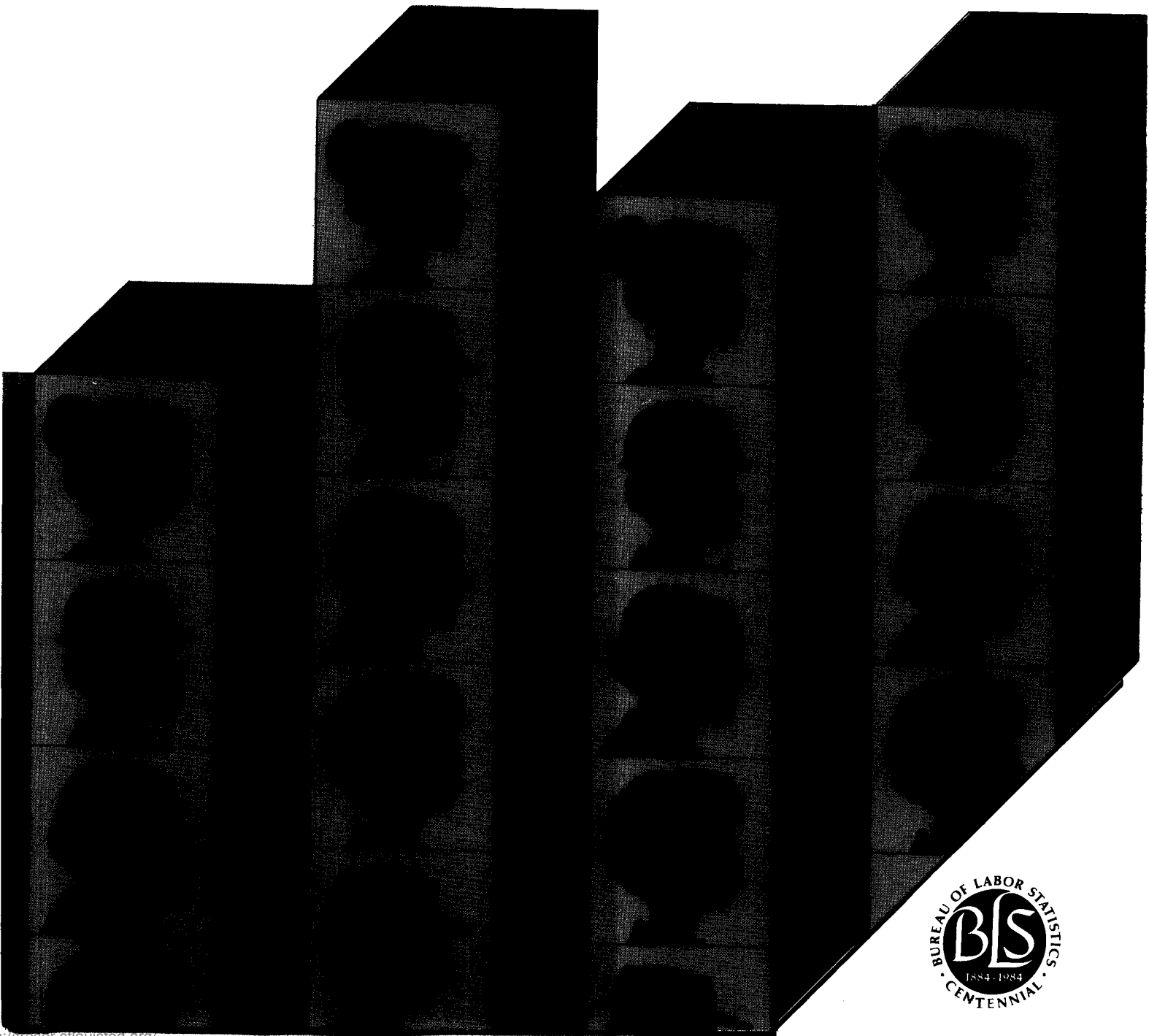




EMPLOYMENT AND EARNINGS

April 1984

U.S. Department of Labor  
Bureau of Labor Statistics





**U.S. DEPARTMENT OF LABOR**  
Raymond J. Donovan, Secretary

BUREAU OF LABOR STATISTICS  
Janet L. Norwood, Commissioner

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## Calendar of Features

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

### Household data

Annual averages	Jan.
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, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.

### Establishment data

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

### State and area unemployment data

Annual averages	May
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<sup>1</sup> Issue varies. Latest revised data introduced June 1983.

<sup>2</sup> Month of publication varies. The latest supplement was published in July 1983.

# Employment and Earnings

Vol. 31 No. 4 April 1984

Editors: Gloria Peterson Green, Rosalie K. Epstein

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# Employment and Unemployment Developments, March 1984

Employment continued to rise in March and unemployment was unchanged. Both the overall unemployment rate, 7.7 percent, and the civilian worker rate, 7.8 percent, remained at February levels; each continued to be nearly 3 percentage points below its 1982 recession high.

Total civilian employment—as measured by the monthly survey of households—rose by 250,000 in March to 104.1 million, seasonally adjusted, following a 700,000 gain in February. Civilian employment has increased by 5.1 million since the November 1982 recession trough.

The number of employees on nonagricultural payrolls—as measured by the monthly survey of establishments—was up by 145,000 to 92.5 million, seasonally adjusted. The March job gain was smaller than in recent months, but employment in services and durable goods manufacturing continued to advance.

## Unemployment

The civilian worker unemployment rate was unchanged in March at 7.8 percent, seasonally adjusted, but remained well below the late 1982 recession high of 10.7 percent. The number of unemployed persons held steady from February to March at 8.8 million, 3.1 million below the November 1982 level. Despite the overall stability for March, the unemployment rate for adult men continued to edge down and, at 6.8 percent, was substantially below the recession high of 10.0 percent. Jobless rates for adult women and teenagers (6.9 and 19.9 percent, respectively) have shown little change over the last 4 months. The unemployment rate for white workers was unchanged over the month, and the rate for black workers was little changed, despite an increase among black men, a group that had been showing marked improvement in prior months. The Hispanic jobless rate rose to 11.3 percent, returning to the January level. (See tables A-33 and A-34.)

The number of unemployed persons who had lost their last job continued to decline; job losers accounted for 53 percent of total unemployment in March, compared with 62 percent in November 1982. This over-the-month decrease was offset by increased unemployment among persons seeking their first job. Both measures of average duration of unemployment—the mean and the median—were unchanged in March after dropping

sharply in the prior month. (See tables A-40 and A-41.)

The number of persons working part time involuntarily—sometimes referred to as the partially unemployed—declined by about 350,000 in March to 5.5 million and was 1.2 million below the peak level reached in January 1983. (See table A-35.)

## Civilian employment and the labor force

Total civilian employment grew by 250,000 in March, after a sharper advance in February. At 104.1 million, seasonally adjusted, March employment was 5.1 million above the recession trough. During the 16-month recovery period, employment has increased by 2.9 million for adult men and 2.2 million for adult women, while teenage employment was unchanged.

The civilian labor force rose slightly over the month to 112.9 million, seasonally adjusted. Since March 1983, the labor force has increased by about 2.0 million, as substantial gains among adult workers—900,000 men and 1.2 million women—overshadowed a small decline for teenagers. (See table A-33.)

## Discouraged workers

The number of people wanting jobs but not looking for work because they believed they could not find any—1.3 million in the first quarter—continued the downward progression that has totaled nearly 500,000 since the fourth quarter 1982 recessionary high. Virtually all of this drop was among persons who reported that they were not seeking work because of job-market factors—as opposed to personal factors such as age and lack of education or training. Women and blacks continued to be disproportionately represented among the discouraged—64 and 30 percent, respectively. (See table A-53.)

## Industry payroll employment

Nonagricultural payroll employment rose by 145,000 in March, somewhat off the pace of recent months. While job gains were widespread—nearly two-thirds of the 186 industries in the BLS index of diffusion registered over-the-month increases—they tended to be small. At 92.5 million, seasonally adjusted, payroll employment has grown by 3.7 million since November 1982. (See tables B-4 and B-7.)



Most of the over-the-month rise occurred in the services industry, where employment rose by 125,000. Little or no change occurred elsewhere in the service-producing sector, except for a small increase in wholesale trade. There was little change in the goods-producing sector, as a modest employment increase of 60,000 in manufacturing was offset by a 50,000 drop in construction. The increase in factory jobs occurred primarily in the durable goods industries, particularly machinery, fabricated metals, and electrical and electronic equipment. Total manufacturing employment has now recovered a little over three-fifths of the jobs lost during the recent recession.

### **Weekly hours**

Average weekly hours for production or nonsupervisory workers on private nonagricultural payrolls fell 0.2 hour in March to 35.2 hours, seasonally adjusted. Declines were widespread, as all major industry divisions except services experienced shorter workweeks.

The manufacturing workweek decreased by half an hour from the very high levels recorded in January and February. At 40.5 hours, factory hours have returned to the level prevailing at the end of last year. The decline in hours was pervasive within both durable and non-durable goods industries; only automobiles and petroleum and coal products posted increases. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls dropped 0.5 percent to 109.8 (1977 = 100) in

March. Declines were widespread, but particularly large in construction, which fell by 5.7 percent. This sharp drop reflected a decrease in weekly hours that can be associated with severe weather in many parts of the country as well as the decline in construction employment. The manufacturing index declined by 0.8 percent over the month to 95.6 but was still nearly 15 percent above the November 1982 level. (See table C-7.)

### **Hourly and weekly earnings**

Average hourly earnings edged up in March, but average weekly earnings fell 0.3 percent on a seasonally adjusted basis as a result of the decline in the workweek. Before allowance for seasonality, average hourly earnings were unchanged at \$8.24, and weekly earnings decreased slightly to \$288.40. Over the year, these levels represent increases of 34 cents and \$14.27, respectively. (See tables C-1 and C-8.)

### **The Hourly Earnings Index**

The Hourly Earnings Index (HEI) was 158.7 (1977 = 100) in March, seasonally adjusted, an increase of 0.3 percent from February. For the 12 months ended in March, the increase (before seasonal adjustment) was 3.4 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 0.6 percent during the 12-month period ended in February. (See table C-8.)

**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				
<b>Annual averages</b>												
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 <sup>1</sup> .....	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 <sup>1</sup> .....	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 <sup>1</sup> .....	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 <sup>1</sup> .....	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091	
1973 <sup>1</sup> .....	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 <sup>1</sup> .....	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	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
<b>1983:</b>												
March .....	175,320	112,399	64.1	100,980	1,664	99,316	3,386	95,930	11,419	10.2	62,921	
April .....	175,465	112,646	64.2	101,277	1,671	99,606	3,392	96,214	11,369	10.1	62,819	
May .....	175,622	112,619	64.1	101,431	1,669	99,762	3,374	96,388	11,188	9.9	63,003	
June .....	175,793	113,573	64.6	102,411	1,668	100,743	3,479	97,264	11,162	9.8	62,220	
July .....	175,970	113,489	64.5	102,889	1,664	101,225	3,499	97,726	10,600	9.3	62,481	
August .....	176,122	113,799	64.6	103,166	1,682	101,484	3,449	98,035	10,633	9.3	62,323	
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	
<b>1984:</b>												
January .....	177,219	113,901	64.3	104,876	1,686	103,190	3,271	99,918	9,026	7.9	63,318	
February .....	177,383	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	

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

<sup>2</sup> The population and Armed Forces figures are not adjusted for seasonal variation.

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				
<b>Annual averages</b>												
<b>MEN</b>												
1973 <sup>1</sup> .....	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	51,657	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	4,038	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 <sup>1</sup> .....	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	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
<b>1983:</b>												
March .....	83,789	64,096	76.5	57,423	1,528	55,895	2,695	53,200	6,873	10.4	19,893	
April .....	83,856	64,311	76.7	57,589	1,530	56,059	2,707	53,352	6,722	10.5	19,545	
May .....	83,931	64,348	76.7	57,744	1,528	56,216	2,715	53,501	6,604	10.3	19,583	
June .....	84,014	64,778	77.1	58,389	1,525	56,844	2,784	54,060	6,409	9.9	19,236	
July .....	84,099	64,840	77.1	58,592	1,521	57,071	2,812	54,259	6,248	9.6	19,259	
August .....	84,173	64,807	77.0	58,807	1,538	57,089	2,762	54,307	6,200	9.6	19,366	
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	
<b>1984:</b>												
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	4,946	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	
<b>Annual averages</b>												
<b>WOMEN</b>												
1973 <sup>1</sup> .....	77,853	34,853	44.8	32,764	49	32,715	622	32,093	2,089	6.0	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 <sup>1</sup> .....	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	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
<b>1983:</b>												
March .....	91,532	48,303	52.8	43,557	136	43,421	691	42,730	4,746	9.8	43,229	
April .....	91,609	48,335	52.8	43,688	141	43,547	685	42,862	4,647	9.6	43,274	
May .....	91,691	48,271	52.6	43,687	141	43,546	659	42,887	4,584	9.5	43,420	
June .....	91,779	48,795	53.2	44,042	143	43,899	695	43,204	4,753	9.7	42,964	
July .....	91,871	48,649	53.0	44,297	143	44,154	687	43,467	4,352	8.9	43,222	
August .....	91,949	48,992	53.3	44,559	144	44,415	687	43,728	4,433	9.0	42,957	
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	
<b>1984:</b>												
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	

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

<sup>2</sup> The population and Armed Forces figures are not adjusted for seasonal variation.

**HOUSEHOLD DATA  
HISTORICAL**

**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
<b>Annual averages</b>								
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 <sup>1</sup> .....	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	8.0
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 <sup>1</sup> .....	117,245	69,628	59.4	85,778	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 <sup>1</sup> .....	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 <sup>1</sup> .....	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 <sup>1</sup> .....	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 .....	158,150	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 <sup>1</sup> .....	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
<b>Monthly data, seasonally adjusted<sup>2</sup></b>								
<b>1983:</b>								
March .....	173,656	110,735	63.8	99,316	11,419	10.3	10.7	9.9
April .....	173,794	110,975	63.9	99,606	11,369	10.2	10.7	9.6
May .....	173,953	110,950	63.8	99,762	11,188	10.1	10.5	9.5
June .....	174,125	111,905	64.3	100,743	11,162	10.0	10.1	9.8
July .....	174,306	111,825	64.2	101,225	10,600	9.5	9.9	9.0
August .....	174,440	112,117	64.3	101,484	10,633	9.5	9.8	9.1
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	112,138	64.0	102,941	9,195	8.2	8.3	8.1
<b>1984:</b>								
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

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

**Explanatory Notes.**

<sup>2</sup> The population figures are not adjusted for seasonal variation.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	March 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					
<b>TOTAL</b>											
16 years and over .....	175,824	111,828	63.6	102,770	9,057	8.1	83,996	31,308	9,894	2,972	19,823
16 to 19 years .....	14,880	7,270	48.9	5,778	1,492	20.5	7,810	517	6,480	21	592
18 to 17 years .....	7,230	2,647	38.6	2,003	644	24.3	4,584	121	4,235	9	218
18 to 19 years .....	7,649	4,623	60.4	3,775	848	18.3	3,026	396	2,245	12	374
20 to 24 years .....	20,761	15,655	75.4	13,728	1,927	12.3	5,105	1,988	2,280	64	773
25 to 54 years .....	91,863	73,990	80.5	69,082	4,908	6.6	17,873	13,300	1,097	909	2,568
25 to 34 years .....	39,777	32,416	81.5	29,755	2,661	8.2	7,361	5,389	816	201	955
25 to 29 years .....	20,804	16,923	81.3	15,373	1,550	9.2	3,881	2,703	560	75	544
30 to 34 years .....	18,973	15,493	81.7	14,382	1,111	7.2	3,480	2,686	255	128	412
35 to 44 years .....	29,879	24,591	82.3	23,212	1,379	5.6	5,288	4,136	196	239	717
35 to 39 years .....	16,517	13,585	82.1	12,749	817	8.0	2,951	2,338	125	110	389
40 to 44 years .....	13,363	11,025	82.5	10,464	562	5.1	2,337	1,809	71	129	328
45 to 54 years .....	22,207	16,983	76.5	16,115	868	5.1	5,224	3,775	84	489	895
45 to 49 years .....	11,243	8,900	79.2	8,427	473	5.3	2,343	1,721	59	170	393
50 to 54 years .....	10,964	8,083	73.7	7,888	395	4.9	2,881	2,055	25	299	502
55 to 64 years .....	22,052	11,974	54.3	11,345	628	5.2	10,078	5,548	27	801	3,702
55 to 59 years .....	11,320	7,265	64.2	6,883	382	5.3	4,055	2,506	20	419	1,110
60 to 64 years .....	10,732	4,708	43.9	4,463	246	5.2	6,023	3,042	7	382	2,593
65 years and over .....	26,289	2,939	11.2	2,837	102	3.5	23,330	9,954	11	1,177	12,188
65 to 69 years .....	8,947	1,689	18.9	1,620	69	4.1	7,259	3,225	7	271	3,755
70 years and over .....	17,321	1,249	7.2	1,217	33	2.6	16,072	6,730	5	906	8,433
<b>Men</b>											
16 years and over .....	83,338	62,926	75.5	57,622	5,304	8.4	20,412	467	5,024	1,687	13,234
16 to 19 years .....	7,458	3,822	51.2	2,992	830	21.7	3,636	14	3,306	8	308
16 to 17 years .....	3,671	1,388	37.8	1,037	352	25.3	2,283	10	2,143	4	125
18 to 19 years .....	3,787	2,434	64.3	1,955	478	19.6	1,353	4	1,183	3	183
20 to 24 years .....	10,141	8,395	82.8	7,267	1,128	13.4	1,748	34	1,194	41	476
25 to 54 years .....	44,729	41,903	93.7	39,040	2,883	6.8	2,826	116	515	655	1,539
25 to 34 years .....	19,480	18,280	93.8	16,746	1,534	8.4	1,200	53	429	143	575
25 to 29 years .....	10,201	9,495	93.1	8,585	910	9.6	706	23	297	52	335
30 to 34 years .....	9,279	8,785	94.7	8,161	624	7.1	494	30	132	91	240
35 to 44 years .....	14,535	13,870	95.4	13,074	796	5.7	664	34	64	173	393
35 to 39 years .....	8,040	7,683	95.6	7,223	461	8.0	358	19	44	87	206
40 to 44 years .....	6,495	6,187	95.3	5,852	336	5.4	308	15	20	86	187
45 to 54 years .....	10,714	9,753	91.0	9,220	533	5.5	961	29	21	339	572
45 to 49 years .....	5,450	5,078	92.2	4,793	284	5.6	372	9	15	119	229
50 to 54 years .....	5,264	4,675	88.8	4,426	249	5.3	589	21	6	220	342
55 to 64 years .....	10,285	7,040	68.5	6,610	430	6.1	3,244	90	7	506	2,642
55 to 59 years .....	5,332	4,272	80.1	4,021	251	5.9	1,059	36	4	264	755
60 to 64 years .....	4,953	2,768	55.9	2,589	179	6.5	2,185	54	3	242	1,886
65 years and over .....	10,726	1,766	16.5	1,713	53	3.0	8,960	213	2	477	8,269
65 to 69 years .....	3,987	992	24.9	956	37	3.7	2,995	65	3	150	2,777
70 years and over .....	6,739	773	11.5	757	17	2.1	5,966	148	-	327	5,492
<b>Women</b>											
16 years and over .....	92,486	48,901	52.9	45,148	3,753	7.7	43,585	30,841	4,870	1,285	6,589
16 to 19 years .....	7,422	3,448	46.5	2,786	662	19.2	3,974	503	3,174	13	284
16 to 17 years .....	3,559	1,258	35.4	966	292	23.2	2,301	111	2,092	5	93
18 to 19 years .....	3,862	2,189	56.7	1,820	370	16.9	1,673	392	1,082	9	191
20 to 24 years .....	10,820	7,260	68.4	6,461	800	11.0	3,360	1,954	1,086	23	297
25 to 54 years .....	47,134	32,087	68.1	30,042	2,045	6.4	15,047	13,184	582	254	1,029
25 to 34 years .....	20,297	14,137	69.6	13,009	1,128	8.0	8,181	5,336	387	58	380
25 to 29 years .....	10,603	7,428	70.1	6,788	640	8.6	3,175	2,880	263	23	209
30 to 34 years .....	9,694	6,708	69.2	6,221	487	7.3	2,986	2,656	123	35	172
35 to 44 years .....	15,344	10,720	69.9	10,138	582	5.4	4,624	4,102	132	66	324
35 to 39 years .....	8,477	5,882	69.4	5,526	358	8.1	2,595	2,308	81	23	183
40 to 44 years .....	6,868	4,838	70.5	4,612	226	4.7	2,029	1,794	51	43	141
45 to 54 years .....	11,493	7,230	62.9	6,895	335	4.6	4,263	3,746	63	130	324
45 to 49 years .....	5,793	3,822	66.0	3,634	189	4.9	1,971	1,712	44	51	164
50 to 54 years .....	5,700	3,408	59.8	3,262	146	4.3	2,292	2,034	19	79	160
55 to 64 years .....	11,767	4,933	41.9	4,736	198	4.0	6,834	5,456	20	295	1,061
55 to 59 years .....	5,988	2,993	50.0	2,862	131	4.4	2,996	2,470	16	155	354
60 to 64 years .....	5,779	1,941	33.6	1,874	67	3.4	3,638	2,988	4	140	706
65 years and over .....	15,542	1,173	7.5	1,124	49	4.1	14,370	9,742	9	700	3,919
65 to 69 years .....	4,960	697	14.0	664	32	4.7	4,264	3,160	4	121	978
70 years and over .....	10,582	476	4.5	460	16	3.4	10,106	6,582	5	579	2,941

