)	(¹)	5.2	5.7	4.9
Mobile	144.6	150.1	149.3	(¹)	(¹)	(¹)	9.7	10.6	10.6
Montgomery	107.0	109.5	109.8	(¹)	(¹)	(¹)	6.3	6.8	6.8
Tuscaloosa	48.9	50.2	50.7	2.0	2.5	2.5	2.1	2.1	2.1
Alaska	233.7	234.3	236.8	8.8	8.2	8.3	26.1	23.4	24.8
Arizona	1,037.7	1,111.9	1,114.8	13.3	13.8	13.4	80.9	91.1	91.1
Phoenix	672.2	728.5	727.2	.6	.7	.7	56.0	63.1	62.9
Tucson	189.8	202.4	205.0	3.2	3.8	3.3	16.1	18.9	18.9
Arkansas	740.3	766.7	773.6	5.3	5.8	5.8	31.8	34.2	34.1
Fayetteville-Springdale	68.6	69.6	70.7	(¹)	(¹)	(¹)	2.7	2.8	2.7
Fort Smith	68.4	69.9	70.6	1.1	1.3	1.3	2.9	2.8	2.9
Little Rock-North Little Rock	182.0	185.0	186.1	(¹)	(¹)	(¹)	9.2	9.4	9.5
Pine Bluff	28.8	28.7	29.0	(¹)	(¹)	(¹)	1.2	1.2	1.2
California	9,878.3	10,328.5	10,351.2	47.8	48.4	48.7	381.6	416.9	423.2
Anaheim-Santa Ana-Garden Grove	856.3	898.9	898.3	3.6	3.7	3.7	33.1	40.2	41.6
Bakersfield	138.9	140.8	140.8	14.5	15.0	15.1	7.3	6.4	6.5
Fresno	173.4	179.5	182.3	1.1	1.3	1.4	9.4	10.3	10.5
Los Angeles-Long Beach	3,502.5	3,662.8	3,654.8	12.7	12.3	12.3	94.9	104.6	106.9
Modesto	91.2	88.8	91.5	.1	.1	.1	4.7	5.4	5.4
Oxnard-Simi Valley-Ventura	161.8	163.8	163.4	3.5	3.3	3.3	6.2	6.4	6.4
Riverside-San Bernardino-Ontario	426.8	445.1	443.2	1.2	1.2	1.2	22.1	25.1	25.7
Sacramento	413.0	423.0	426.0	.8	.8	.8	18.8	20.3	21.0
Salinas-Seaside-Monterey	90.8	94.6	93.1	.4	.4	.4	3.2	3.3	3.3
San Diego	671.8	696.4	705.9	.5	.5	.5	33.4	38.5	39.8
San Francisco-Oakland	1,535.2	1,575.3	1,576.0	4.7	4.7	4.7	61.8	63.8	64.3
San Jose	712.8	738.8	746.1	.1	.1	.1	25.3	27.4	28.0
Santa Barbara-Santa Maria-Lompoc	123.6	125.6	125.4	1.5	1.3	1.4	4.5	5.2	5.2
Santa Rosa	94.7	97.9	99.2	.7	.6	.6	5.0	5.2	5.4
Stockton	120.3	121.9	124.7	.1	.1	.1	6.2	6.4	6.4
Vallejo-Fairfield-Napa	100.3	105.1	104.3	.4	.5	.4	4.8	5.8	6.0
Colorado	1,320.8	1,359.3	1,365.3	37.6	37.6	37.6	87.7	89.3	89.9
Denver-Boulder	851.5	879.2	883.3	26.3	25.3	25.3	52.3	52.2	52.5
Connecticut	1,429.1	1,485.7	1,478.2	1.6	1.6	1.6	58.3	60.3	61.3
Bridgeport	165.6	167.9	168.2	(¹)	(¹)	(¹)	5.3	5.4	5.5
Hartford	395.8	410.1	406.2	.2	.2	.2	13.1	13.4	13.8
New Britain	57.5	58.9	58.6	(¹)	(¹)	(¹)	2.6	2.8	2.8
New Haven-West Haven	184.7	201.1	202.2	.3	.3	.3	6.7	6.9	7.1
Stamford	112.7	115.4	114.7	.8	.7	.7	4.7	5.0	5.0
Waterbury	84.7	86.5	88.0	(¹)	(¹)	(¹)	3.1	3.3	3.3
Delaware	270.8	274.3	276.2	.1	.1	.1	16.9	17.9	18.0
Wilmington	234.6	237.0	238.7	.2	.2	.2	19.9	19.7	19.6
District of Columbia	601.9	617.2	611.8	.1	.1	.1	10.7	10.7	10.7
Washington SMSA	1,650.8	1,717.2	1,719.3	1.1	1.1	1.2	79.8	88.5	88.9
Florida	3,829.1	4,079.4	4,084.1	9.9	10.0	9.9	271.6	310.6	311.5
Daytona Beach	84.9	89.5	88.5	(¹)	(¹)	(¹)	4.9	6.1	5.7
Fort Lauderdale-Hollywood	359.0	375.7	375.7	(¹)	(¹)	(¹)	26.6	29.7	30.5
Fort Myers-Cape Coral	74.6	80.6	80.9	(¹)	(¹)	(¹)	8.8	9.2	9.2
Gainesville	69.3	71.6	73.0	(¹)	(¹)	(¹)	4.6	4.7	4.7
Jacksonville	304.9	319.9	320.6	(¹)	(¹)	(¹)	19.8	20.8	20.7
Lakeland-Winter Haven	112.8	113.2	113.3	4.5	4.5	4.6	6.5	7.0	6.9
Melbourne-Titusville-Cocoa	117.1	125.7	126.5	(¹)	(¹)	(¹)	7.1	8.1	8.3
Miami	721.0	741.0	739.7	(¹)	(¹)	(¹)	38.1	41.3	40.3
Orlando	336.2	354.4	352.4	(¹)	(¹)	(¹)	23.1	24.1	24.1
Pensacola	105.0	108.0	107.3	(¹)	(¹)	(¹)	7.7	8.2	8.0
Sarasota	80.4	82.6	81.7	(¹)	(¹)	(¹)	7.4	7.9	7.9
Tallahassee	77.0	79.0	79.6	(¹)	(¹)	(¹)	3.9	4.5	4.5
Tampa-St. Petersburg	604.1	617.4	615.3	(¹)	(¹)	(¹)	43.0	46.2	46.4
West Palm Beach-Boca Raton	228.2	242.7	242.2	(¹)	(¹)	(¹)	20.3	21.1	21.5

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		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Alabama	344.8	345.5	351.3	64.6	72.0	72.3	273.0	281.8	285.3
Birmingham	47.5	50.2	50.4	25.4	29.8	29.7	80.5	81.5	82.1
Huntsville	43.4	45.4	46.5	2.3	2.7	2.7	23.5	25.2	26.8
Mobile	25.6	25.7	25.7	9.1	9.4	9.6	36.8	38.9	39.0
Montgomery	15.9	15.9	16.0	3.8	4.4	4.4	24.4	25.6	25.7
Tuscaloosa	8.0	8.3	8.3	1.4	1.6	1.6	10.3	10.4	10.5
Alaska	21.5	20.3	19.7	20.0	20.5	20.6	44.3	45.6	45.9
Arizona	157.1	170.2	170.9	48.4	59.5	59.4	253.9	268.9	268.9
Phoenix	113.0	123.2	123.2	30.7	38.6	38.6	171.2	183.4	183.2
Tucson	26.9	29.1	29.3	6.9	9.1	9.1	42.6	43.5	43.6
Arkansas	204.5	211.5	213.3	40.2	46.1	46.2	165.6	173.6	175.0
Fayetteville-Springdale	19.9	20.5	20.5	4.3	5.1	5.2	16.5	16.9	17.0
Fort Smith	21.8	22.8	23.4	3.3	3.6	3.7	15.1	15.2	15.2
Little Rock-North Little Rock	26.6	26.4	26.7	11.8	13.7	13.6	44.4	44.9	45.0
Pine Bluff	5.7	5.6	5.5	3.0	3.3	3.3	6.0	6.0	6.1
California	1,970.7	2,031.6	2,050.2	498.1	530.2	532.7	2,340.6	2,488.2	2,502.7
Anaheim-Santa Ana-Garden Grove	210.9	221.2	221.6	25.6	29.4	29.5	220.3	229.7	230.4
Bakersfield	9.7	9.3	9.3	7.3	7.9	7.9	35.8	36.6	36.8
Fresno	22.5	22.8	23.7	9.0	9.7	9.9	46.0	47.5	47.8
Los Angeles-Long Beach	849.4	879.5	877.9	180.7	194.8	191.7	810.4	854.1	855.9
Modesto	25.7	22.8	25.6	3.5	3.6	3.7	21.5	21.7	21.9
Oxnard-Simi Valley-Ventura	24.9	24.8	24.6	6.2	7.1	7.0	40.9	41.7	41.7
Riverside-San Bernardino-Ontario	58.7	57.8	57.6	24.7	25.5	25.5	110.9	117.0	116.9
Sacramento	30.5	31.7	32.6	18.6	20.8	20.8	98.3	101.6	101.8
Salinas-Seaside-Monterey	9.2	9.3	9.3	3.9	4.5	4.5	24.8	25.1	25.3
San Diego	108.1	107.2	111.8	26.3	29.1	29.2	161.6	169.7	171.4
San Francisco-Oakland	182.8	183.8	185.3	116.8	128.6	128.6	364.7	373.3	374.2
San Jose	266.9	275.8	281.0	18.4	20.3	20.2	133.6	140.4	141.2
Santa Barbara-Santa Maria-Lompoc	21.0	21.5	21.4	5.4	5.3	5.3	29.7	30.2	30.1
Santa Rosa	15.7	17.3	17.7	4.3	4.7	4.6	23.9	24.5	24.6
Stockton	23.8	22.6	25.0	7.6	8.0	8.3	28.3	28.4	28.6
Vallejo-Fairfield-Napa	11.1	11.0	11.0	3.5	4.2	4.2	22.9	24.4	24.3
Colorado	182.6	189.9	191.8	78.1	86.3	85.6	328.8	336.1	338.7
Denver-Boulder	124.7	130.7	131.7	56.9	63.7	63.1	208.1	213.0	214.0
Connecticut	390.8	413.4	403.4	57.1	63.6	62.7	321.4	321.4	321.8
Bridgeport	57.8	59.2	58.9	5.8	6.7	6.7	57.1	36.8	37.0
Hartford	82.3	88.4	85.6	12.8	14.0	13.9	84.8	85.7	85.4
New Britain	23.4	23.7	23.1	2.5	3.0	3.0	10.7	10.9	11.1
New Haven-West Haven	37.4	39.7	39.6	10.8	16.2	16.1	43.4	47.4	48.2
Stamford	30.6	31.4	30.8	4.2	4.3	4.3	24.7	25.5	25.4
Waterbury	28.1	28.0	29.7	2.6	3.3	3.3	16.6	17.1	17.0
Delaware	69.1	66.3	68.9	10.5	10.9	10.9	60.9	62.2	61.7
Wilmington	60.4	57.0	59.4	10.5	10.7	10.7	48.2	48.6	48.3
District of Columbia	14.0	14.5	14.5	21.1	25.5	25.4	59.9	59.5	59.6
Washington SMSA	64.7	70.3	70.1	69.2	80.0	80.0	315.7	326.4	325.1
Florida	465.2	495.1	498.6	208.4	230.3	230.0	1,039.0	1,104.6	1,105.0
Daytona Beach	9.7	10.5	10.6	2.6	3.2	3.2	24.4	25.2	24.8
Fort Lauderdale-Hollywood	41.9	43.9	44.4	13.1	18.5	18.2	106.3	109.3	110.1
Fort Myers-Cape Coral	4.2	4.4	4.3	4.4	4.5	4.5	22.4	23.6	23.9
Gainesville	4.5	4.8	4.9	1.6	1.6	1.6	14.5	14.8	14.9
Jacksonville	32.5	33.5	34.0	20.0	25.6	25.5	82.3	85.8	85.9
Lakeland-Winter Haven	19.4	19.3	19.2	5.4	5.3	5.4	28.6	29.0	29.2
Melbourne-Titusville-Cocoa	25.8	28.6	28.6	4.5	5.0	5.0	26.4	29.4	29.6
Miami	90.1	92.8	93.0	62.7	68.5	67.9	187.9	188.5	188.5
Orlando	40.6	42.7	42.5	16.5	16.7	16.7	92.8	98.2	97.3
Pensacola	12.7	12.9	12.9	6.1	6.4	6.0	26.3	28.1	28.3
Sarasota	6.2	6.6	6.5	3.3	3.3	3.2	20.7	24.8	24.1
Tallahassee	3.1	3.1	3.1	2.7	2.6	2.7	17.2	18.2	18.2
Tampa-St. Petersburg	79.6	81.0	81.3	34.5	33.5	33.4	120.9	126.0	124.4
West Palm Beach-Boca Raton	30.2	33.7	34.1	9.9	10.1	10.2	30.9	35.0	34.4

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		
	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p
Alabama	60.2	62.2	62.1	219.8	218.5	218.7	285.1	287.5	282.4
Birmingham	23.9	24.7	24.7	73.6	74.5	74.7	54.3	55.1	51.2
Huntsville	3.7	3.7	3.7	20.3	20.4	20.5	36.0	35.4	35.1
Mobile	7.1	7.1	7.1	31.8	31.5	31.4	24.5	26.9	25.9
Montgomery	6.3	6.4	6.4	21.5	21.4	21.4	28.8	29.0	29.1
Tuscaloosa	1.6	1.7	1.7	6.5	6.7	6.7	17.0	16.9	17.3
Alaska	11.0	11.5	11.6	41.4	42.6	43.4	60.6	62.2	62.5
Arizona	66.2	69.5	69.5	237.4	257.4	256.9	180.5	181.5	184.7
Phoenix	51.7	54.5	54.5	157.9	173.3	173.3	91.1	91.7	90.9
Tucson	9.4	9.7	9.8	45.5	48.9	48.6	39.2	39.4	42.4
Arkansas	34.7	35.8	35.9	130.8	134.5	134.5	127.4	125.2	128.8
Fayetteville-Springdale	2.6	2.5	2.6	10.1	10.0	10.1	12.5	11.8	12.6
Fort Smith	2.7	2.7	2.8	12.7	12.7	12.6	8.8	8.8	8.7
Little Rock-North Little Rock	13.9	13.8	13.7	40.6	41.6	41.5	35.5	35.2	36.1
Pine Bluff	1.4	1.5	1.4	5.7	5.5	5.6	5.8	5.6	5.9
California	663.0	679.5	681.6	2,366.4	2,467.2	2,476.5	1,610.1	1,666.5	1,635.6
Anaheim-Santa Ana-Garden Grove	64.6	66.0	66.4	203.8	214.0	214.5	94.4	94.7	90.6
Bakersfield	5.7	5.7	5.7	27.2	28.1	28.1	31.4	31.8	31.4
Fresno	12.1	12.3	12.6	38.1	39.3	40.1	35.2	36.3	36.3
Los Angeles-Long Beach	238.7	244.1	245.0	883.1	924.3	931.1	432.6	449.1	434.0
Modesto	3.7	3.7	3.7	17.7	17.4	17.5	14.3	14.1	13.6
Oxnard-Simi Valley-Ventura	10.7	10.5	10.5	33.9	34.5	34.4	35.5	35.5	35.5
Riverside-San Bernardino-Ontario	19.6	19.7	19.8	96.7	99.9	99.6	92.9	98.9	96.9
Sacramento	23.8	23.9	24.1	82.5	84.1	84.6	139.7	139.8	140.3
Salinas-Seaside-Monterey	4.5	4.5	4.5	21.3	22.2	22.2	23.5	25.3	23.6
San Diego	45.9	47.3	47.6	166.0	173.1	175.1	130.0	131.0	130.5
San Francisco-Oakland	153.2	153.9	154.2	382.8	396.4	396.7	268.4	270.8	268.0
San Jose	29.4	29.3	29.5	169.0	175.1	176.2	70.1	70.4	69.9
Santa Barbara-Santa Maria-Lompoc	6.4	6.4	6.4	31.9	32.2	32.3	23.2	23.5	23.3
Santa Rosa	6.3	6.4	6.5	21.2	22.3	22.3	17.6	16.9	17.5
Stockton	6.1	6.2	6.2	23.8	23.9	23.9	24.4	26.3	26.2
Vallejo-Fairfield-Napa	3.7	3.7	3.7	20.5	21.6	21.6	33.4	33.9	33.1
Colorado	87.2	89.2	89.3	291.7	300.0	303.0	227.1	230.9	229.2
Denver-Boulder	62.7	64.2	64.3	194.2	200.8	203.9	126.2	129.5	128.6
Connecticut	120.1	123.2	122.9	319.0	329.2	328.0	173.9	177.1	176.6
Bridgeport	8.3	8.3	8.3	36.7	36.8	37.2	14.6	14.7	14.6
Hartford	69.3	72.4	72.1	84.4	86.5	85.7	48.9	49.5	49.5
New Britain	2.0	2.0	2.0	10.9	11.1	11.1	5.4	5.4	5.5
New Haven-West Haven	11.8	12.6	12.6	52.2	55.5	55.8	22.1	22.5	22.5
Stamford	9.0	9.1	9.1	29.0	30.1	30.1	9.7	9.3	9.3
Waterbury	4.0	4.0	4.0	19.4	19.5	19.6	10.9	11.3	11.1
Delaware	16.0	16.9	17.0	53.8	56.2	56.0	43.4	43.8	43.6
Wilmington	14.6	15.5	15.6	47.5	50.3	50.0	33.4	35.0	35.0
District of Columbia	34.3	35.0	35.0	188.7	192.6	191.9	273.1	279.3	274.6
Washington SMSA	95.5	98.6	98.4	486.4	507.3	506.5	538.4	545.0	549.1
Florida	289.1	309.5	310.8	961.3	1,006.9	1,009.4	584.6	612.4	608.9
Daytona Beach	5.4	5.7	5.6	23.7	24.0	23.8	14.2	14.8	14.8
Fort Lauderdale-Hollywood	33.3	34.7	35.0	92.1	91.4	90.0	45.7	48.2	47.5
Fort Myers-Cape Coral	6.8	6.8	6.8	18.6	19.7	19.7	9.4	12.4	12.5
Gainesville	3.1	3.0	3.0	14.8	14.5	14.5	26.2	26.2	29.4
Jacksonville	29.7	29.7	29.8	73.0	75.7	76.0	48.5	48.8	48.8
Lakeland-Winter Haven	7.3	7.3	7.4	25.5	25.9	25.9	15.6	14.9	14.7
Melbourne-Titusville-Cocoa	4.4	4.5	4.5	29.6	30.8	31.1	19.3	19.3	19.4
Miami	61.4	62.4	62.5	190.0	194.2	194.3	90.8	93.3	93.2
Orlando	22.6	23.7	23.7	100.4	106.4	106.2	40.2	42.6	41.9
Pensacola	4.3	4.4	4.4	24.1	24.3	24.2	23.8	23.7	23.5
Sarasota	7.2	7.3	7.4	22.1	22.4	22.2	10.5	10.3	10.4
Tallahassee	3.9	3.7	3.7	15.4	15.4	15.4	30.8	31.5	32.0
Tampa-St. Petersburg	46.0	48.3	48.4	158.8	163.9	162.3	81.4	79.5	79.1
West Palm Beach-Boca Raton	19.8	20.8	20.7	58.3	63.2	62.5	29.1	30.1	30.0

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		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Georgia	2,275.4	2,407.5	2,427.2	7.4	7.9	8.0	116.8	139.9	142.5
Albany	43.6	45.2	45.1	(¹)	(¹)	(¹)	1.9	1.8	1.8
Athens	53.9	54.6	54.8	(¹)	(¹)	(¹)	1.8	2.1	1.9
Atlanta	1,056.7	1,131.1	1,138.6	(¹)	(¹)	(¹)	53.3	60.6	61.7
Augusta	124.2	127.1	127.2	(¹)	(¹)	(¹)	6.6	7.0	6.8
Columbus	82.9	85.2	86.2	(¹)	(¹)	(¹)	4.7	5.0	5.2
Macon	101.0	102.7	103.0	(¹)	(¹)	(¹)	4.5	4.6	4.7
Savannah	89.7	90.7	91.0	(¹)	(¹)	(¹)	5.0	5.7	5.7
Hawaii	404.8	408.1	406.2	(¹)	(¹)	(¹)	17.9	16.9	16.0
Honolulu	329.3	332.5	330.4	(¹)	(¹)	(¹)	14.7	14.1	13.2
Idaho	315.9	324.6	325.2	4.6	4.4	4.4	14.4	13.8	14.0
Boise City	77.6	78.5	78.7	(¹)	(¹)	(¹)	4.7	4.6	4.8
Illinois	4,509.2	4,591.6	4,592.7	24.4	25.5	25.6	156.9	158.3	158.9
Bloomington-Normal	47.3	48.1	49.1	(¹)	(¹)	(¹)	1.3	1.2	1.2
Champaign-Urbana-Rantoul	68.5	71.3	69.7	(¹)	(¹)	(¹)	1.9	1.8	1.9
Chicago-Gary	3,239.8	3,282.5	3,277.3	3.2	3.9	4.0	120.4	123.3	122.5
Chicago SMSA	3,022.0	3,071.3	3,067.8	3.1	3.8	3.9	109.4	112.8	111.6
Davenport-Rock Island-Moline	146.0	148.4	148.5	(¹)	(¹)	(¹)	6.1	6.1	6.0
Decatur	51.1	52.3	52.3	(¹)	(¹)	(¹)	2.3	2.2	2.1
Kankakee	31.0	31.0	31.1	(¹)	(¹)	(¹)	1.3	1.2	1.2
Peoria	128.8	132.9	132.8	(¹)	(¹)	(¹)	7.0	7.4	7.7
Rockford	110.1	114.7	115.5	(¹)	(¹)	(¹)	3.1	3.5	3.6
Springfield	93.6	88.8	94.0	(¹)	(¹)	(¹)	3.6	3.2	3.2
Indiana	2,008.0	2,064.7	2,069.2	9.8	10.2	10.2	76.0	77.8	80.4
Anderson	44.7	46.2	46.2	(¹)	(¹)	(¹)	1.1	1.2	1.2
Elkhart	81.0	88.2	88.1	(¹)	(¹)	(¹)	2.1	2.3	2.3
Evansville	123.0	125.0	125.1	2.7	2.7	2.7	6.5	6.5	6.8
Fort Wayne	158.9	162.9	163.8	(¹)	(¹)	(¹)	5.9	6.2	6.5
Gary-Hammond-East Chicago	217.8	211.2	209.5	(¹)	(¹)	(¹)	11.0	10.5	10.9
Indianapolis	509.0	530.5	532.1	(¹)	(¹)	(¹)	21.9	22.8	23.1
Lafayette-West Lafayette	52.4	54.4	54.1	(¹)	(¹)	(¹)	1.5	1.6	1.6
Muncie	42.8	43.8	43.8	(¹)	(¹)	(¹)	1.5	1.5	1.5
South Bend	105.6	111.7	112.3	(¹)	(¹)	(¹)	4.3	4.8	4.9
Terre Haute	57.7	59.6	59.5	1.2	1.3	1.3	2.9	2.6	2.8
Iowa	1,005.8	1,022.9	1,023.9	2.0	2.3	2.3	42.7	46.2	47.1
Cedar Rapids	74.2	74.2	74.0	.1	.1	.1	2.8	2.7	2.8
Des Moines	169.1	173.5	173.0	(¹)	(¹)	(¹)	6.8	7.0	7.1
Dubuque	36.6	38.7	38.7	(¹)	(¹)	(¹)	1.1	1.1	1.2
Sioux City	45.5	46.1	46.3	(¹)	(¹)	(¹)	2.0	1.9	1.9
Waterloo-Cedar Falls	50.6	54.8	53.5	(¹)	(¹)	(¹)	2.2	2.5	2.5
Kansas	906.5	930.6	929.6	17.4	17.9	17.9	42.5	43.9	43.8
Lawrence	26.1	25.0	26.0	(¹)	(¹)	(¹)	.9	.9	.9
Topeka	81.1	84.3	84.8	.1	.3	.3	2.8	2.9	3.0
Wichita	190.0	201.3	198.7	3.4	3.1	3.1	8.9	9.6	9.5
Kentucky	1,141.7	1,180.5	1,184.5	41.2	43.5	44.7	51.7	58.7	59.6
Lexington-Fayette	147.1	146.4	146.8	(¹)	(¹)	(¹)	6.9	9.0	9.0
Louisville	368.2	380.3	375.8	(¹)	(¹)	(¹)	16.4	20.8	20.6
Owensboro	31.4	31.5	31.5	1.1	1.1	1.1	1.8	2.0	2.0
Louisiana	1,555.3	1,573.1	1,568.9	78.7	78.2	77.2	116.7	113.9	112.2
Alexandria	53.3	54.1	54.3	(¹)	(¹)	(¹)	3.6	3.4	3.5
Baton Rouge	202.7	210.6	210.7	.9	.9	.9	20.5	20.8	20.8
Lafayette	85.9	89.0	88.1	15.4	16.4	16.2	5.3	5.0	4.9
Lake Charles	61.4	58.6	58.4	2.3	2.3	2.3	6.2	4.4	4.3
Monroe	51.2	51.2	51.5	.6	.4	.4	3.2	2.4	2.3
New Orleans	501.9	508.4	508.6	18.3	16.6	18.5	31.1	28.6	28.3
Shreveport	147.8	150.8	148.8	6.0	6.7	6.5	9.9	10.1	9.7
Maine	440.1	445.0	452.2	.2	.2	.2	18.7	19.3	19.0
Lewiston-Auburn	34.2	33.0	34.5	(¹)	(¹)	(¹)	1.6	1.5	1.6
Portland	96.1	102.7	103.0	(¹)	(¹)	(¹)	4.4	4.7	4.5
Maryland	1,698.6	1,758.5	1,746.7	1.6	1.3	1.3	100.7	111.0	110.3
Baltimore SMSA	928.9	964.8	952.9	.1	.1	.1	47.7	52.7	51.7
Baltimore City	433.2	442.9	438.7	(¹)	(¹)	(¹)	16.2	18.9	18.4

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		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Georgia	513.0	532.1	540.9	139.8	154.3	155.1	553.0	598.9	602.6
Albany	10.4	11.1	11.1	2.0	2.3	2.3	10.4	11.1	11.0
Athens	14.3	14.7	14.9	1.6	1.6	1.6	10.8	10.7	10.7
Atlanta	144.2	153.5	155.8	86.1	96.1	96.1	300.6	322.8	324.6
Augusta	33.3	33.4	33.7	3.8	4.3	4.3	24.2	24.9	25.2
Columbus	20.6	21.3	21.6	2.7	3.1	3.1	17.0	18.4	18.7
Macon	16.8	16.7	16.7	3.8	4.3	4.2	21.4	21.9	22.0
Savannah	16.4	16.6	16.8	10.2	9.7	10.1	21.4	21.8	21.7
Hawaii	23.9	23.5	22.7	30.6	31.2	31.1	106.7	108.8	108.9
Honolulu	17.8	17.1	16.4	25.5	26.0	26.0	86.4	88.6	88.6
Idaho	51.1	54.6	54.7	18.1	19.1	19.2	79.7	82.1	82.3
Boise City	9.2	9.5	9.4	5.2	5.0	5.0	19.7	19.3	19.4
Illinois	962.5	987.9	993.5	241.4	270.4	269.6	1,089.1	1,110.6	1,113.8
Bloomington-Normal	5.0	5.3	5.3	3.2	3.1	3.1	11.9	13.0	12.9
Champaign-Urbana-Rantoul	7.1	6.9	6.9	2.2	2.4	2.4	18.0	18.0	17.9
Chicago-Gary	709.7	710.9	709.5	171.3	194.8	195.7	782.4	790.4	792.6
Chicago SMSA	639.2	646.2	646.2	159.2	181.7	182.5	735.7	743.1	745.1
Davenport-Rock Island-Moline	36.0	36.2	36.4	6.4	6.9	7.0	38.6	38.8	38.8
Decatur	17.5	18.3	18.3	3.8	3.9	4.0	10.9	11.3	11.3
Kankakee	5.8	6.0	6.0	1.1	1.1	1.1	7.1	7.1	7.2
Peoria	34.6	36.3	36.1	6.1	6.7	6.7	31.1	31.1	31.4
Rockford	42.4	44.6	45.2	3.8	4.3	4.3	24.5	24.8	24.9
Springfield	5.7	5.8	5.8	3.5	4.2	4.2	21.4	19.2	21.3
Indiana	581.5	609.1	609.1	96.9	103.6	103.7	465.9	476.7	478.8
Anderson	17.8	18.7	19.1	1.1	1.2	1.2	9.7	9.8	9.8
Elkhart	44.5	49.4	49.1	2.6	2.7	2.7	14.9	16.2	16.3
Evansville	32.3	33.3	33.4	6.6	7.0	7.1	30.9	31.5	31.4
Fort Wayne	45.1	47.9	48.6	9.9	10.6	10.6	39.6	39.9	40.1
Gary-Hammond-East Chicago	70.5	64.7	63.3	12.1	13.1	13.2	46.7	47.3	47.5
Indianapolis	105.7	109.9	110.4	28.1	31.8	31.8	130.1	135.4	135.3
Lafayette-West Lafayette	10.4	11.3	11.3	1.8	1.8	1.8	11.3	11.4	11.5
Muncie	10.6	11.3	11.4	1.6	1.9	1.9	11.0	10.9	11.0
South Bend	27.6	29.3	30.5	4.3	4.8	4.9	27.5	29.0	29.1
Terre Haute	12.4	12.8	12.6	3.4	3.4	3.3	15.2	16.3	16.5
Iowa	194.5	207.2	207.1	46.2	49.9	49.9	262.8	261.2	261.4
Cedar Rapids	20.8	20.6	20.7	3.4	3.8	3.8	18.0	17.9	17.9
Des Moines	20.6	21.8	21.8	8.3	10.2	10.1	44.5	44.8	44.9
Dubuque	10.0	12.0	11.9	1.6	1.7	1.7	8.7	8.6	8.6
Sioux City	8.6	8.8	9.2	3.2	3.4	3.4	12.2	12.3	12.3
Waterloo-Cedar Falls	11.5	15.7	14.8	1.6	1.8	1.8	12.6	12.6	12.7
Kansas	168.7	178.4	176.5	56.6	63.9	63.5	226.3	227.7	228.0
Lawrence	4.2	4.2	4.2	1.2	1.4	1.3	5.8	5.8	5.9
Topeka	9.1	9.8	9.6	6.6	7.9	7.9	18.1	18.9	19.0
Wichita	51.4	55.9	53.2	8.4	10.5	10.5	45.6	48.7	48.4
Kentucky	242.5	256.3	254.7	60.9	64.0	63.8	267.8	274.8	277.1
Lexington-Fayette	26.9	28.6	28.6	7.5	7.3	7.3	34.0	32.2	32.5
Louisville	82.1	87.2	84.7	20.3	20.9	20.9	88.0	90.0	90.8
Owensboro	6.1	6.6	6.5	2.4	2.3	2.3	7.6	7.5	7.6
Louisiana	179.4	181.9	183.1	112.2	116.3	116.9	372.4	376.8	375.5
Alexandria	5.3	5.4	5.6	2.1	2.5	2.5	12.5	12.8	12.7
Baton Rouge	22.5	22.4	22.2	9.2	9.7	9.4	48.4	51.2	51.5
Lafayette	3.6	3.9	3.9	6.6	6.8	6.8	23.3	24.9	24.3
Lake Charles	9.7	9.2	9.2	4.3	4.7	4.7	14.5	13.8	13.8
Monroe	6.8	6.8	7.0	2.5	2.8	2.8	14.3	14.2	14.3
New Orleans	40.6	40.1	40.2	45.8	46.0	46.3	129.5	132.8	132.9
Shreveport	23.8	26.6	26.3	9.4	9.5	9.4	34.4	34.5	34.1
Maine	112.9	105.5	112.9	17.1	19.0	19.2	102.5	108.4	109.1
Lewiston-Auburn	11.6	10.1	11.5	1.2	1.2	1.1	8.1	8.0	8.1
Portland	16.3	16.7	17.3	4.9	5.7	5.8	27.5	29.4	29.4
Maryland	210.4	215.1	215.2	87.2	90.4	89.4	421.0	436.4	434.9
Baltimore SMSA	133.7	139.7	139.8	57.5	59.3	58.2	220.2	227.1	227.7
Baltimore City	55.3	51.1	51.1	35.2	35.1	35.2	92.9	94.6	93.4

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		
	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p
Georgia	122.8	129.4	130.0	400.9	428.1	431.2	421.9	416.8	417.0
Albany	2.1	2.1	2.1	6.1	6.1	6.2	10.7	10.6	10.6
Athens	1.6	1.7	1.7	7.2	7.6	7.8	16.5	16.3	16.1
Atlanta	76.6	77.9	78.0	235.6	256.2	257.7	160.5	164.1	164.6
Augusta	4.7	4.8	4.8	19.8	20.4	20.2	31.8	32.3	32.1
Columbus	5.5	5.7	5.8	11.9	12.3	12.2	20.5	19.5	19.6
Macon	6.3	6.4	6.5	18.2	18.4	18.5	30.0	30.4	30.4
Savannah	4.1	4.3	4.3	17.7	17.9	17.7	14.9	14.8	14.7
Hawaii	31.8	31.1	31.2	102.9	106.5	105.8	91.0	90.1	90.5
Honolulu	27.4	26.9	27.0	80.8	83.7	83.2	76.7	76.1	76.0
Idaho	23.5	23.6	23.6	60.8	63.2	63.5	63.7	63.8	63.5
Boise City	7.9	8.1	8.1	15.9	16.6	16.5	15.0	15.4	15.5
Illinois	324.8	324.4	325.0	1,026.6	1,045.4	1,045.1	683.5	669.1	661.2
Bloomington-Normal	8.6	8.8	8.8	8.9	9.2	9.3	8.4	7.5	8.5
Champaign-Urbana-Rantoul	2.4	2.4	2.5	12.1	12.4	12.5	24.8	27.4	25.6
Chicago-Gary	249.7	251.1	251.7	785.8	799.3	799.8	417.4	408.9	401.6
Chicago SMSA	241.1	242.9	243.7	748.0	761.1	761.7	386.3	379.7	373.1
Davenport-Rock Island-Moline	7.2	7.4	7.4	25.3	25.6	25.5	26.4	27.4	27.4
Decatur	2.8	2.8	2.8	8.9	8.9	8.9	4.9	4.9	4.9
Kankakee	1.5	1.4	1.5	6.9	6.7	6.6	7.3	7.5	7.5
Peoria	6.5	6.6	6.5	27.4	28.7	28.4	16.1	16.1	16.0
Rockford	4.1	4.3	4.3	20.3	21.0	21.0	11.9	12.2	12.2
Springfield	7.5	7.5	7.4	21.3	18.8	21.0	30.6	30.1	31.1
Indiana	102.7	103.8	104.2	363.8	373.5	375.0	311.4	310.1	307.8
Anderson	1.6	1.6	1.6	8.1	8.0	8.0	5.3	5.7	5.3
Elkhart	2.1	2.2	2.2	10.0	10.5	10.6	4.8	4.9	4.9
Evansville	4.5	4.6	4.6	27.1	27.5	27.5	12.4	11.9	11.6
Fort Wayne	10.8	10.6	10.8	30.1	30.5	30.5	17.4	16.9	16.6
Gary-Hammond-East Chicago	8.6	8.2	8.0	37.8	38.2	38.1	31.1	29.2	28.5
Indianapolis	39.7	41.2	41.2	102.1	107.7	107.8	80.6	80.9	81.7
Lafayette-West Lafayette	2.6	2.7	2.7	9.6	9.4	9.7	15.2	16.0	15.4
Muncie	1.5	1.5	1.5	8.7	8.6	8.7	7.9	8.1	7.8
South Bend	5.3	5.4	5.4	25.5	26.8	26.4	11.1	11.6	11.1
Terre Haute	2.1	2.1	2.1	10.2	10.5	10.5	10.3	10.6	10.4
Iowa	60.4	62.0	61.9	206.3	203.3	204.3	191.0	190.7	189.9
Cedar Rapids	4.3	4.4	4.4	15.2	15.2	15.2	9.5	9.5	9.2
Des Moines	22.2	23.1	23.0	40.3	40.3	40.1	26.3	26.3	26.1
Dubuque	1.3	1.3	1.3	10.4	10.7	10.8	3.3	3.2	3.2
Sioux City	2.6	2.6	2.6	11.7	11.6	11.5	5.3	5.6	5.5
Waterloo-Cedar Falls	2.3	2.3	2.3	11.0	10.6	10.5	9.3	9.4	8.9
Kansas	49.8	50.0	49.9	174.1	175.5	175.4	171.1	173.3	174.6
Lawrence .....	.9	.9	.9	4.0	4.0	4.0	9.1	7.8	8.8
Topeka	5.8	5.9	5.9	17.9	17.9	17.9	20.7	20.7	21.2
Wichita	10.1	9.9	10.0	40.4	40.2	40.0	21.8	23.4	24.0
Kentucky	53.4	54.3	53.7	226.4	231.6	232.6	197.8	197.3	198.3
Lexington-Fayette	7.4	7.3	7.3	33.2	33.4	33.2	31.2	28.6	28.9
Louisville	24.3	25.9	25.8	81.9	80.8	81.3	55.2	54.7	51.8
Owensboro	1.3	1.3	1.3	6.4	6.4	6.4	4.7	4.3	4.3
Louisiana	83.7	84.1	83.9	304.0	310.0	308.9	308.2	311.9	311.2
Alexandria	2.9	2.9	2.9	11.5	11.7	11.7	15.4	15.4	15.4
Baton Rouge	12.3	12.7	12.8	38.5	40.3	40.5	50.4	52.6	52.6
Lafayette	3.8	3.7	3.7	18.7	18.6	18.6	9.2	9.7	9.7
Lake Charles	2.9	3.0	3.0	11.0	10.6	10.5	10.5	10.6	10.6
Monroe	4.0	4.1	4.1	10.3	10.2	10.3	9.5	10.3	10.3
New Orleans	32.0	31.7	31.7	121.4	124.7	125.2	83.2	85.9	85.5
Shreveport	6.1	8.2	8.1	32.0	32.6	32.1	24.2	22.6	22.6
Maine	18.3	19.2	19.2	92.4	94.7	95.2	78.0	78.7	77.4
Lewiston-Auburn	1.6	1.8	1.8	7.3	7.4	7.5	2.8	3.0	2.9
Portland	8.5	9.0	9.1	23.1	24.8	24.7	11.4	12.4	12.2
Maryland	99.2	100.0	99.6	404.8	419.6	416.8	373.7	384.7	379.2
Baltimore SMSA	60.7	60.8	60.4	214.6	221.3	219.2	194.4	203.8	195.8
Baltimore City	40.6	40.1	39.9	113.7	118.6	118.1	79.1	84.5	82.6