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	March 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					
<b>WHITE</b>											
16 years and over .....	152,285	97,514	64.0	90,619	6,895	7.1	54,771	27,565	7,525	2,352	17,328
16 to 19 years .....	12,278	6,503	53.0	5,324	1,179	18.1	5,774	407	4,911	17	439
16 to 17 years .....	5,948	2,436	40.9	1,890	546	22.4	3,513	111	3,224	7	171
18 to 19 years .....	6,329	4,066	64.3	3,434	634	15.6	2,262	296	1,668	10	268
20 to 24 years .....	17,387	13,509	77.7	12,132	1,377	10.2	3,878	1,535	1,763	45	535
25 to 54 years .....	79,137	64,089	81.0	60,358	3,732	5.8	15,048	11,546	818	871	2,013
25 to 34 years .....	33,862	27,800	82.1	25,868	1,931	6.9	6,082	4,602	599	152	710
25 to 29 years .....	17,669	14,515	82.1	13,384	1,131	7.8	3,154	2,262	415	57	421
30 to 34 years .....	16,192	13,285	82.0	12,484	801	6.0	2,907	2,339	184	94	289
35 to 44 years .....	25,899	21,402	82.6	20,308	1,094	5.1	4,497	3,620	150	175	552
35 to 39 years .....	14,311	11,786	82.4	11,165	621	7.7	2,525	2,055	96	80	306
40 to 44 years .....	11,588	9,616	83.0	9,143	472	4.9	1,972	1,579	54	96	246
45 to 54 years .....	19,376	14,888	76.8	14,182	706	4.7	4,489	3,324	68	346	751
45 to 49 years .....	9,733	7,754	79.7	7,371	383	4.9	1,979	1,493	49	116	323
50 to 54 years .....	9,644	7,133	74.0	6,811	323	5.4	2,509	1,841	20	229	429
55 to 64 years .....	19,709	10,761	54.6	10,235	526	4.9	8,948	4,988	25	641	3,294
55 to 59 years .....	10,079	6,540	64.9	6,217	322	4.9	3,539	2,221	19	320	980
60 to 64 years .....	9,630	4,222	43.8	4,018	204	4.8	5,409	2,768	6	321	2,314
65 years and over .....	23,774	2,651	11.2	2,570	82	3.1	21,122	9,089	9	977	11,048
65 to 69 years .....	8,078	1,531	19.0	1,473	57	3.7	6,547	2,935	6	214	3,392
70 years and over .....	15,696	1,121	7.1	1,096	24	2.1	14,575	6,155	4	783	7,656
<b>Men</b>											
16 years and over .....	72,710	55,508	76.3	51,381	4,127	7.4	17,202	347	3,865	1,356	11,634
16 to 19 years .....	6,194	3,383	54.6	2,730	653	19.3	2,811	9	2,557	7	238
16 to 17 years .....	3,047	1,281	42.1	981	300	23.4	1,765	8	1,853	4	102
18 to 19 years .....	3,147	2,101	66.8	1,749	353	16.8	1,046	1	905	4	137
20 to 24 years .....	8,552	7,255	84.8	6,427	828	11.4	1,297	19	926	26	325
25 to 54 years .....	38,988	36,845	94.5	34,600	2,245	6.1	2,143	87	373	493	1,190
25 to 34 years .....	16,817	15,943	94.8	14,793	1,149	7.2	874	41	314	105	414
25 to 29 years .....	8,780	8,257	94.0	7,573	684	8.3	523	13	223	38	250
30 to 34 years .....	8,036	7,686	95.6	7,220	466	6.1	350	28	91	67	184
35 to 44 years .....	12,731	12,244	96.2	11,596	648	5.3	487	22	43	132	290
35 to 39 years .....	7,026	6,766	96.3	6,412	354	5.2	260	10	31	63	157
40 to 44 years .....	5,705	5,478	96.0	5,184	294	5.4	227	12	12	70	133
45 to 54 years .....	9,440	8,658	91.7	8,211	447	5.2	782	24	16	256	486
45 to 49 years .....	4,774	4,485	94.0	4,243	242	5.4	289	8	12	82	187
50 to 54 years .....	4,667	4,173	89.4	3,968	205	4.9	493	16	4	174	300
55 to 64 years .....	9,264	6,425	69.4	6,066	360	5.6	2,839	54	8	415	2,362
55 to 59 years .....	4,804	3,911	81.4	3,701	210	5.4	893	17	4	209	663
60 to 64 years .....	4,460	2,514	56.4	2,365	149	5.9	1,946	37	4	206	1,699
65 years and over .....	9,712	1,601	18.5	1,559	42	2.6	8,112	179	-	415	7,518
65 to 69 years .....	3,618	904	25.0	874	29	3.3	2,714	52	1	128	2,533
70 years and over .....	6,094	697	11.4	684	12	1.8	5,397	127	-	287	4,985
<b>Women</b>											
16 years and over .....	79,575	42,005	52.8	39,238	2,788	6.6	37,569	27,218	3,661	996	5,695
16 to 19 years .....	6,084	3,121	51.3	2,594	526	16.9	2,963	398	2,354	10	201
16 to 17 years .....	2,902	1,154	39.8	909	245	21.2	1,747	103	1,571	4	69
18 to 19 years .....	3,182	1,966	61.8	1,685	281	14.3	1,216	295	783	6	131
20 to 24 years .....	8,835	6,254	70.8	5,705	549	8.8	2,581	1,517	836	19	210
25 to 54 years .....	40,149	27,244	67.9	25,758	1,487	5.5	12,905	11,459	445	178	823
25 to 34 years .....	17,045	11,857	69.6	11,075	782	6.6	5,189	4,561	285	47	296
25 to 29 years .....	8,889	6,258	70.4	5,811	447	7.1	2,631	2,249	192	19	171
30 to 34 years .....	8,156	5,599	68.6	5,264	335	6.0	2,557	2,311	93	27	125
35 to 44 years .....	13,168	9,158	69.5	8,712	445	4.9	4,010	3,598	108	43	262
35 to 39 years .....	7,285	5,020	68.9	4,753	267	5.3	2,265	2,034	85	17	149
40 to 44 years .....	5,883	4,138	70.3	3,959	178	4.3	1,745	1,564	42	26	113
45 to 54 years .....	9,936	6,229	62.7	5,970	259	4.2	3,707	3,301	52	90	264
45 to 49 years .....	4,959	3,269	65.9	3,128	141	4.3	1,690	1,484	37	34	136
50 to 54 years .....	4,977	2,960	59.5	2,843	118	4.0	2,016	1,817	16	55	129
55 to 84 years .....	10,445	4,336	41.5	4,170	166	3.8	6,109	4,934	17	226	932
55 to 59 years .....	5,275	2,628	49.8	2,516	112	4.3	2,646	2,204	15	112	316
60 to 64 years .....	5,170	1,707	33.0	1,653	54	3.2	3,463	2,730	2	115	615
65 years and over .....	14,062	1,051	7.5	1,011	40	3.8	13,011	8,910	8	562	3,530
65 to 69 years .....	4,460	627	14.1	599	28	4.5	3,833	2,883	5	86	859
70 years and over .....	9,602	424	4.4	412	12	2.8	9,178	6,028	4	476	2,671

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

(Numbers in thousands)

Age, sex, and race	March 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					
<b>BLACK</b>											
16 years and over .....	19,248	11,692	60.7	9,741	1,951	16.7	7,556	3,058	1,795	541	2,160
16 to 19 years .....	2,161	660	30.3	363	298	45.1	1,520	95	1,279	4	141
16 to 17 years .....	1,064	168	15.8	76	92	54.8	895	7	843	2	43
18 to 19 years .....	1,117	492	44.0	287	205	41.7	625	88	436	2	98
20 to 24 years .....	2,777	1,809	65.1	1,300	509	28.2	968	383	353	18	214
25 to 54 years .....	10,147	7,960	78.4	6,926	1,034	13.0	2,186	1,346	159	199	482
25 to 34 years .....	4,744	3,779	79.7	3,125	654	17.3	965	577	125	44	219
25 to 29 years .....	2,543	1,977	77.7	1,597	380	19.2	566	347	92	17	110
30 to 34 years .....	2,201	1,802	81.9	1,528	273	15.1	400	230	33	27	109
35 to 44 years .....	3,121	2,497	80.0	2,249	248	9.9	624	407	27	53	137
35 to 39 years .....	1,727	1,399	81.0	1,220	179	12.8	328	219	19	23	66
40 to 44 years .....	1,393	1,098	78.8	1,029	69	6.3	296	188	7	31	70
45 to 54 years .....	2,282	1,684	73.8	1,552	132	7.8	597	362	7	102	126
45 to 49 years .....	1,185	900	75.9	828	73	8.1	284	175	6	41	64
50 to 54 years .....	1,096	763	71.4	724	59	7.5	313	187	1	62	63
55 to 64 years .....	1,975	1,027	52.0	935	93	9.0	948	453	3	141	351
55 to 59 years .....	1,046	620	59.2	566	54	8.7	427	220	3	85	119
60 to 64 years .....	929	407	43.9	369	39	9.5	521	233	1	56	232
65 years and over .....	2,168	235	10.9	218	17	7.4	1,933	781	1	179	972
65 to 69 years .....	734	131	17.8	119	11	8.4	603	250	-	48	306
70 years and over .....	1,434	104	7.3	99	6	5.8	1,330	530	1	132	666
<b>Men</b>											
16 years and over .....	8,607	5,999	69.7	4,933	1,066	17.8	2,608	106	832	283	1,384
16 to 19 years .....	1,065	380	35.7	212	169	44.4	685	5	615	1	63
16 to 17 years .....	528	89	16.8	41	48	53.8	439	2	415	1	21
18 to 19 years .....	537	291	54.3	170	121	41.5	246	3	200	-	42
20 to 24 years .....	1,287	963	74.9	683	280	29.1	324	13	154	15	141
25 to 54 years .....	4,541	4,007	88.2	3,463	544	13.6	533	28	64	138	302
25 to 34 years .....	2,141	1,899	88.7	1,553	347	18.3	241	12	51	34	144
25 to 29 years .....	1,152	1,013	87.9	805	208	20.6	139	10	38	13	78
30 to 34 years .....	989	886	89.6	748	138	15.6	103	2	13	21	67
35 to 44 years .....	1,390	1,250	89.9	1,117	133	10.6	140	11	12	34	82
35 to 39 years .....	771	698	90.5	598	100	14.3	73	9	9	19	36
40 to 44 years .....	618	552	89.2	519	33	6.0	67	3	3	15	46
45 to 54 years .....	1,010	858	84.9	794	64	7.5	152	5	1	70	76
45 to 49 years .....	527	456	86.7	424	33	7.2	70	1	1	31	38
50 to 54 years .....	483	401	83.0	370	31	7.8	82	4	-	40	38
55 to 64 years .....	858	518	60.4	454	64	12.3	340	29	-1	77	234
55 to 59 years .....	454	308	67.8	272	36	11.8	146	16	-	45	86
60 to 64 years .....	404	210	52.1	183	28	13.1	194	13	-	33	149
65 years and over .....	856	130	15.1	121	9	6.8	727	31	-	52	644
65 to 69 years .....	307	72	23.6	65	7	( <sup>1</sup> )	235	11	-	17	207
70 years and over .....	549	57	10.4	56	2	( <sup>1</sup> )	492	20	-	35	437
<b>Women</b>											
16 years and over .....	10,641	5,693	53.5	4,808	885	15.5	4,948	2,951	962	258	776
16 to 19 years .....	1,116	280	25.1	151	129	46.0	836	90	664	3	78
16 to 17 years .....	536	80	14.9	35	45	56.0	456	5	428	1	22
18 to 19 years .....	580	200	34.6	116	84	42.0	379	85	236	2	56
20 to 24 years .....	1,490	846	56.7	617	229	27.1	645	370	199	3	73
25 to 54 years .....	5,806	3,953	70.5	3,463	490	12.4	1,653	1,318	95	61	180
25 to 34 years .....	2,803	1,879	72.2	1,572	307	16.3	724	565	74	10	75
25 to 29 years .....	1,391	964	69.3	792	172	17.8	427	337	54	4	32
30 to 34 years .....	1,212	916	75.5	780	135	14.8	297	228	20	6	42
35 to 44 years .....	1,731	1,247	72.0	1,132	115	9.2	484	396	15	19	55
35 to 39 years .....	956	701	73.3	622	79	11.2	255	210	10	4	30
40 to 44 years .....	775	546	70.4	510	36	6.6	229	185	4	16	24
45 to 54 years .....	1,272	827	65.0	759	68	8.2	445	357	6	32	50
45 to 49 years .....	658	444	67.5	404	40	9.0	214	174	5	10	26
50 to 54 years .....	613	382	62.3	354	28	7.3	231	183	1	22	25
55 to 64 years .....	1,117	509	45.5	480	29	5.6	608	424	4	64	117
55 to 59 years .....	592	312	52.7	294	17	5.6	280	204	3	41	34
60 to 64 years .....	525	197	37.5	186	11	5.6	328	220	1	23	83
65 years and over .....	1,312	106	8.1	97	9	8.2	1,206	750	1	127	328
65 to 69 years .....	427	59	13.7	54	4	( <sup>1</sup> )	368	239	-	31	99
70 years and over .....	885	47	5.3	43	4	( <sup>1</sup> )	838	510	1	97	229

<sup>1</sup> Data not shown where base is less than 75,000.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age and sex	March 1984								
	Civilian noninstitutional population	Civilian labor force							Not in labor force
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>TOTAL</b>									
16 years and over .....	23,539	14,314	60.8	12,151	220	11,931	2,163	15.1	9,225
16 to 19 years .....	2,802	766	29.5	454	4	450	312	40.8	1,835
16 to 17 years .....	1,262	211	16.5	113	-	113	98	46.6	1,071
18 to 19 years .....	1,320	555	42.1	341	5	336	214	38.6	765
20 to 24 years .....	3,374	2,147	83.6	1,596	14	1,582	551	25.6	1,227
25 to 54 years .....	12,726	9,901	77.8	8,723	165	8,558	1,177	11.9	2,825
25 to 34 years .....	5,915	4,617	78.0	3,887	60	3,827	730	15.8	1,299
25 to 29 years .....	3,135	2,408	76.8	1,989	22	1,966	419	17.4	726
30 to 34 years .....	2,781	1,171	42.1	1,898	38	1,860	311	26.6	572
35 to 44 years .....	3,980	3,189	80.1	2,904	49	2,855	285	8.9	791
35 to 39 years .....	2,206	1,780	80.7	1,584	27	1,556	196	11.0	426
40 to 44 years .....	1,775	1,410	79.4	1,321	21	1,299	89	6.3	365
45 to 54 years .....	2,830	2,095	74.0	1,933	56	1,877	162	7.7	735
45 to 49 years .....	1,510	1,146	75.9	1,057	31	1,025	89	7.8	364
50 to 54 years .....	1,321	949	71.8	877	26	851	72	7.6	372
55 to 64 years .....	2,343	1,213	51.8	1,110	25	1,085	102	8.4	1,130
55 to 59 years .....	1,242	726	58.5	666	16	650	60	8.2	516
60 to 64 years .....	1,101	487	44.2	445	9	435	42	8.7	615
65 years and over .....	2,495	287	11.5	267	11	256	20	7.0	2,207
65 to 69 years .....	869	158	18.2	147	3	143	11	7.0	711
70 years and over .....	1,625	129	7.9	120	8	113	16	12.4	1,496
<b>Men</b>									
16 years and over .....	10,628	7,418	69.8	6,241	195	6,046	1,177	15.9	3,210
16 to 19 years .....	1,264	439	34.8	263	5	258	177	40.2	825
16 to 17 years .....	624	107	17.2	56	-	56	51	47.8	517
18 to 19 years .....	640	332	51.9	207	6	201	125	37.8	308
20 to 24 years .....	1,589	1,140	71.7	841	11	830	299	26.3	449
25 to 54 years .....	5,740	5,058	88.1	4,438	145	4,294	619	12.2	683
25 to 34 years .....	2,663	2,337	87.7	1,953	51	1,901	384	16.5	326
25 to 29 years .....	1,421	1,238	87.2	1,012	17	994	226	18.3	182
30 to 34 years .....	1,243	1,099	88.4	941	34	907	158	14.4	144
35 to 44 years .....	1,804	1,626	90.2	1,478	44	1,434	148	9.1	177
35 to 39 years .....	1,014	918	90.5	811	26	784	107	11.7	96
40 to 44 years .....	790	709	89.8	668	18	650	41	5.8	81
45 to 54 years .....	1,273	1,094	85.9	1,008	50	959	86	7.9	179
45 to 49 years .....	676	593	87.7	551	30	520	42	7.1	83
50 to 54 years .....	598	502	84.0	458	20	438	44	8.8	96
55 to 64 years .....	1,020	615	60.3	544	22	522	71	11.5	405
55 to 59 years .....	528	361	68.5	321	13	307	41	11.3	166
60 to 64 years .....	493	254	51.5	224	9	215	30	11.8	239
65 years and over .....	1,014	165	16.3	154	11	143	11	6.9	849
65 to 69 years .....	369	89	24.1	82	3	78	7	8.1	280
70 years and over .....	645	76	11.9	72	8	65	4	5.4	568
<b>Women</b>									
16 years and over .....	12,911	6,896	53.4	5,911	26	5,885	986	14.3	6,015
16 to 19 years .....	1,338	327	24.4	191	-	192	136	41.5	1,011
16 to 17 years .....	657	104	15.8	57	-	57	47	45.3	554
18 to 19 years .....	680	223	32.8	134	-	135	89	39.8	457
20 to 24 years .....	1,785	1,007	56.4	755	3	752	251	25.0	778
25 to 54 years .....	6,986	4,843	69.3	4,285	20	4,264	558	11.5	2,142
25 to 34 years .....	3,252	2,280	70.1	1,934	9	1,925	346	15.2	972
25 to 29 years .....	1,714	1,170	68.3	977	5	972	193	16.5	544
30 to 34 years .....	1,538	1,110	72.2	957	4	953	153	13.8	428
35 to 44 years .....	2,177	1,563	71.8	1,426	5	1,421	137	8.8	614
35 to 39 years .....	1,192	862	72.4	773	1	772	89	10.3	330
40 to 44 years .....	985	701	71.1	653	3	649	48	6.8	284
45 to 54 years .....	1,557	1,001	64.3	925	6	918	76	7.6	556
45 to 49 years .....	834	553	66.3	506	1	505	47	8.6	281
50 to 54 years .....	723	447	61.9	419	6	413	28	6.3	276
55 to 64 years .....	1,323	597	45.2	566	3	563	31	5.3	725
55 to 59 years .....	714	364	51.0	345	3	343	19	5.2	350
60 to 64 years .....	609	233	38.3	221	-	220	12	5.3	376
65 years and over .....	1,481	122	8.2	113	1	113	9	7.2	1,359
65 to 69 years .....	500	69	13.9	65	-	65	4	( <sup>1</sup> )	431
70 years and over .....	980	53	5.4	48	-	48	4	( <sup>1</sup> )	928

<sup>1</sup> Data not shown where base is less than 75,000.



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

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
<b>TOTAL</b>								
Civilian noninstitutional population .....	173,656	175,824	74,528	75,880	83,699	85,064	15,429	14,880
Civilian labor force .....	109,873	111,828	58,220	59,104	44,234	45,454	7,418	7,270
Percent of population .....	63.3	63.6	78.1	77.9	52.8	53.4	48.1	48.9
Employed .....	97,994	102,770	51,982	54,630	40,411	42,363	5,601	5,778
Agriculture .....	2,971	2,872	2,214	2,156	544	496	213	220
Nonagricultural industries .....	95,023	99,898	49,768	52,474	39,868	41,868	5,388	5,558
Unemployed .....	11,879	9,057	6,239	4,474	3,823	3,091	1,818	1,492
Unemployment rate .....	10.8	8.1	10.7	7.6	8.6	6.8	24.5	20.5
Not in labor force .....	63,784	63,996	16,308	16,776	39,465	39,611	8,011	7,610
<b>White</b>								
Civilian noninstitutional population .....	150,382	152,285	65,327	66,516	72,281	73,491	12,773	12,278
Civilian labor force .....	95,599	97,514	51,298	52,126	37,672	38,884	6,629	6,503
Percent of population .....	63.6	64.0	78.5	78.4	52.1	52.9	51.9	53.0
Employed .....	86,385	90,619	46,320	48,652	34,931	36,643	5,134	5,324
Agriculture .....	2,761	2,652	2,051	1,966	511	470	200	216
Nonagricultural industries .....	83,623	87,967	44,270	46,885	34,420	36,173	4,933	5,108
Unemployed .....	9,214	6,895	4,977	3,474	2,742	2,241	1,495	1,179
Unemployment rate .....	9.6	7.1	9.7	6.7	7.3	5.8	22.6	18.1
Not in labor force .....	54,783	54,771	14,029	14,390	34,609	34,606	6,145	5,774
<b>Black</b>								
Civilian noninstitutional population .....	18,823	19,248	7,303	7,542	9,278	9,525	2,242	2,181
Civilian labor force .....	11,416	11,692	5,440	5,619	5,315	5,413	661	660
Percent of population .....	60.6	60.7	74.5	74.5	57.3	56.8	29.5	30.3
Employed .....	9,102	9,741	4,359	4,722	4,369	4,657	375	363
Agriculture .....	163	163	129	143	22	17	12	3
Nonagricultural industries .....	8,939	9,578	4,231	4,578	4,346	4,640	363	360
Unemployed .....	2,314	1,951	1,081	897	946	756	287	298
Unemployment rate .....	20.3	16.7	19.9	16.0	17.8	14.0	43.3	45.1
Not in labor force .....	7,407	7,556	1,863	1,924	3,963	4,112	1,581	1,520

**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	March 1984								
	Total			White			Black		
	Both sexes	Men	Women	Both sexes	Men	Women	Both sexes	Men	Women
<b>TOTAL</b>									
Civilian noninstitutional population .....	22,917	11,383	11,533	18,966	9,464	9,503	3,294	1,587	1,707
Civilian labor force .....	12,920	6,806	6,114	11,360	5,937	5,423	1,327	739	588
Percent of population .....	56.4	59.8	53.0	59.9	62.7	57.1	40.3	46.6	34.4
Employed .....	10,634	5,520	5,114	9,620	4,955	4,665	814	454	360
Agriculture .....	349	290	60	337	279	59	7	7	-
Nonagricultural industries .....	10,285	5,230	5,055	9,283	4,676	4,607	807	447	360
Unemployed .....	2,286	1,286	1,000	1,740	982	758	514	286	228
Looking for full-time work .....	1,417	813	604	1,038	602	436	361	199	162
Looking for part-time work .....	869	474	395	702	381	321	153	87	66
Percent of labor force .....	17.7	18.9	16.4	15.3	16.5	14.0	38.7	38.7	38.8
Not in labor force .....	9,997	4,577	5,419	7,607	3,527	4,080	1,967	847	1,119
<b>Major activity: Going to school</b>									
Civilian noninstitutional population .....	12,150	6,215	5,935	9,910	5,102	4,808	1,806	893	913
Civilian labor force .....	4,301	2,224	2,077	3,925	2,016	1,909	312	178	135
Percent of population .....	35.4	35.8	35.0	39.6	39.5	39.7	17.3	19.9	14.8
Employed .....	3,489	1,755	1,734	3,272	1,640	1,631	168	89	79
Agriculture .....	98	74	24	97	74	23	-	-	-
Nonagricultural industries .....	3,391	1,681	1,710	3,174	1,566	1,608	168	89	79
Unemployed .....	812	469	344	653	376	277	145	88	56
Looking for full-time work .....	104	60	44	84	49	35	21	12	9
Looking for part-time work .....	708	409	300	569	327	242	124	77	48
Percent of labor force .....	18.9	21.1	16.5	16.6	18.6	14.5	46.4	49.4	41.8
Not in labor force .....	7,848	3,991	3,857	5,984	3,086	2,899	1,493	715	778
<b>Major activity: Other</b>									
Civilian noninstitutional population .....	10,767	5,168	5,599	9,057	4,362	4,695	1,488	694	794
Civilian labor force .....	8,619	4,582	4,037	7,435	3,921	3,514	1,015	562	453
Percent of population .....	80.0	88.7	72.1	82.1	89.9	74.8	68.2	81.0	57.0
Employed .....	7,145	3,765	3,380	6,348	3,314	3,034	646	365	281
Agriculture .....	251	215	36	240	205	35	7	7	-
Nonagricultural industries .....	6,894	3,549	3,344	6,108	3,110	2,998	639	358	281
Unemployed .....	1,474	818	656	1,087	606	480	369	197	172
Looking for full-time work .....	1,313	753	560	954	553	401	340	187	154
Looking for part-time work .....	161	65	96	133	54	79	28	10	18
Percent of labor force .....	17.1	17.8	16.3	14.6	15.5	13.7	36.3	35.1	37.9
Not in labor force .....	2,148	586	1,562	1,622	441	1,181	473	132	341

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Mar. 1983	Mar. 1984	Total		Employed		Unemployed			
			Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Number		Percent of labor force	
							Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
<b>VETERANS</b>										
Total, 25 years and over .....	8,270	7,914	7,773	7,412	6,938	6,915	835	497	10.7	6.7
25 to 29 years .....	6,509	5,617	6,210	5,379	5,488	4,996	722	383	11.6	7.1
25 to 29 years .....	916	542	857	507	687	459	170	48	19.8	9.5
30 to 34 years .....	2,465	1,855	2,339	1,761	2,040	1,611	299	150	12.8	8.5
35 to 39 years .....	3,128	3,220	3,014	3,111	2,761	2,926	253	185	8.4	5.9
40 years and over .....	1,761	2,297	1,563	2,033	1,450	1,919	113	114	7.2	5.6
<b>NONVETERANS</b>										
Total, 25 to 39 years .....	19,377	20,793	18,297	19,544	16,280	18,078	2,017	1,466	11.0	7.5
25 to 29 years .....	8,520	8,889	8,016	8,274	6,900	7,526	1,116	748	13.9	9.0
30 to 34 years .....	6,512	7,222	6,156	6,830	5,586	6,375	570	455	9.3	6.7
35 to 39 years .....	4,345	4,682	4,125	4,440	3,794	4,177	331	263	8.0	5.9

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	March 1984								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Total, 16 years and over .....	95,179	82,208	5,432	7,540	7.9	18,648	15,130	1,518	9.1
16 to 19 years .....	3,031	1,747	554	731	24.1	4,238	3,477	761	18.0
16 to 17 years .....	384	175	72	137	35.6	2,262	1,755	507	22.4
18 to 19 years .....	2,647	1,571	482	594	22.4	1,976	1,722	254	12.9
20 years and over .....	92,148	80,461	4,878	6,809	7.4	12,410	11,653	756	6.1
20 to 24 years .....	13,019	10,078	1,229	1,712	13.1	2,637	2,421	216	8.2
25 years and over .....	79,130	70,382	3,649	5,097	6.4	9,773	9,232	540	5.5
25 to 54 years .....	67,310	59,691	3,081	4,537	6.7	6,679	6,308	371	5.6
55 years and over .....	11,819	10,691	568	561	4.7	3,093	2,924	170	5.5
<b>Men, 16 years and over .....</b>									
Men, 16 years and over .....	57,475	50,274	2,563	4,838	8.1	5,451	4,785	666	12.2
16 to 19 years .....	1,877	996	277	405	24.1	2,145	1,720	425	19.8
20 years and over .....	55,798	49,278	2,287	4,233	7.6	3,307	3,065	242	7.3
20 to 24 years .....	7,252	5,625	590	1,037	14.3	1,143	1,052	91	8.0
25 years and over .....	48,546	43,652	1,697	3,196	6.6	2,163	2,013	151	7.0
25 to 54 years .....	41,011	36,773	1,440	2,798	6.8	892	827	66	7.4
55 years and over .....	7,535	6,879	257	399	5.3	1,272	1,187	85	6.7
<b>Women, 16 years and over .....</b>									
Women, 16 years and over .....	37,704	31,934	2,869	2,902	7.7	11,197	10,346	851	7.6
16 to 19 years .....	1,354	750	278	326	24.1	2,094	1,757	336	16.1
20 years and over .....	36,350	31,183	2,591	2,576	7.1	9,103	8,588	515	5.7
20 to 24 years .....	5,767	4,453	639	675	11.7	1,494	1,369	125	8.3
25 years and over .....	30,584	26,730	1,952	1,901	6.2	7,609	7,219	391	5.1
25 to 54 years .....	26,300	22,918	1,642	1,739	6.6	5,788	5,482	306	5.3
55 years and over .....	4,285	3,812	311	162	3.8	1,822	1,737	85	4.7
<b>White</b>									
<b>Men, 16 years and over .....</b>									
Men, 16 years and over .....	50,626	44,958	2,083	3,585	7.1	4,883	4,340	543	11.1
16 to 19 years .....	1,447	906	226	314	21.7	1,936	1,597	339	17.5
20 years and over .....	49,179	44,052	1,857	3,271	6.7	2,947	2,743	204	6.9
20 to 24 years .....	6,229	4,984	494	751	12.1	1,026	949	77	7.5
25 years and over .....	42,950	39,068	1,363	2,520	5.9	1,922	1,794	127	6.6
25 to 54 years .....	36,089	32,749	1,150	2,192	8.1	756	703	53	7.0
55 years and over .....	6,861	6,319	213	328	4.8	1,166	1,091	74	6.3
<b>Women, 16 years and over .....</b>									
Women, 16 years and over .....	31,779	27,370	2,340	2,070	6.5	10,226	9,528	698	6.8
16 to 19 years .....	1,206	710	253	244	20.2	1,914	1,632	283	14.8
20 years and over .....	30,573	26,659	2,087	1,826	8.0	8,312	7,897	415	5.0
20 to 24 years .....	4,930	3,943	521	466	9.5	1,324	1,241	82	6.2
25 years and over .....	25,642	22,717	1,566	1,360	5.3	6,988	6,655	333	4.8
25 to 54 years .....	21,889	19,345	1,317	1,227	5.6	5,355	5,096	259	4.8
55 years and over .....	3,754	3,372	249	133	3.5	1,633	1,560	74	4.5
<b>Black</b>									
<b>Men, 16 years and over .....</b>									
Men, 16 years and over .....	5,542	4,182	410	949	17.1	457	340	116	25.5
16 to 19 years .....	201	70	44	87	43.3	180	98	82	45.5
20 years and over .....	5,341	4,113	387	862	18.1	277	242	35	12.5
20 to 24 years .....	873	525	80	268	30.7	91	79	12	13.4
25 years and over .....	4,470	3,588	287	594	13.3	187	165	22	11.8
25 to 54 years .....	3,918	3,137	246	532	13.6	92	81	11	12.0
55 years and over .....	554	451	41	62	11.2	95	84	11	11.6
<b>Women, 16 years and over .....</b>									
Women, 16 years and over .....	4,924	3,710	458	758	15.4	769	640	129	16.8
16 to 19 years .....	138	33	21	82	60.5	144	98	47	32.4
20 years and over .....	4,788	3,677	437	674	14.1	625	543	82	13.2
20 to 24 years .....	724	425	106	192	26.5	122	85	37	30.4
25 years and over .....	4,064	3,252	330	468	11.5	502	457	45	9.0
25 to 54 years .....	3,612	2,882	275	454	12.6	340	305	35	10.3
55 years and over .....	452	370	55	14	3.1	162	152	10	6.2

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

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

(Numbers in thousands)

Family relationship	March 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 <sup>1</sup> .....	92,358	64.0	84,798	7,563	8.2	52,042	25,456	9,125	2,253	15,210
Husbands .....	38,908	78.8	36,891	2,018	5.2	10,481	155	219	1,048	9,060
With employed wife .....	22,514	91.6	21,493	1,021	4.5	2,072	56	119	331	1,566
With unemployed wife .....	1,286	92.6	1,079	208	16.1	103	-	6	28	70
With wife not in labor force .....	15,108	64.5	14,319	789	5.2	8,307	99	94	689	7,425
Wives .....	25,975	52.6	24,586	1,389	5.3	23,414	20,355	370	384	2,305
With employed husband .....	22,572	61.2	21,493	1,079	4.8	14,319	13,154	306	97	762
With unemployed husband .....	1,229	60.9	1,021	208	16.9	789	721	30	14	24
With husband not in labor force .....	2,174	20.7	2,072	103	4.7	8,307	6,481	34	273	1,519
Relatives in married-couple families .....	13,256	59.8	11,284	1,972	14.9	8,917	835	6,248	280	1,554
16 to 19 years .....	4,948	49.1	4,089	859	17.4	5,125	120	4,638	7	360
20 to 24 years .....	5,380	72.9	4,665	715	13.3	1,997	168	1,455	34	340
25 years and over .....	2,928	62.0	2,530	398	13.6	1,795	547	155	239	854
Women who maintain families .....	6,033	60.7	5,373	659	10.9	3,899	2,887	157	168	687
Relatives in families maintained by women .....	5,139	56.7	4,000	1,140	22.2	3,920	845	1,822	273	980
16 to 19 years .....	1,331	43.7	919	412	30.9	1,711	96	1,435	10	171
20 to 24 years .....	1,642	70.2	1,285	357	21.8	699	171	319	14	195
25 years and over .....	2,166	58.9	1,796	371	17.2	1,510	578	68	249	614
Men who maintain families .....	1,691	76.2	1,551	140	8.3	527	49	30	44	404
Relatives in families maintained by men .....	1,356	60.5	1,111	245	18.1	884	330	279	56	220
16 to 19 years .....	262	53.0	195	67	25.6	232	17	208	-	7
20 to 24 years .....	410	75.5	326	85	20.6	133	45	56	2	31
25 years and over .....	684	56.9	590	93	13.6	519	268	15	54	182

<sup>1</sup> 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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
Total, 16 years and over .....	7,298	5,304	11.7	8.4	4,581	3,753	9.6	7.7
Married, spouse present .....	3,318	2,189	8.2	5.4	1,925	1,523	7.3	5.7
Widowed, divorced, or separated .....	849	618	15.0	10.6	1,032	867	11.1	9.0
Single (never married) .....	3,131	2,497	19.6	15.2	1,623	1,363	13.3	11.0
White, 16 years and over .....	5,842	4,127	10.7	7.4	3,372	2,768	8.3	6.6
Married, spouse present .....	2,866	1,862	7.8	5.1	1,623	1,259	6.9	5.3
Widowed, divorced, or separated .....	632	452	13.5	9.4	693	599	9.4	7.7
Single (never married) .....	2,344	1,813	17.3	13.0	1,056	909	10.5	8.8
Black, 16 years and over .....	1,256	1,066	21.6	17.8	1,058	885	18.9	15.5
Married, spouse present .....	353	265	12.0	8.9	241	210	11.4	9.6
Widowed, divorced, or separated .....	202	149	23.3	16.2	298	252	18.1	14.9
Single (never married) .....	701	651	35.2	30.9	519	423	28.0	23.3
Total, 25 years and over .....	4,682	3,347	9.4	6.6	2,813	2,291	7.6	6.0
Married, spouse present .....	2,976	1,994	7.8	5.2	1,522	1,209	6.5	5.0
Widowed, divorced, or separated .....	757	571	14.1	10.3	894	759	10.3	8.4
Single (never married) .....	949	781	14.6	11.6	396	323	8.5	6.5
White, 25 years and over .....	3,798	2,646	8.6	5.9	2,061	1,693	6.6	5.2
Married, spouse present .....	2,563	1,694	7.5	4.9	1,293	1,006	6.2	4.7
Widowed, divorced, or separated .....	557	417	12.6	9.1	586	510	8.5	7.0
Single (never married) .....	676	535	12.4	9.5	183	178	5.1	4.6
Black, 25 years and over .....	748	617	16.8	13.2	647	527	14.7	11.5
Married, spouse present .....	321	247	11.6	8.7	180	158	9.4	7.9
Widowed, divorced, or separated .....	185	137	22.1	15.5	272	233	17.3	14.4
Single (never married) .....	242	233	28.1	25.2	194	137	21.1	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	
	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
Total, 16 years and over .....	11,879	9,057	10.8	8.1	11.7	8.4	9.6	7.7
Managerial and professional specialty .....	840	608	3.5	2.4	3.2	2.2	3.8	2.7
Executive, administrative, and managerial .....	453	350	4.1	3.0	3.5	2.5	5.3	3.8
Professional specialty .....	387	257	2.9	1.9	2.9	1.7	2.9	2.0
Technical, sales, and administrative support .....	2,218	1,755	6.7	5.2	6.1	4.3	7.1	5.7
Technicians and related support .....	162	84	5.1	2.6	6.8	2.5	3.4	2.6
Sales occupations .....	890	723	7.2	5.6	5.0	3.9	9.4	7.5
Administrative support, including clerical .....	1,166	948	6.7	5.5	7.7	6.0	6.5	5.3
Service occupations .....	1,792	1,473	11.7	9.6	12.6	9.7	11.1	9.5
Private household .....	66	84	6.4	8.6	( <sup>1</sup> )	( <sup>1</sup> )	6.6	9.1
Protective service .....	137	114	7.7	6.6	7.0	6.2	12.5	9.7
Service, except private household and protective .....	1,588	1,274	12.7	10.0	14.5	10.9	11.7	9.5
Precision production, craft, and repair .....	1,872	1,264	13.7	9.1	13.9	9.2	11.6	8.5
Mechanics and repairers .....	396	284	8.8	6.3	6.8	6.2	7.9	7.0
Construction trades .....	958	691	19.9	14.1	19.9	14.0	18.9	18.7
Other precision production, craft, and repair .....	519	289	12.0	6.6	12.1	6.2	11.5	7.9
Operators, fabricators, and laborers .....	3,566	2,421	16.8	12.8	19.1	12.9	18.0	12.8
Machine operators, assemblers, and inspectors .....	1,737	1,027	16.8	11.5	19.0	10.9	18.4	12.3
Transportation and material moving occupations .....	777	545	16.3	11.2	16.6	11.6	13.2	6.9
Handlers, equipment cleaners, helpers, and laborers .....	1,052	850	21.3	16.7	21.8	16.5	18.5	18.0
Construction laborers .....	262	216	35.3	27.6	35.2	27.0	( <sup>1</sup> )	( <sup>1</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	790	634	18.8	14.8	19.0	14.2	18.2	17.1
Farming, forestry, and fishing .....	456	381	12.6	11.2	12.1	10.7	15.6	13.5
No previous work experience .....	1,057	1,083	-	-	-	-	-	-
16 to 19 years .....	766	766	-	-	-	-	-	-
20 to 24 years .....	191	197	-	-	-	-	-	-
25 years and over .....	100	120	-	-	-	-	-	-

<sup>1</sup> Data not shown where base is less than 75,000.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-13. Unemployed persons by industry and sex**

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
Total, 16 years and over .....	11,879	9,057	10.8	8.1	11.7	8.4	9.6	7.7
Nonagricultural private wage and salary workers .....	9,308	6,761	11.5	8.2	12.8	8.6	9.9	7.7
Mining .....	231	122	21.1	12.2	22.3	13.7	14.1	5.1
Construction .....	1,391	1,006	26.6	18.0	27.4	18.5	16.8	12.6
Manufacturing .....	2,992	1,765	13.6	8.0	13.2	7.5	14.6	9.1
Durable goods .....	1,926	1,053	14.9	8.1	14.9	8.1	14.7	8.0
Lumber and wood products .....	139	102	19.6	14.4	18.7	13.7	26.7	18.4
Furniture and fixtures .....	77	62	16.5	10.9	14.1	12.1	23.3	8.3
Stone, clay, and glass products .....	84	76	13.3	12.4	13.1	14.1	14.0	7.0
Primary metal industries .....	277	109	26.6	11.7	27.5	11.4	20.7	14.4
Fabricated metal products .....	214	128	14.4	8.9	13.9	9.4	16.2	7.4
Machinery, except electrical .....	429	182	15.1	6.7	16.1	6.6	11.9	6.9
Electrical machinery, equipment, and supplies .....	226	160	10.3	6.8	9.1	6.4	12.0	7.4
Transportation equipment .....	341	141	14.2	5.8	13.9	5.9	15.6	5.3
Automobiles .....	187	83	16.4	6.8	14.8	6.3	22.9	8.8
Other transportation equipment .....	153	58	12.2	4.7	13.1	5.4	8.9	2.1
Professional and photographic equipment .....	60	32	8.8	4.8	4.5	3.7	14.3	6.3
Other durable goods industries .....	79	61	14.9	10.8	12.2	8.2	18.1	13.6
Nondurable goods .....	1,066	712	11.9	7.9	10.0	6.3	14.4	10.2
Food and kindred products .....	301	191	16.3	10.8	13.5	9.3	21.9	14.0
Textile mill products .....	107	81	12.6	9.4	12.4	6.8	12.8	12.2
Apparel and other textile products .....	203	133	16.0	9.5	19.7	8.5	15.0	9.7
Paper and allied products .....	58	25	7.9	3.7	7.2	2.2	10.0	10.0
Printing and publishing .....	114	116	7.0	6.7	6.7	6.1	7.7	7.5
Chemicals and allied products .....	122	51	9.3	4.3	6.5	2.9	15.7	7.7
Rubber and miscellaneous plastics products .....	78	60	10.0	7.7	8.1	5.3	13.3	11.1
Other nondurable goods industries .....	84	55	14.2	9.8	12.5	9.1	16.0	10.8
Transportation and public utilities .....	475	323	8.4	5.5	9.5	6.0	5.5	4.3
Transportation .....	381	259	10.1	6.6	11.4	7.2	5.5	4.7
Communications and other public utilities .....	95	64	3.8	2.4	3.4	2.1	4.3	2.9
Wholesale and retail trade .....	2,330	1,841	11.4	8.8	10.6	7.6	12.4	10.0
Wholesale trade .....	326	285	7.7	7.0	7.2	6.9	9.0	7.3
Retail trade .....	2,004	1,556	12.4	9.2	11.9	7.9	12.8	10.4
Finance, insurance, and real estate .....	248	256	4.2	4.1	4.7	4.1	3.9	4.1
Service industries .....	1,641	1,448	8.0	6.9	9.2	7.9	7.2	6.3
Professional services .....	628	533	5.2	4.5	5.2	4.5	5.2	4.4
Other service industries .....	1,013	915	11.8	10.2	12.8	10.7	10.9	9.6
Agricultural wage and salary workers .....	340	300	20.6	19.1	19.6	18.1	24.7	23.8
Government, self-employed, and unpaid family workers .....	1,174	914	4.5	3.4	4.6	3.6	4.2	3.2
No previous work experience .....	1,057	1,083	-	-	-	-	-	-



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

(Numbers in thousands)

Reason for unemployment	Total unemployed		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	11,879	9,057	6,239	4,474	3,823	3,091	1,818	1,492	9,214	6,895	2,314	1,951
Job losers .....	7,560	5,089	5,069	3,355	2,050	1,422	442	312	6,022	3,986	1,460	1,082
On layoff .....	2,336	1,452	1,706	1,013	545	365	85	74	2,033	1,263	276	171
Other job losers .....	5,224	3,637	3,363	2,342	1,505	1,057	357	238	3,989	2,723	1,184	911
Job leavers .....	854	730	365	301	382	344	108	84	703	604	16	18
Reentrants .....	2,407	2,157	696	683	1,208	1,143	503	331	1,728	1,553	584	550
New entrants .....	1,056	1,082	108	138	183	182	765	765	761	752	255	300
<b>PERCENT DISTRIBUTION</b>												
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 .....	63.7	56.2	81.2	75.0	53.7	46.0	24.3	21.0	65.4	57.8	63.1	55.5
On layoff .....	19.7	16.0	27.3	22.6	14.3	11.8	4.7	5.0	22.1	18.3	11.9	8.8
Other job losers .....	44.0	40.2	53.9	52.4	39.4	34.2	19.6	16.0	43.3	39.5	51.2	46.7
Job leavers .....	7.2	8.1	5.8	6.7	10.0	11.1	5.9	5.6	7.6	8.8	.7	.9
Reentrants .....	20.3	23.8	11.2	15.3	31.6	37.0	27.7	22.2	18.8	22.5	25.2	28.2
New entrants .....	8.9	11.9	1.7	3.0	4.8	5.9	42.1	51.3	8.3	10.9	11.0	15.4
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers .....	6.9	4.6	8.7	5.7	4.6	3.1	6.0	4.3	6.3	4.1	12.8	9.3
Job leavers .....	.8	.7	.6	.5	.9	.8	1.5	1.2	.7	.6	.1	.2
Reentrants .....	2.2	1.9	1.2	1.2	2.7	2.5	6.6	4.6	1.8	1.6	5.1	4.7
New entrants .....	1.0	1.0	.2	.2	.4	.4	10.3	10.5	.8	.8	2.2	2.6

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Reason, sex, and age	March 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 .....	9,057	100.0	32.9	30.2	36.9	15.6	21.2
Job losers .....	5,089	100.0	26.2	29.8	44.0	18.9	25.0
On layoff .....	1,452	100.0	33.4	31.2	35.5	22.2	13.3
Other job losers .....	3,637	100.0	23.4	29.2	47.4	17.6	29.7
Job leavers .....	730	100.0	39.4	30.9	29.7	12.8	16.9
Reentrants .....	2,157	100.0	41.2	32.9	25.9	11.3	14.6
New entrants .....	1,082	100.0	43.7	25.2	30.1	10.7	19.5
Men, 20 years and over .....	4,474	100.0	25.7	28.5	45.9	18.5	27.3
Job losers .....	3,355	100.0	23.5	27.6	48.9	20.5	28.4
On layoff .....	1,013	100.0	30.0	29.9	40.1	24.5	15.6
Other job losers .....	2,342	100.0	20.7	26.6	52.7	18.7	34.0
Job leavers .....	301	100.0	35.2	26.5	38.3	15.5	22.8
Reentrants .....	683	100.0	32.0	34.5	33.5	11.0	22.6
New entrants .....	136	100.0	26.8	23.7	49.5	15.4	34.0
Women, 20 years and over .....	3,091	100.0	36.9	32.5	30.6	13.8	16.8
Job losers .....	1,422	100.0	29.3	33.3	37.4	16.6	20.9
On layoff .....	365	100.0	36.6	35.0	28.3	18.9	9.5
Other job losers .....	1,057	100.0	26.8	32.7	40.6	15.8	24.8
Job leavers .....	344	100.0	39.3	34.5	26.2	11.1	15.1
Reentrants .....	1,143	100.0	45.5	31.2	23.3	12.1	11.2
New entrants .....	182	100.0	36.9	31.6	31.5	8.7	22.8
Both sexes, 16 to 19 years .....	1,492	100.0	46.6	30.6	22.9	10.7	12.1
Job losers .....	312	100.0	41.4	37.8	20.8	13.4	7.4
On layoff .....	74	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Other job losers .....	238	100.0	34.6	40.4	25.0	15.3	9.7
Job leavers .....	84	100.0	55.2	31.5	13.3	10.3	3.0
Reentrants .....	331	100.0	45.3	35.5	19.2	9.3	9.8
New entrants .....	765	100.0	48.2	25.4	26.4	10.3	16.1

<sup>1</sup> Data not shown where base is less than 75,000.