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		
	Aug. 1983	July 1984	Aug. 1984 ^a	Aug. 1983	July 1984	Aug. 1984 ^a	Aug. 1983	July 1984	Aug. 1984 ^a
Massachusetts	2,650.9	2,726.1	2,737.9	1.2	1.2	1.2	89.4	93.3	94.8
Boston	1,485.2	1,528.5	1,527.8	.5	.5	.5	48.0	46.1	47.4
Brockton	55.9	57.3	57.9	(^b)	(^b)	(^b)	2.3	2.7	2.8
Fall River	54.8	54.3	55.9	(^b)	(^b)	(^b)	1.8	2.1	2.0
Fitchburg-Leominster	39.9	41.5	41.8	(^b)	(^b)	(^b)	1.5	1.5	1.5
Lawrence-Haverhill	107.1	114.1	115.0	(^b)	(^b)	(^b)	3.4	3.6	3.7
Lowell	83.9	88.0	87.8	(^b)	(^b)	(^b)	2.6	2.3	2.2
New Bedford	65.4	66.7	69.1	(^b)	(^b)	(^b)	2.2	2.7	2.7
Pittsfield	52.4	53.1	53.6	.1	(^b)	(^b)	1.9	2.1	2.1
Springfield-Chicopee-Holyoke	223.2	225.4	225.9	.2	.2	.1	6.6	6.7	6.8
Worcester	153.0	153.2	153.2	.6	.6	.6	4.4	4.0	4.0
Michigan	3,162.4	3,282.9	3,266.6	9.3	9.3	9.5	94.4	107.9	104.0
Ann Arbor	126.9	135.4	134.5	(^b)	(^b)	(^b)	4.0	4.2	3.4
Battle Creek	59.4	60.4	61.4	(^b)	(^b)	(^b)	1.8	1.8	2.0
Bay City	32.1	33.1	33.1	(^b)	(^b)	(^b)	1.1	1.1	1.1
Benton Harbor	55.3	57.7	58.3	(^b)	(^b)	(^b)	2.3	2.6	2.6
Detroit	1,523.3	1,597.2	1,598.8	.9	.8	.8	40.5	46.9	48.5
Flint	177.3	183.3	179.4	(^b)	(^b)	(^b)	4.2	4.2	4.2
Grand Rapids	263.1	272.1	271.8	(^b)	(^b)	(^b)	10.3	10.7	10.9
Jackson	45.9	47.1	47.0	(^b)	(^b)	(^b)	1.2	1.3	1.3
Kalamazoo-Portage	103.5	106.9	107.2	(^b)	(^b)	(^b)	3.6	4.0	4.1
Lansing-East Lansing	185.7	187.7	188.9	(^b)	(^b)	(^b)	4.2	6.2	6.2
Muskegon-Norton Shores-Muskegon Heights	55.4	57.6	59.0	(^b)	(^b)	(^b)	2.1	2.3	2.3
Saginaw	75.8	82.3	83.3	(^b)	(^b)	(^b)	2.3	2.6	2.7
Minnesota	1,722.7	1,820.9	1,837.9	9.2	11.2	9.5	71.6	82.6	85.5
Duluth-Superior	53.3	52.6	52.1	(^b)	(^b)	(^b)	1.5	1.7	1.8
Minneapolis-St. Paul	1,076.9	1,134.3	1,144.9	(^b)	(^b)	(^b)	41.7	46.7	48.3
Rochester	51.3	52.8	53.0	(^b)	(^b)	(^b)	1.9	1.8	1.9
St. Cloud	53.7	55.2	55.2	(^b)	(^b)	(^b)	3.2	3.3	3.4
Mississippi	782.0	794.8	792.8	8.7	9.1	9.1	35.3	33.5	33.6
Jackson	143.3	146.6	147.1	1.5	1.7	1.7	6.5	7.0	7.5
Missouri	1,915.6	1,942.7	1,955.0	6.6	5.9	6.0	82.2	82.1	83.0
Kansas City	604.1	627.8	628.2	.5	.6	.6	24.2	26.2	27.2
St. Joseph	36.3	36.5	36.7	(^b)	(^b)	(^b)	1.3	1.9	1.9
St. Louis	981.1	1,016.6	1,018.2	3.4	3.8	3.9	46.8	52.7	52.7
Springfield	89.7	91.0	91.7	.1	.1	.1	3.6	3.8	3.8
Montana	267.4	271.9	273.5	6.8	6.7	6.6	15.1	12.9	13.3
Nebraska	607.4	624.9	626.0	1.8	1.7	1.7	24.3	23.8	23.6
Lincoln	94.1	95.5	96.6	(^b)	(^b)	(^b)	3.2	3.4	3.5
Omaha	264.3	273.1	273.1	.1	.2	.2	10.1	10.8	10.6
Nevada	411.0	420.1	420.6	6.2	6.5	6.6	21.3	21.3	21.1
Las Vegas	230.1	233.9	233.8	.3	.4	.4	12.6	12.9	12.7
Reno	113.8	117.3	117.6	.7	.7	.8	5.7	5.6	5.6
New Hampshire	420.4	433.7	439.0	.4	.4	.4	26.7	21.4	22.5
Manchester	78.6	82.5	83.5	(^b)	(^b)	(^b)	3.8	4.3	4.4
Nashua	72.7	76.7	77.2	.2	.2	.2	3.2	3.2	3.3
New Jersey	3,191.5	3,316.9	3,314.7	2.0	2.0	1.9	121.7	137.2	139.5
Atlantic City	113.3	121.2	120.7	(^b)	(^b)	(^b)	4.8	5.0	5.0
Camden	360.4	365.3	365.1	.1	.1	.1	13.9	14.7	14.8
Hackensack	409.2	418.5	417.6	(^b)	(^b)	(^b)	15.4	15.4	15.6
Jersey City	221.2	223.5	223.7	(^b)	(^b)	(^b)	4.8	5.3	5.3
Long Branch-Asbury Park	178.6	190.2	190.7	(^b)	(^b)	(^b)	7.8	9.4	9.6
New Brunswick-Perth Amboy-Sayreville	296.4	304.4	304.1	(^b)	(^b)	(^b)	10.0	10.8	10.8
Newark	958.7	990.1	988.2	.7	.6	.6	31.9	31.3	31.4
Paterson-Clifton-Passaic	189.1	194.9	193.6	(^b)	(^b)	(^b)	7.1	7.8	7.6
Trenton	163.6	171.0	170.2	(^b)	(^b)	(^b)	3.3	3.9	4.1
Vineland-Millville-Bridgeton	52.2	52.2	51.6	(^b)	(^b)	(^b)	1.7	2.0	1.8
New Mexico	481.9	495.9	498.3	20.3	21.5	21.4	36.1	38.3	38.7
Albuquerque	200.0	209.0	210.0	(^b)	(^b)	(^b)	14.6	16.0	16.1
Las Cruces	32.7	31.7	32.1	(^b)	(^b)	(^b)	2.5	3.0	3.0

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		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Massachusetts	621.1	632.2	644.4	95.1	120.0	120.1	609.3	631.7	633.0
Boston	284.6	291.1	292.6	62.0	72.3	72.3	331.8	338.7	337.3
Brockton	11.2	10.3	10.8	3.0	4.0	4.1	15.9	16.7	16.8
Fall River	19.8	18.3	19.6	1.3	2.1	2.1	12.6	12.6	12.7
Fitchburg-Leominster	16.0	15.9	16.2	1.0	1.4	1.4	8.4	9.5	9.6
Lawrence-Haverhill	36.7	43.0	43.7	3.8	4.5	4.5	23.1	22.7	22.7
Lowell	34.6	37.3	37.4	2.4	2.8	2.8	17.2	17.6	17.7
New Bedford	25.0	24.5	26.8	1.7	2.5	2.3	13.4	13.7	13.9
Pittsfield	15.7	15.7	16.0	1.0	1.0	1.1	12.4	13.0	13.1
Springfield-Chicopee-Holyoke	52.9	54.2	54.8	6.8	9.1	9.3	49.5	49.4	49.7
Worcester	39.8	38.5	38.8	6.3	6.3	6.4	36.3	37.5	37.4
Michigan	871.6	937.4	926.2	121.8	135.9	138.4	698.1	721.6	720.7
Ann Arbor	29.4	34.9	35.2	2.8	3.3	3.2	20.6	20.6	19.8
Battle Creek	17.8	18.1	18.8	1.9	2.1	2.1	10.3	10.5	10.6
Bay City	7.9	8.1	7.8	1.5	1.5	1.5	8.7	8.6	8.7
Benton Harbor	18.8	19.1	19.7	2.2	2.4	2.4	10.9	11.4	11.5
Detroit	406.0	444.9	442.5	62.1	68.8	70.7	353.4	369.8	369.4
Flint	64.7	69.6	65.8	5.0	5.1	4.8	41.0	42.9	43.3
Grand Rapids	86.6	92.3	91.6	9.2	10.6	10.7	65.0	65.5	65.7
Jackson	11.0	11.8	11.8	5.0	4.9	4.8	9.6	9.7	9.7
Kalamazoo-Portage	31.2	32.2	32.5	3.4	3.6	3.6	22.3	23.4	23.6
Lansing-East Lansing	39.5	35.9	38.2	5.4	5.1	5.1	34.8	37.5	36.9
Muskegon-Norton Shores-Muskegon Heights	17.3	19.0	19.8	2.9	2.9	2.9	11.3	11.6	11.7
Saginaw	23.9	26.2	26.1	3.2	4.3	4.4	17.4	17.9	18.1
Minnesota	357.6	374.7	383.7	84.4	95.6	95.9	436.2	464.4	468.6
Duluth-Superior	4.7	4.7	4.7	5.5	5.2	5.2	14.4	14.6	14.6
Minneapolis-St. Paul	237.7	250.8	254.3	56.0	65.3	65.3	264.2	277.4	280.0
Rochester	10.4	11.4	11.4	1.9	2.1	2.1	10.5	10.5	10.6
St. Cloud	10.5	10.6	10.3	3.4	3.5	3.5	16.2	16.7	17.0
Mississippi	208.2	210.0	211.1	36.7	38.8	38.6	165.9	170.3	170.6
Jackson	16.3	16.3	16.3	8.8	9.9	9.9	35.6	36.5	36.5
Missouri	401.2	412.3	420.4	125.2	134.8	136.0	460.9	463.3	464.9
Kansas City	107.6	116.6	116.5	46.5	49.9	49.8	159.6	161.1	161.0
St. Joseph	8.9	8.7	8.8	2.1	1.9	1.9	8.8	8.6	8.5
St. Louis	213.8	221.7	224.3	62.7	72.1	72.1	230.9	238.1	238.3
Springfield	18.8	19.9	20.1	6.0	6.0	5.9	25.5	25.8	26.1
Montana	21.4	21.6	21.6	18.4	20.2	20.2	72.1	71.6	72.9
Nebraska	86.3	91.0	91.3	41.3	42.5	42.4	157.6	160.2	160.9
Lincoln	11.6	11.8	12.1	6.3	6.4	6.3	20.9	20.7	20.9
Omaha	34.6	36.5	36.5	21.3	22.1	21.9	67.4	67.9	68.1
Nevada	19.3	20.4	20.4	23.9	24.6	24.7	82.0	83.7	84.1
Las Vegas	7.4	7.8	7.8	14.0	14.0	14.1	46.4	47.5	47.4
Reno	7.5	7.8	7.9	7.6	8.0	8.0	24.9	25.8	26.0
New Hampshire	114.8	119.6	122.9	13.2	15.3	15.5	98.3	102.5	103.1
Manchester	16.8	17.0	17.5	3.8	5.2	5.2	20.9	22.0	22.2
Nashua	34.2	36.6	36.9	1.6	1.9	1.9	14.1	14.6	14.6
New Jersey	718.2	736.2	739.7	189.1	207.7	208.5	743.5	785.0	785.8
Atlantic City	7.9	7.5	7.6	4.2	4.7	4.6	23.0	24.0	23.9
Camden	70.9	72.0	72.2	14.6	16.4	16.5	94.4	96.5	97.0
Hackensack	102.4	101.7	102.0	20.2	21.3	21.3	124.7	129.6	129.5
Jersey City	59.2	59.1	59.5	25.7	26.0	26.1	46.1	47.4	47.3
Long Branch-Asbury Park	23.6	23.6	23.6	5.9	7.3	7.3	46.6	49.4	49.6
New Brunswick-Perth Amboy-Sayreville	80.7	83.1	83.4	22.6	23.9	23.8	70.9	72.7	72.9
Newark	222.9	225.2	225.4	73.8	81.3	81.4	193.6	203.1	202.6
Paterson-Clifton-Passaic	63.8	65.0	64.5	6.4	6.9	6.8	40.6	42.1	42.1
Trenton	30.6	32.0	31.5	4.4	4.8	4.8	26.1	28.9	28.8
Vineland-Millville-Bridgeton	16.0	15.4	15.1	2.4	2.7	2.7	9.4	9.5	9.5
New Mexico	34.8	35.4	35.7	28.3	28.3	28.4	113.2	117.9	119.5
Albuquerque	18.5	19.5	19.7	11.3	11.2	11.4	50.6	52.6	53.4
Las Cruces	3.8	3.2	3.4	1.2	1.1	1.2	6.4	7.4	7.5

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		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Massachusetts	174.7	177.2	177.1	706.2	715.2	714.3	353.9	355.3	353.0
Boston	121.2	123.5	123.0	459.0	476.5	475.7	178.2	179.8	179.0
Brockton	2.2	2.2	2.1	10.8	11.0	11.2	10.5	10.3	10.1
Fall River	2.8	2.9	2.9	10.7	10.5	10.9	5.8	5.8	5.7
Fitchburg-Leominster	1.3	1.3	1.2	6.8	6.8	6.8	4.9	5.1	5.1
Lawrence-Haverhill	4.4	4.5	4.5	21.0	20.9	21.0	14.7	14.9	14.9
Lowell	2.5	2.6	2.6	13.6	14.6	14.4	11.0	10.8	10.7
New Bedford	2.3	2.3	2.3	11.6	11.7	11.8	9.2	9.3	9.3
Pittsfield	2.4	2.4	2.4	13.0	12.9	12.8	5.9	5.9	6.0
Springfield-Chicopee-Holyoke	14.7	14.4	14.6	49.8	49.4	49.4	42.7	42.0	41.2
Worcester	10.2	10.0	10.0	33.8	34.7	34.7	21.6	21.6	21.3
Michigan	153.0	158.6	158.8	659.7	670.7	670.4	554.4	541.4	538.6
Ann Arbor	4.3	4.5	4.5	25.0	26.5	26.7	40.8	41.4	41.7
Battle Creek	4.1	4.1	4.1	11.4	11.7	11.7	12.1	12.2	12.2
Bay City	1.3	1.4	1.5	6.3	6.8	6.9	5.3	5.5	5.6
Benton Harbor	2.0	2.0	2.0	11.7	12.3	12.2	7.6	7.9	7.8
Detroit	89.2	90.7	90.6	359.2	363.9	366.3	211.9	211.4	210.2
Flint	5.9	6.0	6.0	29.3	29.6	29.4	27.1	25.9	25.9
Grand Rapids	10.9	11.1	11.2	52.7	52.8	53.0	28.3	29.0	28.7
Jackson	1.7	1.6	1.6	9.4	9.6	9.7	8.1	8.2	8.1
Kalamazoo-Portage	4.1	4.1	4.1	21.8	22.6	22.6	17.1	17.0	16.7
Lansing-East Lansing	9.8	9.8	9.8	31.2	32.3	32.3	60.8	60.9	60.5
Muskegon-Norton Shores-Muskegon Heights	1.5	1.5	1.5	10.6	10.6	10.7	9.7	9.8	10.1
Saginaw	3.7	3.6	3.6	14.4	15.8	16.0	10.9	11.8	12.4
Minnesota	102.1	106.8	106.9	397.7	412.6	420.8	263.9	273.0	266.9
Duluth-Superior	2.1	2.2	2.2	13.5	13.6	13.6	11.6	10.7	10.0
Minneapolis-St. Paul	76.3	79.1	79.2	259.8	269.1	274.2	141.0	146.0	143.4
Rochester	1.6	1.6	1.6	20.4	20.6	20.7	4.6	4.9	4.9
St. Cloud	2.0	2.1	2.2	10.7	10.9	11.1	7.7	8.0	7.8
Mississippi	34.0	34.6	34.6	122.6	125.9	124.4	170.6	172.6	170.7
Jackson	11.6	11.8	11.8	30.2	30.8	30.9	32.8	32.5	32.5
Missouri	111.2	111.0	110.8	418.0	420.7	420.1	310.3	312.6	313.8
Kansas City	47.6	49.6	49.8	138.2	141.5	141.4	79.9	82.3	81.9
St. Joseph	2.0	2.1	2.2	7.8	7.7	7.8	5.4	5.6	5.6
St. Louis	60.0	60.3	60.2	234.0	237.0	236.7	129.5	130.9	130.0
Springfield	3.8	3.8	3.9	21.6	21.2	21.5	10.3	10.4	10.3
Montana	13.3	13.0	13.0	58.6	61.8	61.5	61.5	64.1	64.5
Nebraska	42.1	43.2	43.4	126.5	130.0	130.6	127.6	132.4	132.2
Lincoln	7.1	7.3	7.3	16.4	19.2	19.2	26.6	26.7	27.4
Omaha	24.4	25.3	25.3	65.2	67.1	67.4	41.2	43.2	43.1
Nevada	19.2	19.2	19.1	184.6	188.1	188.2	54.5	56.3	56.4
Las Vegas	11.0	11.1	11.2	113.0	114.1	114.2	25.4	26.1	26.0
Reno	6.3	6.1	6.0	45.8	47.3	47.2	15.3	16.0	16.1
New Hampshire	22.0	23.3	23.5	93.0	99.3	99.7	52.0	51.9	51.4
Manchester	6.4	6.5	6.6	18.7	19.1	19.2	8.2	8.3	8.3
Nashua	2.3	2.5	2.6	12.2	12.8	12.9	4.9	4.9	4.8
New Jersey	176.0	180.8	180.7	716.3	736.6	735.8	524.6	531.4	522.8
Atlantic City	5.0	5.0	5.0	51.0	57.6	57.2	17.4	17.4	17.4
Camden	18.7	19.2	18.9	78.2	77.3	77.7	69.6	69.1	67.9
Hackensack	20.3	21.3	21.2	84.4	87.2	86.9	41.8	42.0	41.1
Jersey City	8.4	8.9	8.8	33.8	33.3	33.3	43.1	43.5	43.4
Long Branch-Asbury Park	8.5	8.7	8.6	49.2	53.3	53.2	37.0	38.5	38.8
New Brunswick-Perth Amboy-Sayreville	14.3	14.9	14.8	49.6	50.7	50.8	48.2	48.3	47.6
Newark	69.4	71.1	71.3	221.0	232.0	231.9	145.5	145.5	143.6
Paterson-Clifton-Passaic	9.7	9.1	9.1	36.0	37.4	37.5	25.6	26.6	26.0
Trenton	8.1	8.1	8.1	44.1	47.0	46.8	46.9	46.3	46.1
Vineland-Millville-Bridgeton	2.7	2.7	2.7	9.3	9.3	9.3	10.7	10.6	10.5
New Mexico	23.8	24.8	24.7	103.1	107.8	107.5	122.3	121.9	122.4
Albuquerque	12.0	12.8	12.5	50.7	53.8	53.6	42.3	43.3	43.3
Las Cruces	1.3	1.4	1.4	4.5	4.8	4.7	13.0	10.8	10.9

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	Total			Mining			Construction		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
New York	7,266.8	7,500.2	7,467.2	7.4	7.7	7.8	248.1	255.8	260.6
Albany-Schenectady-Troy	338.5	347.3	350.6	(¹)	(¹)	(¹)	12.3	13.6	13.7
Binghamton	115.8	119.5	120.4	(¹)	(¹)	(¹)	4.6	5.3	5.5
Buffalo	463.6	469.3	469.0	(¹)	(¹)	(¹)	16.7	15.9	16.4
Elmira	34.0	35.0	35.1	(¹)	(¹)	(¹)	1.2	1.2	1.2
Glens Falls	42.1	43.3	43.3	(¹)	(¹)	(¹)	1.2	1.2	1.3
Monroe County	336.9	341.9	341.5	(¹)	(¹)	(¹)	10.6	10.9	11.5
Nassau-Suffolk	981.0	1,022.2	1,020.4	(¹)	(¹)	(¹)	43.3	46.4	46.5
Newburgh-Middletown	83.0	84.6	84.7	(¹)	(¹)	(¹)	2.7	3.0	3.0
New York-Northeastern New Jersey	6,833.9	7,072.1	(¹)	2.5	2.3	(¹)	224.8	236.5	(¹)
New York and Nassau-Suffolk	4,759.3	4,930.6	4,890.0	2.2	2.2	2.3	155.7	162.0	163.1
New York SMSA	3,778.3	3,908.5	3,869.7	2.0	2.0	2.1	112.3	115.6	116.6
New York City	3,320.5	3,432.8	3,395.6	1.7	1.7	1.8	90.0	92.9	93.5
Poughkeepsie	106.2	109.7	109.4	(¹)	(¹)	(¹)	4.0	4.2	4.2
Rochester	414.3	423.2	423.3	(¹)	(¹)	(¹)	13.0	13.8	14.4
Rockland County	87.0	89.0	88.5	(¹)	(¹)	(¹)	3.2	3.3	3.4
Syracuse	261.7	268.9	268.2	(¹)	(¹)	(¹)	14.6	15.4	15.6
Utica-Rome	111.7	115.4	116.4	(¹)	(¹)	(¹)	3.2	3.7	3.8
Westchester County	356.8	373.0	371.4	(¹)	(¹)	(¹)	18.3	18.7	19.1
North Carolina	2,384.9	2,442.1	2,463.4	4.5	4.5	4.6	118.3	125.9	126.3
Asheville	71.6	72.3	72.4	(¹)	(¹)	(¹)	2.8	2.8	2.9
Charlotte-Gastonia	340.8	349.9	352.8	(¹)	(¹)	(¹)	18.3	19.2	19.3
Greensboro-Winston-Salem-High Point	385.6	396.3	396.8	(¹)	(¹)	(¹)	18.2	19.5	19.3
Raleigh-Durham	289.1	299.4	302.6	(¹)	(¹)	(¹)	17.4	18.4	18.7
North Dakota	250.1	252.0	251.5	6.8	8.3	8.3	21.5	17.4	17.6
Fargo-Moorhead	59.9	61.2	61.0	(¹)	(¹)	(¹)	3.5	3.2	3.3
Ohio	4,074.0	4,174.9	4,173.9	27.4	28.3	28.1	142.2	144.0	145.1
Akron	244.3	250.6	250.3	(¹)	(¹)	(¹)	8.0	8.1	8.3
Canton	143.9	147.9	148.3	(¹)	(¹)	(¹)	4.8	5.4	5.4
Cincinnati	571.8	588.4	588.5	(¹)	(¹)	(¹)	21.4	21.7	22.2
Cleveland	825.5	834.0	831.5	(¹)	(¹)	(¹)	27.6	26.0	25.8
Columbus	496.3	512.2	513.0	(¹)	(¹)	(¹)	16.6	17.4	17.6
Dayton	331.4	342.9	343.0	(¹)	(¹)	(¹)	10.0	10.2	10.2
Toledo	277.5	287.4	287.6	(¹)	(¹)	(¹)	10.8	10.4	10.4
Youngstown-Warren	177.3	181.7	181.1	(¹)	(¹)	(¹)	5.5	5.4	5.5
Oklahoma	1,163.3	1,181.0	1,181.5	76.3	73.7	74.4	53.8	48.5	48.2
Enid	26.9	25.9	25.8	2.2	2.0	2.0	1.3	1.2	1.2
Lawton	32.0	33.0	31.9	(¹)	(¹)	(¹)	1.5	1.3	1.1
Oklahoma City	418.7	435.1	434.7	22.8	24.2	23.9	20.2	19.2	19.1
Tulsa	300.4	307.0	307.9	22.7	22.8	22.9	15.2	15.1	15.1
Oregon	965.4	986.7	995.7	1.9	2.3	2.3	29.9	30.3	31.5
Eugene-Springfield	91.0	92.6	93.1	.3	.3	.3	3.1	3.1	3.3
Medford	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Portland	514.0	530.1	531.6	.7	.7	.7	17.2	17.9	19.0
Salem	86.4	82.8	88.1	.1	.1	.1	2.6	2.5	2.6
Pennsylvania	4,525.4	4,625.5	4,629.3	40.1	40.5	39.1	186.2	189.2	190.8
Allentown-Bethlehem-Easton	252.5	256.4	256.7	.7	.8	.7	8.2	8.2	8.5
Altoona	45.4	47.4	48.0	.1	.2	.2	1.9	1.7	1.7
Delaware Valley	1,551.1	1,606.6	1,602.6	1.0	1.1	1.1	62.0	64.2	64.2
Erie	104.6	106.4	106.2	.2	.3	.3	3.1	3.1	3.2
Harrisburg	226.5	231.7	232.7	.1	.1	.1	8.2	8.5	8.5
Johnstown	74.3	75.3	75.8	6.1	6.4	6.2	2.3	2.6	2.7
Lancaster	152.5	155.9	156.4	.4	.4	.4	6.6	6.8	6.8
Northeast Pennsylvania	235.5	236.1	237.7	.8	.7	.7	11.1	8.7	8.6
Philadelphia SMSA	1,912.1	1,971.2	1,966.8	1.1	1.2	1.2	75.9	78.9	79.0
Philadelphia City	743.8	761.7	762.2	(¹)	(¹)	(¹)	18.2	18.7	19.2
Pittsburgh	857.8	865.4	857.9	6.7	6.6	6.6	41.7	42.7	43.9
Reading	136.2	139.7	140.1	.2	.2	.2	4.8	5.4	5.7
Sharon	39.7	39.7	40.2	.4	.5	.5	1.0	.9	1.0
State College	45.4	45.7	46.8	.4	.3	.3	1.5	1.6	1.5
Williamsport	42.9	45.4	45.5	.2	.2	.2	1.1	1.2	1.2
York	149.5	153.0	154.4	.4	.4	.4	6.1	6.2	6.2

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		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
New York	1,305.2	1,310.2	1,328.5	350.8	405.3	404.2	1,495.7	1,546.7	1,545.1
Albany-Schenectady-Troy	57.2	50.4	50.9	12.9	15.8	15.5	70.3	73.6	74.3
Binghamton	41.8	42.2	42.6	4.1	4.5	4.5	21.6	22.4	22.8
Buffalo	103.1	102.3	102.0	22.0	24.7	24.7	111.0	111.2	111.4
Elmira	8.1	8.3	8.4	1.1	1.4	1.4	8.6	9.1	9.1
Glens Falls	9.8	9.9	9.8	1.2	1.4	1.4	9.4	9.9	9.9
Monroe County	125.7	126.5	126.6	10.1	10.0	10.0	64.9	65.8	66.0
Nassau-Suffolk	168.8	171.4	171.9	36.1	41.3	41.1	260.4	273.7	275.0
Newburgh-Middletown	14.3	14.5	14.5	5.0	5.0	5.1	20.1	20.5	20.6
New York-Northeastern New Jersey	1,217.1	1,218.4	(¹)	402.8	458.7	(¹)	1,446.1	1,503.9	(¹)
New York and Nassau-Suffolk	688.2	682.0	693.9	254.0	299.5	298.9	970.1	1,008.9	1,008.2
New York SMSA	519.4	510.6	522.1	217.9	258.2	257.7	709.7	735.3	733.2
New York City	434.6	425.7	437.4	201.9	234.7	234.3	600.8	623.1	621.2
Poughkeepsie	34.1	35.2	35.1	2.8	3.3	3.3	17.5	18.0	18.1
Rochester	146.1	147.3	148.0	12.6	12.7	12.7	83.2	84.6	84.7
Rockland County	15.5	16.1	15.6	3.3	3.5	3.5	19.2	19.6	19.6
Syracuse	56.1	57.5	57.5	13.6	15.3	15.1	58.8	59.9	60.0
Utica-Rome	26.6	27.7	28.9	3.5	4.2	4.2	23.1	24.0	24.0
Westchester County	67.9	67.5	67.6	12.2	19.4	19.3	86.2	88.9	88.7
North Carolina	796.0	806.9	814.4	115.4	121.5	123.1	512.7	530.1	534.7
Asheville	20.9	21.0	21.0	3.1	3.8	3.6	15.7	16.1	16.0
Charlotte-Gastonia	90.7	92.2	93.7	30.3	32.1	32.3	85.4	86.3	86.7
Greensboro-Winston-Salem-High Point	141.9	148.1	148.3	20.1	21.8	21.7	81.1	84.1	84.9
Raleigh-Durham	49.1	52.1	51.9	13.8	14.8	14.9	57.1	59.1	59.7
North Dakota	14.7	15.4	15.5	15.3	16.3	16.3	66.8	66.5	66.7
Fargo-Moorhead	4.4	4.7	4.8	3.5	3.6	3.8	18.7	18.9	18.9
Ohio	1,074.7	1,117.1	1,120.4	184.6	200.1	200.4	933.7	942.2	944.0
Akron	65.6	67.8	67.6	11.8	12.8	12.6	57.4	57.9	58.1
Canton	44.1	45.4	45.8	5.6	5.9	5.9	33.5	34.1	34.2
Cincinnati	141.8	145.6	146.1	28.9	31.1	31.1	140.2	141.9	141.7
Cleveland	206.5	209.4	209.0	36.9	41.8	41.9	192.9	193.0	192.4
Columbus	84.3	88.3	88.9	20.1	23.4	23.3	122.0	125.4	126.5
Dayton	86.1	91.3	91.4	11.8	13.0	13.0	72.1	73.1	73.4
Toledo	70.0	75.0	75.7	16.8	17.8	17.7	64.2	64.4	64.6
Youngstown-Warren	53.1	55.6	55.1	7.1	7.5	7.6	42.0	41.9	42.0
Oklahoma	166.4	175.0	177.5	62.3	66.5	66.4	286.9	291.6	292.9
Enid	2.5	2.0	2.0	2.8	2.7	2.7	7.6	7.6	7.6
Lawton	3.4	3.5	3.5	1.5	1.5	1.5	8.4	8.4	8.4
Oklahoma City	49.9	53.8	54.0	17.6	23.4	23.4	107.6	112.3	113.2
Tulsa	53.2	55.3	55.7	20.4	22.7	22.6	71.5	72.5	72.8
Oregon	197.0	199.9	207.8	50.7	55.8	55.5	247.6	252.2	253.9
Eugene-Springfield	18.9	19.1	19.6	3.9	4.1	4.1	23.8	24.0	24.1
Medford	8.3	8.9	8.8	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Portland	95.4	102.6	103.8	30.2	34.9	34.8	139.0	142.4	142.6
Salem	18.0	13.8	17.9	2.4	2.6	2.6	18.6	18.9	19.0
Pennsylvania	1,101.4	1,118.2	1,122.4	221.3	241.5	243.1	1,003.4	1,014.7	1,015.9
Allentown-Bethlehem-Easton	89.3	90.3	90.0	12.8	13.6	14.0	51.6	52.4	52.2
Altoona	10.7	11.2	11.4	4.1	5.0	5.1	10.8	11.2	11.4
Delaware Valley	316.5	322.7	322.5	68.1	80.4	80.4	338.9	349.7	350.3
Erie	34.4	35.6	35.4	4.4	4.3	4.3	22.0	22.6	22.8
Harrisburg	41.1	43.1	43.5	15.5	16.1	16.1	48.1	48.5	48.7
Johnstown	12.9	12.3	12.6	4.4	4.4	4.4	15.3	15.7	15.9
Lancaster	56.3	57.7	58.1	5.8	6.2	6.3	36.2	37.1	37.3
Northeast Pennsylvania	61.4	62.4	63.8	11.8	12.6	12.6	51.8	52.1	52.5
Philadelphia SMSA	387.3	394.4	393.8	82.6	96.8	96.9	435.3	446.1	447.3
Philadelphia City	108.0	109.6	109.6	43.4	48.9	49.0	141.9	144.7	144.6
Pittsburgh	167.1	160.5	158.2	46.7	52.9	53.1	208.3	209.2	208.6
Reading	50.2	51.3	51.3	5.2	5.5	5.5	28.9	30.2	30.5
Sharon	10.6	11.1	11.1	2.1	2.0	2.1	9.4	9.3	9.6
State College	7.2	7.7	7.7	1.0	1.3	1.3	8.8	8.6	8.8
Williamsport	13.8	15.0	14.9	1.8	2.0	2.0	9.6	9.7	9.7
York	56.7	58.1	59.8	7.0	7.0	7.0	34.5	36.1	36.3

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	Finance, insurance, and real estate			Services			Government		
	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p
New York	696.3	712.9	713.5	1,886.5	1,951.4	1,912.9	1,276.7	1,310.2	1,294.7
Albany-Schenectady-Troy	17.2	17.3	17.5	81.0	81.5	82.9	93.7	95.1	95.7
Binghamton	3.9	4.0	4.0	20.7	21.5	21.3	19.2	19.6	19.7
Buffalo	22.9	23.6	23.5	105.4	106.4	106.9	82.5	85.1	84.0
Elmira	1.2	1.2	1.2	7.2	7.6	7.5	6.5	6.3	6.4
Glens Falls	2.0	1.9	1.9	10.8	11.1	11.2	7.7	7.9	7.8
Monroe County	15.6	16.0	15.8	73.6	75.4	75.2	36.4	37.2	36.4
Nassau-Suffolk	58.4	59.6	59.6	247.6	259.3	258.5	166.4	170.4	167.7
Newburgh-Middletown	3.3	3.4	3.4	18.2	18.3	18.6	19.4	19.8	19.5
New York-Northeastern New Jersey	705.4	722.3	(^q)	1,758.8	1,827.1	(^q)	1,076.3	1,102.9	(^q)
New York and Nassau-Suffolk	583.3	597.2	597.7	1,333.7	1,385.6	1,344.7	772.1	793.3	781.2
New York SMSA	524.9	537.5	538.1	1,086.4	1,126.4	1,086.4	605.7	622.8	613.5
New York City	498.8	511.0	511.7	961.5	995.9	956.5	531.2	547.6	539.2
Poughkeepsie	3.2	3.4	3.5	22.0	22.1	22.0	22.6	23.4	23.2
Rochester	17.4	17.7	17.6	86.5	89.1	88.9	55.5	58.1	57.1
Rockland County	3.5	3.5	3.5	22.0	22.6	22.8	20.2	20.4	20.0
Syracuse	17.7	17.9	18.0	54.3	56.1	55.9	46.5	46.8	46.1
Utica-Rome	6.0	6.2	6.2	21.6	21.6	21.5	27.7	28.0	27.7
Westchester County	22.1	22.4	22.4	99.0	104.4	103.2	51.1	51.8	51.1
North Carolina	102.1	105.0	105.1	371.1	379.8	380.1	364.8	368.4	375.1
Asheville	2.3	2.5	2.5	16.2	16.3	16.3	10.6	10.0	10.1
Charlotte-Gastonia	23.7	23.9	24.0	59.8	61.4	61.3	32.6	34.8	35.5
Greensboro-Winston-Salem-High Point	19.1	19.4	19.5	63.8	64.1	63.7	41.4	39.3	39.4
Raleigh-Durham	16.5	17.3	17.3	63.3	64.1	64.1	71.9	73.6	76.0
North Dakota	12.0	12.2	12.2	55.8	57.0	56.9	57.2	58.9	58.0
Fargo-Moorhead	3.9	4.0	4.1	15.3	15.8	15.7	10.6	11.0	10.6
Ohio	212.3	215.6	215.8	883.0	906.4	905.5	616.2	621.2	614.7
Akron	9.4	9.6	9.7	55.0	57.3	57.4	36.3	36.5	36.0
Canton	6.5	6.8	6.8	31.0	31.9	31.8	17.3	17.2	17.2
Cincinnati	32.9	33.8	33.8	131.9	136.1	138.0	74.2	75.8	75.2
Cleveland	49.6	48.5	48.4	195.8	200.5	200.8	115.2	113.5	111.8
Columbus	44.0	45.8	45.9	112.8	117.1	116.9	96.0	94.3	93.3
Dayton	14.0	14.3	14.3	75.5	77.6	77.7	61.6	63.1	62.6
Toledo	10.8	11.1	11.0	64.5	66.5	66.3	39.9	41.9	41.3
Youngstown-Warren	7.3	7.4	7.4	39.6	40.8	40.6	22.1	22.3	22.3
Oklahoma	63.3	64.2	64.6	220.9	223.4	223.9	233.4	238.1	233.6
Enid	1.3	1.3	1.3	5.5	5.5	5.5	3.7	3.6	3.5
Lawton	1.4	1.4	1.4	5.8	5.9	5.8	10.0	11.0	10.2
Oklahoma City	27.6	28.2	28.3	81.9	84.8	84.7	91.1	89.2	88.1
Tulsa	16.6	17.2	17.3	66.8	67.3	67.4	34.0	34.1	34.1
Oregon	66.1	67.1	67.2	195.8	201.3	201.1	176.4	177.8	176.4
Eugene-Springfield	4.6	4.5	4.5	19.0	19.1	19.1	17.4	18.4	18.1
Medford	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Portland	44.0	43.6	43.6	112.3	113.3	113.8	75.2	74.7	73.3
Salem	5.2	5.3	5.3	14.8	15.1	15.2	24.7	24.5	25.4
Pennsylvania	245.6	255.2	257.0	1,075.7	1,106.8	1,105.7	651.7	659.4	655.3
Allentown-Bethlehem-Easton	9.9	10.2	10.3	51.7	53.4	53.6	28.3	27.5	27.4
Altoona	1.5	1.5	1.5	9.1	9.5	9.4	7.2	7.1	7.3
Delaware Valley	110.5	116.6	116.8	434.9	445.6	443.5	219.2	226.3	223.8
Erie	4.8	4.7	4.8	23.7	24.0	23.8	12.0	11.8	11.6
Harrisburg	13.1	13.8	13.9	45.9	46.1	46.4	54.5	55.5	55.5
Johnstown	3.9	4.2	4.2	16.8	17.2	17.2	12.6	12.5	12.6
Lancaster	5.8	5.8	5.8	28.4	28.5	28.5	13.0	13.4	13.2
Northeast Pennsylvania	10.1	10.3	10.4	53.3	54.0	54.1	35.2	35.3	35.0
Philadelphia SMSA	129.3	135.8	135.7	512.0	522.9	521.2	288.6	295.1	291.7
Philadelphia City	64.3	65.0	65.2	224.7	226.8	226.8	143.3	148.0	147.8
Pittsburgh	49.0	50.3	50.4	229.8	234.1	232.4	108.5	109.1	104.7
Reading	6.4	6.6	6.7	26.1	26.2	26.1	14.4	14.3	14.1
Sharon	1.4	1.4	1.4	9.8	9.8	9.8	5.0	4.7	4.7
State College	1.5	1.6	1.5	6.9	7.5	7.5	18.1	17.1	18.2
Williamsport	2.1	2.2	2.2	8.9	9.0	9.1	5.4	6.1	6.2
York	4.2	4.5	4.4	23.9	23.9	23.8	16.7	16.8	16.5