**A-16. Unemployed persons by duration of unemployment**

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
Total, 16 years and over .....	11,879	9,057	100.0	100.0	10,157	7,540	100.0	100.0
Less than 5 weeks .....	3,127	2,983	26.3	32.9	2,353	2,207	23.2	29.3
5 to 14 weeks .....	3,423	2,735	28.8	30.2	2,853	2,297	28.1	30.5
5 to 10 weeks .....	2,249	1,751	18.9	19.3	1,818	1,442	17.9	19.1
11 to 14 weeks .....	1,174	984	9.9	10.9	1,035	855	10.2	11.3
15 weeks and over .....	5,330	3,339	44.9	36.9	4,951	3,035	48.7	40.3
15 to 26 weeks .....	2,352	1,417	19.8	15.6	2,120	1,257	20.9	16.7
27 weeks and over .....	2,978	1,923	25.1	21.2	2,831	1,778	27.9	23.6
27 to 51 weeks .....	1,505	723	12.7	8.0	1,425	659	14.0	8.7
52 weeks and over .....	1,473	1,199	12.4	13.2	1,406	1,120	13.8	14.9
Average (mean) duration, in weeks .....	20.7	20.2	-	-	22.3	22.0	-	-
Median duration, in weeks .....	12.9	10.3	-	-	14.5	11.6	-	-

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
	March 1984										
Total, 16 years and over .....	9,057	2,983	2,735	1,417	1,923	20.2	10.3	26.3	32.9	44.9	36.9
16 to 19 years .....	1,492	694	456	160	181	12.3	6.0	38.3	46.6	31.1	22.9
20 to 24 years .....	1,927	626	610	329	362	18.5	10.0	26.5	32.5	39.5	35.9
25 to 34 years .....	2,661	792	877	412	580	20.5	11.0	23.9	29.8	49.8	37.3
35 to 44 years .....	1,379	412	360	252	355	24.3	12.7	24.8	29.9	46.4	44.0
45 to 54 years .....	868	240	243	135	249	26.2	13.2	22.0	27.7	51.9	44.3
55 to 64 years .....	628	177	162	116	173	25.8	13.4	18.9	28.2	56.1	46.0
65 years and over .....	102	41	27	12	22	19.6	9.3	27.8	40.0	53.5	33.2
Men, 16 years and over .....	5,304	1,518	1,547	911	1,329	23.3	12.2	21.7	28.6	49.6	42.2
16 to 19 years .....	830	369	274	81	106	12.7	6.5	36.1	44.4	34.6	22.5
20 to 24 years .....	1,128	325	324	218	261	21.8	11.3	20.8	28.8	45.4	42.5
25 to 34 years .....	1,534	375	487	275	397	24.0	13.2	17.9	24.4	54.4	43.8
35 to 44 years .....	796	189	211	156	240	28.4	14.9	21.2	23.7	51.6	49.8
45 to 54 years .....	533	124	132	96	182	30.2	16.4	16.6	23.2	57.5	52.1
55 to 64 years .....	430	118	100	80	133	28.1	14.8	18.9	27.3	57.3	49.5
65 years and over .....	53	19	19	3	12	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 16 years and over .....	3,753	1,465	1,188	506	594	15.8	8.3	33.6	39.0	37.3	29.3
16 to 19 years .....	662	326	182	79	76	11.7	5.3	41.3	49.2	26.2	23.3
20 to 24 years .....	800	301	286	111	101	13.8	8.6	35.2	37.6	30.6	26.5
25 to 34 years .....	1,128	417	390	137	184	15.7	8.4	34.3	37.0	41.9	28.4
35 to 44 years .....	582	223	148	96	115	18.7	9.4	29.9	38.4	38.9	36.2
45 to 54 years .....	335	117	111	39	68	19.8	10.1	31.0	34.9	42.5	31.9
55 to 64 years .....	198	60	62	36	41	20.9	11.3	19.0	30.1	53.7	38.5
65 years and over .....	49	21	8	9	10	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
White, 16 years and over .....	6,895	2,320	2,070	1,119	1,385	19.8	10.2	26.6	33.6	44.2	36.3
Men .....	4,127	1,201	1,200	746	980	23.0	12.0	22.5	29.1	48.7	41.8
Women .....	2,768	1,119	870	373	406	15.0	8.0	33.7	40.4	36.4	28.1
Black, 16 years and over .....	1,951	574	608	270	499	22.0	10.0	25.4	29.4	49.0	39.4
Men .....	1,066	277	312	151	326	25.1	12.1	18.7	26.0	55.4	44.7
Women .....	885	296	296	119	174	18.3	8.4	33.5	33.5	41.4	33.0
Men, 16 years and over:											
Married, spouse present .....	2,189	561	628	429	570	24.6	13.6	19.4	25.6	54.0	45.7
Widowed, divorced, or separated .....	618	144	181	108	184	27.8	14.2	20.1	23.4	50.3	47.3
Single (never married) .....	2,497	812	737	373	574	21.1	10.1	24.7	32.5	44.9	37.9
Women, 16 years and over:											
Married, spouse present .....	1,523	602	484	223	214	14.5	8.1	31.8	39.6	39.0	28.7
Widowed, divorced, or separated .....	867	313	293	103	158	18.5	8.8	32.4	36.1	41.2	30.1
Single (never married) .....	1,363	550	411	181	222	15.5	8.2	36.6	40.3	32.7	29.5

<sup>1</sup> Data not shown where base is less than 75,000.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
	March 1984							Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
<b>OCCUPATION</b>											
Managerial and professional specialty .....	608	189	188	87	143	20.5	10.3	20.3	31.2	47.2	37.9
Technical, sales, and administrative support .....	1,755	652	585	228	290	16.3	8.8	30.7	37.2	42.2	29.5
Service occupations .....	1,473	493	479	205	296	19.3	9.5	30.1	33.4	41.1	34.0
Precision production, craft, and repair .....	1,264	381	370	230	283	22.1	11.8	21.3	30.1	49.1	40.6
Operators, fabricators, and laborers .....	2,421	663	678	451	629	24.0	13.1	21.3	27.4	50.3	44.6
Farming, forestry, and fishing .....	381	119	118	90	55	18.0	11.5	30.4	31.2	33.7	37.9
<b>INDUSTRY<sup>1</sup></b>											
Agriculture .....	300	98	108	63	32	16.2	10.4	29.1	32.6	34.9	31.6
Construction .....	1,055	331	320	230	173	18.8	12.0	20.7	31.4	45.3	38.2
Manufacturing .....	1,772	490	494	263	526	26.1	12.7	19.2	27.7	56.7	44.5
Durable goods .....	1,059	282	283	119	376	30.8	13.6	16.1	26.6	61.6	46.7
Nondurable goods .....	713	209	211	144	150	19.3	11.5	24.8	29.3	47.9	41.2
Transportation and public utilities .....	379	97	118	77	86	22.1	12.5	20.8	25.5	49.2	43.3
Wholesale and retail trade .....	1,864	652	618	272	322	17.2	9.4	30.5	35.0	36.6	31.9
Finance and service industries .....	1,989	682	601	292	413	19.3	9.6	28.2	34.3	43.7	35.4
Public administration .....	293	61	106	62	64	22.9	12.7	31.2	20.8	48.5	43.0
No previous work experience .....	1,083	473	284	115	211	17.3	7.2	39.9	43.7	34.2	30.1

<sup>1</sup> 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	March 1984								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over .....	9,057	7,502	23.5	5.0	77.6	32.7	17.1	4.9	1.61
16 to 19 years .....	1,492	1,407	12.1	1.8	82.9	20.6	11.3	2.9	1.32
20 to 24 years .....	1,927	1,663	25.7	5.6	80.8	32.8	18.3	2.5	1.65
25 to 34 years .....	2,661	2,156	28.7	6.3	75.1	36.9	18.2	5.2	1.70
35 to 44 years .....	1,379	1,080	28.2	4.8	77.0	36.9	18.6	5.5	1.71
45 to 54 years .....	868	651	23.0	8.1	73.4	38.6	18.6	7.5	1.69
55 to 64 years .....	628	458	18.1	2.8	71.2	35.2	17.7	12.4	1.57
65 years and over .....	102	87	9.2	6.9	65.5	21.8	23.0	10.3	1.37
Men, 16 years and over .....	5,304	4,182	26.7	4.2	79.1	28.8	19.1	6.4	1.64
16 to 19 years .....	830	774	15.1	1.3	81.1	19.0	11.9	2.8	1.31
20 to 24 years .....	1,128	939	30.0	4.3	81.5	29.5	22.6	3.6	1.71
25 to 34 years .....	1,534	1,176	31.6	5.2	78.3	31.0	20.0	6.3	1.72
35 to 44 years .....	796	571	33.3	4.0	79.7	33.6	20.8	7.4	1.79
45 to 54 years .....	533	366	26.8	7.7	74.6	35.2	20.8	10.9	1.76
55 to 64 years .....	430	309	17.2	3.6	75.1	27.5	18.1	15.9	1.57
65 years and over .....	53	46	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 16 years and over .....	3,753	3,321	19.4	6.0	75.7	37.7	14.5	3.1	1.56
16 to 19 years .....	662	633	8.4	2.4	85.3	22.6	10.6	3.0	1.32
20 to 24 years .....	800	724	20.0	7.2	79.6	36.6	12.8	1.0	1.57
25 to 34 years .....	1,128	980	25.1	7.6	71.3	44.0	16.1	3.9	1.68
35 to 44 years .....	582	509	22.4	5.7	74.1	40.5	16.3	3.3	1.62
45 to 54 years .....	335	284	18.3	8.8	72.2	43.0	15.8	3.2	1.61
55 to 64 years .....	198	150	20.7	2.0	62.7	50.7	16.7	5.3	1.58
65 years and over .....	49	41	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
White, 16 years and over .....	6,895	5,540	21.4	4.6	77.5	34.8	17.0	5.5	1.61
Men .....	4,127	3,133	25.2	3.8	78.7	30.4	19.6	7.1	1.65
Women .....	2,768	2,407	16.6	5.7	76.1	40.5	13.5	3.4	1.56
Black, 16 years and over .....	1,951	1,776	29.7	6.1	78.2	17.1	27.0	3.1	1.61
Men .....	1,066	957	32.2	5.3	80.0	17.9	24.8	3.9	1.64
Women .....	885	819	26.9	7.1	75.8	16.2	29.7	2.2	1.58

<sup>1</sup> Data not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new job within 30 days

are not actually seeking jobs. It should also be noted that 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-20. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used**

Sex and reason	March 1984								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over .....	9,057	7,502	23.5	5.0	77.6	32.7	17.1	4.9	1.61
Job losers <sup>1</sup> .....	5,089	3,650	29.8	5.8	78.9	33.9	20.9	5.3	1.74
Job leavers .....	730	722	22.3	5.4	79.8	41.4	14.0	4.3	1.67
Reentrants .....	2,157	2,044	18.0	4.8	72.6	32.7	14.8	5.5	1.48
New entrants .....	1,082	1,085	13.5	3.0	81.3	23.1	10.5	2.9	1.34
Men, 16 years and over .....	5,304	4,182	26.7	4.2	79.1	28.6	19.1	6.4	1.64
Job losers <sup>1</sup> .....	3,553	2,500	30.6	4.5	80.4	30.4	21.8	6.7	1.74
Job leavers .....	330	316	28.5	4.4	78.8	38.9	19.3	6.6	1.77
Reentrants .....	865	807	20.9	3.8	75.8	25.9	17.7	7.6	1.52
New entrants .....	556	560	16.1	3.2	77.9	20.2	9.3	3.4	1.30
Women, 16 years and over .....	3,753	3,321	19.4	6.0	75.7	37.7	14.5	3.1	1.56
Job losers <sup>1</sup> .....	1,536	1,151	27.8	8.0	75.6	41.4	19.1	2.4	1.74
Job leavers .....	399	406	17.5	8.2	60.5	43.3	9.9	2.5	1.60
Reentrants .....	1,293	1,239	15.8	5.4	70.3	37.0	12.8	4.1	1.46
New entrants .....	526	525	10.9	3.0	85.0	26.3	11.6	2.3	1.39

<sup>1</sup> 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.

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

(In thousands)

Industry and age	Total		Men		Women	
	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
All industries .....	97,994	102,770	54,819	57,622	43,175	45,148
16 to 19 years .....	5,601	5,778	2,837	2,992	2,763	2,786
16 to 17 years .....	1,934	2,003	991	1,037	943	966
18 to 19 years .....	3,666	3,775	1,846	1,955	1,820	1,820
20 to 24 years .....	13,118	13,728	6,785	7,267	6,333	6,461
25 to 54 years .....	65,145	69,082	36,833	39,040	28,312	30,042
25 to 34 years .....	27,996	29,755	15,667	16,746	12,329	13,009
35 to 44 years .....	21,487	23,212	12,138	13,074	9,349	10,138
45 to 54 years .....	15,662	16,115	9,028	9,220	6,634	6,895
55 to 64 years .....	11,184	11,345	6,575	6,610	4,609	4,736
55 to 59 years .....	6,729	6,883	3,967	4,021	2,762	2,862
60 to 64 years .....	4,455	4,463	2,608	2,589	1,847	1,874
65 years and over .....	2,947	2,837	1,789	1,713	1,158	1,124
Agriculture .....	2,971	2,872	2,393	2,335	578	537
16 to 19 years .....	213	220	179	179	34	41
16 to 17 years .....	82	86	69	68	13	18
18 to 19 years .....	131	134	110	111	21	23
20 to 24 years .....	368	356	305	293	64	63
25 to 54 years .....	1,677	1,680	1,284	1,328	393	351
25 to 34 years .....	706	678	552	554	155	124
35 to 44 years .....	558	552	421	432	138	120
45 to 54 years .....	413	449	312	342	101	108
55 to 64 years .....	443	380	379	328	64	51
55 to 59 years .....	236	201	199	172	37	30
60 to 64 years .....	207	178	180	157	27	22
65 years and over .....	269	236	246	206	23	30
Nonagricultural industries .....	95,023	99,898	52,426	55,287	42,597	44,611
16 to 19 years .....	5,388	5,558	2,658	2,813	2,729	2,745
16 to 17 years .....	1,853	1,917	922	968	930	948
18 to 19 years .....	3,535	3,641	1,736	1,845	1,799	1,796
20 to 24 years .....	12,749	13,372	6,480	6,975	6,269	6,397
25 to 54 years .....	63,468	67,401	35,549	37,711	27,919	29,691
25 to 34 years .....	27,290	29,077	15,115	16,192	12,175	12,885
35 to 44 years .....	20,928	22,660	11,717	12,642	9,211	10,018
45 to 54 years .....	15,249	15,665	8,716	8,878	6,533	6,788
55 to 64 years .....	10,741	10,966	6,196	6,282	4,545	4,684
55 to 59 years .....	6,493	6,682	3,768	3,850	2,725	2,832
60 to 64 years .....	4,248	4,284	2,428	2,432	1,820	1,852
65 years and over .....	2,678	2,600	1,543	1,507	1,135	1,094

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
Total .....	97,994	102,770	54,819	57,622	51,982	54,630	43,175	45,148	40,411	42,363
Managerial and professional specialty .....	23,435	24,969	13,846	14,509	13,784	14,439	9,589	10,460	9,506	10,394
Executive, administrative, and managerial .....	10,583	11,509	7,176	7,668	7,155	7,635	3,408	3,841	3,378	3,819
Officials and administrators, public administration .....	450	469	285	315	286	315	165	154	165	153
Other executive, administrative, and managerial .....	7,149	7,744	5,103	5,419	5,086	5,388	2,046	2,325	2,026	2,307
Management-related occupations .....	2,984	3,296	1,787	1,933	1,783	1,932	1,197	1,363	1,188	1,358
Professional specialty .....	12,852	13,460	6,670	6,841	6,629	6,804	6,181	6,619	6,128	6,575
Engineers .....	1,501	1,611	1,419	1,516	1,418	1,515	82	95	82	95
Mathematical and computer scientists .....	485	527	343	384	343	384	143	143	143	143
Natural scientists .....	373	364	313	279	311	278	60	85	59	85
Health diagnosing occupations .....	771	755	660	655	659	655	112	100	112	100
Health assessment and treating occupations .....	1,785	1,879	257	239	257	239	1,528	1,640	1,524	1,636
Teachers, college and university .....	630	665	408	415	408	412	222	250	214	246
Teachers, except college and university .....	3,638	3,702	1,071	1,037	1,066	1,030	2,567	2,665	2,550	2,648
Lawyers and judges .....	634	672	540	580	536	580	94	92	94	92
Other professional specialty occupations .....	3,034	3,286	1,660	1,737	1,632	1,710	1,374	1,549	1,349	1,531
Technical, sales, and administrative support .....	30,715	31,826	10,788	11,498	10,294	10,997	19,926	20,328	18,558	18,953
Technicians and related support .....	3,005	3,188	1,500	1,631	1,478	1,607	1,505	1,557	1,485	1,539
Health technologists and technicians .....	1,148	1,052	196	143	193	139	952	909	942	900
Engineering and science technicians .....	997	1,087	780	843	767	831	217	245	212	237
Technicians, except health, engineering, and science .....	860	1,049	524	645	518	636	335	403	331	402
Sales occupations .....	11,549	12,185	6,070	6,557	5,758	6,250	5,479	5,628	4,723	4,829
Supervisors and proprietors .....	2,883	3,116	2,051	2,229	2,035	2,214	832	887	825	868
Sales representatives, finance and business services .....	1,832	1,954	1,152	1,233	1,145	1,225	680	722	662	702
Sales representatives, commodities, except retail .....	1,440	1,497	1,242	1,272	1,239	1,264	198	225	191	221
Sales workers, retail and personal services .....	5,340	5,546	1,611	1,795	1,325	1,519	3,729	3,751	3,006	2,995
Sales-related occupations .....	53	72	13	29	13	28	41	44	38	43
Administrative support, including clerical .....	16,161	16,452	3,219	3,310	3,059	3,140	12,942	13,143	12,350	12,584
Supervisors .....	659	695	301	335	301	333	359	360	354	361
Computer equipment operators .....	573	708	208	259	197	254	365	449	354	426
Secretaries, stenographers, and typists .....	4,825	4,814	75	98	73	87	4,751	4,716	4,537	4,524
Financial records processing .....	2,503	2,426	245	252	244	244	2,258	2,175	2,207	2,124
Mail and message distributing .....	801	791	540	543	498	508	261	248	245	234
Other administrative support, including clerical .....	6,799	7,017	1,850	1,822	1,747	1,713	4,949	5,195	4,653	4,917
Service occupations .....	13,507	13,940	5,412	5,497	4,532	4,588	8,095	8,442	7,013	7,374
Private household .....	962	898	34	46	23	36	928	852	712	697
Protective service .....	1,640	1,604	1,451	1,419	1,424	1,376	189	184	177	167
Service, except private household and protective .....	10,904	11,438	3,926	4,032	3,085	3,175	6,978	7,406	6,123	6,510
Food service .....	4,690	4,956	1,704	1,773	1,126	1,158	2,986	3,183	2,403	2,535
Health service .....	1,743	1,749	231	182	214	165	1,513	1,567	1,408	1,475
Cleaning and building service .....	2,678	2,746	1,620	1,689	1,421	1,510	1,058	1,057	986	997
Personal service .....	1,792	1,987	371	388	323	341	1,421	1,599	1,326	1,503
Precision production, craft, and repair .....	11,774	12,563	10,899	11,528	10,631	11,255	875	1,036	860	996
Mechanics and repairers .....	4,116	4,257	3,993	4,123	3,891	4,004	123	135	123	129
Construction trades .....	3,867	4,204	3,803	4,144	3,694	4,027	64	60	59	54
Other precision production, craft, and repair .....	3,791	4,102	3,103	3,261	3,045	3,224	688	841	679	813
Operators, fabricators, and laborers .....	15,404	16,437	11,187	12,002	10,275	10,976	4,217	4,435	4,036	4,231
Machine operators, assemblers, and inspectors .....	7,522	7,885	4,274	4,505	4,081	4,307	3,248	3,380	3,152	3,264
Manufacturing industries .....	6,328	6,708	3,483	3,743	3,357	3,594	2,845	2,965	2,777	2,867
Durable goods .....	3,326	3,663	2,171	2,477	2,087	2,392	1,155	1,187	1,133	1,150
Nondurable goods .....	3,002	3,045	1,312	1,267	1,270	1,203	1,690	1,778	1,645	1,717
Nonmanufacturing industries .....	1,194	1,176	791	762	724	713	403	415	374	397
Transportation and material moving occupations .....	3,987	4,321	3,666	3,932	3,572	3,824	321	389	312	372
Motor vehicle operators .....	2,904	3,163	2,633	2,841	2,555	2,751	271	322	263	305
Other transportation and material moving occupations .....	1,083	1,158	1,033	1,091	1,016	1,073	50	67	49	67
Handlers, equipment cleaners, helpers, and laborers .....	3,895	4,231	3,247	3,564	2,622	2,845	648	666	572	595
Construction laborers .....	479	567	473	551	445	498	6	16	6	14
Other handlers, equipment cleaners, helpers, and laborers .....	3,417	3,664	2,774	3,013	2,177	2,346	642	650	566	581
Farming, forestry, and fishing .....	3,157	3,035	2,685	2,587	2,467	2,376	472	448	438	414
Farm operators and managers .....	1,357	1,350	1,217	1,161	1,208	1,148	140	189	140	190
Other farming, forestry, and fishing occupations .....	1,800	1,685	1,469	1,427	1,258	1,228	332	259	298	225



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

(Percent distribution)