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	Total			Mining			Construction		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Rhode Island	394.1	400.0	404.4	0.1	0.1	0.1	12.6	13.6	13.6
Providence-Warwick-Pawtucket	396.2	400.5	404.8	.2	.2	.2	12.3	13.2	13.2
South Carolina	1,176.4	1,238.7	1,234.4	1.7	1.7	1.8	74.2	74.4	72.9
Charleston-North Charleston	152.4	161.6	160.3	(¹)	(¹)	(¹)	10.0	10.7	10.7
Columbia	187.0	192.0	192.6	(¹)	(¹)	(¹)	12.1	12.6	12.7
Greenville-Spartanburg	260.4	265.5	262.7	(¹)	(¹)	(¹)	16.9	16.6	16.7
South Dakota	235.7	240.7	239.5	2.7	2.7	2.8	10.2	10.1	10.0
Sioux Falls	55.9	59.6	60.0	(¹)	(¹)	(¹)	2.6	2.9	2.9
Tennessee	1,727.8	1,817.5	1,814.3	8.0	7.9	7.9	73.5	84.2	82.8
Chattanooga	162.6	168.7	169.2	1.2	1.2	1.2	6.1	7.2	7.0
Johnson City-Kingsport-Bristol	144.5	151.7	152.9	.3	.2	.2	7.3	9.2	9.2
Knoxville	200.6	203.2	203.8	1.3	1.3	1.3	8.6	9.7	9.9
Memphis	353.4	358.8	358.5	.1	.1	.1	14.3	14.6	14.8
Nashville-Davidson	375.3	392.6	392.1	(¹)	(¹)	(¹)	18.9	23.4	22.9
Texas	6,126.6	6,337.6	6,345.4	259.6	271.1	270.7	428.8	410.4	410.6
Abilene	56.9	57.0	57.0	4.2	4.0	4.0	3.2	3.1	3.2
Amarillo	76.3	79.5	79.4	(¹)	(¹)	(¹)	4.1	4.2	4.0
Austin	274.9	294.7	296.7	(¹)	(¹)	(¹)	17.4	20.6	21.1
Beaumont-Port Arthur-Orange	138.3	142.0	141.3	(¹)	(¹)	(¹)	9.8	9.3	9.5
Brownsville-Harlingen-San Benito	60.5	61.8	62.2	(¹)	(¹)	(¹)	3.4	3.3	3.2
Bryan-College Station	43.0	44.4	44.7	1.1	1.1	1.1	3.0	3.4	3.3
Corpus Christi	127.6	129.0	129.4	7.2	7.4	7.5	9.9	9.7	9.8
Dallas-Fort Worth	1,575.6	1,658.4	1,663.4	28.8	28.3	28.2	99.2	104.7	105.5
El Paso	161.5	168.1	166.9	(¹)	(¹)	(¹)	8.8	9.4	9.5
Galveston-Texas City	66.0	68.6	68.2	(¹)	(¹)	(¹)	3.9	4.5	4.5
Houston	1,487.4	1,520.5	1,519.0	98.3	100.5	100.8	138.2	128.0	125.6
Killeen-Temple	60.5	63.6	63.9	(¹)	(¹)	(¹)	3.6	4.0	4.0
Laredo	28.5	30.5	30.4	(¹)	(¹)	(¹)	1.4	1.2	1.2
Longview-Marshall	66.7	67.2	67.4	(¹)	(¹)	(¹)	5.0	4.8	4.8
Lubbock	88.6	90.2	90.2	(¹)	(¹)	(¹)	4.6	4.4	4.3
McAllen-Pharr-Edinburg	74.3	75.4	76.1	1.4	1.4	1.4	5.2	5.1	5.1
Midland	49.9	58.0	57.2	12.1	13.4	12.9	3.5	3.7	3.3
Odessa	54.4	59.8	60.0	8.7	8.8	8.5	4.0	4.5	4.6
San Angelo	37.0	37.8	37.6	1.0	.8	.8	2.5	2.5	2.5
San Antonio	432.6	455.6	455.5	3.5	3.5	3.6	31.7	33.0	33.6
Sherman-Denison	34.4	34.9	35.0	.2	.2	.2	1.3	1.3	1.3
Texarkana	45.9	47.5	47.5	.1	.1	.1	2.1	2.3	2.2
Tyler	58.4	58.2	58.5	3.0	2.8	2.9	2.6	2.5	2.4
Waco	73.3	76.7	75.8	(¹)	(¹)	(¹)	4.2	4.4	4.4
Wichita Falls	52.2	53.5	53.3	3.2	3.2	3.2	2.0	2.1	2.0
Utah	567.4	595.8	598.5	14.1	12.2	12.4	32.7	35.7	36.5
Salt Lake City-Ogden	403.6	425.5	427.0	6.0	4.4	4.4	21.7	24.3	24.7
Vermont	205.5	209.5	210.3	.7	.6	.6	13.0	13.5	13.9
Burlington	61.5	63.6	63.8	(¹)	(¹)	(¹)	3.9	4.3	4.4
Springfield	13.0	13.6	13.7	(¹)	(¹)	(¹)	1.4	1.5	1.6
Virginia	2,199.6	2,265.6	2,291.7	17.9	19.5	18.9	121.9	135.5	135.1
Bristol	26.3	27.3	27.7	.1	.1	.1	1.0	1.4	1.5
Charlottesville	55.8	58.1	55.8	.1	.1	.1	3.1	3.1	3.2
Danville	39.3	39.4	39.7	.1	.1	.1	1.5	1.7	1.7
Lynchburg	69.4	70.9	71.1	.1	.1	.1	2.8	2.9	2.8
Newport News-Hampton	161.5	170.4	170.0	.1	.1	.1	7.2	8.7	8.6
Norfolk-Virginia Beach-Portsmouth	304.9	321.1	320.2	.1	.1	.1	20.1	22.8	22.6
Northern Virginia	506.9	536.0	541.9	.6	.6	.6	30.3	34.6	35.2
Petersburg-Colonial Heights-Hopewell	41.0	39.8	39.9	.1	.1	.1	1.9	1.9	1.9
Richmond	329.1	340.1	340.5	.3	.4	.4	17.0	17.9	17.7
Roanoke	103.1	107.2	107.1	.1	.1	.1	5.6	6.0	6.1
Washington	1,578.4	1,636.9	1,643.7	2.8	2.8	2.8	78.1	79.1	80.7
Seattle-Everett	763.8	799.4	804.7	.4	.4	.4	36.9	38.4	38.6

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		
	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p
Rhode Island	117.3	117.2	121.5	10.8	13.2	13.2	84.2	84.8	85.0
Providence-Warwick-Pawtucket	126.9	125.6	129.9	10.9	13.3	13.4	84.1	84.5	84.6
South Carolina	366.6	372.7	374.5	51.8	56.9	57.2	244.4	255.1	255.7
Charleston-North Charleston	19.1	20.1	20.3	8.0	8.9	9.0	36.6	38.8	39.1
Columbia	25.5	26.6	26.9	8.4	8.7	8.6	39.8	41.5	41.7
Greenville-Spartanburg	98.6	99.3	99.2	8.6	9.4	9.5	54.5	55.5	55.3
South Dakota	26.5	28.0	28.7	11.4	12.2	12.2	64.5	65.8	65.7
Sioux Falls	8.4	8.7	8.9	3.9	4.7	4.7	15.7	16.9	16.9
Tennessee	476.9	494.8	500.2	82.0	92.5	92.2	393.6	414.5	415.7
Chattanooga	43.7	43.6	44.6	7.2	7.3	7.3	37.0	38.6	38.2
Johnson City-Kingsport-Bristol	52.1	54.2	54.8	5.7	5.7	5.6	28.9	28.9	29.2
Knoxville	48.5	50.9	51.0	7.6	6.8	6.8	46.8	47.6	48.0
Memphis	51.4	52.2	52.1	26.6	29.7	29.6	98.5	99.7	100.0
Nashville-Davidson	81.7	87.1	87.5	20.1	19.0	19.1	87.9	90.1	90.4
Texas	957.0	992.7	995.6	332.5	383.0	384.0	1,564.7	1,596.4	1,602.4
Abilene	6.5	5.9	5.9	3.0	3.2	3.1	15.0	14.9	15.0
Amarillo	9.5	9.9	9.6	5.9	6.7	6.7	23.3	24.0	24.3
Austin	33.4	35.7	36.1	6.0	8.2	8.1	63.8	68.0	68.4
Beaumont-Port Arthur-Orange	32.2	31.7	31.7	10.9	12.0	11.8	33.1	34.4	34.1
Brownsville-Harlingen-San Benito	11.1	10.9	10.9	2.9	3.2	3.3	17.3	17.2	17.3
Bryan-College Station	3.1	3.1	3.2	1.7	1.8	1.9	10.1	9.8	9.9
Corpus Christi	14.3	14.9	14.8	6.4	7.3	7.4	32.9	32.9	33.0
Dallas-Fort Worth	309.2	321.2	321.7	87.1	101.2	100.7	429.7	445.7	448.5
El Paso	36.1	37.6	39.0	9.2	9.7	9.8	40.1	40.9	40.9
Galveston-Texas City	10.5	10.0	10.0	5.9	5.9	5.7	13.0	12.8	12.5
Houston	199.1	199.0	199.1	100.5	106.1	106.6	361.2	371.7	372.2
Killeen-Temple	8.6	8.9	9.0	3.0	3.3	3.3	14.4	15.2	15.1
Laredo	1.7	1.8	1.8	3.0	3.2	3.2	8.9	9.3	9.3
Longview-Marshall	14.9	14.9	14.9	3.3	3.7	3.7	16.9	17.1	17.2
Lubbock	11.1	9.4	9.5	3.8	4.6	4.5	25.8	27.1	26.9
McAllen-Pharr-Edinburg	9.6	9.9	9.8	2.3	2.6	2.6	23.2	24.1	24.2
Midland	3.5	4.0	3.9	2.3	2.9	3.0	11.9	14.1	14.2
Odessa	6.2	5.8	5.8	2.4	3.0	3.0	15.6	18.4	18.6
San Angelo	5.6	5.5	5.4	3.8	3.7	3.7	9.0	9.4	9.5
San Antonio	49.9	51.5	51.5	14.7	18.9	19.0	113.2	119.6	120.6
Sherman-Denison	11.2	11.9	12.0	2.1	2.1	2.1	7.1	7.0	7.1
Texarkana	8.7	9.4	9.5	2.1	1.9	1.9	10.8	11.0	10.9
Tyler	11.6	12.2	12.4	2.5	3.0	3.0	14.5	14.8	14.8
Waco	15.4	16.4	16.4	2.8	3.4	3.3	18.6	19.6	19.6
Wichita Falls	9.1	9.9	9.9	2.7	2.9	2.9	13.2	13.6	13.6
Utah	87.4	95.1	96.0	34.3	36.6	36.8	134.7	141.9	142.4
Salt Lake City-Ogden	59.8	64.8	65.3	28.4	28.3	28.3	99.8	105.4	106.1
Vermont	48.3	48.6	48.5	7.8	9.2	9.3	44.1	44.9	45.5
Burlington	15.7	16.0	16.1	2.4	2.6	2.6	13.1	13.3	13.5
Springfield	4.0	4.1	4.1	.6	.6	.6	2.4	2.4	2.4
Virginia	403.4	411.8	413.7	109.6	126.2	126.4	482.1	512.0	510.1
Bristol	8.6	9.3	9.7	1.1	1.1	1.1	6.8	6.5	6.6
Charlottesville	10.5	10.4	10.3	1.9	1.9	1.9	9.7	10.0	9.9
Danville	18.7	18.5	18.4	1.0	1.1	1.0	7.5	7.4	7.7
Lynchburg	26.7	27.6	27.8	2.7	3.1	3.1	12.4	12.5	12.5
Newport News-Hampton	39.4	40.2	40.2	4.2	4.9	5.0	32.3	35.8	35.5
Norfolk-Virginia Beach-Portsmouth	25.9	28.4	28.5	18.4	20.0	20.2	76.9	83.5	82.7
Northern Virginia	24.9	28.1	28.1	32.8	37.4	37.4	116.5	123.5	123.5
Petersburg-Colonial Heights-Hopewell	7.9	7.0	7.0	1.1	1.2	1.2	8.2	8.5	8.6
Richmond	53.9	55.9	56.4	16.2	20.3	20.2	81.8	84.0	83.8
Roanoke	19.6	20.3	20.4	7.6	8.5	8.4	26.2	28.4	28.4
Washington	279.2	286.8	290.3	85.0	93.6	93.8	402.5	414.9	416.4
Seattle-Everett	145.8	153.0	155.2	50.3	55.1	55.4	195.0	202.6	203.3

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	Finance, insurance, and real estate			Services			Government		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Rhode Island	21.5	21.8	21.9	93.1	94.0	94.0	54.5	55.3	55.1
Providence-Warwick-Pawtucket	20.9	21.2	21.3	89.4	90.2	90.3	51.5	52.3	51.9
South Carolina	52.5	54.4	54.3	179.2	194.1	193.2	206.0	229.4	224.8
Charleston-North Charleston	7.6	8.0	8.0	27.4	28.3	27.8	43.6	46.7	45.3
Columbia	15.1	15.4	15.2	31.6	31.7	32.1	54.2	55.2	55.1
Greenville-Spartanburg	10.7	10.9	10.8	38.9	39.9	39.5	32.0	33.6	31.4
South Dakota	12.7	13.0	13.2	55.3	55.7	56.1	52.5	53.3	50.7
Sioux Falls	4.7	5.2	5.3	14.9	15.0	15.3	5.7	6.0	5.9
Tennessee	82.2	84.6	84.3	327.8	345.5	344.6	283.8	293.5	286.6
Chattanooga	9.8	10.0	10.2	29.5	29.9	29.7	28.1	30.9	31.0
Johnson City-Kingsport-Bristol	4.6	4.8	4.8	22.3	24.9	24.8	23.3	23.8	24.3
Knoxville	8.5	8.3	8.3	37.3	37.0	37.0	42.0	41.6	41.5
Memphis	20.7	21.5	21.4	81.3	82.4	82.2	60.5	58.6	58.3
Nashville-Davidson	27.0	28.9	28.8	79.4	85.7	84.9	60.3	58.4	58.5
Texas	396.0	406.4	406.2	1,183.4	1,230.5	1,230.4	1,004.6	1,047.1	1,045.5
Abilene	3.2	3.3	3.3	13.2	13.6	13.5	8.6	9.0	9.0
Amarillo	4.2	4.5	4.6	16.6	17.0	17.0	12.7	13.2	13.2
Austin	18.3	19.2	19.3	57.8	62.5	62.9	78.2	80.5	80.8
Beaumont-Port Arthur-Orange	5.6	5.7	5.7	28.7	30.1	30.0	18.0	18.8	18.5
Brownsville-Harlingen-San Benito	3.1	3.1	3.1	11.0	11.5	11.4	11.7	12.6	13.0
Bryan-College Station	1.8	1.9	1.9	6.3	6.7	6.8	15.9	16.6	16.6
Corpus Christi	6.5	6.7	6.6	24.2	24.0	24.1	26.2	26.1	26.2
Dallas-Fort Worth	129.5	139.4	140.1	318.9	339.2	339.7	173.2	178.7	179.0
El Paso	7.8	8.0	8.1	28.2	28.3	28.2	31.3	32.2	31.4
Galveston-Texas City	4.5	4.6	4.6	11.5	12.0	12.2	16.7	18.8	18.7
Houston	106.1	110.0	110.2	312.2	331.1	332.4	171.8	174.1	172.1
Killeen-Temple	2.3	2.5	2.6	10.9	11.3	11.5	17.7	18.4	18.4
Laredo	1.4	1.4	1.4	5.6	6.4	6.3	6.5	7.2	7.2
Longview-Marshall	2.9	2.7	2.9	16.1	15.9	15.8	7.6	8.1	8.1
Lubbock	5.2	5.4	5.4	18.8	19.5	19.6	19.3	19.8	20.0
McAllen-Pharr-Edinburg	3.2	3.3	3.3	11.1	11.4	11.5	18.3	17.6	18.2
Midland	3.7	4.0	4.1	8.3	10.2	10.1	4.6	5.7	5.7
Odessa	2.4	2.4	2.4	8.0	9.2	9.5	7.1	7.7	7.6
San Angelo	1.6	1.7	1.7	7.5	7.8	7.7	6.0	6.4	6.3
San Antonio	31.9	33.3	33.5	94.2	99.8	99.9	93.5	96.0	93.8
Sherman-Denison	1.3	1.3	1.3	6.4	6.3	6.2	4.8	4.8	4.8
Texarkana	1.7	1.8	1.7	8.3	8.7	8.8	12.1	12.3	12.4
Tyler	3.2	3.2	3.2	11.6	11.9	12.0	7.4	7.8	7.8
Waco	4.7	4.8	4.7	16.5	16.9	16.5	11.1	11.2	10.9
Wichita Falls	2.5	2.5	2.5	9.3	9.2	9.2	10.2	10.1	10.0
Utah	28.4	29.9	29.9	112.2	117.9	117.8	123.5	126.4	126.6
Salt Lake City-Ogden	23.4	24.6	24.6	77.9	82.5	82.5	86.8	91.3	91.2
Vermont	9.1	9.4	9.5	49.6	50.3	50.4	32.9	33.0	32.7
Burlington	2.7	2.7	2.7	14.3	15.2	15.1	9.4	9.5	9.4
Springfield .....	.3	.4	.4	2.9	3.1	3.1	1.4	1.5	1.5
Virginia	112.9	118.3	118.1	468.7	480.9	480.2	483.1	481.7	489.2
Bristol .....	.9	.9	.9	3.4	3.4	3.5	4.7	4.5	4.4
Charlottesville	2.8	3.0	3.1	9.4	9.4	9.4	18.3	18.3	18.0
Danville	1.1	1.2	1.3	5.1	5.1	5.2	4.4	4.4	4.4
Lynchburg	3.2	3.3	3.3	12.7	12.5	12.5	8.7	9.0	9.1
Newport News-Hampton	5.1	5.5	5.5	34.6	36.6	36.6	38.7	38.7	38.6
Norfolk-Virginia Beach-Portsmouth	15.8	16.8	16.9	67.8	72.5	72.7	80.0	77.1	76.6
Northern Virginia	31.5	33.2	33.0	149.7	158.3	158.4	120.7	120.3	125.7
Petersburg-Colonial Heights-Hopewell	1.2	1.2	1.2	7.0	7.1	7.1	13.7	12.8	12.8
Richmond	27.6	28.3	28.2	65.0	66.3	66.4	67.6	67.0	67.3
Roanoke	6.3	6.5	6.6	22.9	23.2	23.2	14.9	14.2	13.9
Washington	93.9	94.9	94.8	331.8	344.4	346.7	305.1	320.4	318.2
Seattle-Everett	58.6	59.3	59.3	162.2	172.4	173.4	114.6	118.2	119.1

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	Total			Mining			Construction		
	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p
West Virginia	589.3	593.2	595.9	49.3	51.9	51.4	24.3	23.2	23.7
Charleston	104.4	106.1	105.5	4.3	3.8	3.1	5.2	5.0	5.1
Huntington-Ashland	93.3	93.3	93.7	.7	.7	.7	4.6	4.3	4.4
Parkersburg-Marietta	56.2	56.6	57.4	1.2	1.2	1.2	2.7	2.6	2.6
Wheeling	58.9	58.1	57.9	3.2	3.2	3.2	2.2	2.0	2.1
Wisconsin	1,849.7	1,916.7	1,928.1	2.7	2.9	2.9	60.4	63.8	64.9
Appleton-Oshkosh	125.9	130.0	130.8	(¹)	(¹)	(¹)	4.8	5.9	6.0
Eau Claire	47.4	49.4	48.9	(¹)	(¹)	(¹)	1.6	1.4	1.3
Green Bay	79.7	82.1	83.4	(¹)	(¹)	(¹)	3.2	3.2	2.9
Janesville-Beloit	47.2	51.8	51.7	(¹)	(¹)	(¹)	1.1	1.4	1.4
Kenosha	42.2	41.3	41.8	(¹)	(¹)	(¹)	1.4	1.0	1.0
La Crosse	44.4	45.9	45.7	(¹)	(¹)	(¹)	1.4	1.2	1.3
Madison	172.6	176.6	178.2	(¹)	(¹)	(¹)	6.7	6.9	7.2
Milwaukee	606.2	632.7	632.9	(¹)	(¹)	(¹)	15.6	17.3	17.2
Racine	62.8	65.1	65.3	(¹)	(¹)	(¹)	1.2	1.3	1.3
Sheboygan	41.6	44.3	44.5	(¹)	(¹)	(¹)	1.5	2.5	2.6
Wausau	41.3	41.8	42.4	(¹)	(¹)	(¹)	1.5	1.3	1.6
Wyoming	204.1	210.8	211.1	29.0	26.9	27.2	18.6	22.3	23.2
Puerto Rico	629.5	658.0	651.1	.7	.7	.7	23.5	28.3	28.0
Caguas	25.2	25.2	24.5	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Mayaguez	36.6	36.8	36.6	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Ponce	41.8	43.8	42.6	(¹)	(¹)	(¹)	1.8	1.8	1.8
San Juan	324.2	337.8	336.5	(¹)	(¹)	(¹)	16.5	20.6	20.8
Virgin Islands	35.8	35.5	35.1	(¹)	(¹)	(¹)	2.5	2.2	2.3

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		
	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p
West Virginia	89.9	91.1	91.8	35.9	39.5	39.7	127.4	127.6	127.6
Charleston	13.9	13.6	13.5	7.3	9.0	9.0	25.8	26.8	26.7
Huntington-Ashland	19.2	19.9	20.0	7.6	8.4	8.3	23.3	23.0	23.1
Parkersburg-Marietta	14.5	14.9	15.5	1.9	2.1	2.1	13.5	13.6	13.6
Wheeling	8.7	8.4	8.5	3.3	3.5	3.5	14.9	14.8	14.7
Wisconsin	491.7	514.1	522.0	77.4	83.5	83.5	434.7	449.5	454.3
Appleton-Oshkosh	46.8	48.0	48.6	4.0	4.6	4.5	26.5	27.2	27.8
Eau Claire	9.1	9.4	9.2	2.3	2.6	2.7	13.2	14.1	14.1
Green Bay	22.3	22.7	23.4	5.6	6.0	6.0	21.2	22.5	22.8
Janesville-Beloit	15.4	19.1	19.1	1.9	2.1	2.1	12.0	12.6	12.6
Kenosha	17.2	17.4	17.8	1.0	1.1	1.1	8.0	8.0	8.0
La Crosse	10.2	10.6	10.5	2.1	2.2	2.2	12.2	12.3	12.5
Madison	19.8	20.0	20.3	5.1	5.8	5.9	38.6	39.1	39.8
Milwaukee	157.0	168.3	169.3	29.1	31.2	30.9	140.3	141.8	142.5
Racine	23.7	24.9	25.0	2.0	2.1	2.1	13.7	14.1	14.1
Sheboygan	17.6	18.9	19.2	1.2	1.3	1.3	7.9	7.9	7.9
Wausau	11.4	12.0	11.9	2.0	2.0	2.0	10.1	10.2	10.3
Wyoming	8.5	8.6	8.8	16.3	16.9	16.4	46.2	46.2	46.1
Puerto Rico	142.1	147.7	147.5	15.4	15.1	14.2	103.7	102.7	103.1
Caguas	8.1	7.8	7.8	(¹)	(¹)	(¹)	5.3	5.2	5.2
Mayaguez	13.7	13.8	14.0	(¹)	(¹)	(¹)	5.0	5.4	5.4
Ponce	8.3	9.3	9.4	(¹)	(¹)	(¹)	7.0	7.0	6.9
San Juan	31.1	31.8	31.9	11.7	11.8	11.5	65.7	65.4	65.2
Virgin Islands	2.5	2.3	2.3	2.2	2.2	2.1	6.9	6.9	6.7

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		
	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p
West Virginia	22.4	22.0	22.0	107.0	104.0	104.2	133.2	133.8	135.6
Charleston	5.2	5.4	5.4	21.6	21.4	21.4	21.1	21.2	21.3
Huntington-Ashland	3.6	3.5	3.5	15.3	15.4	15.5	18.9	18.1	18.1
Parkersburg-Marietta	2.0	2.1	2.1	11.1	10.6	10.6	9.3	9.6	9.7
Wheeling	2.7	2.6	2.6	14.4	14.2	14.1	9.4	9.4	9.2
Wisconsin	98.5	100.8	100.7	391.5	406.8	409.5	292.6	295.1	290.5
Appleton-Oshkosh	6.1	6.4	6.5	22.6	22.9	22.9	15.1	14.9	14.4
Eau Claire	1.7	1.8	1.8	10.5	10.9	10.8	8.9	9.2	8.9
Green Bay	2.6	2.7	2.7	15.9	15.9	16.2	8.9	9.2	9.3
Janesville-Beloit	1.4	1.4	1.4	9.4	9.4	9.4	6.0	5.8	5.7
Kenosha	1.0	1.0	1.0	7.9	7.5	7.6	5.6	5.3	5.2
La Crosse	1.4	1.4	1.4	11.8	12.4	12.3	5.3	5.8	5.5
Madison	13.5	13.5	13.6	34.5	36.0	36.4	54.4	55.3	55.2
Milwaukee	42.1	42.7	42.4	148.5	156.1	156.6	73.6	75.2	73.8
Racine	2.1	2.3	2.2	12.3	12.5	12.7	7.7	7.9	7.8
Sheboygan	1.8	1.8	1.8	6.7	6.8	6.8	4.9	5.0	4.9
Wausau	3.9	3.9	3.9	7.1	7.0	7.2	5.4	5.5	5.6
Wyoming	7.8	7.7	7.6	36.4	34.8	34.8	41.3	47.4	47.0
Puerto Rico	28.4	29.1	29.3	83.6	83.6	85.4	232.0	250.8	243.0
Caguas	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	8.4	8.7	8.2
Mayaguez	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	12.6	12.5	12.1
Ponce	(¹)	(¹)	(¹)	6.8	6.7	6.6	14.9	16.0	14.9
San Juan	21.6	22.0	22.1	57.3	57.2	57.9	120.0	128.8	126.8
Virgin Islands	1.4	1.4	1.4	5.7	5.6	5.5	14.6	14.9	14.8

- ¹ Combined with services.
- ² Not available.
- ³ Combined with construction.
- ⁴ Less than 50 employees.

^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 1983 benchmarks except Wisconsin.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

C-1. Average hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls by major industry, 1963 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									
1963	38.8	\$2.28	\$88.46	41.6	\$2.75	\$114.40	37.3	\$3.41	\$127.19
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	145.99	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	11.27	478.98	37.2	11.92	443.42
Monthly data, not seasonally adjusted									
1983:									
September	35.3	\$8.12	\$286.64	43.1	\$11.33	\$488.32	37.9	\$12.04	\$456.32
October	35.3	8.16	288.05	43.2	11.33	489.46	37.3	12.06	449.84
November	35.1	8.16	286.42	42.9	11.40	489.06	36.3	11.91	432.33
December	35.5	8.16	289.68	43.4	11.41	495.19	36.8	12.02	442.34
1984:									
January	35.0	8.26	289.10	43.3	11.54	499.68	36.3	12.08	438.50
February	35.0	8.24	288.40	42.9	11.49	492.92	37.0	11.99	443.63
March	35.0	8.24	288.40	42.8	11.60	496.48	36.7	11.97	439.30
April	35.3	8.29	292.64	43.0	11.62	499.66	37.5	11.95	448.13
May	35.2	8.28	291.46	43.2	11.56	499.39	38.2	11.99	458.02
June	35.5	8.29	294.30	43.7	11.57	505.61	38.6	11.94	460.88
July	35.6	8.32	296.19	43.0	11.57	497.51	38.6	11.97	462.04
August ^a	35.5	8.30	294.65	43.6	11.57	504.45	38.5	12.00	462.00
September ^b	35.5	8.43	299.27	43.9	11.65	511.44	38.7	12.12	469.04

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, 1963 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									
1963	40.5	\$2.45	\$2.37	\$99.23	(²)	(²)	(²)	40.6	\$2.45	\$99.47
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	8.51	354.08	39.0	10.80	421.20	38.5	8.54	328.79
	Monthly data, not seasonally adjusted									
1983:										
September	40.8	\$8.89	\$8.52	\$362.71	39.4	\$10.88	\$428.67	38.7	\$8.62	\$333.59
October	40.7	8.90	8.54	362.23	39.5	10.94	432.13	38.7	8.69	336.30
November	40.8	8.97	8.61	365.98	39.3	11.01	432.69	38.7	8.68	335.92
December	41.2	9.04	8.67	372.45	39.7	11.00	436.70	38.9	8.74	339.99
1984:										
January	40.6	9.08	8.72	368.65	39.2	11.08	434.34	38.4	8.82	338.69
February	40.7	9.06	8.70	368.74	39.0	11.01	429.39	38.2	8.79	335.78
March	40.7	9.09	8.73	369.96	39.0	11.02	429.78	38.3	8.79	336.66
April	40.9	9.11	8.75	372.60	39.3	11.07	435.05	38.5	8.89	342.27
May	40.6	9.11	8.76	369.87	39.2	11.03	432.38	38.6	8.86	342.00
June	40.8	9.14	8.77	372.91	39.8	11.07	440.59	38.7	8.90	344.43
July	40.3	9.18	8.82	369.95	40.0	11.18	447.20	38.8	8.97	348.04
August ^p	40.4	9.14	8.78	369.26	39.6	11.17	442.33	38.8	8.93	346.48
September ^p	40.7	9.22	8.84	375.25	39.7	11.28	447.82	38.8	9.02	349.98

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, 1963 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									
1963	37.3	\$1.68	\$62.66	37.5	\$2.25	\$84.38	(²)	(²)	(²)
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	117.65	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	3.65	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	4.68	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	7.30	238.71
Monthly data, not seasonally adjusted									
1983:									
September	29.9	\$5.78	\$172.82	36.1	\$7.33	\$264.81	32.7	\$7.37	\$241.00
October	29.9	5.79	173.12	36.4	7.45	271.18	32.7	7.43	242.96
November	29.8	5.82	173.44	36.1	7.39	266.78	32.8	7.44	242.54
December	30.8	5.78	178.02	36.2	7.43	268.97	32.6	7.47	243.52
1984:									
January	29.4	5.89	173.17	36.5	7.55	275.58	32.6	7.57	246.78
February	29.4	5.69	173.17	36.4	7.54	274.46	32.6	7.55	246.13
March	29.6	5.89	174.34	36.3	7.54	273.70	32.6	7.54	245.80
April	29.8	5.90	175.82	36.5	7.62	278.13	32.7	7.60	248.52
May	30.0	5.88	178.40	36.3	7.55	274.07	32.6	7.55	246.13
June	30.4	5.88	178.75	36.3	7.58	275.15	32.9	7.53	247.74
July	30.7	5.87	180.21	36.7	7.60	278.92	33.1	7.56	250.24
August ²	30.6	5.83	178.40	36.4	7.60	276.64	33.0	7.53	248.49
September ²	30.1	5.90	177.59	36.8	7.80	285.48	32.8	7.70	252.56

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

² Not available.

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^a	Sept. 1984 ^a	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^a	Sept. 1984 ^a
Total private		35.3	35.3	35.6	35.5	35.5	-	-	-	-	-
Mining		42.6	43.1	43.0	43.6	43.9	-	-	-	-	-
Metal mining	10	39.0	39.2	40.0	40.2	-	-	-	-	-	-
Iron ores	101	38.0	38.0	39.6	38.7	-	-	-	-	-	-
Copper ores	102	39.8	39.1	39.7	40.7	-	-	-	-	-	-
Coal mining	11,12	40.5	40.7	-	41.7	-	-	-	-	-	-
Bituminous coal and lignite mining	12	40.6	40.7	-	41.8	-	-	-	-	-	-
Oil and gas extraction	13	43.5	44.0	44.3	44.2	-	-	-	-	-	-
Crude petroleum, natural gas, and natural gas liquids	131,2	42.0	42.6	41.9	41.9	-	-	-	-	-	-
Oil and gas field services	138	44.1	44.6	45.2	45.1	-	-	-	-	-	-
Nonmetallic minerals, except fuels	14	44.6	45.1	45.6	45.7	-	-	-	-	-	-
Crushed and broken stone	142	45.3	45.6	46.6	46.8	-	-	-	-	-	-
Construction		38.0	37.9	38.6	38.5	38.7	-	-	-	-	-
General building contractors	15	37.3	37.1	37.5	37.7	-	-	-	-	-	-
Residential building construction	152	36.5	36.4	37.2	37.3	-	-	-	-	-	-
Operative builders	153	42.9	40.6	38.7	38.4	-	-	-	-	-	-
Nonresidential building construction	154	37.6	37.5	37.8	38.1	-	-	-	-	-	-
Heavy construction contractors	16	41.4	41.3	43.0	42.6	-	-	-	-	-	-
Highway and street construction	161	43.6	42.9	45.0	45.0	-	-	-	-	-	-
Heavy construction, except highway	162	40.2	40.5	41.9	41.3	-	-	-	-	-	-
Special trade contractors	17	37.1	37.0	37.5	37.4	-	-	-	-	-	-
Plumbing, heating, and air conditioning	171	38.2	38.1	38.4	38.4	-	-	-	-	-	-
Painting, paper hanging, and decorating	172	36.1	36.1	35.8	36.1	-	-	-	-	-	-
Electrical work	173	38.8	38.2	39.1	39.0	-	-	-	-	-	-
Masonry, stonework, and plastering	174	35.5	35.5	35.6	35.4	-	-	-	-	-	-
Carpentering and flooring	175	35.0	34.9	34.5	34.8	-	-	-	-	-	-
Roofing and sheet metal work	176	34.7	34.6	35.8	35.8	-	-	-	-	-	-
Manufacturing		40.2	40.8	40.3	40.4	40.7	3.2	3.5	3.2	3.4	3.6
Durable goods		40.6	41.3	40.9	40.9	41.4	3.1	3.5	3.4	3.5	3.7
Lumber and wood products	24	40.8	40.7	39.5	40.0	40.2	3.6	3.5	3.1	3.3	-
Logging camps and logging contractors	241	40.8	40.5	38.8	39.1	-	3.7	4.0	3.5	3.6	-
Sawmills and planing mills	242	41.3	41.2	39.8	40.4	-	4.0	3.9	3.7	3.9	-
Sawmills and planing mills, general	2421	41.6	41.3	39.9	40.6	-	4.2	4.0	3.9	4.1	-
Hardwood dimension and flooring	2426	40.2	40.6	39.8	40.1	-	3.1	3.6	2.9	2.7	-
Millwork, plywood, and structural members	243	40.8	40.9	39.8	40.3	-	3.8	3.7	3.1	3.4	-
Millwork	2431	41.5	41.6	39.3	39.9	-	3.5	3.5	2.3	2.9	-
Wood kitchen cabinets	2434	40.7	40.9	40.3	40.9	-	3.9	3.7	3.4	3.6	-
Hardwood veneer and plywood	2435	40.8	41.1	39.4	39.8	-	3.6	3.9	3.0	3.1	-
Softwood veneer and plywood	2436	39.9	40.0	39.6	40.8	-	3.9	3.8	3.9	4.2	-
Wood containers	244	39.0	39.3	38.2	37.9	-	2.2	2.4	1.9	2.0	-
Wood buildings and mobile homes	245	40.3	40.0	38.1	38.9	-	3.0	2.9	2.3	2.5	-
Mobile homes	2451	40.6	40.2	38.2	38.7	-	3.1	3.1	2.0	2.2	-
Miscellaneous wood products	249	40.6	40.7	40.2	40.5	-	2.7	2.7	2.8	2.8	-
Furniture and fixtures	25	40.1	40.2	39.2	39.7	40.4	2.7	2.9	2.2	2.6	-
Household furniture	251	39.6	39.7	38.4	38.8	-	2.4	2.5	1.6	2.0	-
Wood household furniture	2511	39.7	39.8	38.9	39.1	-	2.5	2.5	1.9	2.3	-
Upholstered household furniture	2512	38.8	39.2	37.0	37.8	-	1.5	1.8	.9	1.3	-
Metal household furniture	2514	40.2	40.8	39.0	39.3	-	2.6	3.4	1.6	1.8	-
Mattresses and bedsprings	2515	40.9	39.5	38.1	39.2	-	3.6	3.1	1.8	2.1	-
Office furniture	252	41.3	40.9	40.8	42.0	-	3.1	3.5	3.3	3.9	-
Public building and related furniture	253	40.9	40.4	40.6	40.1	-	3.8	3.1	3.0	3.1	-
Partitions and fixtures	254	40.2	41.2	40.2	40.5	-	3.3	4.3	3.2	3.2	-
Miscellaneous furniture and fixtures	259	41.6	41.0	40.1	41.5	-	2.7	2.4	1.8	2.8	-
Stone, clay, and glass products	32	42.1	42.4	42.2	42.1	42.2	4.7	4.9	5.0	5.1	-
Flat glass	321	45.1	45.3	44.5	45.0	-	6.0	6.0	6.0	6.0	-
Glass and glassware, pressed or blown	322	40.7	40.9	40.7	40.7	-	4.2	4.2	4.2	4.5	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Total private		\$7.95	\$8.12	\$8.32	\$8.30	\$8.43	\$280.64	\$286.64	\$296.19	\$294.65	\$299.27
Mining		11.25	11.33	11.57	11.57	11.65	479.25	488.32	497.51	504.45	511.44
Metal mining	10	12.54	12.62	13.02	13.07	-	489.06	494.70	520.80	525.41	-
Iron ores	101	12.06	11.95	12.96	13.14	-	458.28	454.10	513.22	508.52	-
Copper ores	102	13.10	13.09	13.75	13.66	-	521.38	511.82	545.88	555.96	-
Coal mining	11,12	13.88	13.95	-	14.93	-	562.14	567.77	590.68	622.58	-
Bituminous coal and lignite mining	12	13.93	14.00	-	14.98	-	565.56	569.80	594.15	626.16	-
Oil and gas extraction	13	10.57	10.65	10.59	10.57	-	459.80	468.60	469.14	467.19	-
Crude petroleum, natural gas, and natural gas liquids	131,2	12.23	12.41	12.69	12.55	-	513.66	528.67	531.71	525.85	-
Oil and gas field services	138	9.85	9.90	9.83	9.87	-	434.39	441.54	444.32	445.14	-
Nonmetallic minerals, except fuels	14	9.35	9.46	9.85	9.86	-	417.01	426.65	449.16	450.60	-
Crushed and broken stone	142	8.83	8.87	9.43	9.41	-	400.00	404.47	439.44	440.39	-
Construction		11.86	12.04	11.97	12.00	12.12	450.68	456.32	462.04	462.00	469.04
General building contractors	15	10.62	10.84	10.80	10.81	-	396.13	402.16	405.00	407.54	-
Residential building construction	152	9.79	10.08	10.09	10.02	-	357.34	366.91	375.35	373.75	-
Operative builders	153	8.89	9.04	8.90	9.02	-	381.38	367.02	344.43	346.37	-
Nonresidential building construction	154	11.59	11.73	11.65	11.69	-	435.78	439.88	440.37	445.39	-
Heavy construction contractors	16	11.90	12.06	11.79	11.78	-	492.66	498.08	506.97	501.83	-
Highway and street construction	161	10.66	10.92	11.02	11.12	-	464.78	468.47	495.90	500.40	-
Heavy construction, except highway	162	12.60	12.70	12.26	12.19	-	506.52	514.35	513.69	503.45	-
Special trade contractors	17	12.42	12.58	12.58	12.64	-	460.78	465.46	471.75	472.74	-
Plumbing, heating, and air conditioning	171	12.41	12.65	12.65	12.68	-	474.06	481.97	485.76	486.91	-
Painting, paper hanging, and decorating	172	11.44	11.60	11.46	11.57	-	412.98	418.76	410.27	417.68	-
Electrical work	173	14.17	14.16	14.18	14.15	-	549.80	540.91	554.44	551.85	-
Masonry, stonework, and plastering	174	12.18	12.22	12.48	12.57	-	432.39	433.81	444.29	444.98	-
Carpentering and flooring	175	11.58	11.83	11.56	11.88	-	405.30	412.87	398.82	413.42	-
Roofing and sheet metal work	176	10.95	11.05	11.13	11.12	-	379.97	382.33	398.45	398.10	-
Manufacturing		8.78	8.89	9.18	9.14	9.22	352.96	362.71	369.95	369.26	375.25
Durable goods		9.32	9.46	9.70	9.68	9.77	378.39	390.70	396.73	395.91	404.48
Lumber and wood products	24	7.82	7.87	8.01	8.04	8.11	319.06	320.31	316.40	321.60	326.02
Logging camps and logging contractors	241	10.24	10.42	10.86	10.93	-	417.79	422.01	421.37	427.36	-
Sawmills and planing mills	242	8.21	8.27	8.40	8.38	-	339.07	340.72	334.32	338.55	-
Sawmills and planing mills, general	2421	8.67	8.74	8.82	8.81	-	360.67	360.96	351.92	357.69	-
Hardwood dimension and flooring	2426	5.52	5.60	5.90	5.83	-	221.90	227.36	234.82	233.78	-
Millwork, plywood, and structural members	243	7.64	7.66	7.76	7.82	-	311.71	313.29	308.85	315.15	-
Millwork	2431	7.89	7.91	8.01	7.99	-	327.44	329.06	314.79	318.80	-
Wood kitchen cabinets	2434	6.92	6.93	6.96	7.14	-	281.64	283.44	280.49	292.03	-
Hardwood veneer and plywood	2435	6.16	6.17	6.31	6.33	-	251.33	253.59	248.61	251.93	-
Softwood veneer and plywood	2436	9.41	9.45	9.73	9.74	-	375.46	378.00	385.31	397.39	-
Wood containers	244	5.54	5.62	5.64	5.67	-	216.06	220.87	215.45	214.89	-
Wood buildings and mobile homes	245	6.79	6.80	7.07	7.05	-	273.64	272.00	269.37	274.25	-
Mobile homes	2451	6.82	6.85	7.15	7.13	-	276.89	275.37	273.13	275.93	-
Miscellaneous wood products	249	6.57	6.62	6.87	6.87	-	266.74	269.43	276.17	278.24	-
Furniture and fixtures	25	6.67	6.74	6.88	6.90	6.98	267.47	270.95	269.70	273.93	281.99
Household furniture	251	6.12	6.16	6.30	6.32	-	242.35	244.55	241.92	245.22	-
Wood household furniture	2511	5.60	5.62	5.76	5.78	-	222.32	223.68	224.06	226.00	-
Upholstered household furniture	2512	6.49	6.57	6.76	6.82	-	251.81	257.54	250.12	257.80	-
Metal household furniture	2514	6.49	6.56	6.64	6.68	-	260.90	267.65	258.96	262.52	-
Mattresses and bedsprings	2515	7.05	7.07	7.00	7.00	-	288.35	279.27	266.70	274.40	-
Office furniture	252	7.40	7.47	7.57	7.63	-	305.62	305.52	308.86	320.46	-
Public building and related furniture	253	7.23	7.35	7.53	7.46	-	295.71	296.94	305.72	299.15	-
Partitions and fixtures	254	8.16	8.27	8.24	8.22	-	328.03	340.72	331.25	332.91	-
Miscellaneous furniture and fixtures	259	7.37	7.40	7.31	7.30	-	306.59	303.40	293.13	302.95	-
Stone, clay, and glass products	32	9.30	9.42	9.64	9.61	9.64	391.53	399.41	406.81	404.58	406.81
Flat glass	321	12.77	12.98	13.14	13.02	-	575.93	587.99	584.73	585.90	-
Glass and glassware, pressed or blown	322	10.03	10.17	10.54	10.57	-	408.22	415.95	428.98	430.20	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	41.0	40.9	41.2	40.9	-	5.1	4.7	5.1	5.0	-
Pressed and blown glass, nec	3229	40.3	40.8	40.0	40.5	-	3.0	3.6	3.1	3.8	-
Products of purchased glass	323	40.8	41.6	41.3	41.7	-	3.3	3.9	3.7	4.2	-
Cement, hydraulic	324	42.2	42.9	41.3	40.4	-	3.2	3.8	3.0	2.8	-
Structural clay products	325	41.8	42.9	42.2	41.5	-	4.2	4.2	4.2	3.8	-
Pottery and related products	326	38.8	39.2	38.8	38.8	-	1.6	2.4	1.9	2.4	-
Concrete, gypsum, and plaster products	327	43.8	43.9	44.2	44.2	-	6.7	6.6	7.2	7.1	-
Concrete block and brick	3271	45.9	45.5	44.3	43.9	-	7.6	7.3	7.2	6.9	-
Concrete products, nec	3272	43.4	43.6	43.3	43.5	-	5.7	5.8	6.3	6.6	-
Ready-mixed concrete	3273	43.1	43.4	44.7	44.3	-	6.7	6.8	7.8	7.6	-
Misc. nonmetallic mineral products	329	41.9	42.4	41.6	41.6	-	3.6	4.2	4.1	4.1	-
Abrasive products	3291	41.1	41.7	41.3	40.5	-	2.5	3.0	3.0	2.7	-
Asbestos products	3292	44.6	43.9	41.9	41.9	-	4.3	4.9	3.4	3.6	-
Primary metal industries											
Blast furnaces and basic steel products	331	39.8	40.8	40.3	39.3	41.7	3.3	3.7	3.8	3.8	-
Blast furnaces and steel mills	3312	39.4	40.6	39.9	38.6	40.3	2.7	2.9	3.1	2.7	-
Steel pipe and tubes	3317	40.5	40.9	41.7	41.1	-	2.6	2.8	3.0	2.6	-
Iron and steel foundries	332	40.2	41.0	41.1	41.0	-	2.9	3.6	3.6	4.0	-
Gray iron foundries	3321	40.8	41.6	40.9	40.7	-	3.4	4.2	3.8	4.2	-
Malleable iron foundries	3322	41.0	41.4	40.5	40.8	-	3.6	4.1	2.9	3.0	-
Steel foundries, nec	3325	38.1	38.5	40.7	41.6	-	1.5	1.8	3.0	3.5	-
Primary nonferrous metals	333	40.9	41.4	42.2	41.8	-	3.2	3.6	3.7	3.5	-
Primary aluminum	3334	40.4	41.1	42.8	42.6	-	3.3	4.0	3.9	3.7	-
Nonferrous rolling and drawing	335	42.4	43.0	42.9	42.8	-	4.7	5.2	5.6	5.8	-
Copper rolling and drawing	3351	43.5	43.6	43.7	43.1	-	4.3	4.8	4.9	4.9	-
Aluminum sheet, plate, and foil	3353	41.7	41.9	42.0	41.7	-	5.9	6.4	5.8	6.4	-
Nonferrous wire drawing and insulating	3357	42.1	43.2	42.9	42.7	-	4.3	5.0	6.0	6.0	-
Nonferrous foundries	336	40.7	41.5	41.4	41.5	-	3.4	3.8	3.6	3.7	-
Aluminum foundries	3361	41.2	41.9	41.8	41.6	-	3.7	4.0	4.0	3.9	-
Fabricated metal products											
Metal cans and shipping containers	34	40.7	41.3	40.8	41.1	41.4	3.2	3.6	3.3	3.5	-
Metal cans	341	43.1	42.7	44.1	43.9	-	5.9	5.7	6.0	6.4	-
Cutlery, hand tools, and hardware	3411	43.4	42.7	44.1	44.0	-	6.3	6.0	5.8	6.6	-
Hand and edge tools, and hand saws and blades	342	40.4	41.5	40.0	40.3	-	2.6	3.3	2.8	3.1	-
Hardware, nec	3423,5	40.6	40.7	39.2	40.0	-	2.4	2.6	2.0	2.4	-
Hardware, nec	3429	40.1	41.8	40.2	40.2	-	2.9	3.9	3.2	3.5	-
Plumbing and heating, except electric	343	39.5	40.6	38.5	39.9	-	2.4	2.8	1.6	2.1	-
Plumbing fittings and brass goods	3432	39.3	40.4	39.4	39.7	-	2.4	2.9	1.9	1.9	-
Heating equipment, except electric	3433	39.0	40.2	38.2	40.3	-	1.8	2.3	1.3	2.1	-
Fabricated structural metal products	344	40.3	40.8	40.8	41.0	-	2.9	3.2	3.2	3.4	-
Fabricated structural metal	3441	40.6	41.1	41.5	41.7	-	3.1	3.3	3.8	4.5	-
Metal doors, sash, and trim	3442	39.7	40.4	40.5	40.9	-	2.7	3.0	3.1	2.7	-
Fabricated plate work (boiler shops)	3443	40.8	41.4	40.9	41.4	-	3.1	3.3	2.8	3.4	-
Sheet metal work	3444	39.5	40.0	39.8	40.0	-	2.7	3.0	3.1	3.3	-
Architectural metal work	3446	41.8	41.5	41.4	40.4	-	2.7	2.7	2.8	2.7	-
Screw machine products, bolts, etc	345	41.0	41.8	42.2	42.5	-	3.4	3.8	4.3	4.6	-
Screw machine products	3451	39.9	40.7	41.8	41.9	-	2.8	3.2	4.1	4.2	-
Bolts, nuts, rivets, and washers	3452	42.1	42.9	42.7	43.0	-	4.0	4.3	4.5	4.9	-
Metal forgings and stampings	346	41.9	42.6	41.2	41.4	-	4.0	4.7	3.9	4.0	-
Iron and steel forgings	3462	40.8	41.5	40.5	41.7	-	3.5	3.6	3.3	4.1	-
Automotive stampings	3465	43.3	44.8	42.3	42.5	-	5.1	6.2	5.0	4.6	-
Metal stampings, nec	3469	40.8	40.9	40.2	40.3	-	3.2	3.5	3.1	3.3	-
Metal services, nec	347	40.3	40.5	40.5	40.3	-	3.3	3.5	3.4	3.5	-
Plating and polishing	3471	40.0	40.5	40.3	40.0	-	3.2	3.3	3.3	3.2	-
Metal coating and allied services	3479	41.0	40.5	40.9	41.0	-	3.6	3.8	3.8	4.1	-
Ordnance and accessories, nec	348	40.3	40.8	40.5	40.6	-	2.0	2.3	2.6	2.8	-
Ammunition, except for small arms, nec	3483	40.2	40.2	39.3	39.7	-	1.5	1.6	1.4	1.7	-
Misc. fabricated metal products	349	40.2	40.8	40.2	40.6	-	2.5	2.9	2.5	2.7	-
Valves and pipe fittings	3494	39.5	40.3	40.3	40.9	-	2.2	2.7	2.7	3.0	-
Misc. fabricated wire products	3496	40.3	40.8	40.3	40.1	-	2.7	3.0	2.4	2.2	-
Machinery, except electrical											
Engines and turbines	35	40.2	41.1	41.3	41.3	41.7	2.7	3.2	3.5	3.5	-
Engines and turbines	351	38.2	39.7	43.2	41.5	-	2.7	3.2	3.9	4.1	-
Turbines and turbine generator sets	3511	38.3	38.8	39.8	39.8	-	3.1	3.0	3.5	3.5	-
Internal combustion engines, nec	3519	38.2	40.1	44.3	42.0	-	2.6	3.3	4.0	4.3	-
Farm and garden machinery	352	39.3	40.1	39.5	39.0	-	1.8	2.3	2.1	2.0	-
Farm machinery and equipment	3523	39.2	40.2	39.5	39.8	-	2.0	2.6	2.3	2.2	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^a	Sept. 1984 ^a	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^a	Sept. 1984 ^a
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	\$10.45	\$10.65	\$11.10	\$11.10	-	\$428.45	\$435.59	\$457.32	\$453.99	-
Pressed and blown glass, nec	3229	9.43	9.55	9.86	9.92	-	380.03	389.64	394.40	401.76	-
Products of purchased glass	323	7.90	8.17	8.07	8.22	-	322.32	339.87	333.29	342.77	-
Cement, hydraulic	324	13.19	13.48	13.47	13.28	-	556.62	578.29	556.31	536.51	-
Structural clay products	325	7.35	7.40	7.79	7.75	-	307.23	317.46	328.74	321.63	-
Pottery and related products	326	7.82	7.93	8.16	8.01	-	303.42	310.86	316.61	310.79	-
Concrete, gypsum, and plaster products	327	9.16	9.29	9.56	9.52	-	401.21	407.83	422.55	420.78	-
Concrete block and brick	3271	7.71	7.76	8.16	8.22	-	353.89	353.08	361.49	360.86	-
Concrete products, nec	3272	8.08	8.18	8.44	8.39	-	350.67	356.65	365.45	364.97	-
Ready-mixed concrete	3273	10.13	10.31	10.51	10.49	-	436.60	447.45	469.80	464.71	-
Misc. nonmetallic mineral products	329	9.17	9.24	9.50	9.54	-	384.22	391.78	395.20	396.86	-
Abrasive products	3291	8.59	8.74	9.17	9.11	-	353.05	364.46	378.72	368.96	-
Asbestos products	3292	9.13	9.18	9.57	9.75	-	407.20	403.00	400.98	408.53	-
Primary metal industries	33	11.29	11.34	11.45	11.43	\$11.49	458.37	469.48	472.89	466.34	\$479.13
Blast furnaces and basic steel products	331	12.74	12.79	13.02	13.13	13.21	507.05	521.83	524.71	516.01	532.36
Blast furnaces and steel mills	3312	13.21	13.28	13.58	13.74	-	520.47	539.17	541.84	530.36	-
Steel pipe and tubes	3317	10.37	10.45	10.51	10.50	-	419.99	427.41	438.27	431.55	-
Iron and steel foundries	332	9.92	10.02	10.02	10.05	-	398.78	410.82	411.82	412.05	-
Gray iron foundries	3321	10.16	10.27	10.30	10.34	-	414.53	427.23	421.27	420.84	-
Malleable iron foundries	3322	10.53	10.74	10.87	10.75	-	431.73	444.64	440.24	438.60	-
Steel foundries, nec	3325	9.48	9.51	9.48	9.51	-	361.19	366.14	385.84	395.62	-
Primary nonferrous metals	333	13.46	13.46	13.36	13.52	-	550.51	557.24	563.79	565.14	-
Primary aluminum	3334	13.94	14.00	13.84	13.86	-	563.18	575.40	592.35	590.44	-
Nonferrous rolling and drawing	335	10.66	10.76	10.99	10.92	-	451.98	462.68	471.47	467.38	-
Copper rolling and drawing	3351	9.59	9.60	9.89	9.94	-	417.17	418.56	432.19	428.41	-
Aluminum sheet, plate, and foil	3353	14.23	14.19	14.01	13.84	-	593.39	594.56	588.42	577.13	-
Nonferrous wire drawing and insulating	3357	9.73	10.10	10.59	10.51	-	409.63	436.32	454.31	448.78	-
Nonferrous foundries	336	8.83	8.86	9.00	8.99	-	359.38	367.69	372.60	373.09	-
Aluminum foundries	3361	9.03	9.09	9.14	9.17	-	372.04	380.87	382.05	381.47	-
Fabricated metal products	34	9.09	9.18	9.33	9.30	9.37	369.96	379.13	380.66	382.23	387.92
Metal cans and shipping containers	341	12.25	12.29	12.58	12.67	-	527.98	524.78	554.78	556.21	-
Metal cans	3411	12.84	12.92	13.23	13.37	-	557.26	551.68	583.44	588.28	-
Cutlery, hand tools, and hardware	342	8.80	8.96	9.18	9.22	-	355.52	371.84	367.20	371.57	-
Hand and edge tools, and hand saws and blades ..	3423,5	8.23	8.35	8.48	8.54	-	334.14	339.85	332.42	341.60	-
Hardware, nec	3429	9.09	9.30	9.49	9.56	-	364.51	388.74	381.50	384.31	-
Plumbing and heating, except electric	343	8.13	8.22	8.32	8.38	-	321.14	333.73	320.32	334.36	-
Plumbing fittings and brass goods	3432	7.84	7.96	7.99	8.04	-	308.11	321.58	314.81	319.19	-
Heating equipment, except electric	3433	8.15	8.16	8.27	8.40	-	317.85	328.03	315.91	338.52	-
Fabricated structural metal products	344	8.74	8.79	8.83	8.80	-	352.22	358.63	360.26	360.80	-
Fabricated structural metal	3441	9.24	9.33	9.49	9.41	-	375.14	383.46	393.84	392.40	-
Metal doors, sash, and trim	3442	6.85	6.87	7.13	7.08	-	271.95	277.55	288.77	289.57	-
Fabricated plate work (boiler shops)	3443	10.05	10.08	9.83	9.80	-	410.04	417.31	402.05	405.72	-
Sheet metal work	3444	8.97	9.00	9.10	9.12	-	354.32	360.00	362.18	364.80	-
Architectural metal work	3446	8.74	8.93	8.89	8.91	-	365.33	370.60	368.05	359.96	-
Screw machine products, bolts, etc	345	8.51	8.58	8.73	8.72	-	348.91	358.64	368.41	370.60	-
Screw machine products	3451	7.79	7.87	8.02	8.02	-	310.82	320.31	335.24	336.04	-
Bolts, nuts, rivets, and washers	3452	9.18	9.25	9.46	9.45	-	386.48	396.83	403.94	406.35	-
Metal forgings and stampings	346	10.29	10.50	10.79	10.68	-	431.15	447.30	444.55	442.15	-
Iron and steel forgings	3462	11.51	11.66	11.77	11.83	-	469.61	483.89	476.69	497.48	-
Automotive stampings	3465	11.96	12.22	12.73	12.53	-	517.67	547.46	538.48	532.53	-
Metal stampings, nec	3469	8.16	8.23	8.40	8.36	-	333.74	336.61	337.68	336.91	-
Metal services, nec	347	7.26	7.35	7.57	7.48	-	293.36	297.68	306.59	301.44	-
Plating and polishing	3471	7.15	7.23	7.45	7.37	-	286.00	292.82	300.24	294.80	-
Metal coating and allied services	3479	7.57	7.64	7.83	7.74	-	310.37	309.42	320.25	317.34	-
Ordnance and accessories, nec	348	9.64	9.73	10.00	9.95	-	388.49	396.98	405.00	403.97	-
Ammunition, except for small arms, nec	3483	9.14	9.25	9.55	9.43	-	367.43	371.85	375.32	374.37	-
Misc. fabricated metal products	349	8.54	8.58	8.68	8.69	-	343.31	350.06	348.94	352.81	-
Valves and pipe fittings	3494	9.08	9.16	9.31	9.34	-	358.66	369.15	375.19	382.01	-
Misc. fabricated wire products	3496	7.63	7.63	7.94	7.89	-	307.49	311.30	319.98	316.39	-
Machinery, except electrical	35	9.54	9.63	9.96	9.93	10.02	383.51	395.79	411.35	410.11	417.83
Engines and turbines	351	11.81	11.93	13.06	12.89	-	451.14	473.62	564.19	534.94	-
Turbines and turbine generator sets	3511	11.57	11.66	12.22	12.38	-	443.13	452.41	486.36	492.72	-
Internal combustion engines, nec	3519	11.92	12.04	13.31	13.05	-	455.34	482.80	589.63	548.10	-
Farm and garden machinery	352	9.33	9.68	9.77	9.84	-	366.67	388.17	385.92	383.76	-
Farm machinery and equipment	3523	9.73	10.13	10.26	10.19	-	381.42	407.23	405.27	405.56	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	39.7	40.4	40.4	41.3	-	2.2	2.6	2.7	3.0	-
Construction machinery	3531	40.3	40.7	40.6	41.5	-	1.9	2.3	2.1	2.5	-
Mining machinery	3532	39.0	39.8	38.8	40.2	-	1.4	2.1	2.3	2.8	-
Oil field machinery	3533	39.1	40.4	40.0	41.9	-	2.4	2.8	2.7	3.4	-
Conveyors and conveying equipment	3535	40.3	40.3	41.5	40.7	-	2.8	2.6	4.6	3.8	-
Industrial trucks and tractors	3537	39.7	40.5	40.3	40.8	-	2.7	3.1	3.5	3.5	-
Metalworking machinery	354	40.1	41.1	42.2	42.3	-	3.2	3.7	4.5	4.5	-
Machine tools, metal cutting types	3541	38.2	39.7	42.2	42.3	-	1.6	1.9	3.7	3.9	-
Machine tools, metal forming types	3542	37.6	38.4	41.7	41.7	-	2.4	3.0	4.2	3.7	-
Special dies, tools, jigs, and fixtures	3544	41.2	42.0	42.9	43.1	-	4.0	4.6	5.2	5.4	-
Machine tool accessories	3545	39.7	40.8	41.5	41.5	-	2.8	3.1	3.8	3.8	-
Power driven hand tools	3546	39.6	40.5	41.1	41.3	-	3.3	3.2	4.1	3.8	-
Special industry machinery	355	40.3	41.3	41.2	41.3	-	2.6	3.3	3.3	3.4	-
Food products machinery	3551	40.8	41.1	41.3	41.7	-	2.5	3.0	2.8	2.9	-
Textile machinery	3552	40.1	40.4	40.6	41.4	-	2.1	2.6	2.1	2.7	-
Printing trades machinery	3555	40.1	42.0	41.4	41.0	-	2.7	3.5	3.4	3.4	-
General industrial machinery	356	40.5	41.1	41.1	41.2	-	2.8	3.2	3.4	3.5	-
Pumps and pumping equipment	3561	40.1	41.1	40.5	40.8	-	2.2	2.9	3.3	3.2	-
Ball and roller bearings	3562	42.5	42.9	42.2	42.4	-	3.9	4.4	4.1	4.6	-
Air and gas compressors	3563	39.5	40.5	39.4	40.4	-	2.0	2.4	2.7	3.0	-
Blowers and fans	3564	40.6	40.6	41.2	40.4	-	3.3	3.0	2.6	2.8	-
Speed changers, drives, and gears	3566	39.7	40.7	40.0	40.9	-	2.6	3.0	3.5	4.3	-
Power transmission equipment, nec	3568	39.4	40.1	40.5	40.4	-	2.1	2.7	3.3	2.9	-
Office and computing machines	357	41.3	42.4	41.2	41.4	-	2.9	3.4	2.7	2.9	-
Electronic computing equipment	3573	41.4	42.6	41.3	41.3	-	3.1	3.6	2.9	2.9	-
Refrigeration and service machinery	358	40.7	41.2	41.8	41.2	-	2.9	3.4	4.2	3.7	-
Refrigeration and heating equipment	3585	40.7	41.2	42.4	41.6	-	3.1	3.6	4.6	3.8	-
Misc. machinery, except electrical	359	40.2	40.6	41.3	41.2	-	2.8	3.1	3.8	3.7	-
Carburetors, pistons, rings, and valves	3592	41.7	41.3	40.1	40.3	-	3.7	3.5	3.5	3.3	-
Machinery, except electrical, nec	3599	39.9	40.4	41.5	41.4	-	2.6	3.0	3.8	3.8	-
Electrical and electronic equipment	36	40.5	41.1	40.4	40.7	41.2	2.7	3.2	2.8	3.0	-
Electric distributing equipment	361	39.6	40.5	40.3	40.5	-	2.2	2.8	2.5	3.0	-
Transformers	3612	40.0	40.8	41.1	41.1	-	2.2	3.1	2.8	3.0	-
Switchgear and switchboard apparatus	3613	39.4	40.2	39.6	40.0	-	2.2	2.6	2.3	3.0	-
Electrical industrial apparatus	362	40.0	41.0	40.9	40.6	-	2.7	3.1	3.1	3.0	-
Motors and generators	3621	40.8	42.0	41.4	40.7	-	3.1	3.6	3.4	3.2	-
Industrial controls	3622	39.3	40.1	39.1	39.8	-	2.1	2.4	2.2	2.4	-
Household appliances	363	40.4	41.4	39.4	39.8	-	2.2	3.5	2.3	2.2	-
Household refrigerators and freezers	3632	41.7	44.9	39.5	41.9	-	1.5	6.4	2.2	2.4	-
Household laundry equipment	3633	40.4	40.2	40.3	39.9	-	1.8	1.3	2.0	1.4	-
Electric housewares and fans	3634	40.3	40.9	38.0	39.1	-	2.3	3.7	2.2	2.3	-
Electric lighting and wiring equipment	364	40.5	40.9	39.9	40.2	-	2.6	3.2	2.5	2.7	-
Electric lamps	3641	41.9	41.1	40.4	40.8	-	2.2	2.5	2.3	2.5	-
Current-carrying wiring devices	3643	40.2	40.7	40.3	40.6	-	2.6	3.2	2.9	3.2	-
Noncurrent-carrying wiring devices	3644	40.4	40.3	39.7	40.9	-	1.9	2.6	2.1	2.2	-
Residential lighting fixtures	3645	39.2	40.3	38.0	37.9	-	1.9	2.9	1.3	1.8	-
Radio and TV receiving equipment	365	41.2	40.1	39.2	40.2	-	2.9	3.1	2.2	3.4	-
Radio and TV receiving sets	3651	40.9	40.5	39.4	39.4	-	2.9	3.4	2.3	2.7	-
Communication equipment	366	40.6	41.2	40.6	40.8	-	2.5	2.8	2.5	2.5	-
Telephone and telegraph apparatus	3661	41.5	42.2	40.1	40.5	-	3.1	3.4	2.3	2.4	-
Radio and TV communication equipment	3662	40.2	40.7	40.9	41.0	-	2.2	2.4	2.5	2.5	-
Electronic components and accessories	367	40.7	41.0	41.0	41.0	-	3.0	3.2	3.5	3.4	-
Electronic tubes	3671-3	40.8	41.1	41.1	41.3	-	2.1	2.1	2.3	2.3	-
Semiconductors and related devices	3674	41.1	41.7	42.2	41.7	-	3.5	3.7	4.4	4.2	-
Electronic components, nec	3679	40.9	41.0	40.8	40.8	-	3.1	3.4	3.5	3.5	-
Misc. electrical equipment and supplies	369	40.6	41.6	40.0	41.2	-	2.6	3.9	2.6	3.5	-
Storage batteries	3691	42.0	42.0	39.2	41.3	-	2.9	3.5	1.6	3.2	-
Engine electrical equipment	3694	40.6	41.9	40.1	41.1	-	2.7	4.5	3.1	4.0	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	\$10.28	\$10.40	\$10.61	\$10.56	-	\$408.12	\$420.16	\$428.64	\$436.13	-
Construction machinery	3531	10.99	11.18	11.40	11.42	-	442.90	455.03	462.84	473.93	-
Mining machinery	3532	10.83	10.99	11.73	11.15	-	422.37	437.40	455.12	448.23	-
Oil field machinery	3533	10.49	10.54	10.55	10.56	-	410.16	425.82	422.00	442.46	-
Conveyors and conveying equipment	3535	9.00	9.08	9.81	9.83	-	362.70	365.92	407.12	400.08	-
Industrial trucks and tractors	3537	9.08	9.13	9.01	9.07	-	360.48	369.77	363.10	370.06	-
Metalworking machinery	354	9.75	9.84	10.09	10.10	-	390.98	404.42	425.80	427.23	-
Machine tools, metal cutting types	3541	9.80	9.93	10.23	10.26	-	374.36	394.22	431.71	434.00	-
Machine tools, metal forming types	3542	10.44	10.61	10.62	10.53	-	392.54	407.42	442.85	439.10	-
Special dies, tools, jigs, and fixtures	3544	10.34	10.43	10.63	10.72	-	426.01	438.06	456.03	462.03	-
Machine tool accessories	3545	8.86	8.97	9.23	9.15	-	351.74	365.98	383.05	379.73	-
Power driven hand tools	3546	7.82	7.77	8.14	8.17	-	309.67	314.69	334.55	337.42	-
Special industry machinery	355	9.30	9.39	9.72	9.63	-	374.79	387.81	400.46	397.72	-
Food products machinery	3551	9.73	9.83	10.13	10.15	-	396.98	404.01	418.37	423.26	-
Textile machinery	3552	7.36	7.38	7.65	7.61	-	295.14	298.15	310.59	315.05	-
Printing trades machinery	3555	9.52	9.56	10.00	9.68	-	381.75	401.52	414.00	396.88	-
General industrial machinery	356	9.46	9.52	9.71	9.75	-	383.13	391.27	399.08	401.70	-
Pumps and pumping equipment	3561	9.85	9.92	10.28	10.33	-	394.99	407.71	416.34	421.46	-
Ball and roller bearings	3562	9.39	9.49	10.00	10.01	-	399.08	407.12	422.00	424.42	-
Air and gas compressors	3563	9.94	9.86	9.65	9.70	-	392.63	399.33	380.21	391.88	-
Blowers and fans	3564	8.82	8.74	8.77	8.87	-	358.09	354.84	361.32	358.35	-
Speed changers, drives, and gears	3566	10.03	10.07	10.42	10.47	-	398.19	409.85	416.80	428.22	-
Power transmission equipment, nec	3568	9.35	9.47	9.81	9.85	-	368.39	379.75	397.31	397.94	-
Office and computing machines	357	8.61	8.65	8.97	8.94	-	355.59	366.76	369.56	370.12	-
Electronic computing equipment	3573	8.59	8.64	8.93	8.89	-	355.63	368.06	368.61	367.16	-
Refrigeration and service machinery	358	9.29	9.36	9.76	9.67	-	378.10	385.63	407.97	398.40	-
Refrigeration and heating equipment	3585	9.58	9.68	10.09	9.96	-	389.91	398.82	427.82	414.34	-
Misc. machinery, except electrical	359	9.53	9.57	9.67	9.70	-	383.11	388.54	399.37	399.64	-
Carburetors, pistons, rings, and valves	3592	11.06	10.95	11.68	11.61	-	461.20	452.24	468.37	467.88	-
Machinery, except electrical, nec	3599	9.24	9.31	9.33	9.37	-	368.68	376.12	387.20	387.92	-
Electrical and electronic equipment	36	8.62	8.73	8.95	9.00	\$9.08	349.11	358.80	361.58	366.30	\$374.10
Electric distributing equipment	361	8.28	8.43	8.68	8.78	-	327.89	341.42	349.80	355.59	-
Transformers	3612	8.19	8.35	8.61	8.73	-	327.60	340.68	353.87	358.80	-
Switchgear and switchboard apparatus	3613	8.35	8.49	8.75	8.82	-	328.99	341.30	346.50	352.80	-
Electrical industrial apparatus	362	8.76	8.84	9.12	9.17	-	350.40	362.44	373.01	372.30	-
Motors and generators	3621	8.74	8.86	9.12	9.16	-	356.59	372.12	377.57	372.81	-
Industrial controls	3622	8.57	8.61	8.93	8.98	-	336.80	345.26	349.16	357.40	-
Household appliances	363	8.56	8.62	8.97	8.83	-	345.82	356.87	353.42	351.43	-
Household refrigerators and freezers	3632	9.77	9.91	10.25	10.36	-	407.41	444.96	404.88	434.08	-
Household laundry equipment	3633	10.14	10.10	10.50	10.52	-	409.66	406.02	423.15	419.75	-
Electric housewares and fans	3634	6.62	6.61	6.84	6.75	-	266.79	270.35	259.92	263.93	-
Electric lighting and wiring equipment	364	8.06	8.15	8.38	8.38	-	326.43	333.34	334.36	336.88	-
Electric lamps	3641	9.21	9.31	9.54	9.55	-	385.90	382.64	385.42	389.64	-
Current-carrying wiring devices	3643	7.56	7.61	7.81	7.85	-	303.91	309.73	314.74	318.71	-
Noncurrent-carrying wiring devices	3644	8.36	8.44	8.81	8.78	-	337.74	340.13	349.76	359.10	-
Residential lighting fixtures	3645	6.18	6.33	6.53	6.56	-	242.26	255.10	248.14	248.62	-
Radio and TV receiving equipment	365	8.33	8.43	8.69	8.91	-	343.20	338.04	340.65	358.18	-
Radio and TV receiving sets	3651	8.57	8.76	8.98	8.99	-	350.51	354.78	353.81	354.21	-
Communication equipment	366	10.30	10.39	10.67	10.85	-	418.18	428.07	433.20	442.68	-
Telephone and telegraph apparatus	3661	10.20	10.32	10.43	10.73	-	423.30	435.50	418.24	434.57	-
Radio and TV communication equipment	3662	10.35	10.42	10.79	10.92	-	416.07	424.09	441.31	447.72	-
Electronic components and accessories	367	7.55	7.58	7.78	7.82	-	307.29	310.78	318.98	320.62	-
Electronic tubes	3671-3	9.66	9.76	9.97	10.04	-	394.13	401.14	409.77	414.65	-
Semiconductors and related devices	3674	8.72	8.73	9.15	9.25	-	358.39	364.04	386.13	385.73	-
Electronic components, nec	3679	6.96	7.01	7.14	7.14	-	284.66	287.41	291.31	291.31	-
Misc. electrical equipment and supplies	369	9.30	9.62	9.81	9.83	-	377.58	400.19	392.40	405.00	-
Storage batteries	3691	9.87	10.17	10.31	10.53	-	414.54	427.14	404.15	434.89	-
Engine electrical equipment	3694	9.81	10.27	10.39	10.38	-	398.29	430.31	416.64	426.62	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Durable goods—Continued											
Transportation equipment	37	41.2	42.8	41.9	41.7	42.1	3.6	4.7	4.2	4.3	-
Motor vehicles and equipment	371	42.2	44.4	42.6	42.3	43.0	4.5	5.9	4.8	5.0	-
Motor vehicles and car bodies	3711	40.9	45.0	42.4	41.2	-	3.9	6.5	4.7	4.7	-
Truck and bus bodies	3713	40.4	40.7	41.2	40.9	-	2.4	2.8	3.4	3.5	-
Motor vehicle parts and accessories	3714	43.8	44.5	43.2	43.7	-	5.3	5.8	5.2	5.7	-
Truck trailers	3715	40.8	41.3	40.7	40.5	-	3.1	3.8	3.3	3.0	-
Aircraft and parts	372	40.6	41.3	41.6	41.5	-	2.9	3.5	3.9	3.8	-
Aircraft	3721	40.3	40.5	-	-	-	2.3	2.6	-	-	-
Aircraft engines and engine parts	3724	40.6	42.1	42.2	41.8	-	3.4	4.6	5.4	4.9	-
Aircraft equipment, nec	3728	41.1	41.8	41.7	41.6	-	3.4	3.9	4.2	4.4	-
Ship and boat building and repairing	373	39.3	40.1	40.3	40.0	-	2.3	2.8	3.2	3.2	-
Ship building and repairing	3731	39.5	40.4	40.3	40.1	-	2.5	3.1	3.5	3.6	-
Boat building and repairing	3732	38.9	39.2	40.0	39.6	-	1.8	2.0	2.5	2.0	-
Railroad equipment	374	37.7	39.7	42.8	-	-	1.8	2.5	3.7	-	-
Guided missiles, space vehicles, and parts	376	41.4	42.0	40.6	41.6	-	3.6	4.1	2.8	2.9	-
Guided missiles and space vehicles	3761	41.6	42.3	41.0	41.8	-	3.9	4.6	2.9	2.8	-
Miscellaneous transportation equipment	379	39.4	40.2	40.5	40.5	-	2.5	2.8	2.9	3.0	-
Travel trailers and campers	3792	38.7	38.8	38.0	38.1	-	2.4	2.3	1.9	1.9	-
Instruments and related products	38	40.3	40.9	40.9	41.0	41.4	2.1	2.4	2.3	2.4	-
Engineering and scientific instruments	381	41.1	41.4	41.1	41.3	-	2.3	2.7	2.5	2.5	-
Measuring and controlling devices	382	40.0	41.1	41.2	41.4	-	1.8	2.0	2.3	2.4	-
Environmental controls	3822	39.3	40.7	40.3	40.8	-	2.3	2.9	2.0	2.4	-
Process control instruments	3823	38.8	39.5	40.5	41.6	-	1.2	1.3	2.6	2.9	-
Instruments to measure electricity	3825	40.8	42.3	41.6	41.3	-	1.4	1.6	2.0	2.0	-
Optical instruments and lenses	383	42.4	43.7	43.2	43.2	-	2.6	3.2	3.4	3.5	-
Medical instruments and supplies	384	39.9	40.1	39.3	39.5	-	2.4	2.6	2.1	2.1	-
Surgical and medical instruments	3841	40.3	40.4	38.5	39.7	-	2.3	2.5	2.0	2.3	-
Surgical appliances and supplies	3842	39.6	39.8	40.0	39.2	-	2.6	2.8	2.2	2.0	-
Ophthalmic goods	385	40.0	40.1	40.0	40.1	-	1.9	2.3	1.8	1.9	-
Photographic equipment and supplies	386	40.6	41.4	42.6	42.4	-	1.9	2.5	2.6	2.6	-
Watches, clocks, and watchcases	387	41.0	40.0	39.8	41.0	-	2.9	3.2	2.6	2.8	-
Miscellaneous manufacturing	39	39.0	39.4	38.9	38.9	39.2	1.9	2.3	1.9	2.1	-
Jewelry, silverware, and plated ware	391	37.9	38.6	36.7	37.8	-	1.4	1.8	.6	1.4	-
Jewelry, precious metal	3911	36.8	37.5	36.0	37.2	-	1.1	1.5	.5	1.4	-
Musical instruments	393	40.4	39.6	39.6	39.8	-	1.9	1.8	.8	1.6	-
Toys and sporting goods	394	39.3	39.7	39.1	39.1	-	1.9	2.3	2.1	2.4	-
Dolls, games, toys, and children's vehicles	3942,4	38.9	39.6	38.1	38.5	-	1.8	2.5	1.5	1.9	-
Sporting and athletic goods, nec	3949	39.7	39.8	40.2	39.9	-	1.9	2.0	2.7	2.9	-
Pens, pencils, office, and art supplies	395	40.5	39.9	40.7	41.0	-	2.1	2.1	3.0	2.7	-
Costume jewelry and notions	396	36.4	38.0	37.4	36.9	-	1.9	2.8	1.5	1.8	-
Costume jewelry	3961	34.3	36.6	36.1	35.1	-	1.5	3.0	1.4	1.5	-
Miscellaneous manufactures	399	39.4	39.7	39.3	39.1	-	2.0	2.4	2.1	2.0	-
Signs and advertising displays	3993	39.7	40.5	39.3	39.5	-	2.0	2.9	2.5	2.3	-
Nondurable goods		39.7	40.1	39.4	39.6	39.6	3.3	3.5	3.1	3.2	3.4
Food and kindred products	20	40.0	40.4	39.6	40.0	40.2	4.2	4.5	3.9	4.4	-
Meat products	201	39.5	39.9	39.9	39.8	-	3.6	3.9	3.6	3.6	-
Meat packing plants	2011	41.1	41.3	40.7	40.5	-	4.5	4.8	4.0	3.9	-
Sausages and other prepared meats	2013	40.4	40.4	40.2	40.5	-	3.7	3.8	3.8	3.8	-
Poultry dressing plants	2016	37.3	38.2	39.1	38.9	-	2.5	2.9	3.2	3.1	-
Dairy products	202	41.7	41.9	41.7	41.0	-	4.3	4.5	4.4	4.1	-
Cheese, natural and processed	2022	39.1	40.1	40.6	39.6	-	3.1	3.6	3.4	3.1	-
Fluid milk	2026	42.3	42.7	42.5	41.5	-	4.7	5.0	5.0	4.5	-
Preserved fruits and vegetables	203	40.5	41.0	37.6	39.7	-	5.5	6.1	4.0	5.8	-
Canned specialties	2032	44.0	46.2	40.3	41.2	-	6.6	9.5	4.9	6.2	-
Canned fruits and vegetables	2033	40.4	41.4	37.4	40.1	-	5.9	7.0	4.4	6.7	-
Frozen fruits and vegetables	2037	41.0	39.9	36.6	38.9	-	5.2	5.6	3.8	5.5	-
Grain mill products	204	43.0	44.2	42.7	43.4	-	5.6	6.4	5.3	6.0	-
Flour and other grain mill products	2041	46.2	48.2	44.0	44.7	-	6.7	8.5	5.3	6.3	-
Prepared feeds, nec	2048	42.9	43.5	43.1	43.0	-	5.8	6.1	5.9	6.2	-
Bakery products	205	38.0	38.1	38.5	38.4	-	2.8	3.1	2.9	2.8	-
Bread, cake, and related products	2051	37.6	37.7	38.1	38.1	-	3.0	3.2	3.3	3.2	-
Cookies and crackers	2052	39.0	39.0	39.6	39.4	-	2.4	2.7	2.0	1.9	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Durable goods—Continued											
Transportation equipment	37	\$11.52	\$11.80	\$12.13	\$12.11	\$12.22	\$474.62	\$505.04	\$508.25	\$504.99	\$514.46
Motor vehicles and equipment	371	11.92	12.31	12.61	12.58	12.71	503.02	546.56	537.19	532.13	546.53
Motor vehicles and car bodies	3711	13.06	13.59	14.11	14.07	-	534.15	611.55	598.26	579.68	-
Truck and bus bodies	3713	8.88	9.33	9.78	9.88	-	358.75	379.73	402.94	404.09	-
Motor vehicle parts and accessories	3714	11.56	11.75	12.09	12.11	-	506.33	522.88	522.29	529.21	-
Truck trailers	3715	8.58	8.70	8.90	8.83	-	350.06	359.31	362.23	357.62	-
Aircraft and parts	372	11.83	11.90	12.36	12.35	-	480.30	491.47	514.18	512.53	-
Aircraft	3721	12.55	12.64	-	-	-	505.77	511.92	-	-	-
Aircraft engines and engine parts	3724	11.67	11.77	12.44	12.47	-	473.80	495.52	524.97	521.25	-
Aircraft equipment, nec	3728	10.75	10.81	11.25	11.33	-	441.83	451.86	469.13	471.33	-
Ship and boat building and repairing	373	9.72	9.80	10.32	10.35	-	382.00	392.98	415.90	414.00	-
Ship building and repairing	3731	10.44	10.54	11.23	11.21	-	412.38	425.82	452.57	449.52	-
Boat building and repairing	3732	7.53	7.55	7.77	7.82	-	292.92	295.96	310.80	309.67	-
Railroad equipment	374	12.33	12.46	12.47	-	-	464.84	494.66	533.72	-	-
Guided missiles, space vehicles, and parts	376	11.59	11.70	11.83	11.82	-	479.83	491.40	480.30	491.71	-
Guided missiles and space vehicles	3761	11.84	11.94	12.05	12.02	-	492.54	505.06	494.05	502.44	-
Miscellaneous transportation equipment	379	9.23	9.53	9.64	9.69	-	363.66	383.11	390.42	392.45	-
Travel trailers and campers	3792	8.21	8.38	8.41	8.46	-	317.73	325.14	319.58	322.33	-
Instruments and related products	38	8.45	8.54	8.83	8.85	8.89	340.54	349.29	361.15	362.85	368.05
Engineering and scientific instruments	381	8.97	9.08	9.46	9.47	-	368.67	375.91	388.81	391.11	-
Measuring and controlling devices	382	8.47	8.53	8.72	8.77	-	338.80	350.58	359.26	363.08	-
Environmental controls	3822	7.96	8.01	8.04	8.23	-	312.83	326.01	324.01	335.78	-
Process control instruments	3823	8.56	8.61	8.72	8.88	-	332.13	340.10	353.16	369.41	-
Instruments to measure electricity	3825	8.73	8.82	9.09	9.11	-	356.18	373.09	378.14	376.24	-
Optical instruments and lenses	383	9.34	9.26	10.03	10.19	-	396.02	404.66	433.30	440.21	-
Medical instruments and supplies	384	7.37	7.45	7.75	7.71	-	294.06	298.75	304.58	304.55	-
Surgical and medical instruments	3841	7.37	7.41	7.84	7.79	-	297.01	299.36	301.84	309.26	-
Surgical appliances and supplies	3842	7.37	7.51	7.69	7.66	-	291.85	298.90	307.60	300.27	-
Ophthalmic goods	385	6.42	6.45	6.54	6.57	-	256.80	258.65	261.60	263.46	-
Photographic equipment and supplies	386	11.01	11.18	11.48	11.56	-	447.01	462.85	489.05	490.14	-
Watches, clocks, and watchcases	387	6.34	6.38	6.64	6.57	-	259.94	255.20	264.27	269.37	-
Miscellaneous manufacturing	39	6.79	6.83	7.02	6.97	7.00	264.81	269.10	273.08	271.13	274.40
Jewelry, silverware, and plated ware	391	7.26	7.33	7.54	7.54	-	275.15	282.94	276.72	285.01	-
Jewelry, precious metal	3911	7.18	7.30	7.49	7.64	-	264.22	273.75	269.64	284.21	-
Musical instruments	393	6.62	6.59	6.78	6.87	-	267.45	260.96	268.49	273.43	-
Toys and sporting goods	394	6.20	6.24	6.36	6.31	-	243.66	247.73	248.68	246.72	-
Dolls, games, toys, and children's vehicles	3942.4	5.89	5.90	6.07	6.00	-	229.12	233.64	231.27	231.00	-
Sporting and athletic goods, nec	3949	6.54	6.60	6.63	6.63	-	259.64	262.68	266.53	264.54	-
Pens, pencils, office, and art supplies	395	7.01	7.11	7.40	7.30	-	283.91	283.69	301.18	299.30	-
Costume jewelry and notions	396	5.75	5.80	5.88	5.75	-	209.30	220.40	219.91	212.18	-
Costume jewelry	3961	5.26	5.38	5.40	5.39	-	180.42	196.91	194.94	189.19	-
Miscellaneous manufactures	399	7.40	7.45	7.74	7.73	-	291.56	295.77	304.18	302.24	-
Signs and advertising displays	3993	8.05	8.12	8.15	8.26	-	319.59	328.86	320.30	326.27	-
Nondurable goods		8.06	8.11	8.41	8.37	8.43	319.98	325.21	331.35	331.45	333.83
Food and kindred products	20	8.15	8.17	8.41	8.35	8.39	326.00	330.07	333.04	334.00	337.28
Meat products	201	7.34	7.32	7.24	7.24	-	289.93	292.07	288.88	288.15	-
Meat packing plants	2011	8.46	8.45	8.15	8.17	-	347.71	348.99	331.71	330.89	-
Sausages and other prepared meats	2013	9.10	9.02	9.03	9.02	-	367.64	364.41	363.01	365.31	-
Poultry dressing plants	2016	5.31	5.33	5.55	5.56	-	198.06	203.61	217.01	216.28	-
Dairy products	202	8.49	8.60	8.76	8.73	-	354.03	360.34	365.29	357.93	-
Cheese, natural and processed	2022	8.17	8.23	8.33	8.32	-	319.45	330.02	338.20	329.47	-
Fluid milk	2026	8.79	8.88	8.97	9.00	-	371.82	379.18	381.23	373.50	-
Preserved fruits and vegetables	203	7.37	7.30	7.69	7.53	-	298.49	299.30	289.14	298.94	-
Canned specialties	2032	8.80	8.65	9.12	8.93	-	387.20	399.63	367.54	367.92	-
Canned fruits and vegetables	2033	7.42	7.16	7.87	7.55	-	299.77	286.42	294.34	302.76	-
Frozen fruits and vegetables	2037	6.79	7.06	7.04	7.01	-	278.39	281.69	257.66	272.69	-
Grain mill products	204	9.69	9.78	10.12	10.24	-	416.67	432.28	432.12	444.42	-
Flour and other grain mill products	2041	9.87	9.97	9.86	10.09	-	455.99	480.55	433.84	451.02	-
Prepared feeds, nec	2048	7.31	7.40	7.57	7.72	-	313.60	321.90	326.27	331.96	-
Bakery products	205	8.94	9.06	9.44	9.46	-	339.72	345.19	363.44	363.26	-
Bread, cake, and related products	2051	9.00	9.10	9.47	9.45	-	338.40	343.07	360.81	360.05	-
Cookies and crackers	2052	8.80	8.96	9.36	9.49	-	343.20	349.44	370.66	373.91	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	40.4	40.4	39.4	40.5	-	3.1	3.3	2.6	3.2	-
Cane and beet sugar	2061-3	42.9	41.7	42.5	42.4	-	4.9	5.8	4.9	5.1	-
Confectionery products	2065	39.2	39.7	37.7	39.3	-	2.3	2.1	1.7	2.5	-
Fats and oils	207	42.1	43.3	42.0	42.7	-	5.4	5.5	4.5	4.8	-
Beverages	208	41.0	40.9	41.1	41.1	-	4.2	4.3	4.4	4.2	-
Malt beverages	2082	43.5	41.7	43.7	43.2	-	5.9	5.2	6.2	5.8	-
Bottled and canned soft drinks	2086	41.0	40.6	40.9	40.5	-	4.1	3.8	4.2	3.8	-
Misc. food and kindred products	209	37.5	37.7	38.6	38.1	-	3.6	3.4	4.5	4.7	-
Tobacco manufactures	21	37.6	38.4	37.5	38.8	40.3	1.4	1.2	1.2	1.1	-
Cigarettes	211	37.7	37.7	37.9	38.4	-	1.1	.9	1.1	.6	-
Textile mill products	22	41.1	41.5	39.3	39.7	39.4	4.0	4.1	2.9	3.1	-
Weaving mills, cotton	221	41.0	41.8	39.6	39.9	-	4.0	4.4	3.1	3.3	-
Weaving mills, synthetics	222	41.6	41.4	40.4	40.6	-	4.2	4.0	3.1	3.4	-
Weaving and finishing mills, wool	223	41.0	41.1	40.2	42.1	-	4.2	4.1	3.8	4.2	-
Narrow fabric mills	224	40.1	41.0	39.2	39.2	-	2.7	2.9	1.6	2.1	-
Knitting mills	225	39.7	39.8	38.2	37.8	-	3.2	3.3	2.4	2.2	-
Women's hosiery, except socks	2251	41.0	40.9	37.1	36.2	-	3.8	3.9	1.7	1.4	-
Hosiery, nec	2252	39.2	38.6	38.5	38.8	-	2.7	2.3	2.4	2.2	-
Knit outerwear mills	2253	38.2	38.8	37.3	37.0	-	2.8	3.2	2.3	2.3	-
Knit underwear mills	2254	38.0	38.2	38.2	36.9	-	1.8	1.6	1.6	1.7	-
Circular knit fabric mills	2257	42.4	43.0	39.7	39.6	-	4.5	5.0	3.2	3.0	-
Textile finishing, except wool	226	41.6	42.1	38.6	40.8	-	4.5	4.4	3.2	3.9	-
Finishing plants, cotton	2261	41.4	42.5	38.3	40.2	-	4.3	4.4	3.2	4.1	-
Finishing plants, synthetics	2262	41.1	41.1	37.3	40.9	-	4.6	4.2	3.2	4.4	-
Floor covering mills	227	42.9	43.5	40.2	41.9	-	5.3	5.7	3.8	4.2	-
Yarn and thread mills	228	41.4	42.0	39.2	39.0	-	4.0	4.4	2.8	2.9	-
Yarn mills, except wool	2281	42.0	42.9	39.7	39.4	-	4.5	5.0	3.1	3.1	-
Throwing and winding mills	2282	38.8	38.6	36.6	36.7	-	3.1	3.1	2.3	2.5	-
Miscellaneous textile goods	229	43.4	43.5	41.5	42.5	-	4.9	4.5	3.5	4.0	-
Apparel and other textile products	23	36.6	36.8	36.0	36.3	36.0	1.4	1.5	1.1	1.3	-
Men's and boys' suits and coats	231	35.9	36.9	36.9	36.7	-	.9	.9	1.1	1.4	-
Men's and boys' furnishings	232	37.9	37.9	36.7	37.1	-	1.3	1.3	1.0	1.1	-
Men's and boys' shirts and nightwear	2321	37.3	36.9	36.6	37.3	-	1.2	1.2	.8	1.1	-
Men's and boys' separate trousers	2327	37.1	36.9	36.7	36.8	-	1.3	1.2	.9	1.1	-
Men's and boys' work clothing	2328	38.7	39.5	37.4	37.2	-	1.4	1.6	1.2	1.1	-
Women's and misses' outerwear	233	34.7	34.6	34.2	34.2	-	1.2	1.2	.9	1.1	-
Women's and misses' blouses and waists	2331	35.0	35.0	35.1	34.0	-	1.1	1.1	.7	.8	-
Women's and misses' dresses	2335	33.0	33.0	32.5	32.8	-	.9	.8	.7	1.0	-
Women's and misses' suits and coats	2337	35.1	34.6	34.8	35.4	-	1.4	1.3	1.0	1.2	-
Women's and misses' outerwear, nec	2339	35.8	35.7	34.9	34.9	-	1.4	1.4	1.2	1.2	-
Women's and children's undergarments	234	37.0	37.6	35.9	36.9	-	1.5	1.9	1.1	1.5	-
Women's and children's underwear	2341	37.2	37.9	35.9	37.0	-	1.6	2.0	1.1	1.5	-
Brassieres and allied garments	2342	36.2	36.1	35.9	36.5	-	1.1	1.3	1.4	1.6	-
Children's outerwear	236	35.4	35.6	36.3	35.9	-	.9	.7	.9	.8	-
Children's dresses and blouses	2361	35.1	34.1	35.5	34.6	-	.8	.6	1.0	.9	-
Misc. apparel and accessories	238	36.3	36.6	38.2	37.3	-	1.4	1.6	.7	1.3	-
Misc. fabricated textile products	239	39.2	39.8	37.5	38.5	-	2.2	2.8	1.7	2.3	-
Curtains and draperies	2391	39.2	39.7	35.7	37.6	-	1.6	1.9	.7	1.4	-
House furnishings, nec	2392	39.3	40.4	37.0	38.3	-	2.7	3.4	1.6	2.0	-
Automotive and apparel trimmings	2396	40.6	41.5	39.9	42.1	-	3.4	4.2	2.6	4.9	-
Paper and allied products	26	42.8	43.5	43.2	42.9	43.2	4.9	5.4	5.2	5.0	-
Paper and pulp mills	261,2,6	44.4	45.3	45.2	44.6	-	6.5	7.3	7.2	6.6	-
Paper mills, except building paper	262	44.6	45.2	45.4	44.8	-	6.6	7.1	7.3	6.7	-
Paperboard mills	263	43.4	44.6	44.9	44.1	-	7.0	7.7	8.5	7.5	-
Misc. converted paper products	264	41.7	41.9	41.6	41.6	-	3.3	3.5	3.2	3.2	-
Paper coating and glazing	2641	42.8	43.1	42.1	42.7	-	3.2	3.6	3.1	3.2	-
Envelopes	2642	40.1	40.1	40.3	41.2	-	3.0	3.0	3.0	2.9	-
Bags, except textile bags	2643	42.3	42.4	42.2	41.9	-	3.9	3.8	3.9	3.8	-
Paperboard containers and boxes	265	42.1	43.0	42.2	42.2	-	4.3	4.9	4.4	4.4	-
Folding paperboard boxes	2651	41.4	41.8	43.0	42.4	-	3.6	3.9	4.7	4.3	-
Corrugated and solid fiber boxes	2653	43.7	44.9	42.5	42.8	-	5.3	6.1	4.8	5.0	-
Sanitary food containers	2654	42.0	42.6	42.5	42.4	-	3.8	4.3	5.1	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 workers¹ on private nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	\$8.15	\$8.03	\$8.59	\$8.47	-	\$329.26	\$324.41	\$338.45	\$343.04	-
Cane and beet sugar	2061-3	9.84	9.72	10.21	10.25	-	422.14	405.32	433.93	434.60	-
Confectionery products	2065	7.02	6.87	7.44	7.24	-	275.18	272.74	280.49	284.53	-
Fats and oils	207	9.03	9.09	8.96	8.99	-	380.16	393.60	376.32	383.87	-
Beverages	208	10.44	10.54	11.04	11.13	-	428.04	431.09	453.74	457.44	-
Malt beverages	2082	14.01	14.18	15.14	15.33	-	609.44	591.31	661.62	662.26	-
Bottled and canned soft drinks	2086	7.99	8.01	8.38	8.33	-	327.59	325.21	342.74	337.37	-
Misc. food and kindred products	209	7.33	7.48	7.55	7.50	-	274.88	282.00	291.43	285.75	-
Tobacco manufactures	21	10.26	9.90	11.67	10.69	\$10.18	385.78	380.16	437.63	414.77	\$410.25
Cigarettes	211	12.49	12.68	13.53	13.48	-	470.87	478.04	512.79	517.63	-
Textile mill products	22	6.19	6.23	6.43	6.46	6.48	254.41	258.55	252.70	256.46	255.31
Weaving mills, cotton	221	6.44	6.46	6.70	6.71	-	264.04	270.03	265.32	267.73	-
Weaving mills, synthetics	222	6.63	6.67	6.95	6.94	-	275.81	276.14	280.78	281.76	-
Weaving and finishing mills, wool	223	6.59	6.67	6.88	6.83	-	270.19	274.14	276.58	287.54	-
Narrow fabric mills	224	5.87	5.94	6.10	6.15	-	235.39	243.54	239.12	241.08	-
Knitting mills	225	5.69	5.72	5.88	5.91	-	225.89	227.66	224.62	223.40	-
Women's hosiery, except socks	2251	5.58	5.63	5.65	5.76	-	228.78	230.27	209.62	208.51	-
Hosiery, nec	2252	5.40	5.42	5.64	5.61	-	211.68	209.21	217.14	217.67	-
Knit outerwear mills	2253	5.55	5.58	5.79	5.83	-	212.01	216.50	215.97	215.71	-
Knit underwear mills	2254	5.34	5.31	5.51	5.55	-	202.92	202.84	210.48	204.80	-
Circular knit fabric mills	2257	6.38	6.42	6.54	6.52	-	270.51	276.06	259.64	258.19	-
Textile finishing, except wool	226	6.58	6.62	6.77	6.87	-	273.73	278.70	261.32	280.30	-
Finishing plants, cotton	2261	6.66	6.62	6.84	6.93	-	275.72	281.35	261.97	278.59	-
Finishing plants, synthetics	2262	6.84	6.97	7.27	7.33	-	281.12	286.47	271.17	299.80	-
Floor covering mills	227	6.37	6.41	6.64	6.63	-	273.27	278.84	266.93	277.80	-
Yarn and thread mills	228	5.82	5.86	6.04	6.05	-	240.95	246.12	236.77	235.95	-
Yarn mills, except wool	2281	5.83	5.86	6.04	6.05	-	244.86	251.39	239.79	238.37	-
Throwing and winding mills	2282	5.62	5.69	5.86	5.92	-	218.06	219.63	214.48	217.26	-
Miscellaneous textile goods	229	6.88	6.96	7.14	7.15	-	298.59	302.76	296.31	303.88	-
Apparel and other textile products	23	5.35	5.39	5.51	5.53	5.60	195.81	198.35	198.36	200.74	201.60
Men's and boys' suits and coats	231	6.17	6.27	6.60	6.57	-	221.50	231.36	243.54	241.12	-
Men's and boys' furnishings	232	4.92	4.94	5.04	5.05	-	186.47	187.23	184.97	187.36	-
Men's and boys' shirts and nightwear	2321	4.72	4.77	4.87	4.84	-	176.06	176.01	178.24	180.53	-
Men's and boys' separate trousers	2327	5.03	5.03	5.12	5.16	-	186.61	185.61	187.90	189.89	-
Men's and boys' work clothing	2328	4.90	4.89	5.02	5.10	-	189.63	193.16	187.75	189.72	-
Women's and misses' outerwear	233	5.34	5.37	5.47	5.52	-	185.30	185.80	187.07	188.78	-
Women's and misses' blouses and waists	2331	4.91	4.93	5.01	5.09	-	171.85	172.55	175.85	173.06	-
Women's and misses' dresses	2335	5.57	5.54	5.73	5.80	-	183.81	182.82	186.23	190.24	-
Women's and misses' suits and coats	2337	5.99	6.13	6.18	6.17	-	210.25	212.10	215.06	218.42	-
Women's and misses' outerwear, nec	2339	5.05	5.10	5.19	5.19	-	180.79	182.07	181.13	181.13	-
Women's and children's undergarments	234	4.88	4.93	5.04	5.03	-	180.56	185.37	180.94	185.61	-
Women's and children's underwear	2341	4.79	4.84	4.92	4.93	-	178.19	183.44	176.63	182.41	-
Brassieres and allied garments	2342	5.37	5.43	5.63	5.58	-	194.39	196.02	202.12	203.67	-
Children's outerwear	236	4.78	4.81	4.94	4.92	-	169.21	171.24	179.32	176.63	-
Children's dresses and blouses	2361	4.73	4.79	4.86	4.80	-	166.02	163.34	172.53	166.08	-
Misc. apparel and accessories	238	5.34	5.34	5.25	5.38	-	193.84	195.44	200.55	200.67	-
Misc. fabricated textile products	239	6.22	6.29	6.46	6.48	-	243.82	250.34	242.25	249.48	-
Curtains and draperies	2391	4.92	4.92	5.21	5.17	-	192.86	195.32	186.00	194.39	-
House furnishings, nec	2392	5.45	5.35	5.62	5.61	-	214.19	216.14	207.94	214.86	-
Automotive and apparel trimmings	2396	9.91	10.08	9.98	10.24	-	402.35	418.32	398.20	431.10	-
Paper and allied products	26	10.03	10.11	10.56	10.52	10.56	429.28	439.79	456.19	451.31	456.19
Paper and pulp mills	261,2,6	11.83	12.00	12.59	12.59	-	525.25	543.60	569.07	561.51	-
Paper mills, except building paper	262	11.85	11.95	12.63	12.64	-	528.51	540.14	573.40	566.27	-
Paperboard mills	263	12.32	12.34	13.25	13.16	-	534.69	550.36	594.93	580.36	-
Misc. converted paper products	264	8.77	8.86	9.11	9.12	-	365.71	371.23	378.98	379.39	-
Paper coating and glazing	2641	9.91	10.17	10.33	10.41	-	424.15	438.33	434.89	444.51	-
Envelopes	2642	8.06	8.09	8.31	8.22	-	323.21	324.41	334.89	338.66	-
Bags, except textile bags	2643	8.27	8.25	8.64	8.62	-	349.82	349.80	364.61	361.18	-
Paperboard containers and boxes	265	8.66	8.67	8.96	8.93	-	364.59	372.81	378.11	376.85	-
Folding paperboard boxes	2651	8.88	8.87	9.19	9.24	-	367.63	370.77	395.17	391.78	-
Corrugated and solid fiber boxes	2653	8.98	9.03	9.28	9.27	-	392.43	405.45	394.40	396.76	-
Sanitary food containers	2654	8.27	8.27	8.58	8.68	-	347.34	352.30	364.65	368.03	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Nondurable goods—Continued											
Printing and publishing	27	37.7	38.0	37.6	38.0	38.1	2.8	3.1	2.6	2.9	-
Newspapers	271	33.7	34.1	33.9	34.3	-	1.5	1.9	1.7	1.9	-
Periodicals	272	38.0	36.6	37.8	38.0	-	2.9	2.1	2.2	2.9	-
Books	273	39.3	39.8	38.4	39.1	-	3.3	3.5	2.5	3.2	-
Book publishing	2731	37.9	37.5	36.6	37.1	-	1.7	1.6	1.5	1.9	-
Book printing	2732	41.2	42.9	40.6	41.6	-	5.5	6.0	3.8	4.8	-
Miscellaneous publishing	274	35.9	35.1	35.8	36.3	-	1.8	1.7	1.4	1.8	-
Commercial printing	275	38.9	39.5	38.8	39.3	-	3.3	3.7	3.0	3.3	-
Commercial printing, letterpress	2751	38.3	39.0	38.6	39.1	-	2.8	3.4	2.8	3.1	-
Commercial printing, lithographic	2752	39.1	39.7	38.8	39.3	-	3.5	3.9	2.9	3.4	-
Manifold business forms	276	41.3	41.7	41.0	41.1	-	3.7	4.0	3.3	3.2	-
Blankbooks and bookbinding	278	39.1	39.0	39.5	38.7	-	2.0	2.3	2.5	2.2	-
Printing trade services	279	38.9	39.0	39.0	39.6	-	4.2	4.0	3.8	4.1	-
Chemicals and allied products	28	41.4	41.9	41.7	41.7	41.8	3.2	3.5	3.3	3.4	-
Industrial inorganic chemicals	281	41.3	42.0	42.0	41.9	-	2.9	3.4	3.4	3.3	-
Industrial inorganic chemicals, nec	2819	41.5	42.3	42.3	42.0	-	2.9	3.6	3.4	3.2	-
Plastics materials and synthetics	282	42.2	42.5	42.0	42.1	-	3.6	3.6	3.5	3.7	-
Plastics materials and resins	2821	42.9	43.1	43.1	43.5	-	4.7	4.6	4.5	4.9	-
Organic fibers, noncellulosic	2824	42.1	42.7	41.6	41.6	-	2.9	2.9	2.7	2.7	-
Drugs	283	40.3	40.9	40.1	40.8	-	2.8	2.9	2.5	2.7	-
Pharmaceutical preparations	2834	40.2	40.4	39.8	40.5	-	2.8	2.8	2.4	2.6	-
Soap, cleaners, and toilet goods	284	41.1	41.6	41.4	40.9	-	3.3	3.7	2.8	3.1	-
Soap and other detergents	2841	43.6	44.1	44.3	43.4	-	4.9	5.4	4.8	4.9	-
Toilet preparations	2844	39.5	40.4	39.9	39.1	-	2.5	2.9	1.6	1.9	-
Polishing, sanitation, and finishing preparations	2842,3	41.1	40.6	40.7	41.4	-	2.7	2.8	2.5	3.2	-
Paints and allied products	285	41.4	41.3	41.9	41.4	-	3.2	3.2	3.4	3.1	-
Industrial organic chemicals	286	42.2	42.9	43.0	42.8	-	3.6	3.8	4.1	4.2	-
Cyclic crudes and intermediates	2865	41.0	41.2	41.7	42.5	-	3.4	3.6	4.0	5.3	-
Gum, wood, and industrial organic chemicals, nec	2861,9	42.6	43.4	43.4	42.9	-	3.6	3.9	4.1	3.9	-
Agricultural chemicals	287	41.1	41.9	42.4	42.2	-	3.6	4.3	4.5	4.5	-
Miscellaneous chemical products	289	40.8	42.0	41.2	41.6	-	3.0	3.6	2.9	3.3	-
Petroleum and coal products	29	43.5	44.3	43.7	43.8	43.3	3.9	4.3	4.5	4.2	-
Petroleum refining	291	43.6	44.6	43.4	43.3	-	3.2	3.6	3.7	3.3	-
Paving and roofing materials	295	44.1	44.4	46.0	46.6	-	7.0	7.6	8.0	8.0	-
Rubber and misc. plastics products	30	41.2	41.9	41.2	41.2	41.4	3.7	4.1	3.7	3.7	-
Tires and inner tubes	301	43.0	44.4	44.0	44.4	-	5.2	5.6	5.2	5.7	-
Rubber and plastics footwear	302	37.4	37.0	41.0	39.1	-	1.8	1.3	1.9	1.9	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	41.3	42.4	38.9	39.1	-	4.0	4.2	3.5	3.8	-
Fabricated rubber products, nec	306	40.6	41.2	40.6	41.4	-	3.0	3.5	2.8	3.1	-
Miscellaneous plastics products	307	41.1	41.7	41.0	40.8	-	3.7	4.1	3.6	3.6	-
Leather and leather products	31	37.5	37.6	37.3	36.9	37.0	1.6	1.7	1.3	1.3	-
Leather tanning and finishing	311	39.9	40.5	39.2	38.8	-	3.4	3.6	2.1	2.6	-
Footwear, except rubber	314	37.1	36.9	36.8	36.4	-	1.3	1.3	1.1	1.1	-
Men's footwear, except athletic	3143	38.0	37.5	37.2	36.7	-	1.2	1.2	.8	1.1	-
Women's footwear, except athletic	3144	36.7	36.8	36.5	36.2	-	1.4	1.4	1.6	1.1	-
Luggage	316	39.5	38.6	37.4	37.6	-	2.7	2.4	2.1	1.6	-
Handbags and personal leather goods	317	38.3	39.0	37.4	36.3	-	1.7	2.1	1.3	1.3	-
Transportation and public utilities		39.5	39.4	40.0	39.6	39.7	-	-	-	-	-
Railroad transportation:											
Class I railroads ²	4011	43.5	43.3	44.5	43.3	-	-	-	-	-	-
Local and interurban passenger transit	41	36.1	33.7	36.7	36.2	-	-	-	-	-	-
Local and suburban transportation	411	38.2	37.9	39.1	38.6	-	-	-	-	-	-
Intercity highway transportation	413	37.7	37.2	39.6	38.8	-	-	-	-	-	-
Trucking and warehousing	42	39.1	39.1	39.2	39.2	-	-	-	-	-	-
Trucking and trucking terminals	421,3	39.1	39.1	39.2	39.2	-	-	-	-	-	-
Public warehousing	422	38.6	38.8	39.1	39.1	-	-	-	-	-	-
Pipe lines, except natural gas	46	40.9	41.7	40.4	40.5	-	-	-	-	-	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Nondurable goods—Continued											
Printing and publishing	27	\$9.12	\$9.23	\$9.36	\$9.43	\$9.52	\$343.82	\$350.74	\$351.94	\$358.34	\$362.71
Newspapers	271	9.17	9.28	9.43	9.43	-	309.03	316.45	319.68	323.45	-
Periodicals	272	9.67	9.68	10.02	10.19	-	367.46	354.29	378.76	387.22	-
Books	273	8.44	8.73	8.52	8.59	-	331.69	347.45	327.17	335.87	-
Book publishing	2731	7.97	8.15	8.12	8.20	-	302.06	305.63	297.19	304.22	-
Book printing	2732	9.03	9.42	8.97	9.04	-	372.04	404.12	364.18	376.06	-
Miscellaneous publishing	274	8.25	8.26	8.38	8.50	-	296.18	289.93	300.00	308.55	-
Commercial printing	275	9.45	9.55	9.66	9.74	-	367.61	377.23	374.81	382.78	-
Commercial printing, letterpress	2751	8.92	9.08	9.07	9.23	-	341.64	354.12	350.10	360.89	-
Commercial printing, lithographic	2752	9.61	9.70	9.93	9.96	-	375.75	385.09	385.28	391.43	-
Manifold business forms	276	9.33	9.33	9.58	9.53	-	385.33	389.06	392.78	391.68	-
Blankbooks and bookbinding	278	7.07	7.22	7.31	7.30	-	276.44	281.58	288.75	282.51	-
Printing trade services	279	10.90	10.93	11.53	11.63	-	424.01	426.27	449.67	460.55	-
Chemicals and allied products	28	10.62	10.70	11.12	11.12	11.19	439.67	448.33	463.70	463.70	467.74
Industrial inorganic chemicals	281	11.72	11.86	12.43	12.44	-	484.04	498.12	522.06	521.24	-
Industrial inorganic chemicals, nec	2819	11.82	11.89	12.45	12.45	-	490.53	502.95	526.64	522.90	-
Plastics materials and synthetics	282	10.58	10.69	11.13	11.21	-	446.48	454.33	467.46	471.94	-
Plastics materials and resins	2821	11.54	11.64	12.05	12.20	-	495.07	501.68	519.36	530.70	-
Organic fibers, noncellulosic	2824	10.08	10.19	10.68	10.71	-	424.37	435.11	444.29	445.54	-
Drugs	283	9.81	9.82	10.24	10.20	-	395.34	401.64	410.62	416.16	-
Pharmaceutical preparations	2834	9.43	9.49	10.02	10.02	-	379.09	383.40	398.80	405.81	-
Soap, cleaners, and toilet goods	284	9.56	9.60	9.82	9.75	-	392.92	399.36	406.55	398.78	-
Soap and other detergents	2841	12.52	12.41	12.84	12.76	-	545.87	547.28	568.81	553.78	-
Toilet preparations	2844	7.77	7.83	7.97	7.91	-	306.92	316.33	318.00	309.28	-
Polishing, sanitation, and finishing preparations	2842,3	8.99	9.10	9.31	9.43	-	369.49	369.46	378.92	390.40	-
Paints and allied products	285	9.31	9.36	9.70	9.73	-	385.43	386.57	406.43	402.82	-
Industrial organic chemicals	286	12.79	12.91	13.53	13.49	-	539.74	553.84	581.79	577.37	-
Cyclic crudes and intermediates	2865	12.09	12.61	12.99	13.07	-	495.69	519.53	541.68	555.48	-
Gum, wood, and industrial organic chemicals, nec	2861,9	13.00	13.00	13.69	13.62	-	553.80	564.20	594.15	584.30	-
Agricultural chemicals	287	10.51	10.67	10.94	10.99	-	431.96	447.07	463.86	463.78	-
Miscellaneous chemical products	289	9.67	9.77	10.11	10.11	-	394.54	410.34	416.53	420.58	-
Petroleum and coal products	29	13.17	13.38	13.27	13.30	13.49	572.90	592.73	579.90	582.54	584.12
Petroleum refining	291	14.28	14.52	14.44	14.48	-	622.61	647.59	626.70	626.98	-
Paving and roofing materials	295	9.76	9.86	10.10	10.08	-	430.42	437.78	464.60	469.73	-
Rubber and misc. plastics products	30	8.00	8.05	8.30	8.28	8.32	329.60	337.30	341.96	341.14	344.45
Tires and inner tubes	301	12.58	12.55	12.97	13.07	-	540.94	557.22	570.68	580.31	-
Rubber and plastics footwear	302	5.15	5.19	5.37	5.44	-	192.61	192.03	220.17	212.70	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	8.26	8.23	8.23	8.29	-	341.14	348.95	320.15	324.14	-
Fabricated rubber products, nec	306	7.74	7.84	8.04	8.02	-	314.24	323.01	326.42	332.03	-
Miscellaneous plastics products	307	7.29	7.35	7.60	7.57	-	299.62	306.50	311.60	308.86	-
Leather and leather products	31	5.52	5.57	5.70	5.65	5.70	207.00	209.43	212.61	208.49	210.90
Leather tanning and finishing	311	7.42	7.47	7.47	7.50	-	296.06	302.54	292.82	291.00	-
Footwear, except rubber	314	5.26	5.30	5.45	5.37	-	195.15	195.57	200.56	195.47	-
Men's footwear, except athletic	3143	5.48	5.52	5.74	5.68	-	208.24	207.00	213.53	208.46	-
Women's footwear, except athletic	3144	5.18	5.19	5.29	5.15	-	190.11	190.99	193.09	186.43	-
Luggage	316	6.21	6.22	6.30	6.19	-	245.30	240.09	235.62	232.74	-
Handbags and personal leather goods	317	5.13	5.24	5.55	5.52	-	196.48	204.36	207.57	200.38	-
Transportation and public utilities		10.69	10.88	11.18	11.17	11.28	422.26	428.67	447.20	442.33	447.82
Railroad transportation:											
Class I railroads ²	4011	12.89	13.13	13.29	13.18	-	560.72	568.53	591.41	570.69	-
Local and interurban passenger transit	41	7.89	7.63	7.87	7.80	-	284.83	257.13	288.83	282.36	-
Local and suburban transportation	411	8.09	8.04	7.98	7.98	-	309.04	304.72	312.02	308.03	-
Intercity highway transportation	413	12.00	11.98	11.85	11.46	-	452.40	445.66	469.26	444.65	-
Trucking and warehousing	42	10.31	10.39	10.40	10.36	-	403.12	406.25	407.68	406.11	-
Trucking and trucking terminals	421,3	10.51	10.60	10.56	10.52	-	410.94	414.46	413.95	412.38	-
Public warehousing	422	7.39	7.49	8.00	7.92	-	285.25	290.61	312.80	309.67	-
Pipe lines, except natural gas	46	13.96	14.11	14.62	14.31	-	570.96	588.39	590.65	579.56	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^P	Sept. 1984 ^P
Transportation and public utilities—Continued											
Communication	48	38.9	39.9	40.5	40.0	-	-	-	-	-	-
Telephone communication	481	40.2	40.5	41.2	40.7	-	-	-	-	-	-
Radio and television broadcasting	483	37.5	37.7	37.5	37.1	-	-	-	-	-	-
Electric, gas, and sanitary services	49	41.4	41.5	41.4	41.4	-	-	-	-	-	-
Electric services	491	41.7	41.7	41.7	41.6	-	-	-	-	-	-
Gas production and distribution	492	40.5	40.9	40.7	41.2	-	-	-	-	-	-
Combination utility services	493	41.9	41.8	41.7	41.7	-	-	-	-	-	-
Sanitary services	495	41.4	41.3	41.3	41.3	-	-	-	-	-	-
Wholesale trade		38.6	38.7	38.8	38.8	38.8	-	-	-	-	-
Durable goods	50	39.0	39.1	39.3	39.4	-	-	-	-	-	-
Motor vehicles and automotive equipment	501	39.0	39.1	39.3	39.3	-	-	-	-	-	-
Furniture and home furnishings	502	37.3	37.6	37.7	37.8	-	-	-	-	-	-
Lumber and construction materials	503	39.4	39.5	39.1	39.4	-	-	-	-	-	-
Sporting goods, toys, and hobby goods	504	38.3	38.0	38.6	38.5	-	-	-	-	-	-
Metals and minerals, except petroleum	505	40.3	40.2	40.4	40.6	-	-	-	-	-	-
Electrical goods	506	38.9	38.9	39.3	39.5	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	39.0	38.9	38.6	38.6	-	-	-	-	-	-
Machinery, equipment, and supplies	508	39.4	39.4	39.8	39.8	-	-	-	-	-	-
Miscellaneous durable goods	509	37.5	37.7	38.1	38.2	-	-	-	-	-	-
Nondurable goods	51	38.0	38.1	38.0	37.9	-	-	-	-	-	-
Paper and paper products	511	37.5	37.3	37.7	37.9	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	37.8	38.0	37.6	37.7	-	-	-	-	-	-
Apparel, piece goods, and notions	513	36.9	37.0	36.3	36.5	-	-	-	-	-	-
Groceries and related products	514	38.6	38.7	38.6	38.4	-	-	-	-	-	-
Chemicals and allied products	516	39.8	39.5	39.5	39.3	-	-	-	-	-	-
Petroleum and petroleum products	517	38.8	39.4	39.3	39.4	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	36.1	36.0	36.4	36.3	-	-	-	-	-	-
Miscellaneous nondurable goods	519	37.3	37.2	37.5	37.3	-	-	-	-	-	-
Retail trade		30.5	29.9	30.7	30.6	30.1	-	-	-	-	-
Building materials and garden supplies	52	36.3	36.1	37.4	37.2	-	-	-	-	-	-
Lumber and other building materials	521	37.1	36.9	39.4	39.2	-	-	-	-	-	-
Hardware stores	525	34.1	34.0	34.0	33.7	-	-	-	-	-	-
General merchandise stores	53	30.0	29.6	30.1	30.0	-	-	-	-	-	-
Department stores	531	29.8	29.6	30.1	29.9	-	-	-	-	-	-
Variety stores	533	30.8	29.9	30.1	30.3	-	-	-	-	-	-
Misc. general merchandise stores	539	31.2	30.3	31.6	31.9	-	-	-	-	-	-
Food stores	54	31.4	30.8	31.6	31.3	-	-	-	-	-	-
Grocery stores	541	31.6	31.0	31.8	31.5	-	-	-	-	-	-
Retail bakeries	546	28.4	28.7	28.7	29.4	-	-	-	-	-	-
Automotive dealers and service stations	55	37.0	36.8	37.5	37.5	-	-	-	-	-	-
New and used car dealers	551,2	37.9	37.9	38.1	38.1	-	-	-	-	-	-
Auto and home supply stores	553	39.2	39.2	40.7	40.4	-	-	-	-	-	-
Gasoline service stations	554	34.9	34.3	35.1	35.2	-	-	-	-	-	-
Apparel and accessory stores	56	28.7	27.8	28.8	28.9	-	-	-	-	-	-
Men's and boys' clothing and furnishings	561	31.4	30.3	30.9	31.6	-	-	-	-	-	-
Women's ready-to-wear stores	562	27.7	27.0	28.1	27.4	-	-	-	-	-	-
Family clothing stores	565	28.7	27.4	29.1	29.5	-	-	-	-	-	-
Shoe stores	566	29.1	27.8	28.3	29.4	-	-	-	-	-	-
Furniture and home furnishings stores	57	34.6	34.5	34.6	34.3	-	-	-	-	-	-
Furniture and home furnishings stores	571	34.2	34.2	34.3	34.3	-	-	-	-	-	-
Household appliance stores	572	34.5	34.1	34.3	34.5	-	-	-	-	-	-
Radio, television, and music stores	573	35.5	35.1	35.1	34.4	-	-	-	-	-	-
Eating and drinking places ³	58	27.3	26.4	27.2	27.1	-	-	-	-	-	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Transportation and public utilities—Continued											
Communication	48	\$9.72	\$10.91	\$11.27	\$11.48	-	\$378.11	\$435.31	\$456.44	\$459.20	-
Telephone communication	481	11.12	11.55	11.92	12.23	-	447.02	467.78	491.10	497.76	-
Radio and television broadcasting	483	9.17	9.10	9.72	9.72	-	343.88	343.07	364.50	360.61	-
Electric, gas, and sanitary services	49	11.51	11.64	12.17	12.18	-	476.51	483.06	503.84	504.25	-
Electric services	491	11.60	11.74	12.29	12.36	-	483.72	489.56	512.49	514.18	-
Gas production and distribution	492	10.41	10.53	11.07	10.92	-	421.61	430.68	450.55	449.90	-
Combination utility services	493	13.45	13.47	14.10	14.15	-	563.56	563.05	587.97	590.06	-
Sanitary services	495	8.88	8.95	9.20	9.16	-	367.63	369.64	379.96	378.31	-
Wholesale trade		8.54	8.62	8.97	8.93	\$9.02	329.64	333.59	348.04	346.48	\$349.98
Durable goods	50	8.50	8.60	8.96	8.97	-	331.50	336.26	352.13	353.42	-
Motor vehicles and automotive equipment	501	7.78	7.87	8.13	8.15	-	303.42	307.72	319.51	320.30	-
Furniture and home furnishings	502	7.42	7.54	7.93	8.02	-	276.77	283.50	298.96	303.16	-
Lumber and construction materials	503	8.23	8.31	8.51	8.37	-	324.26	328.25	332.74	329.78	-
Sporting goods, toys, and hobby goods	504	8.78	8.96	9.75	9.75	-	336.27	340.48	376.35	375.38	-
Metals and minerals, except petroleum	505	9.14	9.16	9.65	9.59	-	368.34	368.23	389.86	389.35	-
Electrical goods	506	9.08	9.18	9.30	9.36	-	353.21	357.10	365.49	369.72	-
Hardware, plumbing, and heating equipment	507	7.98	8.07	8.45	8.45	-	311.22	313.92	326.17	326.17	-
Machinery, equipment, and supplies	508	8.84	8.95	9.41	9.47	-	348.30	352.63	374.52	376.91	-
Miscellaneous durable goods	509	7.36	7.43	7.55	7.44	-	276.00	280.11	287.66	284.21	-
Nondurable goods	51	8.59	8.65	8.99	8.88	-	326.42	329.57	341.62	336.55	-
Paper and paper products	511	9.34	9.46	9.65	9.57	-	350.25	352.86	363.81	362.70	-
Drugs, proprietaries, and sundries	512	9.29	9.39	9.77	9.65	-	351.16	356.82	367.35	363.81	-
Apparel, piece goods, and notions	513	8.17	8.17	8.57	8.56	-	301.47	302.29	311.09	312.44	-
Groceries and related products	514	8.75	8.78	9.18	9.04	-	337.75	339.79	354.35	347.14	-
Chemicals and allied products	516	9.79	10.00	10.46	10.26	-	389.64	395.00	413.17	403.22	-
Petroleum and petroleum products	517	10.13	10.18	9.99	9.75	-	393.04	401.09	392.61	384.15	-
Beer, wine, and distilled beverages	518	10.29	10.27	10.88	10.78	-	371.47	369.72	396.03	391.31	-
Miscellaneous nondurable goods	519	6.82	6.93	7.30	7.24	-	254.39	257.80	273.75	270.05	-
Retail trade		5.73	5.78	5.87	5.83	5.90	174.77	172.82	180.21	178.40	177.59
Building materials and garden supplies	52	6.24	6.26	6.44	6.47	-	226.51	225.99	240.86	240.68	-
Lumber and other building materials	521	6.48	6.54	6.70	6.73	-	240.41	241.33	263.98	263.82	-
Hardware stores	525	5.50	5.54	5.59	5.59	-	187.55	188.36	190.06	188.38	-
General merchandise stores	53	5.63	5.67	5.63	5.61	-	168.90	167.83	169.46	168.30	-
Department stores	531	5.86	5.89	5.83	5.80	-	174.63	174.34	175.48	173.42	-
Variety stores	533	4.35	4.37	4.48	4.50	-	133.98	130.66	134.85	136.35	-
Misc. general merchandise stores	539	4.54	4.53	4.51	4.52	-	141.65	137.26	142.52	144.19	-
Food stores	54	7.54	7.62	7.65	7.60	-	236.76	234.70	241.74	237.88	-
Grocery stores	541	7.81	7.89	7.91	7.86	-	246.80	244.59	251.54	247.59	-
Retail bakeries	546	5.13	5.18	5.30	5.21	-	145.69	148.67	152.11	153.17	-
Automotive dealers and service stations	55	6.79	6.82	7.15	7.06	-	251.23	250.98	268.13	264.75	-
New and used car dealers	551,2	8.12	8.12	8.68	8.53	-	307.75	307.75	330.71	324.99	-
Auto and home supply stores	553	6.21	6.22	6.50	6.45	-	243.43	243.82	264.55	260.58	-
Gasoline service stations	554	5.19	5.19	5.23	5.23	-	181.13	178.02	183.57	184.10	-
Apparel and accessory stores	56	4.95	5.03	5.12	5.03	-	142.07	139.83	147.46	145.37	-
Men's and boys' clothing and furnishings	561	5.65	5.76	5.82	5.67	-	177.41	174.53	179.84	179.17	-
Women's ready-to-wear stores	562	4.68	4.74	4.90	4.89	-	129.64	127.98	137.69	133.99	-
Family clothing stores	565	4.87	5.00	5.01	4.73	-	139.77	137.00	145.79	139.54	-
Shoe stores	566	5.04	5.06	5.17	5.17	-	146.66	140.67	146.31	152.00	-
Furniture and home furnishings stores	57	6.68	6.66	7.05	6.99	-	231.13	229.77	243.93	239.76	-
Furniture and home furnishings stores	571	6.54	6.53	6.92	6.89	-	223.67	223.33	237.36	236.33	-
Household appliance stores	572	7.09	7.09	7.15	7.18	-	244.61	241.77	245.25	247.71	-
Radio, television, and music stores	573	6.79	6.75	7.25	7.09	-	241.05	236.93	254.48	243.90	-
Eating and drinking places ³	58	4.26	4.29	4.31	4.30	-	116.30	113.26	117.23	116.53	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Retail trade—Continued											
Miscellaneous retail	59	31.3	30.8	31.9	31.8	-	-	-	-	-	-
Drug stores and proprietary stores	591	29.1	28.4	31.0	30.7	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	30.6	29.7	30.6	30.4	-	-	-	-	-	-
Nonstore retailers	596	34.2	33.9	34.1	34.7	-	-	-	-	-	-
Fuel and ice dealers	598	37.3	37.5	37.9	37.7	-	-	-	-	-	-
Retail stores, nec	599	32.5	32.1	32.5	32.2	-	-	-	-	-	-
Finance, insurance, and real estate⁴		36.1	36.1	36.7	36.4	36.6	-	-	-	-	-
Banking	60	36.4	36.1	37.0	36.5	-	-	-	-	-	-
Commercial and stock savings banks	602	36.4	36.1	37.0	36.5	-	-	-	-	-	-
Credit agencies other than banks	61	37.0	36.9	37.3	37.1	-	-	-	-	-	-
Savings and loan associations	612	36.3	36.0	37.0	36.5	-	-	-	-	-	-
Personal credit institutions	614	37.6	37.5	37.0	37.1	-	-	-	-	-	-
Insurance carriers	63	37.1	37.0	37.2	37.2	-	-	-	-	-	-
Life insurance	631	36.7	36.8	36.9	37.0	-	-	-	-	-	-
Medical service and health insurance	632	37.4	37.1	37.1	37.4	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	37.0	36.9	37.1	37.1	-	-	-	-	-	-
Services		33.0	32.7	33.1	33.0	32.8	-	-	-	-	-
Hotels and other lodging places:											
Hotels, motels, and tourist courts ³	701	31.7	31.0	31.9	31.6	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services	721	33.6	33.7	34.0	33.9	-	-	-	-	-	-
Beauty shops ²	723	28.3	29.1	29.0	29.1	-	-	-	-	-	-
Business services	73	33.5	33.2	33.7	33.8	-	-	-	-	-	-
Advertising	731	36.3	36.4	36.0	36.1	-	-	-	-	-	-
Services to buildings	734	28.1	27.7	28.9	28.9	-	-	-	-	-	-
Computer and data processing services	737	38.4	38.3	38.5	38.2	-	-	-	-	-	-
Auto repair, services, and garages	75	37.7	37.8	38.1	38.2	-	-	-	-	-	-
Automotive repair shops	753	38.8	39.0	39.0	39.4	-	-	-	-	-	-
Miscellaneous repair services	76	38.6	38.5	38.9	39.2	-	-	-	-	-	-
Motion pictures	78	29.5	28.7	30.3	30.4	-	-	-	-	-	-
Motion picture production and services	781	39.2	38.7	39.6	39.8	-	-	-	-	-	-
Amusement and recreation services	79	32.1	29.4	32.0	31.8	-	-	-	-	-	-
Health services	80	32.7	32.6	32.8	32.5	-	-	-	-	-	-
Offices of physicians	801	31.0	31.0	30.6	30.6	-	-	-	-	-	-
Offices of dentists	802	27.9	27.9	28.9	29.0	-	-	-	-	-	-
Nursing and personal care facilities	805	31.4	31.5	32.2	31.3	-	-	-	-	-	-
Hospitals	806	34.4	34.3	34.3	34.1	-	-	-	-	-	-
Legal services	81	34.8	34.6	34.9	34.6	-	-	-	-	-	-
Miscellaneous services	89	38.9	38.7	38.8	39.0	-	-	-	-	-	-
Engineering and architectural services	891	39.8	39.6	39.8	40.0	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	893	38.3	38.2	37.5	37.8	-	-	-	-	-	-