Occupation and race	Total		Men		Women	
	March 1983	March 1984	March 1983	March 1984	March 1983	March 1984
<b>TOTAL</b>						
Total, 18 years and over (thousands) .....	87,994	102,770	54,819	57,622	43,175	45,148
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	23.9	24.3	25.3	25.2	22.2	23.2
Executive, administrative, and managerial .....	10.8	11.2	13.1	13.3	7.9	8.5
Professional specialty .....	13.1	13.1	12.2	11.9	14.3	14.7
Technical, sales, and administrative support .....	31.3	31.0	19.7	20.0	46.2	45.0
Technicians and related support .....	3.1	3.1	2.7	2.8	3.5	3.4
Sales occupations .....	11.8	11.9	11.1	11.4	12.7	12.5
Administrative support, including clerical .....	16.5	16.0	5.9	5.7	30.0	29.1
Service occupations .....	13.8	13.6	9.9	9.5	18.7	18.7
Private household .....	1.0	.9	.1	.1	2.1	1.9
Protective service .....	1.7	1.6	2.8	2.5	.4	.4
Service, except private household and protective .....	11.1	11.1	7.2	7.0	16.2	16.4
Precision production, craft, and repair .....	12.0	12.2	19.9	20.0	2.0	2.3
Operators, fabricators, and laborers .....	15.7	16.0	20.4	20.8	9.6	9.8
Machine operators, assemblers, and inspectors .....	7.7	7.7	7.8	7.8	7.5	7.5
Transportation and material moving occupations .....	4.1	4.2	6.7	6.8	.7	.9
Handlers, equipment cleaners, helpers, and laborers .....	4.0	4.1	5.9	6.2	1.5	1.5
Farming, forestry, and fishing .....	3.2	3.0	4.9	4.5	1.1	1.0
<b>White</b>						
Total, 16 years and over (thousands) .....	86,385	90,619	48,910	51,381	37,475	39,238
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	24.8	25.3	26.3	26.2	23.0	24.1
Executive, administrative, and managerial .....	11.4	11.8	13.7	14.0	8.3	8.9
Professional specialty .....	13.5	13.5	12.6	12.2	14.7	15.1
Technical, sales, and administrative support .....	32.0	31.6	20.1	20.3	47.6	46.3
Technicians and related support .....	3.0	3.1	2.7	2.8	3.4	3.4
Sales occupations .....	12.4	12.6	11.7	12.1	13.4	13.2
Administrative support, including clerical .....	16.5	16.0	5.6	5.4	30.8	29.7
Service occupations .....	12.6	12.3	8.9	8.6	17.3	17.2
Private household .....	.8	.7	( <sup>1</sup> )	.1	1.8	1.4
Protective service .....	1.6	1.5	2.5	2.3	.4	.4
Service, except private household and protective .....	10.1	10.2	6.3	6.2	15.1	15.4
Precision production, craft, and repair .....	12.4	12.7	20.5	20.6	1.9	2.2
Operators, fabricators, and laborers .....	14.9	15.2	19.3	19.8	9.0	9.1
Machine operators, assemblers, and inspectors .....	7.2	7.2	7.5	7.5	6.8	6.8
Transportation and material moving occupations .....	4.0	4.1	6.4	6.5	.7	.9
Handlers, equipment cleaners, helpers, and laborers .....	3.7	3.9	5.4	5.8	1.5	1.5
Farming, forestry, and fishing .....	3.3	3.0	4.9	4.5	1.1	1.1
<b>Black</b>						
Total, 16 years and over (thousands) .....	9,102	9,741	4,559	4,933	4,543	4,806
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	14.3	14.2	12.8	12.7	15.8	15.6
Executive, administrative, and managerial .....	5.7	5.7	6.7	6.5	4.7	4.8
Professional specialty .....	8.6	8.5	6.1	6.2	11.1	10.9
Technical, sales, and administrative support .....	25.3	25.9	15.2	16.1	35.4	36.0
Technicians and related support .....	2.7	2.8	2.1	2.0	3.4	3.6
Sales occupations .....	5.9	6.1	4.8	5.5	6.9	6.8
Administrative support, including clerical .....	16.7	17.0	8.3	8.6	25.1	25.6
Service occupations .....	25.0	24.6	18.6	18.6	31.2	31.1
Private household .....	2.7	2.9	.2	.2	5.2	5.8
Protective service .....	2.8	2.5	4.2	4.3	.9	.8
Service, except private household and protective .....	19.7	19.3	14.4	14.1	25.0	24.7
Precision production, craft, and repair .....	8.4	8.8	14.9	15.1	1.9	2.4
Operators, fabricators, and laborers .....	24.1	23.9	33.3	33.0	14.9	14.5
Machine operators, assemblers, and inspectors .....	11.8	11.5	11.1	11.1	12.1	11.9
Transportation and material moving occupations .....	5.6	6.1	10.3	11.0	.9	1.0
Handlers, equipment cleaners, helpers, and laborers .....	6.9	6.3	11.9	10.9	1.9	1.6
Farming, forestry, and fishing .....	2.6	2.5	4.9	4.5	.7	.4

<sup>1</sup> 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	March 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 .....	91,874	1,111	16,082	74,681	7,670	354	1,268	1,446	158
16 to 19 years .....	5,422	217	304	4,901	101	35	167	14	39
16 to 17 years .....	1,853	142	46	1,665	47	18	64	3	19
18 to 19 years .....	3,570	75	258	3,236	54	17	103	11	20
20 to 24 years .....	12,979	120	1,186	11,673	369	23	254	91	11
25 to 34 years .....	27,096	150	4,557	22,389	1,930	51	358	290	30
35 to 44 years .....	20,483	133	4,574	15,776	2,088	89	199	323	30
45 to 54 years .....	14,096	150	3,029	10,916	1,499	70	167	255	28
55 to 64 years .....	9,741	221	2,096	7,423	1,154	71	97	269	14
55 to 59 years .....	5,972	94	1,277	4,601	666	43	51	142	8
60 to 64 years .....	3,769	127	820	2,822	488	27	46	127	6
65 years and over .....	2,057	120	335	1,603	529	15	26	203	7
Men, 16 years and over .....	50,011	162	7,705	42,145	5,224	52	1,048	1,228	59
16 to 19 years .....	2,728	55	134	2,540	62	23	134	15	30
16 to 17 years .....	924	32	16	877	33	11	48	3	17
18 to 19 years .....	1,804	23	118	1,663	30	11	87	11	13
20 to 24 years .....	6,722	27	526	6,169	244	10	211	73	8
25 to 34 years .....	14,899	21	2,044	12,833	1,286	7	303	241	10
35 to 44 years .....	11,250	16	2,216	9,018	1,391	1	162	269	2
45 to 54 years .....	7,852	7	1,557	6,288	1,023	3	129	210	3
55 to 64 years .....	5,442	17	1,048	4,377	836	3	82	245	1
55 to 59 years .....	3,367	6	636	2,725	483	-	42	130	-
60 to 64 years .....	2,076	11	413	1,652	354	2	40	115	2
65 years and over .....	1,118	18	180	920	382	6	26	176	4
Women, 16 years and over .....	41,863	949	8,377	32,537	2,446	302	220	218	100
16 to 19 years .....	2,694	162	170	2,361	38	12	33	-	9
16 to 17 years .....	928	110	30	788	14	6	16	-	2
18 to 19 years .....	1,766	52	140	1,573	25	6	17	-	7
20 to 24 years .....	6,258	93	660	5,504	126	14	42	18	3
25 to 34 years .....	12,197	129	2,512	9,556	644	44	55	49	20
35 to 44 years .....	9,233	117	2,358	6,758	697	88	38	55	27
45 to 54 years .....	6,244	143	1,472	4,628	477	67	37	45	25
55 to 64 years .....	4,299	204	1,048	3,047	318	68	15	24	12
55 to 59 years .....	2,605	88	641	1,876	184	43	9	12	8
60 to 64 years .....	1,693	116	407	1,170	134	25	6	12	4
65 years and over .....	939	101	155	683	146	9	-	27	3

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-25. Employed civilians by industry and occupation**

(In thousands)

Industry	March 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 <sup>1</sup>		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture .....	2,872	54	62	21	11	75	-	9	29	8	36	24	2,543
Mining .....	888	137	101	46	9	120	-	17	285	30	111	28	4
Construction .....	6,247	718	131	69	64	442	-	31	3,633	79	389	682	10
Manufacturing .....	20,724	2,193	1,544	787	749	2,549	-	336	3,910	6,708	834	1,038	77
Durable goods .....	12,292	1,335	1,037	565	301	1,500	-	180	2,734	3,663	451	453	72
Nondurable goods .....	8,431	857	507	222	448	1,049	-	156	1,176	3,045	383	585	4
Transportation and public utilities .....	7,190	711	415	221	261	1,946	-	226	1,354	110	1,542	399	5
Wholesale and retail trade .....	21,260	1,666	368	62	8,834	2,073	-	4,156	1,362	246	805	1,658	30
Wholesale trade .....	4,133	413	79	29	1,657	797	-	47	286	137	383	296	7
Retail trade .....	17,126	1,253	289	33	7,177	1,277	-	4,108	1,076	109	421	1,360	22
Finance, insurance, and real estate .....	6,699	1,621	149	122	1,581	2,798	-	239	95	12	25	16	42
Services .....	32,233	3,435	10,035	1,685	657	5,122	898	6,975	1,645	646	515	339	280
Private households .....	1,112	4	11	8	3	12	898	73	-	-	8	30	63
Other service industries .....	31,121	3,431	10,024	1,677	653	5,110	-	6,902	1,646	646	506	308	218
Professional services .....	21,613	1,920	9,097	1,439	140	3,762	-	4,229	370	186	320	92	58
Public administration .....	4,658	973	655	175	20	1,327	-	1,053	251	46	65	48	45

<sup>1</sup> Includes protective service, not shown separately.

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

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	Mar. 1983	Mar. 1984	Total		Wage and salary workers <sup>1</sup>			
			Mar. 1983	Mar. 1984	Paid absences		Unpaid absences	
					Mar. 1983	Mar. 1984	Mar. 1983	Mar. 1984
Total, 16 years and over .....	4,037	4,425	3,872	4,275	1,708	1,991	1,606	1,692
Vacation .....	1,429	1,750	1,391	1,731	906	1,152	333	411
Illness .....	1,383	1,494	1,350	1,451	606	617	632	685
Bad weather .....	197	196	153	152	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Industrial dispute .....	54	15	54	15	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
All other reasons .....	974	970	924	927	196	222	642	597
Men, 16 years and over .....	2,182	2,306	2,044	2,167	898	1,048	777	751
Vacation .....	780	905	749	884	494	635	153	162
Illness .....	713	766	685	725	314	322	311	311
All other reasons <sup>3</sup> .....	688	636	610	557	89	92	312	278
Women, 16 years and over .....	1,856	2,118	1,827	2,108	808	943	830	942
Vacation .....	649	845	642	847	411	517	180	249
Illness .....	670	728	665	726	291	294	321	374
All other reasons <sup>3</sup> .....	537	545	521	535	106	132	329	320

<sup>1</sup> Excludes private household workers.

<sup>2</sup> Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

<sup>3</sup> 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	March 1984					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	98,345	2,722	95,623	100.0	100.0	100.0
1 to 34 hours .....	24,500	827	23,674	24.9	30.4	24.8
1 to 4 hours .....	887	39	849	.9	1.4	.9
5 to 14 hours .....	4,754	221	4,533	4.8	8.1	4.7
15 to 29 hours .....	12,166	375	11,791	12.4	13.8	12.3
30 to 34 hours .....	6,893	192	6,501	6.8	7.1	6.8
35 hours and over .....	73,844	1,895	71,949	75.1	69.6	75.2
35 to 39 hours .....	7,133	132	7,001	7.3	4.8	7.3
40 hours .....	40,945	544	40,401	41.6	20.0	42.3
41 hours and over .....	25,766	1,219	24,547	26.2	44.8	25.7
41 to 48 hours .....	9,749	256	9,493	9.9	9.4	9.9
49 to 59 hours .....	9,485	391	9,094	9.6	14.4	9.5
60 hours and over .....	6,532	572	5,960	6.6	21.0	6.2
Average hours, total at work .....	38.4	42.0	38.3	-	-	-
Average hours, workers on full-time schedules .....	43.0	48.7	42.9	-	-	-

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

(Numbers in thousands)

Reason for working less than 35 hours	March 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 .....	24,500	6,683	17,818	23,674	6,397	17,278
Economic reasons .....	5,432	1,538	3,894	5,319	1,496	3,823
Slack work .....	2,365	1,270	1,095	2,300	1,233	1,067
Material shortages or repairs to plant and equipment .....	60	60	-	56	56	-
New job started during week .....	147	147	-	145	145	-
Job terminated during week .....	60	60	-	60	60	-
Could find only part-time work .....	2,799	-	2,799	2,756	-	2,756
Other reasons .....	19,068	5,144	13,924	18,354	4,900	13,454
Does not want, or unavailable for, full-time work .....	11,832	-	11,832	11,504	-	11,504
Vacation .....	961	961	-	945	945	-
Illness .....	2,055	1,891	164	2,020	1,669	151
Bad weather .....	657	657	-	598	598	-
Industrial dispute .....	-	-	-	-	-	-
Legal or religious holiday .....	106	106	-	106	106	-
Full time for this job .....	1,448	-	1,448	1,410	-	1,410
All other reasons .....	2,010	1,530	480	1,774	1,384	390
Average hours:						
Economic reasons .....	21.8	24.2	20.8	21.8	24.2	20.8
Other reasons .....	20.6	25.8	18.7	20.7	26.0	18.8
Worked 30 to 34 hours:						
Economic reasons .....	1,604	654	950	1,581	839	942
Other reasons .....	5,089	2,658	2,431	4,920	2,566	2,354

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

(Numbers in thousands)

Industry	March 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 .....	95,623	5,319	13,454	76,850	52,303	9,493	15,054	38.3	42.9
Wage and salary workers .....	88,159	4,700	12,118	71,341	49,745	8,933	12,663	38.1	42.5
Mining .....	811	22	13	776	186	114	215	45.2	46.3
Construction .....	4,868	417	235	4,216	3,087	424	705	38.6	41.5
Manufacturing .....	19,619	626	672	18,321	12,644	2,793	2,884	41.0	42.4
Durable goods .....	11,666	228	270	11,168	7,607	1,704	1,857	41.7	42.6
Nondurable goods .....	7,953	398	402	7,153	5,036	1,090	1,027	40.0	42.1
Transportation and public utilities .....	6,571	230	315	6,026	4,136	748	1,142	41.4	43.3
Wholesale and retail trade .....	18,605	1,839	4,593	12,373	7,900	1,871	2,602	35.4	43.1
Finance, insurance, and real estate .....	5,930	117	494	5,319	3,922	556	841	39.5	41.6
Service industries .....	27,243	1,587	5,599	20,057	14,293	2,024	3,740	36.2	42.4
Private households .....	1,080	216	495	369	270	25	74	24.1	44.4
All other industries .....	26,163	1,371	5,104	19,688	14,023	1,999	3,666	36.7	42.4
Public administration .....	4,512	62	197	4,253	3,315	403	535	40.2	41.4
Self-employed workers .....	7,109	601	1,195	5,313	2,435	546	2,332	40.4	48.0
Unpaid family workers .....	355	18	141	196	122	14	60	35.5	45.7

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Sex, age, race, and marital status	March 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		
<b>TOTAL</b>								
Total, 16 years and over .....	95,623	5,319	13,454	76,850	52,303	24,547	38.3	42.9
16 to 19 years .....	5,361	534	3,218	1,609	1,316	293	23.4	39.5
16 to 17 years .....	1,871	69	1,653	149	133	16	16.3	35.0
18 to 19 years .....	3,489	465	1,565	1,459	1,182	277	27.3	39.9
20 years and over .....	90,262	4,785	10,236	75,241	50,987	24,254	39.2	42.9
20 to 24 years .....	12,894	1,212	2,178	9,504	6,902	2,602	36.0	41.8
25 years and over .....	77,368	3,574	8,059	65,735	44,084	21,651	39.7	43.1
25 to 44 years .....	49,684	2,380	4,331	42,973	28,448	14,525	40.2	43.2
45 to 64 years .....	25,281	1,092	2,592	21,597	14,792	6,805	39.8	43.1
65 years and over .....	2,404	102	1,136	1,166	844	322	28.9	41.8
<b>Men, 16 years and over</b> .....	<b>53,121</b>	<b>2,475</b>	<b>4,112</b>	<b>46,534</b>	<b>28,353</b>	<b>18,161</b>	<b>41.2</b>	<b>44.3</b>
16 to 19 years .....	2,723	264	1,576	883	675	208	24.5	40.6
16 to 17 years .....	939	34	818	87	78	9	17.1	35.3
18 to 19 years .....	1,785	230	758	797	597	200	28.4	41.2
20 years and over .....	50,397	2,210	2,537	45,650	27,678	17,972	42.1	44.4
20 to 24 years .....	6,733	575	931	5,227	3,474	1,753	37.6	42.8
25 years and over .....	43,665	1,635	1,606	40,424	24,204	16,220	42.8	44.6
25 to 44 years .....	27,887	1,145	542	26,200	15,367	10,833	43.3	44.7
45 to 64 years .....	14,405	441	475	13,489	8,347	5,142	43.0	44.5
65 years and over .....	1,372	49	589	734	490	244	30.9	43.0
<b>Women, 16 years and over</b> .....	<b>42,503</b>	<b>2,844</b>	<b>9,342</b>	<b>30,317</b>	<b>23,950</b>	<b>6,367</b>	<b>34.7</b>	<b>40.6</b>
16 to 19 years .....	2,638	266	1,642	728	643	85	22.3	38.1
16 to 17 years .....	933	35	835	63	56	7	15.4	( <sup>1</sup> )
18 to 19 years .....	1,705	235	807	663	586	77	26.1	38.4
20 years and over .....	39,865	2,575	7,700	29,590	23,307	6,283	35.5	40.7
20 to 24 years .....	6,161	636	1,247	4,278	3,428	850	34.3	40.5
25 years and over .....	33,704	1,937	6,453	25,314	19,880	5,434	35.7	40.7
25 to 44 years .....	21,798	1,237	3,789	16,772	13,080	3,692	36.1	40.7
45 to 64 years .....	10,874	649	2,118	8,107	6,445	1,662	35.7	40.8
65 years and over .....	1,031	53	547	431	351	80	26.3	39.6
<b>RACE</b>								
White, 16 years and over .....	84,172	4,333	12,314	67,525	44,726	22,799	38.4	43.1
Men .....	47,264	2,013	3,705	41,546	24,530	17,016	41.5	44.6
Women .....	36,908	2,319	8,608	25,981	20,197	5,784	34.5	40.7
Black, 16 years and over .....	9,162	852	874	7,436	6,111	1,325	36.9	40.8
Men .....	4,631	400	311	3,920	3,044	876	38.4	41.8
Women .....	4,530	453	563	3,514	3,066	448	35.3	39.7
<b>MARITAL STATUS</b>								
Men, 16 years and over:								
Married, spouse present .....	35,443	1,119	1,130	33,194	19,606	13,588	43.1	44.7
Widowed, divorced, or separated .....	4,799	315	251	4,233	2,545	1,688	41.9	44.7
Single (never married) .....	12,878	1,041	2,731	9,106	6,201	2,905	35.6	42.8
Women, 16 years and over:								
Married, spouse present .....	23,645	1,407	5,525	16,713	13,396	3,317	34.5	40.3
Widowed, divorced, or separated .....	8,325	643	1,018	6,664	5,036	1,628	37.4	41.4
Single (never married) .....	10,532	793	2,800	6,939	5,518	1,421	32.9	40.6