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				
		Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Retail trade—Continued											
Miscellaneous retail	59	\$5.67	\$5.73	\$5.82	\$5.78	-	\$177.47	\$176.48	\$185.66	\$183.80	-
Drug stores and proprietary stores	591	5.45	5.53	5.38	5.32	-	158.60	157.05	166.78	163.32	-
Miscellaneous shopping goods stores	594	5.32	5.38	5.53	5.52	-	162.79	159.79	169.22	167.81	-
Nonstore retailers	596	6.15	6.13	6.35	6.24	-	210.33	207.81	216.54	216.53	-
Fuel and ice dealers	598	7.59	7.68	8.05	8.04	-	283.11	288.00	305.10	303.11	-
Retail stores, nec	599	5.82	5.91	6.23	6.19	-	189.15	189.71	202.48	199.32	-
Finance, insurance, and real estate⁴		7.24	7.33	7.60	7.60	\$7.80	261.36	264.61	278.92	276.64	\$285.48
Banking	60	6.23	6.30	6.55	6.51	-	226.77	227.43	242.35	237.62	-
Commercial and stock savings banks	602	6.11	6.18	6.41	6.37	-	222.40	223.10	237.17	232.51	-
Credit agencies other than banks	61	6.45	6.47	6.92	6.84	-	238.65	238.74	258.12	253.76	-
Savings and loan associations	612	5.87	5.90	6.26	6.23	-	213.08	212.40	231.62	227.40	-
Personal credit institutions	614	6.46	6.49	6.74	6.57	-	242.90	243.38	249.38	243.75	-
Insurance carriers	63	8.17	8.23	8.54	8.48	-	303.11	304.51	317.69	315.46	-
Life insurance	631	8.19	8.22	8.42	8.34	-	300.57	302.50	310.70	308.58	-
Medical service and health insurance	632	7.83	7.95	8.43	8.30	-	292.84	294.95	312.75	310.42	-
Fire, marine, and casualty insurance	633	8.23	8.25	8.62	8.57	-	304.51	304.43	319.80	317.95	-
Services		7.24	7.37	7.56	7.53	7.70	238.92	241.00	250.24	248.49	252.56
Hotels and other lodging places:											
Hotels, motels, and tourist courts ³	701	5.13	5.30	5.31	5.29	-	162.62	164.30	169.39	167.16	-
Personal services:											
Laundry, cleaning, and garment services	721	5.42	5.44	5.61	5.61	-	182.11	183.33	190.74	190.18	-
Beauty shops ³	723	5.41	5.35	5.79	5.71	-	153.10	155.69	167.91	166.16	-
Business services	73	7.61	7.64	7.91	7.83	-	254.94	253.65	266.57	264.65	-
Advertising	731	9.66	9.77	10.65	10.34	-	350.66	355.63	383.40	373.27	-
Services to buildings	734	6.00	5.95	6.19	6.13	-	168.60	164.82	178.89	177.16	-
Computer and data processing services	737	10.21	10.21	10.55	10.53	-	392.06	391.04	406.18	402.25	-
Auto repair, services, and garages	75	6.94	6.98	7.09	7.13	-	261.64	263.84	270.13	272.37	-
Automotive repair shops	753	7.52	7.58	7.72	7.71	-	291.78	295.62	301.08	303.77	-
Miscellaneous repair services	76	8.24	8.26	8.58	8.63	-	318.06	318.01	333.76	338.30	-
Motion pictures	78	10.27	11.22	10.51	11.40	-	302.97	322.01	318.45	346.56	-
Motion picture production and services	781	14.60	15.16	15.28	16.58	-	572.32	586.69	605.09	659.88	-
Amusement and recreation services	79	6.06	6.71	6.39	6.31	-	194.53	197.27	204.48	200.66	-
Health services	80	7.41	7.49	7.77	7.75	-	242.31	244.17	254.86	251.88	-
Offices of physicians	801	7.24	7.30	7.61	7.58	-	224.44	226.30	232.87	231.95	-
Offices of dentists	802	7.09	7.22	7.41	7.40	-	197.81	201.44	214.15	214.60	-
Nursing and personal care facilities	805	5.22	5.26	5.41	5.39	-	163.91	165.69	174.20	168.71	-
Hospitals	806	8.16	8.26	8.61	8.59	-	280.70	283.32	295.32	292.92	-
Legal services	81	9.19	9.23	9.94	9.74	-	319.81	319.36	346.91	337.00	-
Miscellaneous services	89	10.70	10.77	11.13	11.04	-	416.23	416.80	431.84	430.56	-
Engineering and architectural services	891	11.39	11.54	11.77	11.76	-	453.32	456.98	468.45	470.40	-
Accounting, auditing, and bookkeeping	893	9.10	9.12	9.61	9.37	-	348.53	348.38	360.38	354.19	-