<sup>1</sup> Data not shown where base is less than 75,000.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Occupation and sex	March 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		
<b>Total, 16 years and over</b> .....	<b>95,487</b>	<b>5,287</b>	<b>13,444</b>	<b>76,757</b>	<b>52,153</b>	<b>9,489</b>	<b>15,114</b>	<b>38.3</b>	<b>42.9</b>
<b>Managerial and professional specialty</b> .....	<b>23,814</b>	<b>466</b>	<b>2,207</b>	<b>21,141</b>	<b>12,347</b>	<b>2,523</b>	<b>6,271</b>	<b>41.9</b>	<b>44.8</b>
Executive, administrative, and managerial .....	11,088	151	529	10,389	5,629	1,306	3,454	44.1	45.7
Professional specialty .....	12,746	316	1,678	10,752	6,718	1,217	2,817	39.9	43.9
<b>Technical, sales, and administrative support</b> .....	<b>30,596</b>	<b>1,301</b>	<b>5,441</b>	<b>23,853</b>	<b>17,228</b>	<b>2,701</b>	<b>3,924</b>	<b>37.1</b>	<b>42.0</b>
Technicians and related support .....	3,089	65	378	2,628	2,022	267	339	38.6	41.6
Sales occupations .....	11,708	718	2,471	8,519	4,722	1,188	2,610	38.0	44.9
Administrative support, including clerical .....	15,818	518	2,595	12,706	10,485	1,246	975	36.2	40.2
<b>Service occupations</b> .....	<b>13,310</b>	<b>1,601</b>	<b>3,997</b>	<b>7,712</b>	<b>5,925</b>	<b>760</b>	<b>1,026</b>	<b>32.1</b>	<b>41.8</b>
Private household .....	887	160	421	286	226	14	46	23.3	42.5
Protective service .....	1,524	52	141	1,332	851	198	283	41.5	44.8
Service, except private household and protective .....	10,919	1,389	3,436	6,094	4,849	548	697	31.5	41.0
<b>Precision production, craft, and repair</b> .....	<b>12,071</b>	<b>675</b>	<b>436</b>	<b>10,961</b>	<b>7,412</b>	<b>1,594</b>	<b>1,955</b>	<b>40.7</b>	<b>42.6</b>
<b>Operators, fabricators, and laborers</b> .....	<b>15,696</b>	<b>1,244</b>	<b>1,362</b>	<b>13,090</b>	<b>9,241</b>	<b>1,911</b>	<b>1,936</b>	<b>36.7</b>	<b>42.3</b>
Machine operators, assemblers, and inspectors .....	7,607	428	337	6,842	5,083	1,087	672	39.6	41.4
Transportation and material moving occupations .....	4,052	265	326	3,461	2,009	467	985	41.4	45.2
Handlers, equipment cleaners, helpers, and laborers .....	4,038	551	699	2,787	2,148	358	281	34.4	40.9
<b>Men, 16 years and over</b> .....	<b>52,893</b>	<b>2,442</b>	<b>4,061</b>	<b>46,390</b>	<b>28,177</b>	<b>6,346</b>	<b>11,868</b>	<b>41.3</b>	<b>44.4</b>
<b>Managerial and professional specialty</b> .....	<b>13,965</b>	<b>248</b>	<b>606</b>	<b>13,111</b>	<b>6,709</b>	<b>1,585</b>	<b>4,816</b>	<b>44.8</b>	<b>46.5</b>
Executive, administrative, and managerial .....	7,378	96	206	7,077	3,339	926	2,811	46.1	47.2
Professional specialty .....	6,586	152	401	6,034	3,370	659	2,005	43.3	45.6
<b>Technical, sales, and administrative support</b> .....	<b>11,110</b>	<b>265</b>	<b>1,076</b>	<b>9,789</b>	<b>5,540</b>	<b>1,402</b>	<b>2,828</b>	<b>41.8</b>	<b>44.9</b>
Technicians and related support .....	1,575	24	85	1,465	1,053	167	245	40.9	42.6
Sales occupations .....	6,336	158	647	5,533	2,515	838	2,180	43.4	47.0
Administrative support, including clerical .....	3,200	85	344	2,771	1,972	397	402	36.9	42.0
<b>Service occupations</b> .....	<b>5,268</b>	<b>467</b>	<b>1,104</b>	<b>3,697</b>	<b>2,622</b>	<b>450</b>	<b>625</b>	<b>35.7</b>	<b>43.2</b>
Private household .....	46	10	18	18	11	1	6	( <sup>1</sup> )	( <sup>1</sup> )
Protective service .....	1,346	41	91	1,216	772	189	255	42.3	44.9
Service, except private household and protective .....	3,873	416	995	2,462	1,839	259	364	33.6	42.3
<b>Precision production, craft, and repair</b> .....	<b>11,067</b>	<b>625</b>	<b>343</b>	<b>10,119</b>	<b>6,795</b>	<b>1,461</b>	<b>1,662</b>	<b>40.9</b>	<b>42.6</b>
<b>Operators, fabricators, and laborers</b> .....	<b>11,464</b>	<b>837</b>	<b>932</b>	<b>9,695</b>	<b>6,511</b>	<b>1,447</b>	<b>1,737</b>	<b>39.5</b>	<b>43.0</b>
Machine operators, assemblers, and inspectors .....	4,362	171	165	4,025	2,833	689	503	40.7	42.2
Transportation and material moving occupations .....	3,701	223	187	3,291	1,887	438	966	42.6	45.4
Handlers, equipment cleaners, helpers, and laborers .....	3,400	443	579	2,378	1,790	320	268	34.7	41.2
<b>Women, 16 years and over</b> .....	<b>42,594</b>	<b>2,845</b>	<b>9,383</b>	<b>30,366</b>	<b>23,977</b>	<b>3,144</b>	<b>3,246</b>	<b>34.6</b>	<b>40.6</b>
<b>Managerial and professional specialty</b> .....	<b>9,850</b>	<b>219</b>	<b>1,601</b>	<b>8,030</b>	<b>5,638</b>	<b>937</b>	<b>1,455</b>	<b>37.8</b>	<b>42.0</b>
Executive, administrative, and managerial .....	3,690	55	323	3,312	2,290	380	642	40.2	42.4
Professional specialty .....	6,160	164	1,277	4,718	3,348	558	812	36.4	41.7
<b>Technical, sales, and administrative support</b> .....	<b>19,485</b>	<b>1,036</b>	<b>4,365</b>	<b>14,064</b>	<b>11,686</b>	<b>1,299</b>	<b>1,096</b>	<b>34.5</b>	<b>40.0</b>
Technicians and related support .....	1,494	41	290	1,163	969	101	93	36.2	40.5
Sales occupations .....	5,373	562	1,824	2,986	2,207	350	429	31.6	41.2
Administrative support, including clerical .....	12,618	432	2,251	9,935	8,513	849	574	35.5	39.6
<b>Service occupations</b> .....	<b>8,042</b>	<b>1,134</b>	<b>2,893</b>	<b>4,015</b>	<b>3,303</b>	<b>311</b>	<b>401</b>	<b>29.8</b>	<b>40.4</b>
Private household .....	821	150	403	268	215	12	40	23.1	42.0
Protective service .....	177	11	50	118	78	9	28	35.4	44.5
Service, except private household and protective .....	7,045	973	2,440	3,632	3,010	289	333	30.4	40.2
<b>Precision production, craft, and repair</b> .....	<b>984</b>	<b>49</b>	<b>93</b>	<b>842</b>	<b>617</b>	<b>132</b>	<b>93</b>	<b>37.9</b>	<b>40.7</b>
<b>Operators, fabricators, and laborers</b> .....	<b>4,232</b>	<b>407</b>	<b>431</b>	<b>3,395</b>	<b>2,730</b>	<b>464</b>	<b>201</b>	<b>36.6</b>	<b>40.1</b>
Machine operators, assemblers, and inspectors .....	3,244	256	172	2,816	2,250	398	168	38.1	40.3
Transportation and material moving occupations .....	351	42	139	169	122	28	19	29.7	40.4
Handlers, equipment cleaners, helpers, and laborers .....	637	109	120	409	358	38	13	32.7	39.0

<sup>1</sup> 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>TOTAL</b>													
Noninstitutional population <sup>1</sup> .....	175,320	175,465	175,622	175,793	175,970	176,122	176,297	176,474	176,636	176,809	177,219	177,363	177,510
Labor force <sup>1</sup> .....	112,399	112,646	112,619	113,573	113,489	113,799	113,924	113,561	113,720	113,824	113,901	114,377	114,598
Percent of population <sup>2</sup> .....	64.1	64.2	64.1	64.6	64.5	64.6	64.6	64.3	64.4	64.4	64.3	64.5	64.6
Total employed <sup>1</sup> .....	100,980	101,277	101,431	102,411	102,889	103,166	103,571	103,665	104,291	104,629	104,876	105,576	105,826
Employment-population ratio <sup>3</sup> .....	57.6	57.7	57.8	58.3	58.5	58.6	58.7	58.7	59.0	59.2	59.2	59.5	59.6
Resident Armed Forces .....	1,664	1,671	1,669	1,668	1,664	1,682	1,695	1,695	1,685	1,688	1,686	1,684	1,686
Civilian employed .....	99,316	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190	103,892	104,140
Agriculture .....	3,386	3,392	3,374	3,479	3,499	3,449	3,308	3,240	3,257	3,356	3,271	3,395	3,281
Nonagricultural industries .....	95,930	96,214	96,388	97,264	97,728	98,035	98,568	98,730	99,349	99,585	99,918	100,496	100,859
Unemployed .....	11,419	11,369	11,188	11,162	10,600	10,633	10,353	9,896	9,429	9,195	9,026	8,801	8,772
Unemployment rate <sup>4</sup> .....	10.2	10.1	9.9	9.8	9.3	9.3	9.1	8.7	8.3	8.1	7.9	7.7	7.7
Not in labor force .....	62,921	62,819	63,003	62,220	62,481	62,323	62,373	62,913	62,916	62,985	63,318	62,986	62,912
<b>Men</b>													
Noninstitutional population <sup>1</sup> .....	83,789	83,856	83,931	84,014	84,099	84,173	84,261	84,344	84,423	84,506	84,745	84,811	84,880
Labor force <sup>1</sup> .....	84,096	84,311	84,348	84,778	84,840	84,807	84,877	84,709	84,846	84,838	84,930	85,093	85,156
Percent of population <sup>2</sup> .....	76.5	76.7	76.7	77.1	77.1	77.0	77.0	76.7	76.8	76.7	76.6	76.8	76.8
Total employed <sup>1</sup> .....	57,423	57,589	57,744	58,369	58,592	58,607	58,828	58,950	59,389	59,580	59,781	60,147	60,290
Employment-population ratio <sup>3</sup> .....	68.5	68.7	68.8	69.5	69.7	69.6	69.8	69.9	70.3	70.5	70.5	70.9	71.0
Resident Armed Forces .....	1,528	1,530	1,528	1,525	1,521	1,538	1,549	1,543	1,534	1,537	1,542	1,540	1,542
Civilian employed .....	55,895	56,059	56,216	56,844	57,071	57,069	57,279	57,407	57,855	58,043	58,239	58,607	58,748
Unemployed .....	6,673	6,722	6,604	6,409	6,248	6,200	6,049	5,759	5,457	5,258	5,149	4,946	4,867
Unemployment rate <sup>4</sup> .....	10.4	10.5	10.3	9.9	9.6	9.6	9.3	8.9	8.4	8.1	7.9	7.6	7.5
Not in labor force .....	19,693	19,545	19,583	19,236	19,259	19,366	19,384	19,635	19,577	19,668	19,815	19,718	19,724
<b>Women</b>													
Noninstitutional population <sup>1</sup> .....	91,532	91,609	91,691	91,779	91,871	91,949	92,036	92,129	92,214	92,302	92,474	92,552	92,630
Labor force <sup>1</sup> .....	48,303	48,335	48,271	48,795	48,649	48,992	49,047	48,852	48,874	48,986	48,971	49,283	49,442
Percent of population <sup>2</sup> .....	52.8	52.8	52.6	53.2	53.0	53.3	53.3	53.0	53.0	53.1	53.0	53.2	53.4
Total employed <sup>1</sup> .....	43,557	43,688	43,687	44,042	44,297	44,559	44,743	44,715	44,902	45,049	45,094	45,429	45,536
Employment-population ratio <sup>3</sup> .....	47.6	47.7	47.6	48.0	48.2	48.5	48.6	48.5	48.7	48.8	48.8	49.1	49.2
Resident Armed Forces .....	136	141	141	143	143	144	146	152	151	151	144	144	144
Civilian employed .....	43,421	43,547	43,546	43,899	44,154	44,415	44,597	44,563	44,751	44,898	44,950	45,285	45,392
Unemployed .....	4,746	4,647	4,584	4,753	4,352	4,433	4,304	4,137	3,972	3,937	3,876	3,855	3,905
Unemployment rate <sup>4</sup> .....	9.8	9.6	9.5	9.7	8.9	9.0	8.8	8.5	8.1	8.0	7.9	7.8	7.9
Not in labor force .....	43,229	43,274	43,420	42,984	43,222	42,957	42,989	43,277	43,340	43,316	43,503	43,269	43,188

<sup>1</sup> Includes members of the Armed Forces stationed in the United States.

<sup>2</sup> Labor force as a percent of the noninstitutional population.

<sup>3</sup> Total employment as a percent of the noninstitutional population.

<sup>4</sup> 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	173,656	173,794	173,953	174,125	174,306	174,440	174,602	174,779	174,951	175,121	175,533	175,679	175,824
Civilian labor force .....	110,735	110,975	110,950	111,905	111,825	112,117	112,229	111,866	112,035	112,136	112,215	112,693	112,912
Percent of population .....	63.8	63.9	63.8	64.3	64.2	64.3	64.3	64.0	64.0	64.0	63.9	64.1	64.2
Employed .....	99,316	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190	103,892	104,140
Employment-population ratio <sup>2</sup> .....	57.2	57.3	57.3	57.9	58.1	58.2	58.3	58.3	58.6	58.8	58.8	59.1	59.2
Unemployed .....	11,419	11,369	11,188	11,162	10,600	10,633	10,353	9,896	9,429	9,195	9,026	8,801	8,772
Unemployment rate .....	10.3	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2	8.0	7.8	7.8
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	74,528	74,611	74,712	74,814	74,927	75,012	75,115	75,216	75,327	75,433	75,692	75,786	75,880
Civilian labor force .....	58,268	58,512	58,546	58,844	58,982	58,954	59,012	58,949	59,053	59,050	59,299	59,394	59,388
Percent of population .....	78.2	78.4	78.4	78.7	78.7	78.6	78.6	78.4	78.4	78.3	78.3	78.4	78.3
Employed .....	52,673	52,830	52,963	53,492	53,765	53,804	53,947	54,140	54,457	54,658	54,999	55,266	55,368
Employment-population ratio <sup>2</sup> .....	70.7	70.8	70.9	71.5	71.8	71.7	71.8	72.0	72.3	72.5	72.7	72.9	73.0
Agriculture .....	2,425	2,421	2,440	2,497	2,521	2,475	2,431	2,376	2,336	2,374	2,356	2,409	2,364
Nonagricultural industries .....	50,248	50,409	50,523	50,995	51,244	51,329	51,516	51,764	52,121	52,284	52,643	52,857	53,004
Unemployed .....	5,595	5,682	5,583	5,352	5,217	5,150	5,065	4,809	4,596	4,392	4,300	4,128	4,020
Unemployment rate .....	9.6	9.7	9.5	9.1	8.8	8.7	8.6	8.2	7.8	7.4	7.3	7.0	6.8
Not in labor force .....	16,260	16,099	16,166	15,970	15,945	16,058	16,103	16,267	16,274	16,383	16,393	16,392	16,492
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	83,699	83,794	83,899	84,008	84,122	84,224	84,333	84,443	84,553	84,666	84,860	84,962	85,064
Civilian labor force .....	44,259	44,311	44,331	44,684	44,647	44,896	45,062	44,936	44,953	45,024	44,981	45,258	45,459
Percent of population .....	52.9	52.9	52.8	53.2	53.1	53.3	53.4	53.2	53.2	53.2	53.0	53.3	53.4
Employed .....	40,368	40,531	40,583	40,847	41,123	41,298	41,550	41,570	41,738	41,843	41,798	42,138	42,315
Employment-population ratio <sup>2</sup> .....	48.2	48.4	48.4	48.6	48.9	49.0	49.3	49.2	49.4	49.4	49.3	49.6	49.7
Agriculture .....	632	621	605	634	613	627	581	597	638	653	625	640	574
Nonagricultural industries .....	39,736	39,910	39,978	40,213	40,510	40,671	40,969	40,973	41,100	41,190	41,174	41,498	41,741
Unemployed .....	3,891	3,780	3,748	3,837	3,524	3,598	3,512	3,366	3,215	3,181	3,182	3,120	3,144
Unemployment rate .....	8.8	8.5	8.5	8.6	7.9	8.0	7.8	7.5	7.2	7.1	7.1	6.9	6.9
Not in labor force .....	39,440	39,483	39,568	39,324	39,475	39,328	39,271	39,507	39,600	39,642	39,879	39,704	39,605
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	15,429	15,389	15,342	15,303	15,257	15,204	15,154	15,120	15,072	15,022	14,981	14,931	14,880
Civilian labor force .....	8,208	8,152	8,073	8,377	8,196	8,267	8,155	7,981	8,029	8,062	7,935	8,041	8,065
Percent of population .....	53.2	53.0	52.6	54.7	53.7	54.4	53.8	52.8	53.3	53.7	53.0	53.9	54.2
Employed .....	6,275	6,245	6,216	6,404	6,337	6,382	6,379	6,260	6,411	6,440	6,392	6,488	6,457
Employment-population ratio <sup>2</sup> .....	40.7	40.6	40.5	41.8	41.5	42.0	42.1	41.4	42.5	42.9	42.7	43.5	43.4
Agriculture .....	329	350	329	348	365	347	296	267	283	329	290	346	343
Nonagricultural industries .....	5,946	5,895	5,887	6,056	5,972	6,035	6,083	5,993	6,128	6,111	6,102	6,142	6,114
Unemployed .....	1,933	1,907	1,857	1,973	1,859	1,885	1,776	1,721	1,618	1,622	1,543	1,553	1,608
Unemployment rate .....	23.6	23.4	23.0	23.6	22.7	22.8	21.8	21.6	20.2	20.1	19.4	19.3	19.9
Not in labor force .....	7,221	7,237	7,269	6,926	7,061	6,937	6,999	7,139	7,043	6,960	7,046	6,890	6,815

<sup>1</sup> The population figures are not adjusted for seasonal variation.

<sup>2</sup> 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	150,382	150,518	150,671	150,810	150,959	151,003	151,021	151,175	151,324	151,484	151,939	152,079	152,285
Civilian labor force .....	96,265	96,450	96,472	97,235	97,255	97,498	97,507	97,339	97,559	97,724	97,813	98,167	98,424
Percent of population .....	64.0	64.1	64.0	64.5	64.4	64.6	64.6	64.4	64.5	64.5	64.4	64.6	64.6
Employed .....	87,530	87,854	88,004	88,836	89,260	89,503	89,693	89,851	90,430	90,779	91,044	91,544	91,845
Employment-population ratio <sup>2</sup> .....	58.2	58.4	58.4	58.9	59.1	59.3	59.4	59.4	59.8	59.9	59.9	60.2	60.3
Unemployed .....	8,735	8,596	8,468	8,399	7,995	7,995	7,814	7,488	7,129	6,945	6,768	6,623	6,580
Unemployment rate .....	9.1	8.9	8.8	8.6	8.2	8.2	8.0	7.7	7.3	7.1	6.9	6.7	6.7
<b>Men, 20 years and over</b>													
Civilian labor force .....	51,320	51,480	51,561	51,820	51,901	51,878	51,881	51,902	52,021	52,063	52,270	52,335	52,398
Percent of population .....	78.6	78.7	78.7	79.0	79.0	78.9	79.0	78.9	78.9	78.9	78.8	78.8	78.8
Employed .....	46,942	47,085	47,231	47,704	47,891	47,886	47,908	48,128	48,414	48,589	48,964	49,149	49,343
Employment-population ratio <sup>2</sup> .....	71.9	72.0	72.1	72.7	72.9	72.9	72.9	73.1	73.5	73.6	73.8	74.0	74.2
Unemployed .....	4,378	4,395	4,330	4,116	4,010	3,992	3,973	3,774	3,607	3,474	3,306	3,186	3,055
Unemployment rate .....	8.5	8.5	8.4	7.9	7.7	7.7	7.7	7.3	6.9	6.7	6.3	6.1	5.8
<b>Women, 20 years and over</b>													
Civilian labor force .....	37,664	37,793	37,805	38,129	38,161	38,356	38,468	38,438	38,489	38,556	38,505	38,726	38,873
Percent of population .....	52.1	52.2	52.2	52.6	52.5	52.7	52.8	52.7	52.7	52.8	52.6	52.8	52.9
Employed .....	34,846	35,049	35,082	35,309	35,574	35,767	35,928	36,016	36,177	36,292	36,180	36,465	36,570
Employment-population ratio <sup>2</sup> .....	48.2	48.4	48.4	48.7	48.9	49.2	49.3	49.4	49.6	49.7	49.4	49.7	49.8
Unemployed .....	2,818	2,744	2,723	2,820	2,587	2,589	2,540	2,422	2,312	2,264	2,325	2,261	2,303
Unemployment rate .....	7.5	7.3	7.2	7.4	6.8	6.7	6.6	6.3	6.0	5.9	6.0	5.8	5.9
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	7,281	7,177	7,106	7,286	7,193	7,264	7,158	6,999	7,049	7,105	7,038	7,106	7,153
Percent of population .....	57.0	56.3	56.0	57.6	57.2	57.9	57.3	56.2	56.7	57.2	56.9	57.7	58.3
Employed .....	5,742	5,720	5,691	5,823	5,795	5,850	5,857	5,707	5,839	5,898	5,900	5,930	5,932
Employment-population ratio <sup>2</sup> .....	45.0	44.9	44.8	46.1	46.1	46.6	46.9	45.8	47.0	47.5	47.7	48.1	48.3
Unemployed .....	1,539	1,457	1,415	1,463	1,398	1,414	1,301	1,292	1,210	1,207	1,138	1,176	1,221
Unemployment rate .....	21.1	20.3	19.9	20.1	19.4	19.5	18.2	18.5	17.2	17.0	16.2	16.5	17.1
Men .....	22.6	21.4	20.4	20.4	20.3	20.7	18.9	19.8	17.6	17.5	17.8	16.4	17.3
Women .....	19.6	19.1	19.4	19.7	18.4	18.2	17.4	16.9	16.6	16.5	14.5	16.7	16.8
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	18,823	18,851	18,880	18,911	18,942	18,966	18,994	19,026	19,057	19,086	19,196	19,222	19,248
Civilian labor force .....	11,573	11,651	11,645	11,718	11,741	11,724	11,720	11,565	11,623	11,650	11,660	11,881	11,867
Percent of population .....	61.5	61.8	61.7	62.0	62.0	61.8	61.7	60.8	61.0	61.0	60.7	61.8	61.7
Employed .....	9,249	9,245	9,277	9,339	9,443	9,408	9,504	9,449	9,563	9,582	9,707	9,958	9,896
Employment-population ratio <sup>2</sup> .....	49.1	49.0	49.1	49.4	49.9	49.6	50.0	49.7	50.2	50.2	50.6	51.8	51.4
Unemployed .....	2,324	2,406	2,368	2,379	2,298	2,316	2,216	2,116	2,060	2,068	1,953	1,923	1,972
Unemployment rate .....	20.1	20.7	20.3	20.3	19.6	19.8	18.9	18.3	17.7	17.8	16.7	16.2	16.6
<b>Men, 20 years and over</b>													
Civilian labor force .....	5,466	5,530	5,506	5,562	5,599	5,578	5,553	5,501	5,568	5,565	5,621	5,677	5,660
Percent of population .....	74.8	75.6	75.1	75.7	76.0	75.6	75.1	74.2	74.9	74.7	74.8	75.4	75.0
Employed .....	4,420	4,425	4,435	4,512	4,559	4,563	4,613	4,607	4,701	4,722	4,789	4,877	4,789
Employment-population ratio <sup>2</sup> .....	60.5	60.5	60.5	61.4	61.9	61.8	62.4	62.1	63.2	63.4	63.7	64.8	63.5
Unemployed .....	1,046	1,105	1,071	1,050	1,040	1,015	940	894	867	843	833	800	871
Unemployment rate .....	18.1	20.0	19.5	18.9	18.6	18.2	16.9	16.3	15.6	15.1	14.8	14.1	15.4
<b>Women, 20 years and over</b>													
Civilian labor force .....	5,325	5,288	5,329	5,287	5,317	5,312	5,358	5,277	5,270	5,303	5,277	5,408	5,425
Percent of population .....	57.4	56.9	57.2	56.7	56.9	56.7	57.1	56.1	55.9	56.2	55.6	56.9	57.0
Employed .....	4,400	4,396	4,424	4,391	4,458	4,440	4,495	4,438	4,448	4,461	4,522	4,630	4,690
Employment-population ratio <sup>2</sup> .....	47.4	47.3	47.5	47.1	47.7	47.4	47.9	47.2	47.2	47.3	47.7	48.7	49.2
Unemployed .....	925	892	905	896	859	872	863	839	822	842	755	777	735
Unemployment rate .....	17.4	16.9	17.0	16.9	16.2	16.4	16.1	15.9	15.6	15.9	14.3	14.4	13.5

See footnotes at end of table.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1983										1984		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	782	833	810	869	825	834	809	787	785	782	762	796	783
Percent of population .....	34.9	37.2	36.3	39.0	37.1	37.6	36.6	35.6	35.6	35.6	34.7	36.4	35.9
Employed .....	429	424	418	436	426	405	396	404	414	399	397	450	417
Employment-population ratio <sup>2</sup> .....	19.1	18.9	18.7	19.6	19.1	18.3	17.9	18.3	18.8	18.2	18.1	20.6	19.1
Unemployed .....	353	409	392	433	399	429	413	383	371	383	365	346	366
Unemployment rate .....	45.1	49.1	48.4	49.8	48.4	51.4	51.1	48.7	47.3	49.0	47.9	43.5	46.7
Men .....	46.5	48.6	52.1	50.7	48.3	53.7	52.7	45.6	44.9	46.4	47.1	46.7	44.4
Women .....	43.5	49.6	44.1	48.7	48.4	48.8	49.2	52.2	50.0	51.9	48.8	39.9	49.6
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	9,551	9,665	9,747	9,738	9,640	9,690	9,700	9,745	9,677	9,735	9,778	9,906	10,080
Civilian labor force .....	6,070	6,161	6,139	6,202	6,090	6,145	6,202	6,165	6,232	6,267	6,336	6,292	6,484
Percent of population .....	63.6	63.7	63.0	63.7	63.2	63.4	63.9	63.3	64.4	64.4	64.8	63.5	64.3
Employed .....	5,114	5,259	5,284	5,336	5,339	5,350	5,392	5,398	5,463	5,540	5,627	5,652	5,751
Employment-population ratio <sup>2</sup> .....	53.5	54.4	54.2	54.8	55.4	55.2	55.6	55.4	56.5	56.9	57.6	57.1	57.1
Unemployed .....	956	902	855	866	751	795	810	767	769	727	708	639	733
Unemployment rate .....	15.7	14.6	13.9	14.0	12.3	12.9	13.1	12.4	12.3	11.6	11.2	10.2	11.3

<sup>1</sup> The population figures are not adjusted for seasonal variation.

<sup>2</sup> 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>CHARACTERISTIC</b>													
Total .....	99,316	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190	103,892	104,140
Married men, spouse present .....	37,545	37,602	37,616	37,911	38,254	38,281	38,232	38,240	38,388	38,494	38,682	38,911	38,927
Married women, spouse present .....	24,220	24,361	24,304	24,416	24,618	24,905	24,921	24,953	25,057	25,140	24,947	25,212	25,239
Women who maintain families .....	5,093	4,969	4,991	5,029	5,071	5,096	5,124	5,172	5,236	5,254	5,293	5,346	5,444
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,558	1,578	1,588	1,624	1,631	1,628	1,572	1,505	1,481	1,512	1,443	1,560	1,515
Self-employed workers .....	1,584	1,595	1,558	1,591	1,573	1,564	1,515	1,527	1,556	1,572	1,613	1,609	1,580
Unpaid family workers .....	265	219	233	252	251	240	236	227	224	265	233	232	198
Nonagricultural industries:													
Wage and salary workers .....	88,078	88,390	88,584	89,345	89,687	90,032	90,743	90,617	91,094	91,422	91,641	92,379	92,819
Government .....	15,479	15,524	15,530	15,514	15,593	15,671	15,560	15,578	15,585	15,481	15,535	15,822	15,813
Private industries .....	72,599	72,866	73,054	73,831	74,094	74,361	75,183	75,039	75,509	75,941	76,106	76,557	77,006
Private households .....	1,234	1,221	1,238	1,295	1,276	1,270	1,279	1,278	1,216	1,241	1,197	1,219	1,155
Other industries .....	71,365	71,645	71,816	72,536	72,818	73,091	73,904	73,761	74,293	74,700	74,909	75,339	75,851
Self-employed workers .....	7,456	7,504	7,448	7,510	7,595	7,641	7,656	7,695	7,800	7,734	7,936	7,849	7,755
Unpaid family workers .....	344	354	345	352	322	375	380	405	474	450	364	330	326
<b>PERSONS AT WORK<sup>1</sup></b>													
Nonagricultural industries .....	90,450	92,233	91,070	90,913	92,126	91,953	93,322	93,273	93,834	94,173	94,707	95,067	94,982
Full-time schedules .....	72,035	73,567	72,949	73,071	73,844	73,499	74,666	75,047	75,398	75,802	76,237	76,715	77,004
Part time for economic reasons .....	6,169	6,077	5,965	5,886	5,700	5,866	6,027	5,724	5,848	5,712	5,943	5,808	5,463
Usually work full time .....	1,934	1,888	1,748	1,777	1,781	1,742	1,771	1,617	1,719	1,672	1,771	1,611	1,472
Usually work part time .....	4,235	4,189	4,217	4,109	3,919	4,124	4,256	4,107	4,129	4,040	4,172	4,197	3,991
Part time for noneconomic reasons .....	12,246	12,589	12,156	11,956	12,582	12,588	12,629	12,502	12,588	12,659	12,527	12,545	12,515

<sup>1</sup> 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over .....	99,316	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190	103,892	104,140
16 to 24 years .....	19,803	19,806	19,715	20,211	20,215	20,170	20,217	20,085	20,338	20,377	20,401	20,628	20,616
16 to 19 years .....	6,275	6,245	6,216	6,404	6,337	6,382	6,379	6,260	6,411	6,440	6,392	6,488	6,457
16 to 17 years .....	2,309	2,291	2,288	2,315	2,283	2,331	2,320	2,257	2,332	2,355	2,321	2,342	2,376
18 to 19 years .....	3,970	3,954	3,938	4,104	4,067	4,013	4,062	4,012	4,064	4,092	4,114	4,153	4,082
20 to 24 years .....	13,528	13,561	13,499	13,807	13,878	13,788	13,838	13,825	13,927	13,937	14,008	14,140	14,159
25 years and over .....	79,507	79,783	80,034	80,528	81,020	81,363	81,668	81,892	82,268	82,551	82,765	83,294	83,493
25 to 54 years .....	65,309	65,691	65,895	66,380	66,797	67,155	67,323	67,537	67,913	68,179	68,534	68,964	69,279
55 years and over .....	14,157	14,111	14,129	14,178	14,224	14,231	14,368	14,364	14,364	14,347	14,239	14,293	14,212
Men, 16 years and over .....	55,895	56,059	56,216	56,844	57,071	57,069	57,279	57,407	57,855	58,043	58,239	58,607	58,748
16 to 24 years .....	10,303	10,337	10,347	10,689	10,606	10,566	10,634	10,569	10,789	10,770	10,700	10,864	10,965
16 to 19 years .....	3,222	3,229	3,253	3,352	3,306	3,265	3,332	3,267	3,398	3,385	3,240	3,342	3,380
16 to 17 years .....	1,210	1,174	1,196	1,219	1,200	1,206	1,217	1,165	1,223	1,224	1,222	1,223	1,256
18 to 19 years .....	2,013	2,056	2,061	2,147	2,116	2,054	2,120	2,102	2,155	2,151	2,050	2,120	2,126
20 to 24 years .....	7,081	7,108	7,094	7,337	7,300	7,301	7,302	7,302	7,391	7,385	7,460	7,523	7,586
25 years and over .....	45,594	45,718	45,881	46,168	46,430	46,511	46,666	46,834	47,073	47,266	47,531	47,745	47,777
25 to 54 years .....	37,180	37,328	37,483	37,748	37,953	38,052	38,173	38,334	38,550	38,757	39,049	39,271	39,418
55 years and over .....	8,410	8,394	8,371	8,460	8,481	8,468	8,499	8,499	8,541	8,470	8,495	8,473	8,373
Women, 16 years and over .....	43,421	43,547	43,546	43,899	44,154	44,415	44,597	44,563	44,751	44,898	44,950	45,285	45,392
16 to 24 years .....	9,500	9,469	9,368	9,522	9,609	9,604	9,583	9,516	9,549	9,607	9,700	9,763	9,651
16 to 19 years .....	3,053	3,016	2,963	3,052	3,031	3,117	3,047	2,993	3,013	3,055	3,152	3,147	3,078
16 to 17 years .....	1,099	1,117	1,092	1,096	1,083	1,125	1,103	1,092	1,109	1,131	1,099	1,119	1,120
18 to 19 years .....	1,957	1,898	1,877	1,957	1,951	1,959	1,942	1,910	1,909	1,941	2,064	2,033	1,956
20 to 24 years .....	6,447	6,453	6,405	6,470	6,578	6,487	6,536	6,523	6,536	6,552	6,548	6,617	6,573
25 years and over .....	33,913	34,065	34,153	34,360	34,590	34,852	35,002	35,058	35,195	35,285	35,234	35,549	35,716
25 to 54 years .....	28,129	28,363	28,412	28,632	28,844	29,103	29,150	29,203	29,363	29,422	29,485	29,694	29,861
55 years and over .....	5,747	5,717	5,758	5,718	5,743	5,763	5,869	5,865	5,823	5,877	5,744	5,820	5,839

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

(In thousands)

Sex and age	1983										1984		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over .....	11,419	11,369	11,188	11,162	10,600	10,633	10,353	9,896	9,429	9,195	9,026	8,801	8,772
16 to 24 years .....	4,398	4,381	4,330	4,322	4,096	4,197	3,994	3,899	3,692	3,564	3,537	3,410	3,467
16 to 19 years .....	1,933	1,907	1,857	1,973	1,859	1,885	1,776	1,721	1,618	1,622	1,543	1,553	1,608
16 to 17 years .....	786	798	788	798	767	767	731	712	653	700	649	663	712
18 to 19 years .....	1,157	1,106	1,066	1,176	1,071	1,107	1,046	1,020	972	947	878	881	904
20 to 24 years .....	2,465	2,474	2,473	2,349	2,237	2,312	2,218	2,178	2,074	1,942	1,994	1,857	1,859
25 years and over .....	6,999	6,956	6,898	6,871	6,486	6,424	6,370	6,002	5,728	5,659	5,474	5,405	5,279
25 to 54 years .....	6,209	6,106	6,106	5,990	5,707	5,668	5,610	5,259	5,007	4,938	4,789	4,742	4,647
55 years and over .....	807	825	798	825	798	765	785	753	741	742	700	636	643
Men, 16 years and over .....	6,673	6,722	6,604	6,409	6,248	6,200	6,049	5,759	5,457	5,258	5,149	4,946	4,867
16 to 24 years .....	2,486	2,501	2,505	2,448	2,397	2,408	2,271	2,209	2,042	1,998	1,971	1,857	1,869
16 to 19 years .....	1,078	1,040	1,021	1,057	1,031	1,050	984	950	861	866	849	818	847
16 to 17 years .....	431	432	435	429	451	423	383	374	344	372	336	337	376
18 to 19 years .....	649	610	591	635	568	619	605	579	524	501	501	469	472
20 to 24 years .....	1,408	1,461	1,484	1,391	1,366	1,358	1,287	1,259	1,181	1,132	1,122	1,039	1,022
25 years and over .....	4,178	4,213	4,124	3,962	3,826	3,791	3,794	3,552	3,417	3,283	3,154	3,089	2,988
25 to 54 years .....	3,656	3,646	3,602	3,465	3,337	3,311	3,315	3,074	2,935	2,799	2,743	2,686	2,569
55 years and over .....	518	549	516	492	489	482	507	482	490	481	431	396	408
Women, 16 years and over .....	4,746	4,647	4,584	4,753	4,352	4,433	4,304	4,137	3,972	3,937	3,876	3,855	3,905
16 to 24 years .....	1,912	1,880	1,825	1,874	1,699	1,789	1,723	1,690	1,650	1,566	1,566	1,552	1,598
16 to 19 years .....	855	867	836	916	828	835	792	771	757	756	694	735	761
16 to 17 years .....	355	366	353	369	316	344	348	338	309	328	313	326	336
18 to 19 years .....	508	496	475	541	503	488	441	441	448	446	377	412	432
20 to 24 years .....	1,057	1,013	989	958	871	954	931	919	893	810	872	817	837
25 years and over .....	2,821	2,743	2,774	2,909	2,660	2,633	2,576	2,450	2,311	2,376	2,320	2,316	2,291
25 to 54 years .....	2,553	2,460	2,504	2,525	2,370	2,357	2,295	2,185	2,072	2,139	2,046	2,057	2,078
55 years and over .....	289	276	282	333	309	283	278	271	251	261	269	240	235

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Civilian workers)

Sex and age	1983										1984		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over .....	10.3	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2	8.0	7.8	7.8
16 to 24 years .....	18.2	18.1	18.0	17.6	18.8	17.2	16.5	16.3	15.4	14.9	14.8	14.2	14.4
16 to 19 years .....	23.6	23.4	23.0	23.6	22.7	22.8	21.8	21.6	20.2	20.1	19.4	19.3	19.9
16 to 17 years .....	25.4	25.8	25.6	25.6	25.1	24.8	24.0	24.0	21.9	22.9	21.9	22.1	23.1
18 to 19 years .....	22.6	21.9	21.3	22.3	20.8	21.6	20.5	20.3	19.3	18.8	17.6	17.5	18.1
20 to 24 years .....	15.4	15.4	15.5	14.5	13.9	14.4	13.8	13.6	13.0	12.2	12.5	11.6	11.6
25 years and over .....	8.1	8.0	7.9	7.9	7.4	7.3	7.2	6.8	6.5	6.4	6.2	6.1	5.9
25 to 54 years .....	8.7	8.5	8.5	8.3	7.9	7.8	7.7	7.2	6.9	6.8	6.5	6.4	6.3
55 years and over .....	5.4	5.5	5.3	5.5	5.3	5.1	5.2	5.0	4.9	4.9	4.7	4.3	4.3
Men, 16 years and over .....	10.7	10.7	10.5	10.1	9.9	9.8	9.6	9.1	8.6	8.3	8.1	7.8	7.7
16 to 24 years .....	19.4	19.5	19.5	18.6	18.4	18.6	17.6	17.3	15.9	15.6	15.6	14.6	14.6
16 to 19 years .....	25.1	24.4	23.9	24.0	23.8	24.3	22.8	22.5	20.2	20.4	20.8	19.7	20.0
16 to 17 years .....	26.3	26.9	26.7	26.0	27.3	26.0	23.9	24.3	22.0	23.3	21.6	21.6	23.0
18 to 19 years .....	24.4	22.9	22.3	22.8	21.2	23.2	22.2	21.6	19.6	18.9	19.6	18.1	18.2
20 to 24 years .....	16.6	17.0	17.3	15.9	15.8	15.7	15.0	14.7	13.8	13.3	13.1	12.1	11.9
25 years and over .....	8.4	8.4	8.2	7.9	7.6	7.5	7.5	7.0	6.8	6.5	6.2	6.1	5.9
25 to 54 years .....	9.0	8.9	8.8	8.4	8.1	8.0	8.0	7.4	7.1	6.7	6.6	6.4	6.1
55 years and over .....	5.8	6.1	5.8	5.5	5.5	5.4	5.6	5.4	5.4	5.4	4.8	4.5	4.6
Women, 16 years and over .....	9.9	9.6	9.5	9.8	9.0	9.1	8.8	8.5	8.2	8.1	7.9	7.8	7.9
16 to 24 years .....	16.8	16.6	16.3	16.4	15.0	15.7	15.2	15.1	14.7	14.0	13.9	13.7	14.2
16 to 19 years .....	21.9	22.3	22.0	23.1	21.5	21.1	20.6	20.5	20.1	19.8	18.0	18.9	19.8
16 to 17 years .....	24.4	24.7	24.4	25.2	22.6	23.4	24.0	23.6	21.8	22.5	22.2	22.6	23.1
18 to 19 years .....	20.6	20.7	20.2	21.7	20.5	19.9	18.5	18.8	19.0	18.7	15.4	16.9	18.1
20 to 24 years .....	14.1	13.6	13.4	12.9	11.7	12.8	12.5	12.3	12.0	11.0	11.7	11.0	11.3
25 years and over .....	7.7	7.5	7.5	7.8	7.1	7.0	6.9	6.5	6.2	6.3	6.2	6.1	6.0
25 to 54 years .....	8.3	8.0	8.1	8.1	7.6	7.5	7.3	7.0	6.6	6.8	6.5	6.5	6.5
55 years and over .....	4.8	4.6	4.7	5.5	5.1	4.7	4.5	4.4	4.1	4.3	4.5	4.0	3.9

**A-39. Selected unemployment indicators, seasonally adjusted**

(Unemployment rates)

Category	1983										1984		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>CHARACTERISTIC</b>													
Total (all civilian workers) .....	10.3	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2	8.0	7.8	7.8
Men, 20 years and over .....	9.6	9.7	9.5	9.1	8.8	8.7	8.6	8.2	7.8	7.4	7.3	7.0	6.8
Women, 20 years and over .....	8.8	8.5	8.5	8.6	7.9	8.0	7.8	7.5	7.2	7.1	7.1	6.9	6.9
Both sexes, 16 to 19 years .....	23.6	23.4	23.0	23.6	22.7	22.8	21.8	21.6	20.2	20.1	19.4	19.3	19.9
White .....	9.1	8.9	8.8	8.6	8.2	8.2	8.0	7.7	7.3	7.1	6.9	6.7	6.7
Black and other .....	18.6	18.7	18.5	18.6	17.9	17.9	17.3	16.7	16.1	16.3	15.6	14.9	15.1
Black .....	20.1	20.7	20.3	20.3	19.6	19.8	18.9	18.3	17.7	17.8	16.7	16.2	16.6
Hispanic origin .....	15.7	14.6	13.9	14.0	12.3	12.9	13.1	12.4	12.3	11.6	11.2	10.2	11.3
Married men, spouse present .....	7.1	7.1	7.0	6.7	6.2	6.3	6.1	5.7	5.5	5.2	5.0	4.9	4.7
Married women, spouse present .....	7.5	7.4	7.4	7.6	7.0	6.9	6.8	6.3	6.0	6.1	6.0	5.9	5.8
Women who maintain families .....	13.3	13.0	12.7	12.5	11.8	11.8	12.0	11.4	10.5	10.9	10.7	11.0	11.0
Full-time workers .....	10.2	10.2	10.0	9.7	9.4	9.3	9.1	8.7	8.2	8.0	7.8	7.5	7.5
Part-time workers .....	10.6	10.5	10.9	11.8	10.2	10.2	10.1	10.0	9.8	9.8	9.2	9.3	9.2
Unemployed 15 weeks and over <sup>1</sup> .....	4.1	4.0	4.1	4.0	3.9	3.6	3.5	3.3	3.1	3.0	2.9	2.6	2.5
Labor force time lost <sup>2</sup> .....	11.7	11.5	11.5	11.1	10.7	10.7	10.5	10.0	9.7	9.4	9.2	8.9	8.8
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	10.7	10.5	10.4	10.1	9.7	9.8	9.4	9.0	8.6	8.3	7.9	7.8	7.6
Mining .....	19.2	20.3	20.8	17.9	16.6	14.9	16.9	12.1	12.8	12.4	10.9	12.2	11.2
Construction .....	20.2	20.0	20.0	18.4	18.0	17.9	18.1	15.8	15.6	16.3	15.0	15.1	13.3
Manufacturing .....	12.8	12.5	12.3	11.6	10.7	11.2	10.2	9.6	8.9	8.3	8.4	7.5	7.5
Durable goods .....	14.3	13.7	13.5	12.5	11.4	11.7	10.9	10.2	9.0	8.3	8.0	7.3	7.8
Nondurable goods .....	10.8	10.8	10.6	10.2	9.7	10.5	9.3	8.7	8.7	8.2	8.9	7.8	7.2
Transportation and public utilities .....	7.6	7.7	7.3	7.8	7.3	7.7	7.4	7.2	6.7	6.5	5.1	5.9	5.0
Wholesale and retail trade .....	10.9	10.4	10.2	10.2	9.8	9.8	9.5	9.8	9.1	8.8	8.4	8.3	8.3
Finance and service industries .....	7.3	7.3	7.5	7.2	7.3	7.2	7.0	6.9	6.7	6.6	6.3	6.3	6.4
Agricultural wage and salary workers .....	15.9	16.8	16.8	16.5	15.0	15.1	16.5	16.2	15.7	15.6	15.5	14.0	14.6

<sup>1</sup> Unemployment as a percent of the civilian labor force.