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 Beginning in January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

³ Money payments only; tips, not included.

⁴ 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 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Manufacturing	\$8.44	\$8.52	\$8.82	\$8.78	\$8.84
Durable goods	8.98	9.07	9.32	9.29	9.35
Lumber and wood products	7.49	7.55	7.71	7.72	(²)
Furniture and fixtures	6.46	6.51	6.70	6.68	(²)
Stone, clay, and glass products	8.81	8.91	9.10	9.07	(²)
Primary metal industries	10.85	10.86	10.94	10.92	(²)
Fabricated metal products	8.75	8.80	8.97	8.92	(²)
Machinery, except electrical	9.23	9.27	9.55	9.53	(²)
Electrical and electronic equipment	8.34	8.41	8.65	8.69	(²)
Transportation equipment	11.03	11.19	11.56	11.52	(²)
Instruments and related products	8.24	8.30	8.59	8.60	(²)
Miscellaneous manufacturing	6.63	6.64	6.86	6.79	(²)
Nondurable goods	7.74	7.77	8.09	8.04	\$8.09
Food and kindred products	7.74	7.74	8.02	7.92	(²)
Tobacco manufactures	10.07	9.74	11.48	10.53	(²)
Textile mill products	5.91	5.94	6.20	6.22	(²)
Apparel and other textile products	5.25	5.29	5.43	5.43	(²)
Paper and allied products	9.48	9.52	9.95	9.94	(²)
Printing and publishing	8.80	8.87	9.05	9.09	(²)
Chemicals and allied products	10.22	10.27	10.70	10.68	(²)
Petroleum and coal products	12.61	12.76	12.63	12.70	(²)
Rubber and misc. plastics products	7.66	7.67	7.94	7.92	(²)
Leather and leather products	5.40	5.45	5.61	5.55	(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 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 forward are subject to revision.

C-4. Average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls by major industry, in current and constant (1977) dollars.

Industry	Average hourly earnings					Average weekly earnings				
	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p	Aug. 1983	Sept. 1983	July 1984	Aug. 1984 ^p	Sept. 1984 ^p
Total private:										
Current dollars	\$7.95	\$8.12	\$8.32	\$8.30	\$8.43	\$280.64	\$286.64	\$296.19	\$294.65	\$299.27
Constant (1977) dollars	4.82	4.90	4.91	4.85	(²)	170.08	172.99	174.85	172.31	(²)
Mining:										
Current dollars	11.25	11.33	11.57	11.57	\$11.65	479.25	488.32	497.51	504.45	\$511.44
Constant (1977) dollars	6.82	6.84	6.83	6.76	(²)	290.45	294.70	293.69	295.00	(²)
Construction:										
Current dollars	11.86	12.04	11.97	12.00	\$12.12	450.68	456.32	462.04	462.00	\$469.04
Constant (1977) dollars	7.19	7.27	7.07	7.02	(²)	273.14	275.39	272.75	270.18	(²)
Manufacturing:										
Current dollars	8.78	8.89	9.18	9.14	\$9.22	352.96	362.71	369.95	369.26	\$375.25
Constant (1977) dollars	5.32	5.37	5.42	5.35	(²)	213.92	218.90	218.39	215.94	(²)
Transportation and public utilities:										
Current dollars	10.69	10.88	11.18	11.17	\$11.28	422.26	428.67	447.20	442.33	\$447.82
Constant (1977) dollars	6.48	6.57	6.60	6.53	(²)	255.92	258.70	263.99	258.67	(²)
Wholesale trade:										
Current dollars	8.54	8.62	8.97	8.93	\$9.02	329.64	333.59	348.04	346.48	\$349.98
Constant (1977) dollars	5.18	5.20	5.29	5.22	(²)	199.78	201.32	205.45	202.62	(²)
Retail trade:										
Current dollars	5.73	5.78	5.87	5.83	\$5.90	174.77	172.82	180.21	178.40	\$177.59
Constant (1977) dollars	3.47	3.49	3.47	3.41	(²)	105.92	104.30	106.38	104.33	(²)
Finance, insurance, and real estate:										
Current dollars	7.24	7.33	7.60	7.60	\$7.80	261.36	264.61	278.92	276.64	\$285.48
Constant (1977) dollars	4.39	4.42	4.49	4.44	(²)	158.40	159.69	164.65	161.78	(²)
Services:										
Current dollars	7.24	7.37	7.56	7.53	\$7.70	238.92	241.00	250.24	248.49	\$252.56
Constant (1977) dollars	4.39	4.45	4.46	4.40	(²)	144.80	145.44	147.72	145.32	(²)

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

² Not available.
^p = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series. Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 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	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Total private	35.2	35.2	35.2	35.2	35.4	35.3	35.3	35.4	35.3	35.3	35.2	35.2	35.3
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	40.7	40.6	40.6	40.6	40.9	40.9	40.7	41.1	40.6	40.6	40.5	40.4	40.5
<i>Overtime hours</i>	3.2	3.3	3.3	3.4	3.5	3.5	3.5	3.7	3.3	3.3	3.3	3.2	3.3
Durable goods	41.4	41.2	41.3	41.3	41.6	41.7	41.4	41.8	41.3	41.2	41.2	41.1	41.4
<i>Overtime hours</i>	3.3	3.4	3.5	3.5	3.7	3.8	3.7	4.0	3.5	3.5	3.5	3.4	3.5
Lumber and wood products	40.4	40.5	40.0	40.0	40.6	40.4	40.1	40.4	39.6	39.4	39.3	39.4	40.0
Furniture and fixtures	40.0	39.8	39.8	40.1	40.0	39.9	39.6	39.7	39.7	39.1	39.8	39.2	40.2
Stone, clay, and glass products	42.0	41.8	41.8	41.9	42.1	42.5	41.9	42.3	42.1	41.8	41.9	41.6	41.8
Primary metal industries	41.2	41.6	41.7	41.8	41.9	42.0	41.8	42.2	42.1	41.7	41.5	41.0	41.5
Blast furnaces and basic steel products ..	40.5	40.8	40.8	41.2	41.0	41.3	41.2	41.0	41.6	41.1	39.9	39.6	40.0
Fabricated metal products	41.4	41.2	41.4	41.4	41.6	41.8	41.3	41.8	41.4	41.3	41.3	41.2	41.5
Machinery, except electrical	41.1	41.2	41.3	41.5	41.8	41.9	41.9	42.3	41.9	42.0	41.8	41.8	41.7
Electrical and electronic equipment	41.2	41.1	41.1	41.0	41.2	41.2	41.0	41.3	41.0	40.8	40.8	40.9	41.2
Transportation equipment	43.3	42.5	42.6	42.4	43.2	43.1	42.9	43.5	42.4	42.3	42.2	42.5	42.6
Motor vehicles and equipment	45.1	44.1	44.1	43.9	44.8	44.3	44.4	44.8	42.9	43.1	42.4	43.3	43.7
Instruments and related products	40.8	40.7	40.7	40.8	41.3	41.2	41.1	41.4	40.7	41.3	41.3	41.1	41.3
Miscellaneous manufacturing	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Nondurable goods	39.9	39.7	39.8	39.7	39.9	39.9	39.8	40.2	39.6	39.6	39.4	39.4	39.3
<i>Overtime hours</i>	3.1	3.1	3.1	3.2	3.3	3.3	3.3	3.4	3.1	3.2	3.1	3.0	3.0
Food and kindred products	39.8	39.6	39.6	39.5	39.7	39.7	39.8	40.1	39.7	39.8	39.5	39.6	39.6
Tobacco manufactures	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Textile mill products	41.3	40.8	40.6	40.7	40.6	40.8	40.6	41.2	40.0	40.0	39.8	39.4	39.2
Apparel and other textile products	36.7	36.6	36.7	36.6	36.6	36.9	36.7	37.4	36.5	36.4	35.8	36.0	35.9
Paper and allied products	43.2	43.2	43.1	43.1	43.2	43.2	43.0	43.2	43.1	42.9	43.3	43.0	42.9
Printing and publishing	37.8	37.9	37.9	37.7	37.9	37.9	37.9	38.2	38.0	37.7	37.7	37.9	37.9
Chemicals and allied products	41.7	41.7	41.9	41.9	42.1	42.1	42.0	42.0	41.8	41.9	41.9	42.0	41.6
Petroleum and coal products	43.2	43.6	43.7	44.6	44.8	44.5	44.7	43.7	43.5	43.1	43.2	43.8	42.2
Rubber and misc. plastics products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Leather and leather products	37.8	37.3	37.2	37.1	37.3	37.2	36.7	37.5	36.5	36.7	37.0	36.5	37.1
Transportation and public utilities	39.3	39.4	39.2	39.4	39.5	39.3	39.2	39.5	39.4	39.6	39.8	39.3	39.6
Wholesale trade	38.6	38.6	38.6	38.6	38.6	38.5	38.5	38.7	38.6	38.6	38.6	38.7	38.8
Retail trade	29.8	30.0	30.0	30.3	30.1	30.0	30.1	30.0	30.1	30.2	29.9	29.9	30.0
Finance, insurance, and real estate	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Services	32.7	32.8	32.7	32.6	32.8	32.7	32.8	32.8	32.7	32.7	32.7	32.6	32.8

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

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 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

C-6. Indexes of aggregate weekly hours of production or nonsupervisory workers ¹ on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted

(1977=100)

Industry	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Total private	107.8	108.3	108.7	109.4	110.3	110.9	110.9	112.0	112.0	112.7	112.6	112.6	113.2
Goods-producing	93.9	94.6	95.6	96.2	97.9	99.2	98.1	100.1	99.5	99.9	99.9	100.0	100.0
Mining	107.8	109.6	109.7	110.4	111.5	112.1	111.7	114.7	115.5	117.1	116.2	118.4	119.6
Construction	105.0	104.1	105.5	105.7	110.3	114.1	107.7	112.6	113.7	116.4	115.3	115.2	117.6
Manufacturing	91.1	92.1	93.0	93.7	94.9	95.7	95.7	97.0	96.0	96.0	96.1	96.2	95.7
Durable goods	88.5	89.9	91.0	92.0	93.4	94.4	94.5	95.8	95.0	95.1	95.5	96.0	95.7
Lumber and wood products	93.6	95.3	95.0	95.8	97.4	97.4	97.8	98.6	96.1	95.8	95.1	95.0	95.6
Furniture and fixtures	97.4	98.3	99.6	101.2	102.0	102.8	102.8	103.1	102.5	101.5	103.6	101.5	103.3
Stone, clay, and glass products	85.0	85.5	86.1	86.5	87.1	89.3	88.2	89.2	89.0	88.6	88.8	87.7	88.2
Primary metal industries	68.9	71.2	72.0	73.0	72.8	73.5	73.2	74.1	74.8	73.9	73.0	72.2	72.0
Blast furnaces and basic steel products	60.8	62.2	62.9	63.5	62.3	62.8	62.4	62.3	63.7	62.7	60.4	58.6	58.9
Fabricated metal products	85.3	86.3	87.5	88.5	89.5	90.4	89.9	91.5	91.3	91.8	92.6	92.4	92.6
Machinery, except electrical	84.9	86.3	88.2	89.5	91.1	92.3	93.3	95.2	95.3	96.5	97.0	97.7	96.8
Electrical and electronic equipment	104.1	105.6	107.2	108.0	109.6	111.2	112.2	113.6	113.2	112.8	113.7	115.0	115.2
Transportation equipment	88.9	89.9	91.1	92.1	95.1	95.9	95.5	96.8	94.1	94.4	94.9	97.6	95.9
Motor vehicles and equipment	82.9	84.2	85.6	88.8	93.0	92.3	91.8	91.8	86.3	87.4	86.7	92.7	88.0
Instruments and related products	105.1	105.9	106.4	106.4	108.5	108.8	108.8	109.3	107.7	109.6	109.9	108.8	108.8
Miscellaneous manufacturing	80.8	82.6	83.3	84.6	85.0	86.5	85.8	86.5	85.3	84.8	85.4	85.1	84.9
Nondurable goods	95.0	95.3	95.9	96.2	97.0	97.5	97.4	98.8	97.4	97.2	96.9	96.5	95.7
Food and kindred products	95.8	95.5	95.9	95.8	97.0	96.9	97.1	98.7	97.7	97.9	98.0	97.2	96.3
Tobacco manufactures	89.4	88.1	90.6	87.1	87.6	86.1	87.6	93.4	92.0	92.0	88.7	87.6	93.7
Textile mill products	84.1	83.7	83.5	84.0	84.5	84.8	84.5	85.7	82.7	82.3	81.1	79.9	78.7
Apparel and other textile products	90.7	91.5	92.5	92.8	93.2	94.4	94.2	96.7	93.9	92.5	90.7	90.8	89.3
Paper and allied products	96.8	97.4	97.6	98.2	98.8	99.4	99.1	99.6	99.3	99.5	100.6	99.7	98.9
Printing and publishing	110.9	111.9	112.7	112.4	113.8	114.1	114.6	116.6	116.6	116.3	117.1	117.5	117.5
Chemicals and allied products	94.2	94.6	95.2	95.5	96.1	96.3	96.1	96.2	95.6	96.1	96.3	97.4	96.3
Petroleum and coal products	89.3	89.4	88.8	89.8	89.4	88.8	88.4	86.5	86.1	84.5	84.7	85.9	83.5
Rubber and misc. plastics products	104.5	106.2	108.4	109.4	111.0	112.5	112.2	113.8	113.1	113.5	113.4	112.2	112.5
Leather and leather products	82.0	81.4	81.2	81.0	81.4	81.2	79.7	81.4	78.3	77.8	78.9	76.1	75.9
Service-producing	115.1	115.9	116.0	116.7	117.2	117.4	117.9	118.6	119.0	119.7	119.7	119.6	120.5
Transportation and public utilities	102.0	102.4	101.7	102.4	103.4	103.1	103.1	104.4	104.3	105.2	106.1	105.3	105.4
Wholesale trade	109.2	109.7	110.1	110.7	111.6	112.0	112.5	113.3	113.5	113.7	114.4	115.0	116.0
Retail trade	106.7	107.8	108.3	109.7	109.3	109.4	109.9	110.3	111.1	111.9	111.0	111.1	111.7
Finance, insurance, and real estate	120.2	120.8	120.6	121.0	122.0	122.1	122.2	123.1	123.1	124.0	124.7	124.2	125.2
Services	127.6	128.3	128.4	128.6	129.4	129.9	130.9	131.4	131.7	132.4	132.5	132.4	133.8

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

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 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 workers on private nonagricultural payrolls, seasonally adjusted

Industry	1983				1984								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^o	Sept. ^p
Hourly Earnings Index¹(1977 = 100)													
Total private (in current dollars)	156.2	157.1	157.2	157.8	158.4	158.5	159.1	159.9	159.6	160.3	160.8	160.6	161.7
Mining	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Construction	145.5	145.5	145.2	145.6	146.3	146.2	146.3	146.6	147.0	147.1	148.6	146.5	146.5
Manufacturing	158.1	158.7	159.4	159.7	160.3	160.7	161.2	161.6	162.0	162.3	162.9	163.4	163.5
Transportation and public utilities	157.4	158.5	158.7	159.1	159.9	159.8	160.9	161.3	160.9	162.1	162.6	161.8	163.1
Wholesale trade	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Retail trade	151.3	151.9	152.3	152.7	152.7	152.9	153.2	153.7	153.4	153.8	154.0	153.4	154.3
Finance, insurance, and real estate	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Services	157.7	158.7	158.5	159.4	159.8	159.8	160.8	162.3	161.4	162.5	163.4	162.7	165.0
Total private (in constant dollars)⁴	94.5	94.7	94.6	94.9	94.8	94.8	95.1	95.4	94.9	95.2	95.2	94.1	(^q)
Average hourly earnings													
Total private	\$8.09	\$8.13	\$8.14	\$8.17	\$8.21	\$8.23	\$8.25	\$8.31	\$8.29	\$8.33	\$8.35	\$8.34	\$8.40
Mining	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Construction	\$11.95	\$11.94	\$11.93	\$11.96	\$11.97	\$11.95	\$11.97	\$12.03	\$12.07	\$12.07	\$12.04	\$12.04	\$12.02
Manufacturing	8.88	6.93	8.97	8.99	9.03	9.06	9.09	9.11	9.12	9.15	9.17	9.20	9.21
Transportation and public utilities	10.83	10.91	10.93	10.96	11.02	10.99	11.08	11.11	11.09	11.18	11.22	11.16	11.24
Wholesale trade	8.62	8.70	8.70	8.74	8.76	8.78	8.82	8.88	8.85	8.94	8.98	8.95	9.02
Retail trade	5.79	5.80	5.82	5.83	5.84	5.84	5.87	5.89	5.87	5.69	5.89	5.87	5.91
Finance, insurance, and real estate	7.35	7.46	7.39	7.47	7.49	7.47	7.54	7.62	7.53	7.81	7.64	7.60	7.53
Services	7.37	7.41	7.41	7.44	7.48	7.50	7.52	7.60	7.58	7.59	7.64	7.62	7.70
Average weekly earnings													
Total private:													
In current dollars	284.77	286.18	286.53	287.58	290.63	290.52	291.23	294.17	292.64	294.05	293.92	293.57	296.52
In constant (1977) dollars ⁴	172.27	172.61	172.40	172.93	173.93	173.65	174.08	175.52	173.98	174.61	173.92	171.98	(^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.

^o Not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 forward are subject to revision.

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

C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Aug. 1983	July 1984	Aug. 1984 ^a	Aug. 1983	July 1984	Aug. 1984 ^a	Aug. 1983	July 1984	Aug. 1984 ^a
Alabama	40.9	40.8	41.2	\$7.57	\$8.06	\$8.07	\$309.61	\$328.85	\$332.48
Birmingham	40.5	41.2	41.9	7.96	8.34	8.36	322.38	343.61	350.28
Mobile	41.6	41.4	40.9	9.76	9.81	10.07	406.02	406.13	411.86
Alaska	41.7	44.5	(¹)	10.50	9.46	(¹)	437.85	420.97	(¹)
Arizona	40.3	41.5	40.5	8.98	9.27	9.07	361.89	384.71	367.34
Arkansas	40.2	40.3	40.4	7.07	7.38	7.39	284.21	297.41	298.56
Fayetteville-Springdale	40.2	42.1	41.5	6.44	6.54	6.70	258.89	275.33	278.05
Fort Smith	39.8	39.1	40.3	7.08	7.59	7.70	281.78	296.77	310.31
Little Rock-North Little Rock	40.4	40.2	40.6	8.15	8.42	8.38	329.26	338.48	340.23
Pine Bluff	40.1	38.8	40.7	9.79	9.46	9.48	392.58	367.05	385.84
California	40.2	39.9	40.2	9.54	9.80	9.81	383.51	391.02	394.36
Colorado	40.2	40.9	40.8	9.00	9.34	9.33	361.80	382.01	380.66
Denver-Boulder	40.0	40.7	40.7	9.38	9.71	9.71	375.20	395.20	395.20
Connecticut	41.5	42.3	41.8	8.79	9.22	9.18	364.79	390.01	383.72
Bridgeport	42.3	41.0	39.9	9.28	9.66	9.63	392.54	396.06	384.24
Hartford	41.0	42.3	41.8	9.41	9.81	9.77	385.81	414.96	408.39
New Britain	41.7	41.9	42.0	9.12	9.55	9.54	380.30	400.14	400.68
New Haven-West Haven	39.5	41.1	40.7	8.61	8.98	9.02	340.10	369.08	367.11
Stamford	39.9	42.3	43.0	8.69	9.00	8.86	346.73	380.70	380.98
Waterbury	43.8	42.6	42.8	7.45	7.79	7.83	326.31	331.85	335.12
Delaware	40.1	41.8	40.2	9.18	8.78	9.03	368.12	367.00	363.01
Wilmington	40.1	40.8	39.4	10.72	10.45	10.71	429.87	426.36	421.97
District of Columbia:									
Washington SMSA	38.7	38.0	40.4	9.78	10.08	10.11	378.49	383.04	408.44
Florida	40.4	40.9	40.7	7.30	7.66	7.70	294.92	313.29	313.39
Fort Lauderdale-Hollywood	41.9	40.9	41.7	6.99	7.41	7.33	292.88	303.07	305.66
Jacksonville	41.4	42.4	41.0	8.17	8.55	8.50	338.24	362.52	348.50
Lakeland-Winter Haven	40.0	40.9	40.3	7.56	7.81	7.85	302.40	319.43	316.36
Miami	37.7	39.2	38.2	6.16	6.23	6.35	232.23	244.22	242.57
Orlando	42.6	41.8	42.5	7.69	7.94	7.95	327.59	331.89	337.88
Pensacola	42.1	41.8	42.7	8.87	9.06	9.10	373.43	378.71	388.57
Tampa-St. Petersburg	41.2	41.7	41.3	7.26	7.73	7.71	299.11	322.34	318.42
West Palm Beach-Boca Raton	38.4	39.7	39.1	7.80	7.55	7.55	299.52	299.74	295.21
Georgia	41.2	40.8	41.5	7.04	7.55	7.59	290.05	308.04	314.99
Atlanta	39.9	40.6	40.7	8.32	8.81	9.07	331.97	357.69	369.15
Savannah	45.6	44.2	44.6	9.33	9.89	9.93	425.45	437.14	442.88
Hawaii	39.8	38.9	38.5	7.86	8.15	7.86	312.83	317.04	302.61
Honolulu	39.6	37.8	38.3	7.92	8.21	8.01	313.63	310.34	306.78
Idaho	37.2	35.7	37.8	9.27	9.79	9.48	344.84	349.50	358.34
Illinois	40.7	40.6	40.9	9.75	10.07	10.10	396.83	408.84	413.09
Bloomington-Normal	40.4	39.7	40.0	9.25	10.03	10.02	373.70	398.19	400.80
Champaign-Urbana-Rantoul	37.6	38.2	38.2	9.35	9.38	9.17	353.43	358.32	350.29
Chicago SMSA	40.7	41.0	41.0	9.58	9.92	9.95	389.91	406.72	407.95
Davenport-Rock Island-Moline	39.5	39.4	38.8	12.14	12.46	12.34	479.53	490.92	478.79
Decatur	40.5	39.6	40.6	12.42	12.93	12.79	503.01	512.03	519.27
Kankakee	37.9	38.6	38.8	8.52	9.94	9.89	322.91	383.68	383.73
Peoria	39.8	39.7	42.4	12.04	12.55	12.62	479.19	498.24	535.09
Rockford	41.2	41.3	41.3	9.40	10.32	10.21	387.28	426.22	421.67
Springfield	42.8	42.6	41.5	11.35	11.51	11.42	485.78	490.33	473.93
Indiana	41.0	41.3	41.1	10.05	10.40	10.41	412.05	429.52	427.85
Gary-Hammond-East Chicago	40.6	(¹)	(¹)	12.83	(¹)	(¹)	520.90	(¹)	(¹)
Indianapolis	41.2	(¹)	(¹)	10.01	(¹)	(¹)	412.41	(¹)	(¹)

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p
Iowa	39.8	39.4	39.9	\$9.97	\$10.29	\$10.29	\$396.81	\$405.43	\$410.57
Cedar Rapids	40.8	40.5	40.7	10.50	11.00	10.84	428.40	445.50	441.19
Des Moines	38.8	38.6	40.9	11.91	12.31	12.76	462.11	475.17	521.88
Dubuque	42.3	41.2	41.0	10.69	11.10	10.94	452.19	457.32	448.54
Sioux City	41.1	38.3	37.8	8.60	8.60	8.43	353.46	329.38	318.65
Waterloo-Cedar Falls	34.3	37.8	38.5	10.22	12.97	12.76	350.55	490.27	491.26
Kansas	39.3	39.8	39.8	9.18	9.49	9.41	360.77	377.70	374.52
Topeka	38.0	39.4	41.4	9.42	9.65	9.81	357.96	380.21	406.13
Wichita	41.0	42.1	42.3	10.12	10.03	9.79	414.92	422.26	414.12
Kentucky	38.9	38.3	38.2	8.76	9.30	9.16	340.76	356.19	349.91
Lexington-Fayette	39.8	38.9	38.2	9.33	9.86	9.78	371.33	383.55	373.60
Louisville	40.6	40.0	39.7	9.94	10.52	10.29	403.56	420.80	408.51
Louisiana	39.5	41.4	41.5	9.84	10.14	10.12	388.68	419.80	419.98
Baton Rouge	42.9	44.1	42.5	11.26	11.82	11.99	483.05	521.26	509.58
New Orleans	37.8	42.1	40.5	9.02	9.30	9.34	340.96	391.53	378.27
Shreveport	39.7	39.9	41.1	9.48	9.56	9.79	376.36	381.44	402.37
Maine	40.0	39.7	39.9	7.55	8.16	8.07	302.00	323.95	321.99
Lewiston-Auburn	39.4	38.5	37.6	6.11	6.80	6.55	240.73	261.80	246.28
Portland	37.8	39.6	38.3	7.73	8.34	7.92	292.19	330.26	303.34
Maryland	40.6	40.9	40.8	8.99	9.45	9.35	364.99	386.51	381.48
Baltimore	41.3	41.1	41.1	9.41	9.93	9.88	388.63	408.12	406.07
Massachusetts	40.0	39.5	39.8	7.97	8.53	8.47	318.80	336.94	337.11
Boston	39.3	39.9	39.6	8.65	9.25	9.28	339.95	369.08	367.49
Brockton	38.9	39.0	39.5	6.61	6.49	6.51	257.13	253.11	257.15
Fall River	39.4	35.6	38.3	6.41	6.78	6.74	252.55	241.37	258.14
Lawrence-Haverhill	39.4	39.4	40.8	7.59	8.54	8.48	299.05	336.48	345.98
Lowell	40.7	38.3	39.2	7.49	7.85	8.04	304.84	300.66	315.17
New Bedford	38.0	40.2	40.1	7.36	7.42	7.50	279.68	298.28	300.75
Springfield-Chicopee-Holyoke	40.5	41.0	41.3	8.08	8.49	8.59	327.24	348.09	354.77
Worcester	39.7	39.3	39.3	8.32	8.69	8.75	330.30	341.52	343.88
Michigan	42.1	42.2	42.4	11.47	12.25	12.21	482.99	517.43	517.68
Ann Arbor	42.8	44.2	45.1	11.67	13.07	12.99	499.16	577.55	585.68
Battle Creek	41.2	42.2	41.5	12.39	12.42	12.56	510.94	524.68	521.24
Bay City	42.6	42.5	42.6	10.23	10.84	10.53	435.52	460.44	448.97
Detroit	42.4	42.6	43.2	12.17	12.88	12.93	515.66	548.59	558.40
Flint	43.3	44.2	42.7	13.22	14.17	14.13	572.94	625.60	602.78
Grand Rapids	41.3	41.1	40.8	9.94	10.46	10.35	410.17	429.46	422.23
Jackson	40.6	41.0	42.0	9.77	10.02	10.04	396.47	411.35	421.87
Kalamazoo-Portage	41.3	41.4	40.7	10.86	11.65	11.44	448.66	482.37	465.96
Lansing-East Lansing	41.1	43.4	43.7	12.66	13.78	13.80	520.50	597.87	602.64
Muskegon-Norton Shores-Muskegon Heights	40.5	40.5	40.3	10.63	10.82	11.05	430.10	438.72	445.27
Saginaw	41.9	43.7	41.6	13.65	14.47	14.38	571.48	631.73	598.75
Minnesota	39.8	39.9	40.1	9.49	9.53	9.51	377.70	380.25	381.35
Duluth-Superior	37.8	37.9	38.9	10.27	10.72	10.73	388.21	406.29	417.40
Minneapolis-St. Paul	40.1	40.1	40.1	10.10	10.18	10.26	405.01	408.22	411.43
St. Cloud	35.6	38.8	39.9	8.60	8.91	9.03	306.16	345.71	360.30
Mississippi	40.5	39.9	40.7	6.66	6.87	6.90	269.73	274.11	280.83
Jackson	40.1	39.9	41.3	7.47	8.07	8.07	299.55	321.99	333.29
Missouri	39.9	39.6	40.1	8.88	9.27	9.29	354.31	367.09	372.53
Kansas City	39.9	40.7	40.0	9.82	10.54	10.68	391.82	428.98	427.20
St. Joseph	38.8	39.3	41.1	8.21	8.34	8.96	318.55	327.76	368.26
St. Louis	40.0	39.8	40.0	10.15	10.65	10.82	406.00	423.87	432.80
Springfield	39.9	38.4	39.0	8.22	8.28	8.24	327.98	317.95	321.36
Montana	40.4	38.5	38.6	10.51	10.81	10.69	424.60	416.19	412.63
Nebraska	40.9	40.8	40.2	8.67	8.97	8.90	354.60	365.98	357.78
Lincoln	40.6	42.5	40.3	9.03	9.42	9.36	366.62	400.35	377.21
Omaha	40.3	40.0	40.0	9.02	9.40	9.33	363.51	376.00	373.20

See footnotes at end of table.

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

C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Aug. 1983	July 1984	Aug. 1984 ^a	Aug. 1983	July 1984	Aug. 1984 ^a	Aug. 1983	July 1984	Aug. 1984 ^a
Nevada	38.7	39.2	38.9	\$8.99	\$9.13	\$9.11	\$347.91	\$357.90	\$354.38
Las Vegas	38.6	38.3	37.6	10.62	11.37	11.25	409.93	435.47	423.00
New Hampshire	40.4	40.7	40.4	7.43	7.86	7.85	300.17	319.90	317.14
Manchester	39.3	39.3	39.7	7.08	7.61	7.52	278.24	299.07	298.54
Nashua	40.6	40.2	40.9	8.73	9.37	9.39	354.44	376.67	384.05
New Jersey	41.0	41.0	41.0	9.11	9.36	9.33	373.51	383.76	382.53
Atlantic City	39.2	39.1	38.7	7.69	8.23	8.24	301.45	321.79	318.89
Camden	39.7	39.8	40.1	9.26	9.52	9.50	367.62	378.90	380.95
Hackensack	40.3	40.2	40.5	8.06	8.52	8.50	324.82	342.50	344.25
Jersey City	40.2	39.4	40.1	8.72	8.71	8.78	350.54	343.17	352.08
New Brunswick-Perth Amboy-Sayreville	42.3	42.0	41.7	9.90	10.07	10.03	418.77	422.94	418.25
Newark	41.1	41.0	40.7	9.24	9.60	9.61	379.76	393.60	391.13
Paterson-Clifton-Passaic	40.8	42.4	42.4	8.96	9.42	9.38	365.57	399.41	397.71
Trenton	41.2	42.0	42.4	8.92	9.81	9.91	367.50	412.02	420.18
New Mexico	39.6	40.2	40.3	7.60	8.29	8.18	300.96	333.26	329.65
Albuquerque	38.8	39.9	39.7	7.45	7.94	8.25	289.06	316.81	327.53
New York	39.1	39.5	39.6	8.82	9.22	9.17	344.86	364.19	363.13
Albany-Schenectady-Troy	40.2	40.7	40.2	9.15	9.71	9.62	367.83	395.20	386.72
Binghamton	40.4	40.9	40.7	7.95	8.09	7.96	321.18	330.88	323.97
Buffalo	40.6	41.1	41.1	11.18	11.49	11.53	453.91	472.24	473.88
Elmira	38.5	40.0	39.3	8.97	9.01	8.88	345.35	360.40	348.98
Glens Falls	39.5	38.6	38.7	8.91	9.37	9.34	351.95	361.88	361.46
Monroe County	41.8	42.0	41.6	11.92	11.92	11.90	485.72	500.64	495.04
Nassau-Suffolk	39.9	40.1	40.1	8.69	9.08	9.07	346.73	364.11	363.71
Newburgh-Middletown	39.0	39.1	39.0	6.44	7.04	7.13	251.16	275.26	278.07
New York-Northeastern New Jersey	38.9	39.4	(¹)	8.56	8.92	(¹)	332.98	351.45	(¹)
New York and Nassau-Suffolk	37.3	37.7	37.9	8.14	8.52	8.48	303.62	321.20	321.39
New York SMSA	36.6	36.9	37.2	7.95	8.32	8.27	290.97	307.01	307.64
New York City	36.3	36.5	36.8	7.68	8.21	8.15	286.04	299.67	299.92
Poughkeepsie	43.1	42.0	43.0	8.62	8.52	8.54	371.52	357.84	367.22
Rochester	41.3	41.3	41.2	10.85	11.11	11.02	448.11	458.84	451.02
Rockland County	39.8	39.8	40.6	8.76	9.72	9.67	348.65	386.86	392.60
Syracuse	40.8	41.1	41.1	9.67	10.49	10.39	394.54	431.14	427.03
Utica-Rome	39.4	41.5	41.0	8.20	8.50	8.39	323.08	352.75	343.99
Westchester County	37.4	39.3	39.7	8.42	8.87	8.83	314.91	348.59	350.55
North Carolina	40.6	39.5	39.7	6.66	7.01	7.02	270.40	276.90	278.69
Asheville	39.8	40.2	40.8	6.55	7.01	7.04	280.69	281.80	287.23
Charlotte-Gastonia	42.0	40.5	40.6	6.78	7.00	7.08	283.92	283.50	287.45
Greensboro-Winston-Salem-High Point	39.3	39.1	39.0	7.24	7.65	7.71	284.53	299.12	300.69
Raleigh-Durham	41.4	40.8	41.5	7.92	8.20	8.17	327.89	334.56	339.06
North Dakota	38.0	38.3	38.9	7.76	7.97	7.96	294.88	305.25	309.64
Fargo-Moorhead	37.1	37.6	38.8	8.09	8.37	8.37	300.14	314.71	324.76
Ohio	41.2	41.7	41.8	10.52	10.90	10.92	433.42	454.53	456.46
Akron	42.9	43.3	43.1	10.40	10.73	10.81	446.16	464.61	465.91
Canton	39.2	40.6	40.9	10.75	10.88	10.94	421.40	441.73	447.45
Cincinnati	40.8	41.1	41.5	10.18	10.48	10.58	415.34	430.73	439.07
Cleveland	41.0	41.1	41.6	10.42	10.68	10.80	427.22	438.95	449.28
Columbus	40.5	40.6	41.0	9.95	10.21	10.26	402.98	414.53	420.66
Dayton	42.1	42.9	42.7	10.58	11.23	11.22	445.42	481.77	479.09
Toledo	42.6	43.0	43.3	11.25	11.59	11.65	479.25	498.37	504.45
Youngstown-Warren	41.3	44.2	42.6	12.25	13.09	12.72	505.93	578.58	541.87
Oklahoma	40.0	40.9	40.6	9.17	10.06	9.73	366.80	411.45	395.04
Oklahoma City	39.3	41.3	38.6	9.59	10.50	10.11	376.89	433.65	390.25
Tulsa	40.3	39.8	40.4	9.95	10.49	10.44	400.99	417.50	421.78
Oregon	39.4	38.7	38.7	10.01	10.57	10.38	394.39	409.06	401.71
Eugene-Springfield	39.3	38.4	38.3	10.63	10.89	10.65	417.76	418.18	407.90
Medford	38.7	39.0	40.8	9.67	9.84	9.80	374.23	383.76	399.84
Portland	39.5	38.7	39.1	10.35	10.90	10.83	408.83	421.83	423.45
Salem	39.2	38.5	38.3	7.72	8.88	7.86	302.62	341.88	301.04

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p
Pennsylvania	39.4	40.1	39.8	\$8.95	\$9.33	\$9.32	\$352.63	\$374.13	\$370.94
Allentown-Bethlehem-Easton	38.3	39.8	39.2	9.28	9.95	9.92	355.42	396.01	388.86
Altoona	38.9	39.4	39.0	7.77	8.01	7.91	302.25	315.59	308.49
Delaware Valley	39.4	40.0	40.0	9.33	9.86	9.65	367.60	386.40	386.00
Erie	40.4	43.2	41.6	9.69	9.94	9.80	391.48	429.41	407.68
Harrisburg	39.8	40.2	39.4	8.62	9.05	9.05	343.08	363.81	356.57
Johnstown	36.6	36.7	36.1	8.20	8.27	8.03	300.12	303.51	289.88
Lancaster	39.6	39.5	39.6	8.33	8.76	8.75	329.87	346.02	346.50
Northeast Pennsylvania	37.9	37.2	37.0	7.48	7.67	7.77	283.49	285.32	287.49
Philadelphia SMSA	39.4	39.9	40.0	9.39	9.63	9.62	369.97	384.24	384.80
Pittsburgh	39.5	41.1	40.9	10.78	11.07	11.02	425.81	454.98	450.72
Reading	40.0	40.3	39.5	8.82	9.36	9.41	352.80	377.21	371.70
Williamsport	39.9	39.4	38.8	7.86	6.14	7.89	313.61	320.72	306.13
York	40.9	40.9	41.3	6.14	8.59	8.62	332.93	351.33	356.01
Rhode Island	38.3	39.2	36.5	6.95	7.16	7.13	266.19	260.67	274.51
Providence-Warwick-Pawtucket	38.3	38.9	38.3	6.88	7.05	7.01	263.50	274.25	266.48
South Carolina	40.8	40.3	40.5	7.06	7.29	7.32	288.05	293.79	296.46
Charleston-North Charleston	41.8	41.3	43.1	8.45	8.74	8.91	353.21	360.96	384.02
Columbia	40.1	40.1	40.6	6.90	7.13	7.17	276.69	285.91	291.10
Greenville-Spartanburg	40.8	40.2	40.3	6.72	7.11	7.14	274.18	265.82	267.74
South Dakota	41.1	41.9	42.5	7.22	7.12	7.04	296.74	296.33	299.20
Sioux Falls	44.3	46.7	49.5	7.77	6.73	6.91	344.21	314.29	342.05
Tennessee	40.8	40.5	40.7	7.53	7.77	7.72	307.22	314.69	314.20
Chattanooga	41.9	41.6	41.2	7.12	7.40	7.42	298.33	309.32	305.70
Knoxville	40.2	40.3	39.9	9.01	9.17	9.14	362.20	369.55	364.69
Memphis	41.5	42.5	42.2	8.00	8.24	8.20	332.00	346.04	346.04
Nashville-Davidson	41.4	40.4	41.0	8.43	8.81	8.85	349.00	355.92	362.85
Texas	41.0	41.4	41.6	8.92	9.13	9.13	365.72	377.98	379.81
Dallas-Fort Worth	40.9	41.5	41.6	8.85	8.89	8.79	361.97	368.94	365.66
Houston	40.9	43.0	43.2	10.78	10.94	10.96	440.90	470.42	473.47
San Antonio	41.3	40.2	40.8	6.63	6.69	6.72	273.82	268.94	274.18
Utah	39.3	39.4	39.4	8.72	8.98	9.09	342.70	353.61	358.15
Salt Lake City-Ogden	39.5	39.5	39.6	8.65	8.92	8.91	341.68	352.34	352.84
Vermont	40.4	39.9	40.5	7.72	8.01	8.16	311.89	319.60	330.48
Burlington	42.7	41.9	42.7	8.58	8.88	8.81	366.37	372.07	376.19
Springfield	38.7	40.7	43.1	7.95	8.16	8.25	307.67	332.11	355.58
Virginia	40.2	40.3	40.3	7.73	8.12	8.16	310.75	327.24	326.85
Bristol	40.6	41.2	41.4	6.48	7.04	7.03	263.09	290.05	291.04
Charlottesville	39.3	39.8	36.1	6.65	6.90	6.94	261.35	274.62	264.41
Danville	41.8	39.5	40.7	7.29	7.65	7.71	304.72	302.18	313.80
Lynchburg	40.2	40.3	40.5	7.36	7.64	7.73	295.87	307.89	313.07
Norfolk-Virginia Beach-Portsmouth	41.0	41.7	42.0	7.93	8.44	8.52	325.13	351.95	357.64
Northern Virginia	40.4	40.5	39.8	8.54	8.68	8.90	345.02	351.54	354.22
Petersburg-Colonial Heights-Hopewell	39.4	39.7	41.9	9.91	10.45	10.42	390.45	414.87	436.60
Richmond	38.7	40.8	40.5	10.27	10.43	10.35	397.45	425.54	419.18
Roanoke	40.1	40.6	40.8	7.01	7.42	7.41	281.10	301.25	302.33
Washington	38.8	(¹)	(¹)	11.26	(¹)	(¹)	436.89	(¹)	(¹)
West Virginia	39.5	39.7	40.6	9.81	10.11	9.95	387.50	401.37	403.97
Charleston	42.9	42.3	42.7	11.33	12.37	12.37	486.06	523.25	528.20
Huntington-Ashland	38.7	38.1	38.7	10.93	11.52	11.29	422.99	438.91	436.92
Parkersburg-Marietta	41.2	42.1	42.0	10.69	11.19	10.95	440.43	471.10	459.90
Wheeling	39.1	39.7	40.7	10.99	11.46	11.71	429.71	454.96	476.60

See footnotes at end of table.

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

C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p	Aug. 1983	July 1984	Aug. 1984 ^p
Wisconsin	40.9	40.8	41.0	\$9.48	\$9.93	\$9.80	\$387.73	\$405.14	\$401.80
Appleton-Oshkosh	41.7	42.8	42.2	9.41	9.68	9.61	392.40	414.30	405.54
Eau Claire	40.8	40.4	41.9	9.35	9.87	10.40	381.48	398.75	435.76
Green Bay	42.1	42.7	40.7	10.20	10.41	10.26	429.42	444.51	417.58
Janesville-Beloit	40.5	40.2	39.4	9.76	11.57	11.21	395.28	465.11	441.67
Kenosha	41.2	41.0	40.7	11.79	11.82	11.75	485.75	484.62	478.22
La Crosse	39.9	37.7	38.3	8.84	8.78	8.93	352.72	331.01	342.02
Madison	40.6	41.7	43.5	9.04	10.03	9.72	367.02	418.25	422.82
Milwaukee	40.5	40.8	40.8	10.72	11.24	11.15	434.16	458.59	454.92
Racine	39.8	39.2	39.4	9.98	10.57	10.71	397.20	414.34	421.97
Sheboygan	38.7	39.5	39.4	9.26	9.44	9.43	358.36	372.88	371.54
Wausau	42.3	42.4	41.6	9.14	9.39	9.38	386.62	398.14	390.21
Wyoming	37.9	40.4	40.6	8.98	9.00	9.06	340.34	363.60	367.84
Puerto Rico	39.0	38.6	38.8	4.86	4.98	4.97	189.54	192.23	192.84
Virgin Islands	41.1	42.4	42.9	10.36	9.12	9.11	425.80	386.69	390.82

¹ Not available.

^p = preliminary.

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

publication. All State and Area data have been adjusted to March 1983 benchmarks except Gary-Hammond-East Chicago and Indianapolis, Indiana; New York-Northeastern New Jersey, New York; and Wisconsin.

**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		
	July 1984 ^r	Aug. 1984 ^r	Sep. 1984 ^p	Sep. 1983 to Sep. 1984 ^p	July 1984 to Aug. 1984 ^r	Aug. 1984 to Sep. 1984 ^p
Total	177,063	177,485	178,607	4.6	0.2	0.6
Private sector	145,666	145,588	146,442	5.3	-.1	.6
Mining	2,267	2,278	2,302	9.3	.5	1.0
Construction	8,526	8,553	8,685	11.2	.3	1.5
Manufacturing	41,200	41,250	41,040	4.6	.1	-.5
Durable goods	24,779	24,898	24,812	7.1	.5	-.3
Nondurable goods	16,421	16,353	16,229	1.0	-.4	-.8
Transportation and public utilities	10,721	10,640	10,685	3.3	-.8	.4
Wholesale trade	11,110	11,176	11,273	5.7	.6	.9
Retail trade	25,450	25,305	25,502	5.2	-.6	.8
Finance, insurance, and real estate	10,818	10,785	10,906	4.8	-.3	1.1
Services	35,573	35,601	36,050	5.2	.1	1.3
Government	31,397	31,897	32,164	1.9	1.6	.8

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													
	1982	1983	1981				1982				1983				1984	
			IV	I	II	III	IV	I	II	III	IV	I	II			
Business sector																
Output per hour of all persons	100.9	103.7	100.3	100.9	100.3	100.9	101.6	102.2	103.6	104.3	104.7	105.7	106.8			
Output	106.3	111.0	108.1	107.1	106.4	106.1	105.8	106.9	110.1	112.5	114.7	117.8	120.7			
Hours	105.4	107.1	107.8	106.1	106.1	105.1	104.1	104.7	106.2	107.9	109.5	111.4	113.0			
Compensation per hour	155.0	161.7	147.6	151.4	153.9	156.7	158.4	160.2	161.0	161.8	164.2	166.7	167.5			
Real compensation per hour	97.3	98.4	95.4	96.9	97.2	97.3	98.0	99.0	98.5	98.0	98.4	98.6	98.2			
Unit labor costs	153.6	156.0	147.1	150.0	153.4	155.3	155.9	156.8	155.4	155.1	156.8	157.7	156.9			
Unit nonlabor payments	136.8	145.5	139.6	138.0	137.0	135.8	136.5	139.8	144.6	147.9	149.1	151.6	156.3			
Implicit price deflator	147.9	152.4	144.6	145.9	147.9	148.7	149.3	151.0	151.7	152.7	154.2	155.6	156.7			
Nonfarm business sector																
Output per hour of all persons	100.0	103.4	99.2	99.8	99.4	100.3	100.5	101.6	103.6	104.1	104.4	105.2	106.4			
Output	105.9	111.2	107.4	106.4	106.0	106.0	105.2	106.7	110.4	112.7	115.2	118.0	120.8			
Hours	106.0	107.5	108.3	106.7	106.7	105.7	104.7	105.1	106.5	108.2	110.3	112.3	113.6			
Compensation per hour	154.5	162.0	147.3	151.0	153.2	156.0	157.9	160.1	161.5	162.4	164.0	166.5	168.0			
Real compensation per hour	97.0	98.6	95.2	96.7	96.8	96.9	97.7	99.0	98.8	98.3	98.2	98.5	98.5			
Unit labor costs	154.5	156.6	148.5	151.4	154.2	155.6	157.1	157.6	155.9	155.9	157.1	158.3	158.0			
Unit nonlabor payments	136.9	147.0	136.5	136.9	137.5	136.8	136.4	140.6	146.4	149.4	151.4	152.2	155.8			
Implicit price deflator	148.6	153.4	145.1	146.5	148.6	149.3	150.2	151.9	152.7	153.8	155.2	156.3	157.2			
Manufacturing																
Output per hour of all persons	107.1	111.6	104.0	105.5	106.3	108.8	107.8	109.1	110.8	113.4	113.1	114.2	115.2			
Output	99.3	104.4	103.1	100.6	100.0	99.7	96.7	98.4	102.4	107.2	109.6	113.0	115.3			
Hours	92.7	93.5	99.1	95.4	94.1	91.7	89.6	90.2	92.4	94.6	96.9	98.9	100.1			
Compensation per hour	158.0	163.4	149.8	154.3	157.2	159.8	161.0	162.7	163.0	163.5	164.6	167.1	168.3			
Real compensation per hour	99.2	99.4	96.8	98.8	99.4	99.2	99.6	100.6	99.7	99.0	98.6	98.9	98.7			
Unit labor costs	147.6	146.4	144.0	148.2	148.0	146.9	149.3	149.1	147.0	144.1	145.5	146.4	146.1			
Durable goods																
Output per hour of all persons	105.6	111.5	102.9	103.6	104.7	107.6	106.6	108.5	110.8	113.5	113.1	115.1	115.9			
Output	97.1	102.6	103.0	99.3	98.3	97.4	93.2	95.6	100.1	105.7	109.0	113.9	116.4			
Hours	91.9	92.0	100.1	95.9	93.9	90.5	87.4	88.1	90.4	93.2	96.4	98.9	100.4			
Compensation per hour	157.6	162.5	149.7	153.7	156.6	159.7	160.7	162.2	162.2	162.5	163.4	165.8	166.9			
Real compensation per hour	99.0	98.9	96.7	98.5	99.1	99.2	99.4	100.3	99.2	98.4	97.8	98.1	97.9			
Unit labor costs	149.3	145.8	145.5	148.4	149.7	148.4	150.7	149.5	146.5	143.2	144.4	144.0	144.1			
Nondurable goods																
Output per hour of all persons	109.2	111.9	105.8	108.5	106.5	110.4	109.6	110.0	110.9	113.3	113.2	112.8	114.3			
Output	102.5	107.1	103.4	102.6	102.5	103.1	101.9	102.6	105.7	109.5	110.5	111.7	113.7			
Hours	93.9	95.7	97.7	94.6	94.4	93.4	93.0	93.3	95.3	96.6	97.6	99.0	99.6			
Compensation per hour	159.0	165.6	149.7	154.9	158.0	160.5	162.7	164.5	165.1	165.7	167.1	169.5	170.6			
Real compensation per hour	99.8	100.7	96.7	99.2	99.9	99.7	100.7	101.7	101.0	100.3	100.1	100.3	100.0			
Unit labor costs	145.6	148.0	141.5	142.8	145.6	145.4	148.5	149.6	148.8	146.2	147.6	150.2	149.3			
Nonfinancial corporations¹																
Output per all-employee hour	102.6	106.1	101.3	102.2	102.1	103.3	103.2	104.0	105.8	107.2	107.2	108.1	108.6			
Output	107.7	112.6	109.9	108.7	108.0	107.9	106.4	107.5	111.4	114.7	117.0	120.2	122.7			
Hours	105.0	106.2	108.5	108.4	105.8	104.5	103.1	103.4	105.2	106.9	109.2	111.2	113.0			
Compensation per hour	154.6	161.0	147.1	151.1	153.5	156.2	157.7	159.2	160.6	161.8	162.6	164.8	165.8			
Real compensation per hour	97.0	97.9	95.1	96.7	97.0	97.0	97.5	98.4	98.2	98.0	97.4	97.5	97.2			
Total unit costs	154.3	155.2	148.7	151.5	154.0	154.7	157.0	156.7	155.2	154.4	154.7	155.0	155.3			
Unit labor costs	150.6	151.8	145.2	147.9	150.3	151.3	152.9	153.1	151.7	150.9	151.7	152.5	152.7			
Unit nonlabor costs	164.8	164.9	158.5	161.6	164.3	164.4	168.8	167.0	165.1	164.4	163.3	162.0	162.8			
Unit profits	84.6	117.2	100.2	89.4	86.8	86.6	75.6	92.5	111.8	126.6	135.9	143.2	147.9			
Implicit price deflator	146.3	150.9	143.1	144.3	146.3	146.9	147.7	149.4	150.2	151.2	152.6	153.6	154.5			

¹ Measures for the second quarter of 1984 are preliminary.

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					
	I 1983	II 1983	III 1983	IV 1983	I 1984	II 1984	I 1983	II 1983	III 1983	IV 1983	I 1984	II 1984
Business sector												
Output per hour of all persons	2.1	5.9	2.8	1.4	4.0	4.0	1.2	3.3	3.4	3.1	3.5	3.1
Output	4.4	12.4	9.3	7.8	11.4	10.1	-2	3.4	6.1	8.4	10.2	9.6
Hours	2.2	6.1	6.4	6.2	7.2	5.8	-1.4	.1	2.6	5.2	6.5	6.4
Compensation per hour	4.4	2.2	2.0	6.1	6.2	1.9	5.8	4.6	3.3	3.7	4.1	4.0
Real compensation per hour	4.1	-2.1	-2.1	1.6	1.2	-1.7	2.1	1.3	.7	.3	-.4	-.3
Unit labor costs	2.2	-3.5	-.8	4.6	2.1	-2.0	4.5	1.3	-.1	.6	.6	1.0
Unit nonlabor payments	10.2	14.5	9.5	3.1	7.0	12.9	1.3	5.5	8.9	9.2	8.4	8.1
Implicit price deflator	4.6	1.9	2.5	4.1	3.7	2.7	3.5	2.6	2.7	3.3	3.0	3.3
Nonfarm business sector												
Output per hour of all persons	4.4	8.1	2.1	1.0	2.9	4.7	1.8	4.3	3.9	3.9	3.5	2.7
Output	6.0	14.3	8.7	9.1	10.3	9.6	.3	4.1	6.3	9.5	10.6	9.4
Hours	1.5	5.7	6.5	8.0	7.2	4.7	-1.5	-2	2.3	5.4	6.9	6.6
Compensation per hour	5.7	3.5	2.2	4.1	6.1	3.7	6.0	5.4	4.1	3.9	4.0	4.0
Real compensation per hour	5.4	-.8	-1.9	-.3	1.0	.0	2.4	2.0	1.5	.6	-.5	-.3
Unit labor costs	1.3	-4.2	.1	3.0	3.1	-.9	4.1	1.1	.2	.0	.4	1.3
Unit nonlabor payments	12.7	17.8	8.4	5.3	2.3	9.7	2.7	6.5	9.2	10.9	8.3	6.4
Implicit price deflator	4.6	2.2	2.7	3.7	2.8	2.5	3.7	2.8	3.0	3.3	2.9	2.9
Manufacturing												
Output per hour of all persons	4.8	6.4	9.7	-1.0	3.7	3.6	3.4	4.3	4.3	4.9	4.7	4.0
Output	7.3	17.1	20.5	9.1	12.9	8.5	-2.2	2.4	7.6	13.4	14.8	12.7
Hours	2.4	10.0	9.8	10.2	8.8	4.7	-5.4	-1.8	3.1	8.1	9.7	8.4
Compensation per hour	4.2	.6	1.3	2.9	6.2	2.9	5.5	3.6	2.3	2.2	2.7	3.3
Real compensation per hour	3.9	-3.5	-2.8	-1.5	1.1	-.8	1.8	.3	-.3	-1.0	-1.7	-1.0
Unit labor costs	-5	-5.5	-7.7	3.9	2.3	-.7	2.0	-.6	-1.9	-2.6	-1.9	-.6
Durable goods												
Output per hour of all persons	7.2	8.7	10.2	-1.2	7.2	2.6	4.7	5.7	5.5	6.1	6.1	4.6
Output	10.7	20.5	24.2	13.2	18.9	9.1	-3.8	1.8	8.5	17.0	19.2	16.2
Hours	3.3	10.9	12.8	14.6	10.9	6.3	-8.1	-3.7	2.9	10.3	12.3	11.1
Compensation per hour	3.9	.1	.8	2.1	6.1	2.8	5.5	3.4	1.8	1.7	2.2	2.9
Real compensation per hour	3.6	-4.1	-3.2	-2.3	1.1	-.9	1.8	.1	-.8	-1.6	-2.2	-1.3
Unit labor costs	-3.1	-7.9	-8.5	3.3	-1.0	.2	.7	-2.2	-3.5	-4.2	-3.7	-1.6
Nondurable goods												
Output per hour of all persons	1.5	3.4	9.0	-.6	-1.3	5.1	1.4	2.2	2.7	3.3	2.6	3.0
Output	2.8	12.5	15.3	3.4	4.4	7.7	.1	3.1	6.2	8.4	8.8	7.6
Hours	1.3	8.8	5.8	4.0	5.8	2.4	-1.4	.9	3.5	4.9	6.1	4.5
Compensation per hour	4.5	1.4	1.4	3.4	5.8	2.7	6.2	4.5	3.2	2.7	3.0	3.3
Real compensation per hour	4.1	-2.8	-2.6	-1.0	.8	-.9	2.5	1.1	.6	-.6	-1.4	-.9
Unit labor costs	2.9	-1.9	-7.0	4.0	7.2	-2.3	4.7	2.2	.6	-.6	.4	.3
Nonfinancial corporations¹												
Output per all-employee hour	3.2	7.5	5.3	-.2	3.6	1.7	1.8	3.7	3.8	3.9	4.0	2.6
Output	4.4	15.1	12.4	8.4	11.6	8.5	-1.1	3.1	6.3	10.0	11.8	10.2
Hours	1.2	7.1	6.7	8.6	7.7	6.7	-2.8	-.6	2.4	5.9	7.5	7.4
Compensation per hour	3.9	3.5	3.1	2.0	5.7	2.3	5.4	4.6	3.6	3.1	3.6	3.2
Real compensation per hour	3.5	-.8	-1.0	-2.4	.7	-1.3	1.7	1.3	1.0	-.2	-.9	-1.0
Total unit costs	-.7	-3.9	-2.0	.8	.6	1.0	3.5	.8	-.2	-1.5	-1.1	.1
Unit labor costs .....	.7	-3.7	-2.1	2.1	2.0	.6	3.5	.9	-.2	-.8	-.4	.7
Unit nonlabor costs	-4.1	-4.5	-1.7	-2.6	-3.2	2.1	3.3	.5	.0	-3.2	-3.0	-1.4
Unit profits	124.6	112.8	64.8	32.6	23.4	13.6	3.5	28.7	46.3	79.8	54.8	32.3
Implicit price deflator	4.7	2.3	2.8	3.6	2.7	2.3	3.5	2.7	3.0	3.3	2.8	2.8

¹ Measures for the second quarter of 1984 are preliminary.

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		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Alabama	1,770.9	1,797.2	1,785.5	224.8	212.7	195.3	12.7	11.8	10.9
Birmingham	392.9	396.8	392.2	47.4	39.9	38.1	12.1	10.0	9.7
Huntsville	161.7	188.2	167.8	14.8	16.3	13.9	9.2	9.7	8.3
Mobile	201.4	202.5	200.5	30.9	25.3	24.0	15.4	12.5	12.0
Montgomery	130.3	132.0	131.5	13.7	12.4	11.5	10.5	9.4	8.8
Tuscaloosa	56.2	57.2	57.7	6.8	5.9	5.9	12.1	10.3	10.2
Alaska	249.8	256.0	254.5	21.5	23.4	21.5	8.6	9.1	8.5
Arizona	1,354.0	1,378.1	1,377.5	122.3	68.5	61.8	9.0	5.0	4.5
Phoenix	839.5	873.1	872.2	56.9	31.2	29.1	6.8	3.8	3.3
Tucson	248.5	251.5	255.0	20.6	10.0	10.0	8.3	4.0	3.9
Arkansas	1,037.6	1,070.1	1,061.8	95.2	98.8	88.2	9.2	9.2	8.3
Fayetteville-Springdale	84.6	87.0	87.2	5.3	5.0	4.6	6.2	5.7	5.3
Fort Smith	91.7	94.4	93.5	9.3	8.4	7.4	10.1	8.9	7.9
Little Rock-North Little Rock	200.9	206.0	203.7	15.7	15.1	12.9	7.8	7.3	6.3
Pine Bluff	37.9	38.6	38.2	3.8	4.1	3.6	10.0	10.7	9.5
California¹	12,508.4	12,800.3	12,819.8	1,189.1	1,072.1	965.9	9.5	8.4	7.5
Anaheim-Santa Ana-Garden Grove	1,237.2	1,296.1	1,294.4	79.7	59.8	55.1	6.4	4.6	4.3
Bakersfield	220.1	226.9	223.8	26.1	25.0	22.6	11.9	11.0	10.1
Fresno	314.6	309.9	333.5	34.4	34.6	31.7	10.9	11.2	9.5
Los Angeles-Long Beach	3,863.0	3,863.0	3,883.0	403.0	368.0	339.0	10.4	9.5	8.7
Modesto	148.7	148.7	148.3	21.1	22.1	16.8	14.2	14.9	11.3
Oxnard-Simi Valley-Ventura	270.9	277.9	275.0	29.5	25.8	24.8	10.9	9.3	9.0
Riverside-San Bernardino-Ontario	637.0	670.8	658.7	73.6	65.3	59.9	11.5	9.7	9.1
Sacramento	535.3	550.0	550.0	49.7	45.8	39.4	9.3	8.3	7.2
Salinas-Seaside-Monterey	150.3	158.2	155.2	14.0	13.8	12.4	9.3	8.8	8.0
San Diego	860.5	896.6	901.8	70.3	59.0	53.5	8.2	6.6	5.9
San Francisco-Oakland	1,768.7	1,818.7	1,813.8	140.6	122.2	109.0	7.9	6.7	6.0
San Jose	860.8	893.1	897.8	58.3	46.1	40.1	6.8	5.2	4.5
Santa Barbara-Santa Maria-Lompoc	164.7	170.0	168.8	11.5	10.0	9.2	7.0	5.9	5.4
Santa Rosa	148.9	154.3	155.5	12.3	11.1	9.7	8.3	7.2	6.2
Stockton	185.5	167.6	187.9	25.0	22.7	18.1	13.5	12.1	9.6
Vallejo-Fairfield-Napa	143.1	150.0	148.4	14.4	13.3	11.4	10.1	8.9	7.7
Colorado	1,693.9	1,743.1	1,742.9	98.8	85.2	82.5	5.8	4.9	4.7
Denver-Boulder	1,006.6	1,037.7	1,040.0	51.3	43.3	42.7	5.1	4.2	4.1
Connecticut	1,610.0	1,683.4	1,672.1	87.1	73.6	70.9	5.4	4.4	4.2
Bridgeport	190.9	194.9	194.0	12.4	9.8	9.8	6.5	5.0	5.0
Hartford	385.9	404.3	398.4	19.8	16.1	15.9	5.1	4.0	4.0
New Britain	69.1	71.1	70.0	4.7	4.0	3.5	6.8	5.6	5.1
New Haven-West Haven	200.7	214.4	214.5	12.5	9.4	9.5	6.2	4.4	4.4
Stamford	126.1	130.8	129.4	4.5	3.4	3.5	3.6	2.6	2.7
Waterbury	104.3	109.5	108.0	5.9	6.4	5.5	5.7	5.8	5.1
Delaware	305.3	314.3	309.0	23.0	21.3	17.3	7.5	6.8	5.6
Wilmington	265.8	270.8	265.5	21.7	20.7	16.2	8.2	7.7	6.1
District of Columbia	338.2	334.3	335.2	39.6	28.9	28.8	11.7	8.9	8.6
Washington SMSA	1,819.9	1,866.1	1,873.6	99.3	77.7	74.8	5.5	4.2	4.0
Florida¹	5,084.4	5,162.5	5,166.0	418.3	351.2	319.8	8.2	6.6	6.2
Daytona Beach	125.6	129.2	129.0	7.6	5.9	6.2	6.1	4.6	4.8
Fort Lauderdale-Hollywood	527.6	540.2	540.9	35.3	29.0	25.2	6.7	5.4	4.7
Fort Myers-Cape Coral	107.4	113.3	114.1	7.3	6.1	5.4	6.8	5.4	4.7
Gainesville	85.3	87.4	88.7	3.5	3.5	2.5	4.1	4.0	2.8
Jacksonville	382.5	385.0	389.6	27.8	22.2	23.1	7.3	5.8	5.9
Lakeland-Winter Haven	156.4	150.0	148.7	29.1	23.5	20.9	18.6	15.8	14.0
Melbourne-Titusville Cocoa	144.4	149.8	151.5	10.3	7.9	7.5	7.2	5.3	4.9
Miami	888.7	887.3	886.2	82.9	71.6	62.9	9.3	8.1	7.1
Orlando	434.3	458.9	456.7	28.6	26.1	22.9	6.6	5.7	5.0
Pensacola	139.1	140.5	140.8	9.3	8.1	6.1	6.7	5.8	5.7
Sarasota	94.8	95.3	95.0	4.8	3.6	3.8	5.1	4.0	4.0
Tallahassee	95.2	96.9	97.9	4.4	3.9	3.9	4.6	4.0	4.0
Tampa-St. Petersburg	807.7	806.5	808.6	54.6	42.6	40.7	6.8	5.3	5.0
West Palm Beach-Boca Raton	312.5	322.7	321.0	31.1	26.7	22.3	10.0	8.3	6.9

See footnotes at end of table.

STATE AND AREA LABOR FORCE DATA
NOT SEASONALLY ADJUSTED

D-1. Labor force status by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Georgia	2,732.2	2,819.2	2,821.1	197.7	181.5	166.0	7.2	6.4	5.9
Albany	53.4	54.3	53.4	5.5	5.1	4.5	10.2	9.3	8.3
Athens	66.9	66.1	66.1	4.7	3.8	3.7	7.0	5.7	5.6
Atlanta	1,140.7	1,187.5	1,187.0	70.0	57.9	56.8	6.1	4.9	4.8
Augusta	136.4	137.2	135.6	12.2	9.5	8.8	8.9	6.9	6.5
Columbus	91.0	93.1	93.0	7.2	7.4	6.8	7.9	8.0	7.3
Macon	110.3	110.2	109.9	8.2	7.7	7.7	7.5	7.0	7.0
Savannah	100.0	99.2	98.3	8.6	7.7	7.1	8.6	7.8	7.2
Hawaii	477.6	484.1	480.0	29.7	29.3	29.5	6.2	6.1	6.1
Honolulu	363.7	369.2	386.2	20.5	20.2	21.1	5.6	5.5	5.8
Idaho	472.0	471.6	469.9	45.6	30.4	31.0	9.7	6.4	6.6
Boise City	97.6	95.1	94.9	6.6	4.6	4.4	6.8	4.8	4.6
Illinois¹	5,626.2	5,665.5	5,557.6	635.0	489.2	476.7	11.3	8.6	8.6
Bloomington-Normal	61.6	63.3	62.0	4.8	3.8	3.8	7.8	6.0	6.2
Champaign-Urbana-Rantoul	82.5	85.4	85.0	5.9	4.5	4.4	7.1	5.2	5.2
Chicago	3,489.1	3,514.4	3,459.0	364.9	286.0	279.0	10.5	8.1	8.1
Davenport-Rock Island-Moline	188.5	185.4	181.2	25.4	18.3	16.9	13.5	9.9	9.3
Decatur	62.8	61.9	60.3	8.7	6.1	5.5	13.8	9.9	9.1
Kankakee	41.7	41.2	41.1	6.7	5.3	4.8	16.0	12.9	11.8
Peoria	172.2	169.8	165.2	27.3	17.1	16.1	15.9	10.1	9.8
Rockford	138.8	139.9	138.2	17.8	12.0	11.7	12.8	8.6	8.5
Springfield	112.3	106.8	109.8	8.9	8.9	6.7	7.9	6.4	6.1
Indiana	2,571.2	2,670.4	2,652.2	248.8	216.9	192.7	9.7	8.1	7.3
Anderson	55.8	57.5	56.9	6.0	4.3	4.1	10.7	7.4	7.3
Elkhart	79.0	88.7	88.2	4.8	5.8	5.2	6.1	6.5	5.9
Evansville	152.2	154.6	153.1	15.9	13.4	11.7	10.4	8.6	7.6
Fort Wayne	184.3	188.6	187.7	18.5	13.6	11.6	10.0	7.2	6.2
Gary-Hammond-East Chicago	272.5	270.3	266.8	37.5	36.3	34.3	13.8	13.4	12.9
Indianapolis	608.7	635.3	631.9	52.4	41.9	36.0	8.8	6.6	5.7
Lafayette-West Lafayette	59.7	62.6	62.1	4.1	3.3	2.9	6.9	5.3	4.6
Muncie	52.0	53.3	53.0	5.5	4.6	4.2	10.7	8.6	8.0
South Bend	138.1	149.1	147.8	10.8	11.4	8.7	7.9	7.6	5.9
Terre Haute	79.0	81.5	81.2	8.9	6.9	6.8	11.2	8.5	8.3
Iowa	1,434.6	1,425.3	1,397.6	110.6	91.6	82.8	7.7	6.4	5.9
Cedar Rapids	84.0	81.9	80.7	6.4	5.6	5.0	7.6	6.8	6.2
Des Moines	185.8	183.8	181.6	12.1	9.6	8.7	6.5	5.2	4.8
Dubuque	43.1	42.4	41.7	4.6	3.4	3.1	10.6	7.9	7.3
Sioux City	54.1	54.5	53.5	3.7	4.3	3.5	6.9	7.8	6.5
Waterloo-Cedar Falls	66.6	62.4	60.1	14.4	6.4	5.7	21.6	10.3	9.6
Kansas	1,195.6	1,209.8	1,212.0	68.5	58.0	61.9	5.7	4.8	5.1
Lawrence	33.7	32.2	33.3	1.8	1.5	1.3	5.3	4.6	4.0
Topeka	95.3	97.2	97.6	6.0	5.2	5.4	6.3	5.4	5.6
Wichita	225.3	231.1	232.7	16.8	12.6	13.8	7.5	5.5	5.9
Kentucky	1,694.1	1,734.5	1,727.5	183.1	169.1	149.5	10.8	9.6	8.7
Lexington-Fayette	186.3	187.0	187.7	9.6	9.8	8.4	5.1	5.2	4.5
Louisville	427.5	443.0	435.6	42.0	39.2	35.4	9.8	8.8	8.1
Owensboro	45.0	47.2	46.3	3.8	5.3	4.1	8.5	11.2	9.0
Louisiana	1,927.9	1,954.9	1,964.3	224.8	183.8	182.4	11.7	9.4	9.3
Alexandria	78.0	78.1	79.4	8.8	7.2	7.4	11.1	9.2	9.3
Baton Rouge	240.8	250.0	251.0	23.9	20.8	20.7	9.9	8.3	8.3
Lafayette	95.8	98.2	97.5	8.4	5.8	5.7	8.7	5.9	5.9
Lake Charles	78.9	76.3	76.0	11.4	10.4	10.0	14.4	13.6	13.2
Monroe	60.0	60.3	60.7	6.4	5.7	5.8	10.7	9.5	9.2
New Orleans	534.4	542.7	544.4	55.4	47.2	47.4	10.4	8.7	8.7
Shreveport	172.3	172.8	171.1	18.8	13.0	12.8	10.8	7.5	7.5
Maine	562.5	587.9	580.2	42.5	40.3	29.6	7.6	6.9	5.1
Lewiston-Auburn	38.9	41.1	40.2	3.2	4.4	2.6	8.3	10.7	6.5
Portland	98.0	108.6	105.7	8.1	4.5	3.4	6.2	4.1	3.2
Maryland	2,222.9	2,268.2	2,255.2	145.5	119.8	117.7	6.5	5.3	5.2
Baltimore	1,076.3	1,102.3	1,092.4	78.9	67.2	68.2	7.1	6.1	6.2

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		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Massachusetts¹	3,047.0	3,093.8	3,097.6	182.4	134.3	146.9	6.0	4.3	4.7
Boston	1,467.9	1,508.4	1,504.1	77.3	56.5	64.0	5.3	3.7	4.3
Brockton	81.8	83.2	83.3	6.0	4.6	4.8	7.4	5.5	5.7
Fall River	79.8	78.0	79.2	6.3	5.5	5.2	7.9	7.0	6.5
Fitchburg-Leominster	51.0	51.2	51.8	3.6	2.3	2.9	7.1	4.5	5.5
Lawrence-Haverhill	151.4	149.8	151.1	10.7	8.5	9.2	7.1	5.6	6.1
Lowell	138.9	145.3	144.3	6.9	5.4	5.5	5.0	3.7	3.8
New Bedford	87.1	88.6	90.7	6.7	5.7	5.8	7.7	6.5	6.4
Pittsfield	69.7	69.2	69.8	4.6	3.6	4.1	6.6	5.3	5.9
Springfield-Chicopee-Holyoke	287.4	285.0	286.4	20.0	13.3	14.4	7.0	4.7	5.0
Worcester	196.8	190.3	189.9	12.5	9.0	9.8	6.4	4.7	5.2
Michigan¹	4,365.6	4,480.3	4,417.6	588.0	505.7	455.6	13.4	11.3	10.3
Ann Arbor	145.6	(²)	(²)	15.3	(²)	(²)	10.5	(²)	(²)
Battle Creek	81.7	(²)	(²)	10.1	(²)	(²)	12.4	(²)	(²)
Bay City	54.1	(²)	(²)	8.1	(²)	(²)	14.9	(²)	(²)
Benton Harbor	72.5	(²)	(²)	9.9	(²)	(²)	13.7	(²)	(²)
Detroit	2,010.8	(²)	(²)	287.7	(²)	(²)	14.3	(²)	(²)
Flint	226.1	(²)	(²)	35.5	(²)	(²)	15.7	(²)	(²)
Grand Rapids	341.8	(²)	(²)	36.7	(²)	(²)	10.7	(²)	(²)
Jackson	66.5	(²)	(²)	9.7	(²)	(²)	14.5	(²)	(²)
Kalamazoo-Portage	141.0	(²)	(²)	14.3	(²)	(²)	10.2	(²)	(²)
Lansing-East Lansing	249.7	(²)	(²)	25.2	(²)	(²)	10.1	(²)	(²)
Muskegon-Norton Shores-Muskegon Heights	78.8	(²)	(²)	12.2	(²)	(²)	15.5	(²)	(²)
Saginaw	99.0	(²)	(²)	12.7	(²)	(²)	12.8	(²)	(²)
Minnesota	2,199.9	2,284.3	2,261.1	154.6	137.2	127.7	7.0	6.0	5.6
Duluth-Superior	108.4	104.2	104.6	16.2	10.4	13.0	14.9	10.0	12.4
Minneapolis-St. Paul	1,182.9	1,231.6	1,228.2	73.2	62.0	55.2	6.2	5.0	4.5
Rochester	60.0	60.7	60.8	2.9	2.5	2.5	4.9	4.2	4.1
St. Cloud	78.3	82.6	81.1	6.5	6.3	6.3	8.2	7.7	7.7
Mississippi	1,066.2	1,079.6	1,084.6	130.0	117.7	120.9	12.2	10.9	11.1
Jackson	160.8	163.8	165.2	13.0	11.6	11.6	8.1	7.1	7.0
Missouri	2,376.5	2,397.9	2,374.1	222.7	166.7	151.0	9.4	6.9	6.4
Kansas City	698.2	698.9	698.0	54.5	36.3	37.0	7.8	5.2	5.3
St. Joseph	47.1	46.3	46.0	4.8	3.7	3.5	10.1	8.0	7.6
St. Louis	1,164.1	1,172.3	1,181.1	121.3	91.0	86.1	10.4	7.8	7.4
Springfield	115.1	114.6	114.1	8.5	5.9	5.3	7.3	5.1	4.7
Montana	406.3	414.5	417.8	32.3	31.1	29.4	8.0	7.5	7.0
Nebraska	799.0	807.8	791.0	39.4	31.8	26.8	4.9	3.9	3.4
Lincoln	107.3	107.5	108.1	3.9	3.2	2.7	3.7	2.9	2.5
Omaha	292.2	295.0	291.6	15.8	14.1	12.3	5.4	4.8	4.2
Nevada	492.3	495.6	499.9	44.2	36.7	38.0	9.0	7.4	7.6
Las Vegas	272.5	278.8	279.0	27.0	23.9	25.0	9.9	8.6	8.9
Reno	134.2	134.3	135.5	9.4	8.9	7.1	7.0	5.1	5.2
New Hampshire	519.7	539.8	536.4	21.6	24.1	16.2	4.2	4.5	3.0
Manchester	88.7	92.8	92.3	3.8	3.8	2.5	4.3	4.1	2.7
Nashua	89.2	94.7	94.1	3.3	2.7	1.9	3.7	2.8	2.0
New Jersey¹	3,728.6	3,879.8	3,828.6	319.7	244.8	233.0	8.6	6.3	6.1
Atlantic City	130.7	141.9	138.7	11.3	9.9	8.6	8.6	7.0	6.2
Jersey City	240.8	245.1	241.4	32.5	26.2	24.4	13.5	10.7	10.1
Long Branch-Asbury Park	258.7	281.8	279.1	18.8	15.2	14.4	7.3	5.4	5.1
New Brunswick-Perth Amboy-Sayreville	342.5	357.4	353.8	27.8	21.9	21.4	8.1	6.1	6.1
Newark	992.1	1,027.8	1,018.0	81.9	62.0	61.0	8.3	6.0	6.0
Paterson-Clifton-Passaic	218.4	228.8	223.8	24.9	19.9	18.2	11.4	8.7	8.1
Trenton	160.8	168.9	166.2	12.2	8.9	8.3	7.6	5.2	5.0
Vineland-Milville-Bridgeton	58.7	59.2	57.8	9.0	7.5	7.1	15.3	12.7	12.3
New Mexico	616.8	623.4	623.9	61.8	48.3	45.4	10.0	7.4	7.3
Albuquerque	232.5	240.8	241.6	20.3	15.4	15.4	8.7	6.4	6.4
Las Cruces	41.4	41.9	42.3	3.8	3.5	3.5	9.3	8.4	8.3

See footnotes at end of table.

STATE AND AREA LABOR FORCE DATA
NOT SEASONALLY ADJUSTED

D-1. Labor force status by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
New York¹	8,413.0	8,340.8	8,236.8	693.9	680.1	618.3	8.2	8.2	7.5
Albany-Schenectady-Troy	392.2	386.0	387.2	24.6	22.3	21.0	6.3	5.8	5.4
Binghamton	144.5	143.4	143.5	9.7	8.0	8.0	6.7	5.6	5.6
Buffalo	553.0	535.0	528.6	57.6	48.2	47.2	10.4	9.0	8.9
Elmira	38.3	37.6	37.5	3.0	2.8	2.7	7.9	7.5	7.1
Glens-Falls	52.9	51.4	51.2	3.4	3.0	3.0	6.4	5.8	5.9
Nassau-Suffolk	1,470.4	1,461.9	1,444.2	89.2	79.7	77.5	6.1	5.5	5.4
New York	3,800.4	3,813.3	3,744.6	365.7	394.6	343.6	9.6	10.3 [*]	9.2
New York City	3,143.0	3,164.0	3,098.0	332.0	364.0	311.0	10.6	11.5	10.1
Newburgh-Middletown	117.1	112.6	112.6	7.8	6.5	6.6	6.7	5.8	5.8
Poughkeepsie	121.8	120.5	119.4	6.8	5.7	5.1	5.6	4.7	4.3
Rochester	489.7	480.0	473.1	35.6	28.0	25.5	7.3	5.8	5.4
Syracuse	315.1	309.1	307.8	20.4	17.8	17.6	6.5	5.7	5.7
Utica-Rome	138.9	138.3	138.0	9.8	9.5	8.7	7.1	6.9	8.3
North Carolina	2,953.2	3,072.0	3,077.7	235.9	201.4	187.8	8.0	6.6	6.1
Asheville	87.6	91.3	91.1	6.2	5.8	5.5	7.1	6.4	6.0
Charlotte-Gastonia	372.2	389.6	391.7	25.6	20.4	19.2	6.9	5.2	4.9
Greensboro-Winston-Salem-High Point	437.7	457.5	457.4	31.6	24.6	23.8	7.2	5.4	5.2
Raleigh-Durham	320.1	339.7	342.7	14.6	11.8	11.3	4.6	3.5	3.3
North Dakota	347.1	349.2	349.7	16.5	15.0	14.0	4.8	4.3	4.0
Fargo-Moorehead	74.3	75.7	74.1	4.4	3.0	2.4	5.9	3.9	3.2
Ohio¹	5,229.1	5,291.8	5,215.3	563.1	447.1	482.1	10.8	8.4	9.2
Akron	309.1	315.7	311.6	32.2	26.9	29.8	10.4	8.5	9.6
Canton	191.0	191.7	189.3	24.0	17.2	18.6	12.6	9.0	9.8
Cincinnati	696.4	718.1	708.3	63.6	56.4	58.7	9.1	7.9	8.3
Cleveland	955.0	955.0	937.7	98.0	78.4	84.2	10.3	8.2	9.0
Columbus	591.8	612.4	600.7	47.2	41.8	43.0	8.0	6.8	7.2
Dayton	396.5	406.3	399.1	37.1	28.7	30.3	9.3	7.1	7.6
Toledo	379.2	(²)	(²)	44.1	(²)	(²)	11.6	(²)	(²)
Youngstown-Warren	232.6	226.9	228.7	38.4	22.6	27.8	15.6	9.9	12.3
Oklahoma	1,559.7	1,594.1	1,593.1	140.1	105.2	106.8	9.0	6.6	6.7
Enid	33.0	32.1	31.9	2.5	1.8	1.9	7.5	5.7	5.9
Lawton	39.9	41.8	40.2	2.5	2.3	2.3	6.3	5.4	5.7
Oklahoma City	485.4	500.2	505.6	32.9	24.6	30.9	6.8	4.9	6.1
Tulsa	376.5	379.2	379.3	36.6	27.0	25.6	9.7	7.1	6.7
Oregon	1,347.7	1,339.6	1,331.0	128.6	118.4	106.6	9.5	8.8	8.0
Eugene-Springfield	130.5	129.9	130.1	12.2	11.4	10.5	9.4	8.8	8.0
Medford	64.7	65.8	65.4	6.6	6.1	5.5	10.3	9.3	8.4
Portland	665.4	666.7	658.3	62.8	52.6	48.6	9.4	7.9	7.4
Salem	133.6	125.6	130.6	10.8	9.6	8.4	8.1	7.7	6.4
Pennsylvania¹	5,662.1	5,678.1	5,582.6	611.5	539.9	538.0	10.8	9.5	9.6
Allentown-Bethlehem-Easton	322.2	321.3	315.9	36.0	29.8	29.2	11.2	9.3	9.3
Altoona	59.3	58.2	57.1	9.9	6.9	6.0	16.6	11.8	10.6
Erie	128.7	127.6	125.4	16.5	12.2	12.3	12.8	9.5	9.8
Harrisburg	250.3	253.1	250.1	16.1	13.6	13.8	6.4	5.4	5.5
Johnstown	107.2	105.1	102.9	19.0	15.7	14.5	17.7	14.9	14.1
Lancaster	193.8	194.5	193.3	11.6	9.7	9.9	6.0	5.0	5.1
Northeast Pennsylvania	302.5	308.1	302.7	33.6	38.9	36.6	11.1	12.6	12.1
Philadelphia	2,281.1	2,323.7	2,288.1	193.5	167.8	170.9	8.5	7.2	7.5
Pittsburgh	1,054.1	1,042.2	1,019.8	138.7	120.7	122.5	13.2	11.6	12.0
Reading	163.3	166.6	164.5	13.1	12.5	12.4	8.0	7.5	7.5
Sharon	54.0	51.8	51.6	8.6	6.4	6.5	16.0	12.4	12.5
State College	52.7	52.8	52.8	5.0	4.4	4.3	9.4	8.4	8.2
Williamsport	53.0	54.4	53.6	7.0	5.9	5.8	13.1	10.9	10.8
York	186.3	187.9	185.2	18.6	17.5	15.9	10.0	9.3	6.6
Rhode Island	481.1	492.3	494.0	38.5	33.6	24.9	8.0	6.8	5.0
Providence-Warwick-Pawtucket	469.7	476.6	477.7	36.7	33.4	25.5	8.2	7.0	5.3
South Carolina	1,477.5	1,522.6	1,493.5	134.5	106.2	98.0	9.1	7.0	6.6
Charleston-North Charleston	175.7	185.9	182.9	15.1	10.1	9.2	8.6	5.4	5.1
Columbia	200.1	206.4	205.6	12.4	9.9	8.9	6.2	4.8	4.3
Greenville-Spartanburg	284.8	293.3	286.5	23.0	17.7	15.9	8.1	6.0	5.6
South Dakota	346.0	350.0	347.1	15.1	13.2	12.2	4.4	3.8	3.5
Sioux Falls	66.1	68.1	67.2	2.1	2.2	2.0	3.2	3.2	2.9

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		
	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P	Aug. 1983	July 1984	Aug. 1984 ^P
Tennessee	2,199.5	2,223.7	2,212.2	231.8	202.4	193.9	10.5	9.1	8.8
Chattanooga	194.6	198.9	197.3	18.2	16.1	14.7	9.3	8.1	7.4
Johnson City-Kingsport-Bristol	202.6	212.1	212.3	20.3	18.3	17.6	10.0	8.6	8.3
Knoxville	231.8	230.4	230.3	23.2	18.0	17.8	10.0	7.6	7.7
Memphis	440.8	412.9	410.1	39.6	31.5	30.2	9.0	7.6	7.4
Nashville-Davidson	450.7	467.9	464.8	33.5	28.5	26.9	7.4	6.1	5.8
Texas¹	7,655.8	8,186.4	8,072.2	580.4	516.1	450.2	7.8	6.3	5.6
Abilene	77.1	80.2	79.0	4.2	3.6	3.0	5.5	4.4	3.9
Amarillo	98.3	106.0	104.7	4.8	5.0	4.4	4.9	4.7	4.2
Austin	320.2	356.4	355.5	12.9	12.8	12.0	4.0	3.6	3.4
Beaumont-Port Arthur	178.8	188.8	182.7	24.0	22.6	18.8	13.4	12.0	10.3
Brownsville-Harlingen-San Benito	90.6	96.3	94.7	13.0	14.1	12.0	14.3	14.8	12.7
Bryan-College Station	53.0	57.1	56.5	2.3	2.3	2.1	4.4	4.1	3.6
Corpus Christi	169.6	173.6	170.7	19.2	15.5	13.4	11.3	8.9	7.8
Dallas-Fort Worth	1,816.0	1,976.9	1,960.8	87.3	79.4	69.2	4.8	4.0	3.5
El Paso	193.8	206.9	204.8	21.4	21.1	19.9	11.0	10.2	9.7
Galveston-Texas City	90.3	96.1	94.0	10.8	9.8	8.6	11.9	10.2	9.1
Houston	1,768.3	1,851.8	1,820.5	160.9	131.1	111.8	9.1	7.1	6.1
Killeen-Temple	74.1	81.4	80.0	4.4	4.8	3.9	5.9	5.9	4.9
Laredo	39.8	40.8	39.4	9.5	7.1	6.0	23.8	17.4	15.3
Longview-Marshall	80.9	83.1	81.7	8.7	7.0	6.0	10.8	8.4	7.4
Lubbock	112.8	117.5	115.5	7.5	6.6	5.7	6.6	5.6	4.9
McAllen-Pharr-Edinburg	112.8	120.4	117.8	23.3	25.4	23.5	20.7	21.1	19.9
Midland	65.5	76.7	75.1	3.7	3.1	2.7	5.7	4.0	3.6
Odessa	73.3	80.9	79.6	6.4	4.0	3.4	8.8	4.9	4.3
San Angelo	49.9	53.0	52.4	2.6	2.3	2.0	5.1	4.3	3.8
San Antonio	506.1	553.8	546.2	29.4	29.6	25.9	5.8	5.3	4.7
Sherman-Denison	40.6	42.6	42.0	2.7	2.3	1.9	6.5	5.3	4.5
Texarkana	51.7	55.6	54.9	4.5	4.6	4.1	8.8	8.2	7.4
Tyler	76.4	81.7	81.2	4.5	4.3	3.9	6.0	5.3	4.8
Waco	89.2	97.9	95.9	4.4	4.5	4.0	5.0	4.6	4.2
Wichita Falls	67.8	71.8	70.7	4.1	3.4	3.1	6.0	4.7	4.3
Utah	698.3	705.8	715.1	58.5	42.8	41.6	8.4	6.1	5.8
Salt Lake City-Ogden	456.7	463.5	469.3	36.5	26.0	25.8	8.0	5.6	5.5
Vermont	267.3	273.3	274.1	15.3	13.2	11.2	5.7	4.8	4.1
Burlington	70.5	73.3	73.7	3.2	2.8	2.3	4.5	3.8	3.2
Virginia	2,742.8	2,850.3	2,839.2	142.2	146.8	125.6	5.2	5.1	4.4
Danville	55.5	57.0	56.3	4.3	5.0	3.9	7.7	8.7	6.9
Lynchburg	76.1	78.8	78.7	3.8	4.0	3.6	5.0	5.1	4.5
Newport News-Hampton	181.0	193.8	192.3	7.7	9.2	7.9	4.2	4.7	4.1
Norfolk-Virginia Beach-Portsmouth	361.9	382.7	379.8	18.8	18.7	16.5	5.2	4.9	4.3
Petersburg-Colonial Heights-Hopewell	55.4	54.9	54.3	4.3	4.6	3.9	7.8	8.4	7.1
Richmond	352.4	382.9	361.8	15.3	14.8	13.0	4.3	4.1	3.6
Roanoke	114.6	118.7	118.3	5.9	5.0	4.4	5.1	4.2	3.8
Washington	2,075.6	2,059.5	2,041.3	209.1	184.7	167.6	10.1	9.0	8.2
Seattle-Everett	907.6	903.4	903.0	85.7	66.8	61.1	9.4	7.4	6.8
West Virginia	785.1	775.9	773.0	138.5	112.8	105.2	17.4	14.5	13.6
Charleston	125.6	125.3	124.6	17.7	15.3	15.0	14.1	12.2	12.0
Huntington-Ashland	125.2	121.7	120.6	21.7	16.5	15.4	17.3	13.6	12.8
Parkersburg-Marietta	76.3	75.7	75.9	10.8	8.8	8.6	14.2	11.6	11.4
Wheeling	83.7	80.9	80.3	13.1	10.3	10.6	15.7	12.7	13.2
Wisconsin	2,434.8	2,438.9	2,426.6	218.5	180.1	161.8	9.0	7.4	6.7
Appleton-Oshkosh	155.1	157.9	157.6	12.6	10.9	9.9	8.1	6.9	6.3
Eau Claire	59.4	61.1	60.1	4.9	4.7	4.3	8.2	7.7	7.1
Green Bay	94.5	96.2	97.1	7.4	6.4	6.0	7.9	6.7	6.2
Janesville-Beloit	72.2	71.8	71.2	11.7	5.5	5.0	16.2	7.6	7.1
Kenosha	60.1	58.3	58.5	5.1	4.3	3.9	8.5	7.3	6.7
La Crosse	49.3	50.5	49.8	3.7	3.3	2.9	7.5	6.6	5.6
Madison	193.3	195.6	196.2	12.0	10.3	9.4	6.2	5.3	4.8
Milwaukee	705.8	708.4	703.8	67.4	50.5	46.3	9.6	7.1	6.6
Racine	84.6	85.9	84.8	9.2	7.6	6.3	10.9	8.8	7.4
Sheboygan	53.6	56.1	56.1	4.2	3.6	3.4	7.9	6.4	6.1
Wausau	55.8	56.0	56.3	5.2	4.9	4.5	9.3	8.7	8.0
Wyoming	271.4	263.8	261.1	20.3	13.5	12.7	7.5	5.1	4.9

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

² Not available.

^P = preliminary.

NOTE: Data refer to place of residence. Estimates for 1983 have been

benchmarked to 1983 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 1, estimates for 1984 are provisional and will be revised when new benchmark information becomes available. Area definitions are published annually in the May issue of this publication.

Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,148 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 over 200,000 establishments employing over 35 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 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 impact on differences in level and trend 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 this 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. Separate statistics are also collected for 14- and 15-year-olds. 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 60,000 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 60,000 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 (a) had made specific efforts to find employment sometime during the prior 4 weeks, or (b) were waiting to be recalled to a job from which they had been laid off, or (c) were waiting to report to a new job within 30 days.

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.

The distribution of employment by hours worked relates to persons at work during the survey week. At-work data differ from data on total employment because the latter include persons in the zero-hours-worked category, with a job but not at work. Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in 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 other 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. Other reasons include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, 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.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (part time for economic reasons), 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. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part time.

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 having values above the median and the other having values below the median. The medians as shown in this publication are calculated by linear interpolation of the \$10 interval within which each median falls.

The Consumer Price Index for All Urban Consumers (CPI-U) is used to deflate the earnings series.

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.

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 exist 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 "Change in the Estimation Procedure for the Current Population Survey Beginning 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 new procedure is described in the Estimating Methods section. 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 new procedure is described in the Estimating Methods section. 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 are only slight differences between the old and new procedures in estimates of level for the various labor force characteristics and virtually no differences in estimates of participation rates.

Changes in the occupational and industrial classification system

Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the

monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employment levels could not be made between 1971-72 and prior years nor between those 2 years. Unemployment rates were not significantly affected. For a further explanation of the changes in the occupational classification system, see "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

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

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

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

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

Changes in the sample design

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

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, the number of

sample areas and the number of sample persons are increased occasionally. In 1953, the current rotation plan was introduced in which a sample unit is interviewed for 4 months, leaves the sample for 8 months, and then returns to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated into the design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction units that previously had no chance for selection in the CPS sample. 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 April 1984, households selected based on the 1980 census sample design are being introduced into the survey, but they are located in those 1970 design sample areas that will continue into the 1980 sampling frame. Hence, there is no change in the number of sample areas at this time. (See pp. 7-10 of the May 1984 issue for an overview of 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 col-

lection 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. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, 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 adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and, within these, for six groups—two race categories (white, and black and other) within three residential categories. For sample areas which are Standard Metropolitan Statistical Areas, (SMSA's), these residence categories are the central cities, the urban, and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed

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	¹ 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	² 333	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 present	629	57,800	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.

varies from 4 to 5 percent, depending on weather, vacations, 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 629 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 procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. Effective with January 1983 data, the procedure corrects for the differences that existed at the time of the 1980 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by race only. Prior to January 1983, the State adjustment was also done by urban-rural status. At both the regional and the State levels, the race-residence categories were changed from white/nonwhite to black/nonblack. The residence categories at the State level of the estimation procedure were dropped because definitional differences between the 1970 census and the 1980 census made it impossible to continue using the same categories.

b. *Second-stage ratio estimate.* In this stage, the sample proportions of persons in specific categories are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio adjustment which is performed to further reduce variability of the estimates and to correct to some extent for CPS undercoverage relative to the decennial census, is carried out in two 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 for the State. The second step is applied to all sample persons and is a weighting to nationwide in-

dependent population estimates within 68 age-sex-race groups. 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 categories will be virtually equal to the independent population control totals. This second-stage adjustment procedure incorporates changes instituted in January 1982. The nature and effect of these changes are discussed in detail in "Revisions in the Current Population Survey Beginning in January 1982" in the February 1982 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 are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports, Series PHC80-V*, and the Armed Forces overseas, as compiled from Department of Defense reports.

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.

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. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels 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 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for men than for women, and larger for black, and other races combined than for whites. Ratio estimation to independent age-sex-race 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 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 and up-to-date 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 errors above the estimate would include the average of all possible samples.

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

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were 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 were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

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

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables 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.

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

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 (con- secutive months only)
Total, 16 years and over:		
Civilian labor force	252	193
Employed	270	205
Unemployed	137	138
Men, 20 years and over:		
Civilian labor force	152	131
Employed	167	146
Unemployed	96	96
Women, 20 years and over:		
Civilian labor force	190	143
Employed	190	147
Unemployed	83	86
Both sexes, 16 to 19 years:		
Civilian labor force	83	90
Employed	86	97
Unemployed	58	64
Black, 16 years and over:		
Civilian labor force	87	66
Employed	95	71
Unemployed	66	69
Men, 20 years and over:		
Civilian labor force	50	44
Employed	57	51
Unemployed	45	48
Women, 20 years and over:		
Civilian labor force	67	47
Employed	67	49
Unemployed	43	46
Both sexes, 16 to 19 years:		
Civilian labor force	32	37
Employed	27	31
Unemployed	30	32

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)	0.12	0.12	Occupation—Continued		
Men, 20 years and over	.16	.16	Precision production, craft, and repair	0.38	0.42
Women, 20 years and over	.18	.19	Machine operators, assemblers, and inspectors	.52	.59
Both sexes, 16 to 19 years	.66	.78	Transportation and material moving	.68	.78
White workers	.12	.13	Handlers, equipment cleaners, helpers, and laborers	.80	.93
Black workers	.55	.58	Farming, forestry, and fishing	.88	1.01
Married men, spouse present	.16	.17	Industry		
Married women, spouse present	.22	.23	Nonagricultural private wage and salary workers	.14	.15
Full-time workers	.13	.13	Mining	1.47	1.68
Part-time workers	.34	.42	Construction	.71	.81
Unemployed 15 weeks and over	.07	.09	Manufacturing	.28	.31
Occupation			Durable goods	.35	.39
Executive, administrative, and managerial	.25	.28	Nondurable goods	.44	.50
Professional specialty	.20	.23	Transportation, communications, and public utilities	.43	.48
Technicians and related support	.49	.55	Wholesale and retail trade	.28	.31
Sales	.31	.35	Finance and services	.22	.24
Administrative support, including clerical	.26	.29	Government workers	.25	.28
Private household	1.28	1.45	Agricultural wage and salary workers	1.29	1.50
Protective service	.80	.90			
Service, except private household and protective	.41	.46			

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.

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 percentages 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:

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 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.

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, 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.

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, vacations, 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 covers 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 includes 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 hourly and weekly 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 weekly earnings 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 proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

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

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.

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.

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.

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.

Railroads 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 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.

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).

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. Prior to January 1956, these data were based on the application of adjustment factors to average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. 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.

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 hour aggregates are the product of average weekly hours and production worker or nonsupervisory worker employment. At all higher levels of industry aggregation, hour aggregates are the sum of the component aggregates.

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*.

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 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 1983 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 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 1983 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.

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

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1983

Industry	Benchmark	Estimate	Percent difference
Total	88,208,000	88,172,000	(¹)
Mining	945,000	996,000	-5.4
Construction	3,469,000	3,453,000	.5
Manufacturing	17,956,000	18,166,000	-1.2
Transportation and public utilities	4,923,000	4,913,000	.2
Wholesale trade	5,156,000	5,145,000	.2
Retail trade	14,971,000	14,810,000	1.1
Finance, insurance, and real estate	5,361,000	5,359,000	(¹)
Services	19,262,000	19,279,000	-.1
Government	16,165,000	16,051,000	.7

¹ Less than 0.05 percent.

considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large 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 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

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1983¹

Industry	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	195,100	35,141,000	40
Mining	2,600	324,000	34
Construction	19,100	667,000	19
Manufacturing	49,200	9,951,000	55
Transportation and public utilities:			
Railroad transportation (ICC)	30	341,000	93
Other transportation and public utilities:	8,700	2,353,000	52
Wholesale trade	16,800	820,000	16
Retail trade	30,800	2,660,000	18
Finance, insurance, and real estate	13,400	2,040,000	38
Services	33,100	4,291,000	22
Government:			
Federal ²	4,800	2,731,000	100
State	3,700	3,051,000	81
Local	12,900	5,912,000	61

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 4,800 reports covering about 64 percent of employment in Federal establishments.

the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate 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 .....	.2	0.1	0.2
Mining	2.1	1.0	1.3
Construction	1.7	.2	.5
Manufacturing .....	.5	.1	.2
Durable goods .....	.5	.1	.3
Nondurable goods .....	.4	.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 .....	.2	.2	.4
Services .....	.4	.4	.6
Government ³ .....	.7	-	-

¹ The average percent revision in employment for the 1979-83 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 errors 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

Table Q. Errors of preliminary employment estimates

Industry	Root-mean-square error of—	
	Monthly level	Month-to-month change
Total nonagricultural employment	114,600	105,000
Goods-producing	39,600	34,300
Mining	5,500	5,100
Construction	22,000	18,200
Manufacturing	29,000	28,500
Durable two-digit industries	5,400	5,200
Nondurable two-digit industries	3,900	3,900
Service-producing	93,600	91,500
Transportation and public utilities	13,400	14,000
Wholesale trade	9,000	8,300
Retail trade	42,600	30,100
Finance, insurance, and real estate	9,300	8,200
Services	34,500	28,000
Government	71,300	62,800

NOTE: Data at the division level are based on differences from January 1978 through December 1983. Two-digit industry data are based on differences from January 1982 through December 1983

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.

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 in-

clude 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 household and institutions, owner-occupied housing, and 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 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, 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 40 States, 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 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 unemployment insurance (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 40 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 10 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 40 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 10 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 new 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

1983, new seasonal adjustment factors to be used to calculate the civilian unemployment rate for the first 6 months of 1984, and a description of the current seasonal adjustment methodology are published in the January 1984 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1979-83 revision period for a broad range of labor force series appear in the February 1984 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are published in *Supplement to Labor Force Statistics Derived From the Current Population Survey: A Databook*, Volume II, Bulletin 2096-1, May 1984.

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 1984 and projected data through March 1985. 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 nonsupervisory 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

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 1984. Seasonal adjustment factors to be used for current adjustment appear in the June 1984 issue of *Employment and Earnings*.