<sup>2</sup> 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		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>DURATION</b>													
Less than 5 weeks .....	3,535	3,595	3,568	3,630	3,529	3,633	3,740	3,504	3,328	3,382	3,233	3,359	3,386
5 to 14 weeks .....	3,173	3,139	3,012	2,950	2,841	2,951	2,784	2,725	2,616	2,504	2,556	2,484	2,539
15 weeks and over .....	4,587	4,396	4,510	4,486	4,398	4,078	3,889	3,655	3,527	3,369	3,201	2,984	2,873
15 to 26 weeks .....	1,861	1,691	1,774	1,593	1,794	1,597	1,383	1,372	1,337	1,284	1,166	1,173	1,114
27 weeks and over .....	2,726	2,705	2,736	2,893	2,604	2,481	2,506	2,283	2,190	2,085	2,035	1,810	1,759
Average (mean) duration, in weeks .....	19.2	19.2	20.2	21.4	21.3	19.9	20.2	20.1	20.2	19.6	20.5	18.8	18.8
Median duration, in weeks .....	10.4	10.8	11.9	10.6	10.1	9.4	9.4	9.5	9.4	9.0	9.2	8.3	8.3
<b>PERCENT DISTRIBUTION</b>													
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 .....	31.3	32.3	32.2	32.8	32.8	34.1	35.9	35.5	35.1	36.5	36.0	38.1	38.5
5 to 14 weeks .....	28.1	28.2	27.2	26.7	26.4	27.7	26.7	27.6	27.6	27.1	28.4	28.1	28.9
15 weeks and over .....	40.6	39.5	40.7	40.5	40.8	38.2	37.3	37.0	37.2	36.4	35.6	33.8	32.7
15 to 26 weeks .....	16.5	15.2	16.0	14.4	16.7	15.0	13.3	13.9	14.1	13.9	13.0	13.3	12.7
27 weeks and over .....	24.1	24.3	24.7	26.1	24.2	23.3	24.1	23.1	23.1	22.5	22.6	20.5	20.0

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

(Numbers in thousands)

Reasons for unemployment	1983										1984		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	6,848	6,767	6,753	6,525	6,235	6,133	5,936	5,601	5,226	5,017	4,825	4,737	4,614
On layoff .....	2,005	1,979	1,958	1,841	1,735	1,660	1,562	1,392	1,321	1,283	1,238	1,272	1,254
Other job losers .....	4,843	4,788	4,795	4,684	4,500	4,473	4,376	4,209	3,905	3,734	3,586	3,465	3,360
Job leavers .....	888	816	808	799	752	799	858	866	868	855	809	772	756
Reentrants .....	2,460	2,491	2,404	2,436	2,415	2,479	2,362	2,322	2,250	2,246	2,192	2,153	2,208
New entrants .....	1,182	1,251	1,246	1,412	1,229	1,214	1,234	1,127	1,154	1,150	1,175	1,092	1,213
<b>PERCENT DISTRIBUTION</b>													
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 .....	60.2	59.8	60.2	58.4	58.6	57.7	57.1	56.5	55.0	54.1	53.6	54.1	52.5
On layoff .....	17.6	17.5	17.5	16.5	16.3	15.6	15.0	14.0	13.9	13.8	13.7	14.5	14.3
Other job losers .....	42.6	42.3	42.8	41.9	42.3	42.1	42.1	42.4	41.1	40.3	39.9	39.6	38.2
Job leavers .....	7.8	7.2	7.2	7.2	7.1	7.5	8.3	8.7	9.1	9.2	9.0	8.8	8.6
Reentrants .....	21.6	22.0	21.4	21.8	22.7	23.3	22.7	23.4	23.7	24.2	24.4	24.6	25.1
New entrants .....	10.4	11.0	11.1	12.6	11.6	11.4	11.9	11.4	12.1	12.4	13.1	12.5	13.8
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	6.2	6.1	6.1	5.8	5.6	5.5	5.3	5.0	4.7	4.5	4.3	4.2	4.1
On layoff .....	.8	.7	.7	.7	.7	.7	.8	.8	.8	.8	.7	.7	.7
Reentrants .....	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	2.0
New entrants .....	1.1	1.1	1.1	1.3	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1

**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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>TOTAL</b>													
Noninstitutional population <sup>1</sup> .....	170,912	171,467	172,071	172,649	173,161	173,686	174,200	174,710	175,170	175,626	176,129	176,639	177,364
Labor force <sup>1</sup> .....	109,929	110,499	110,167	110,668	111,078	111,858	112,195	112,493	112,365	112,946	113,737	113,702	114,292
Percent of population <sup>2</sup> .....	64.3	64.4	64.0	64.1	64.1	64.4	64.4	64.4	64.1	64.3	64.6	64.4	64.4
Total employed <sup>1</sup> .....	101,892	102,480	102,110	101,680	101,413	101,476	101,171	100,718	100,879	101,706	103,209	104,195	105,426
Employment-population ratio <sup>3</sup> .....	59.6	59.8	59.3	58.9	58.6	58.4	58.1	57.8	57.6	57.9	58.6	59.0	59.4
Resident Armed Forces .....	1,633	1,630	1,658	1,659	1,664	1,666	1,678	1,684	1,665	1,669	1,680	1,689	1,685
Civilian employed .....	100,259	100,850	100,452	100,021	99,749	99,810	99,493	99,054	99,214	100,037	101,528	102,506	103,740
Agriculture .....	3,381	3,417	3,342	3,345	3,384	3,389	3,388	3,457	3,407	3,415	3,419	3,284	3,316
Nonagricultural industries .....	96,878	97,432	97,110	96,677	96,365	96,421	96,105	95,597	95,807	96,622	98,110	99,221	100,424
Unemployed .....	8,037	8,019	8,057	8,988	9,665	10,382	11,024	11,775	11,486	11,240	10,529	9,507	8,866
Unemployment rate <sup>4</sup> .....	7.3	7.3	7.3	8.1	8.7	9.3	9.8	10.5	10.2	10.0	9.3	8.4	7.8
Not in labor force .....	60,983	60,968	61,904	61,981	62,083	61,828	62,005	62,217	62,805	62,680	62,392	62,938	63,072
<b>Men</b>													
Noninstitutional population <sup>1</sup> .....	81,614	81,874	82,163	82,442	82,678	82,926	83,167	83,435	83,720	83,934	84,178	84,424	84,812
Labor force <sup>1</sup> .....	63,425	63,562	63,400	63,560	63,725	63,991	64,038	64,284	64,063	64,479	64,841	64,798	65,060
Percent of population <sup>2</sup> .....	77.7	77.6	77.2	77.1	77.1	77.2	77.0	77.0	76.5	76.8	77.0	76.8	76.7
Total employed <sup>1</sup> .....	58,963	59,150	59,008	58,511	58,202	58,033	57,605	57,357	57,359	57,901	58,676	59,306	60,073
Employment-population ratio <sup>3</sup> .....	72.2	72.2	71.8	71.0	70.4	70.0	69.3	68.7	68.5	69.0	69.7	70.2	70.8
Resident Armed Forces .....	1,503	1,499	1,521	1,525	1,528	1,527	1,538	1,523	1,529	1,528	1,536	1,538	1,541
Civilian employed .....	57,460	57,651	57,487	56,986	56,676	56,506	56,067	55,834	55,830	56,373	57,140	57,768	58,531
Unemployed .....	4,462	4,412	4,392	5,050	5,522	5,958	6,434	6,927	6,704	6,578	6,166	5,491	4,987
Unemployment rate <sup>4</sup> .....	7.0	6.9	6.9	7.9	8.7	9.3	10.0	10.8	10.5	10.2	9.5	8.5	7.7
Not in labor force .....	18,189	18,312	18,763	18,882	18,953	18,935	19,129	19,151	19,657	19,455	19,337	19,626	19,752
<b>Women</b>													
Noninstitutional population <sup>1</sup> .....	89,298	89,593	89,908	90,207	90,482	90,759	91,033	91,274	91,450	91,893	91,952	92,215	92,552
Labor force <sup>1</sup> .....	46,505	46,937	46,767	47,108	47,352	47,866	48,157	48,209	48,302	48,467	48,896	48,904	49,232
Percent of population <sup>2</sup> .....	52.1	52.4	52.0	52.2	52.3	52.7	52.9	52.8	52.9	52.9	53.2	53.0	53.2
Total employed <sup>1</sup> .....	42,930	43,330	43,102	43,170	43,209	43,442	43,566	43,361	43,520	43,806	44,533	44,889	45,353
Employment-population ratio <sup>3</sup> .....	48.1	48.4	47.9	47.9	47.8	47.9	47.9	47.5	47.6	47.8	48.4	48.7	49.0
Resident Armed Forces .....	131	131	137	134	137	138	140	141	136	142	144	151	144
Civilian employed .....	42,799	43,199	42,965	43,036	43,072	43,304	43,426	43,220	43,384	43,664	44,389	44,737	45,209
Unemployed .....	3,575	3,607	3,665	3,938	4,143	4,424	4,591	4,848	4,782	4,661	4,363	4,015	3,879
Unemployment rate <sup>4</sup> .....	7.7	7.7	7.8	8.4	8.7	9.2	9.5	10.1	9.9	9.6	8.9	8.2	7.9
Not in labor force .....	42,793	42,656	43,141	43,099	43,130	42,893	42,876	43,065	43,148	43,226	43,056	43,311	43,320

<sup>1</sup> Includes members of the Armed Forces stationed in the United States.

<sup>2</sup> Labor force as a percent of the noninstitutional population.

<sup>3</sup> Total employment as a percent of the noninstitutional population.

<sup>4</sup> 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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	169,279	169,837	170,413	170,990	171,497	172,020	172,522	173,046	173,505	173,957	174,449	174,950	175,679
Civilian labor force .....	108,296	108,869	108,509	109,009	109,414	110,192	110,517	110,829	110,700	111,277	112,057	112,012	112,607
Percent of population .....	64.0	64.1	63.7	63.8	63.8	64.1	64.1	64.0	63.8	64.0	64.2	64.0	64.1
Employed .....	100,259	100,850	100,452	100,021	99,749	99,810	99,493	99,054	99,214	100,037	101,528	102,506	103,740
Employment-population ratio <sup>2</sup> .....	59.2	59.4	58.9	58.5	58.2	58.0	57.7	57.2	57.2	57.5	56.2	56.8	59.1
Unemployed .....	8,037	8,019	8,057	8,988	9,665	10,382	11,024	11,775	11,486	11,240	10,529	9,507	8,866
Unemployment rate .....	7.4	7.4	7.4	8.2	8.8	9.4	10.0	10.6	10.4	10.1	9.4	8.5	7.9
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	71,946	72,251	72,567	72,912	73,205	73,492	73,775	74,105	74,434	74,712	75,018	75,325	75,786
Civilian labor force .....	56,981	57,248	57,192	57,364	57,608	57,963	58,130	58,335	58,208	58,634	58,983	59,017	59,360
Percent of population .....	79.2	79.2	78.8	78.7	78.7	78.8	78.8	78.7	78.2	78.5	78.6	78.4	78.3
Employed .....	53,510	53,787	53,709	53,309	53,136	53,091	52,791	52,537	52,563	53,095	53,839	54,418	55,211
Employment-population ratio <sup>2</sup> .....	74.4	74.4	74.0	73.1	72.6	72.2	71.6	70.9	70.6	71.1	71.8	72.2	72.9
Agriculture .....	2,379	2,402	2,372	2,382	2,399	2,426	2,422	2,440	2,421	2,453	2,476	2,362	2,376
Nonagricultural industries .....	51,131	51,385	51,338	50,927	50,737	50,665	50,369	50,097	50,142	50,642	51,363	52,056	52,834
Unemployed .....	3,471	3,461	3,482	4,055	4,472	4,873	5,338	5,798	5,645	5,539	5,144	4,599	4,149
Unemployment rate .....	6.1	6.0	6.1	7.1	7.8	8.4	9.2	9.9	9.7	9.4	8.7	7.8	7.0
Not in labor force .....	14,965	15,003	15,375	15,548	15,597	15,529	15,645	15,770	16,226	16,078	16,035	16,308	16,426
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	80,966	81,312	81,675	82,036	82,368	82,703	83,037	83,346	83,594	83,900	84,227	84,554	84,962
Civilian labor force .....	42,048	42,536	42,455	42,894	43,141	43,662	43,949	44,053	44,247	44,442	44,868	44,971	45,232
Percent of population .....	51.9	52.3	52.0	52.3	52.4	52.8	52.9	52.9	52.9	53.0	53.3	53.2	53.2
Employed .....	39,264	39,717	39,568	39,798	39,889	40,099	40,268	40,108	40,313	40,654	41,324	41,717	42,084
Employment-population ratio <sup>2</sup> .....	48.5	48.8	48.4	48.5	48.4	48.5	48.5	48.1	48.2	48.5	49.1	49.3	49.5
Agriculture .....	600	596	609	612	613	601	596	599	630	620	607	629	613
Nonagricultural industries .....	38,664	39,121	38,959	39,186	39,256	39,497	39,671	39,509	39,683	40,034	40,717	41,088	41,471
Unemployed .....	2,783	2,819	2,887	3,095	3,272	3,563	3,681	3,945	3,934	3,788	3,545	3,254	3,149
Unemployment rate .....	6.6	6.6	6.8	7.2	7.6	8.2	8.4	9.0	8.9	8.5	7.9	7.2	7.0
Not in labor force .....	38,918	38,776	39,220	39,142	39,227	39,041	39,088	39,293	39,347	39,458	39,359	39,583	39,730
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	16,367	16,275	16,171	16,042	15,923	15,825	15,709	15,595	15,477	15,345	15,205	15,071	14,931
Civilian labor force .....	9,267	9,085	8,862	8,751	8,665	8,567	8,439	8,441	8,245	8,201	8,206	8,024	8,014
Percent of population .....	56.6	55.8	54.8	54.6	54.4	54.1	53.7	54.1	53.3	53.4	54.0	53.2	53.7
Employed .....	7,484	7,346	7,175	6,914	6,743	6,621	6,434	6,409	6,338	6,288	6,366	6,370	6,446
Employment-population ratio <sup>2</sup> .....	45.7	45.1	44.4	43.1	42.3	41.8	41.0	41.1	41.0	41.0	41.9	42.3	43.2
Agriculture .....	402	419	362	351	371	362	369	418	356	342	336	293	327
Nonagricultural industries .....	7,082	6,927	6,813	6,563	6,372	6,259	6,064	5,991	5,982	5,946	6,030	6,077	6,119
Unemployed .....	1,783	1,739	1,688	1,838	1,922	1,946	2,005	2,032	1,907	1,912	1,840	1,654	1,568
Unemployment rate .....	19.2	19.1	19.0	21.0	22.2	22.7	23.8	24.1	23.1	23.3	22.4	20.6	19.6
Not in labor force .....	7,100	7,190	7,309	7,291	7,258	7,258	7,270	7,154	7,232	7,144	6,999	7,047	6,917

<sup>1</sup> The population figures are not adjusted for seasonal variation.

population.

<sup>2</sup> 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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	147,148	147,671	148,164	148,650	148,943	149,309	149,586	149,927	150,233	150,666	150,994	151,327	152,101
Civilian labor force .....	94,741	95,229	94,911	95,310	95,594	96,237	96,354	96,521	96,263	96,719	97,420	97,541	98,135
Percent of population .....	64.4	64.5	64.1	64.1	64.2	64.5	64.4	64.4	64.1	64.2	64.5	64.5	64.5
Employed .....	88,510	89,080	88,815	88,403	88,150	88,239	87,840	87,368	87,459	88,231	89,485	90,353	91,478
Employment-population ratio <sup>2</sup> .....	60.2	60.3	59.9	59.5	59.2	59.1	58.7	58.3	58.2	58.8	59.3	59.7	60.1
Unemployed .....	6,232	6,149	6,096	6,907	7,445	7,998	8,514	9,153	8,804	8,488	7,935	7,187	6,657
Unemployment rate .....	6.6	6.5	6.4	7.2	7.8	8.3	8.8	9.5	9.1	8.8	8.1	7.4	6.8
<b>Men, 20 years and over</b>													
Civilian labor force .....	50,486	50,732	50,655	50,805	50,970	51,215	51,315	51,434	51,243	51,620	51,887	51,995	52,334
Percent of population .....	79.8	79.8	79.3	79.2	79.2	79.3	79.2	79.2	78.6	78.8	79.0	78.9	78.8
Employed .....	47,729	48,035	47,978	47,627	47,486	47,404	47,102	46,839	46,836	47,340	47,895	48,377	49,152
Employment-population ratio <sup>2</sup> .....	75.4	75.6	75.1	74.2	73.8	73.4	72.7	72.1	71.8	72.2	72.9	73.4	74.0
Unemployed .....	2,757	2,697	2,677	3,178	3,484	3,810	4,213	4,595	4,407	4,280	3,992	3,618	3,182
Unemployment rate .....	5.5	5.3	5.3	6.3	6.8	7.4	8.2	8.9	8.6	8.3	7.7	7.0	6.1
<b>Women, 20 years and over</b>													
Civilian labor force .....	36,058	36,477	36,373	36,752	36,979	37,420	37,614	37,684	37,722	37,909	38,328	38,494	38,701
Percent of population .....	51.3	51.7	51.4	51.7	51.8	52.3	52.4	52.3	52.2	52.3	52.7	52.7	52.7
Employed .....	33,971	34,386	34,270	34,460	34,516	34,752	34,850	34,711	34,821	35,147	35,756	36,162	36,405
Employment-population ratio <sup>2</sup> .....	48.4	48.8	48.4	48.4	48.4	48.5	48.5	48.2	48.2	48.5	49.2	49.5	49.6
Unemployed .....	2,087	2,091	2,104	2,293	2,463	2,668	2,764	2,973	2,901	2,762	2,572	2,333	2,296
Unemployment rate .....	5.8	5.7	5.8	6.2	6.7	7.1	7.3	7.9	7.7	7.3	6.7	6.1	5.9
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	8,198	8,019	7,883	7,753	7,645	7,602	7,425	7,403	7,299	7,190	7,205	7,051	7,099
Percent of population .....	60.0	59.1	58.5	58.0	57.8	57.9	57.0	57.3	56.9	56.6	57.4	56.7	57.6
Employed .....	6,809	6,659	6,568	6,316	6,148	6,083	5,888	5,818	5,802	5,745	5,834	5,815	5,921
Employment-population ratio <sup>2</sup> .....	49.9	49.0	48.8	47.3	46.5	46.3	45.2	45.0	45.3	45.2	46.5	46.8	48.1
Unemployed .....	1,388	1,360	1,315	1,437	1,497	1,520	1,537	1,585	1,497	1,445	1,371	1,236	1,178
Unemployment rate .....	16.9	17.0	16.7	18.5	19.6	20.0	20.7	21.4	20.5	20.1	19.0	17.5	16.6
Men .....	17.8	17.6	17.0	19.2	20.5	21.5	22.3	22.7	21.8	20.7	20.0	18.3	17.2
Women .....	15.9	16.3	16.4	17.8	18.5	18.4	19.0	20.0	19.1	19.4	18.0	16.7	16.0
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	18,076	18,171	18,268	18,363	18,450	18,541	18,628	18,719	18,796	18,881	18,968	19,057	19,222
Civilian labor force .....	11,005	11,098	11,026	11,219	11,222	11,247	11,372	11,498	11,559	11,671	11,728	11,613	11,803
Percent of population .....	60.9	61.1	60.4	61.1	60.8	60.7	61.0	61.4	61.5	61.8	61.8	60.9	61.4
Employed .....	9,387	9,430	9,286	9,315	9,257	9,180	9,188	9,133	9,226	9,287	9,452	9,531	9,854
Employment-population ratio <sup>2</sup> .....	51.9	51.9	50.8	50.7	50.2	49.5	49.3	48.8	49.1	49.2	49.8	50.0	51.3
Unemployed .....	1,618	1,668	1,739	1,904	1,965	2,067	2,185	2,364	2,333	2,384	2,277	2,081	1,949
Unemployment rate .....	14.7	15.0	15.8	17.0	17.5	18.4	19.2	20.6	20.2	20.4	19.4	17.9	16.5
<b>Men, 20 years and over</b>													
Civilian labor force .....	5,171	5,222	5,221	5,286	5,307	5,343	5,368	5,466	5,461	5,533	5,577	5,545	5,653
Percent of population .....	74.5	74.8	74.3	74.7	74.5	74.6	74.5	75.4	74.9	75.4	75.5	74.6	75.1
Employed .....	4,549	4,548	4,511	4,471	4,438	4,441	4,402	4,376	4,407	4,457	4,578	4,677	4,818
Employment-population ratio <sup>2</sup> .....	65.5	65.1	64.2	63.2	62.3	62.0	61.1	60.4	60.5	60.8	62.0	62.9	64.0
Unemployed .....	622	673	709	816	868	901	966	1,090	1,054	1,075	998	868	834
Unemployment rate .....	12.0	12.9	13.6	15.4	16.4	16.9	18.0	19.9	19.3	19.4	17.9	15.7	14.8
<b>Women, 20 years and over</b>													
Civilian labor force .....	4,934	4,991	4,994	5,083	5,089	5,119	5,173	5,200	5,309	5,301	5,329	5,283	5,370
Percent of population .....	55.8	56.1	55.8	56.4	55.9	56.1	56.4	56.4	57.3	56.9	56.9	56.1	56.5
Employed .....	4,302	4,341	4,304	4,370	4,353	4,341	4,360	4,332	4,395	4,404	4,464	4,449	4,614
Employment-population ratio <sup>2</sup> .....	48.7	48.8	48.1	48.5	48.0	47.6	47.5	47.0	47.5	47.3	47.7	47.2	48.5
Unemployed .....	633	650	690	713	716	777	813	868	914	898	865	834	756
Unemployment rate .....	12.8	13.0	13.8	14.0	14.1	15.2	15.7	16.7	17.2	16.9	16.2	15.8	14.1

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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	900	885	811	850	846	786	831	831	789	837	823	785	780
Percent of population .....	39.2	38.6	35.5	37.3	37.4	34.8	37.0	37.0	35.1	37.5	37.1	35.6	35.7
Employed .....	536	540	471	475	466	397	425	425	424	426	409	406	421
Employment-population ratio <sup>2</sup> .....	23.4	23.5	20.6	20.9	20.6	17.6	18.9	18.9	18.9	19.1	18.4	18.4	19.3
Unemployed .....	363	345	340	375	380	388	406	406	365	411	414	379	359
Unemployment rate .....	40.4	39.0	41.9	44.1	44.9	49.4	48.8	48.9	46.2	49.1	50.3	48.3	46.0
Men .....	40.2	39.3	41.9	41.3	44.2	51.0	48.5	51.7	47.3	50.5	51.5	45.6	46.0
Women .....	40.5	38.6	42.0	47.2	45.7	47.6	49.2	45.7	45.0	47.6	48.8	51.4	46.0
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	9,113	9,199	9,383	9,545	9,346	9,320	9,558	9,377	9,416	9,717	9,677	9,719	9,921
Civilian labor force .....	5,931	5,914	5,922	6,124	6,045	5,945	5,990	5,968	6,019	6,167	6,146	6,221	6,371
Percent of population .....	65.1	64.3	63.1	64.2	64.7	63.8	62.7	63.6	63.9	63.5	63.5	64.0	64.2
Employed .....	5,285	5,329	5,339	5,440	5,310	5,150	5,125	5,052	5,083	5,293	5,360	5,467	5,677
Employment-population ratio <sup>2</sup> .....	58.0	57.9	56.9	57.0	56.8	55.3	53.6	53.9	54.0	54.5	55.4	56.3	57.2
Unemployed .....	646	585	583	684	735	796	866	916	936	874	785	754	694
Unemployment rate .....	10.9	9.9	9.8	11.2	12.2	13.4	14.5	15.3	15.6	14.2	12.8	12.1	10.9

<sup>1</sup> The population figures are not adjusted for seasonal variation.

<sup>2</sup> 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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>FULL TIME</b>													
<b>Total:</b>													
Civilian labor force .....	92,493	92,902	92,844	93,446	93,630	94,195	94,485	94,995	95,002	95,620	96,026	96,141	96,829
Employed <sup>1</sup> .....	85,912	86,335	86,288	85,952	85,582	85,442	85,186	84,930	85,195	86,096	87,127	88,182	89,457
Unemployed .....	6,580	6,567	6,556	7,494	8,048	8,753	9,299	10,064	9,807	9,524	8,899	7,959	7,372
Unemployment rate .....	7.1	7.1	7.1	8.0	8.6	9.3	9.8	10.6	10.3	10.0	9.3	8.3	7.6
<b>Men, 20 years and over:</b>													
Civilian labor force .....	54,057	54,397	54,291	54,496	54,626	54,954	55,054	55,305	55,073	55,594	55,865	55,869	56,261
Employed <sup>1</sup> .....	50,805	51,132	51,048	50,665	50,413	50,330	49,989	49,758	49,723	50,333	50,999	51,523	52,370
Unemployed .....	3,251	3,265	3,243	3,831	4,213	4,624	5,065	5,547	5,350	5,261	4,867	4,346	3,891
Unemployment rate .....	6.0	6.0	6.0	7.0	7.7	8.4	9.2	10.0	9.7	9.5	8.7	7.8	6.9
<b>Women, 20 years and over:</b>													
Civilian labor force .....	33,572	33,778	33,844	34,310	34,434	34,886	35,108	35,262	35,601	35,721	35,989	36,090	36,473
Employed <sup>1</sup> .....	31,252	31,475	31,487	31,712	31,716	31,898	32,041	31,932	32,271	32,541	33,007	33,417	33,846
Unemployed .....	2,320	2,304	2,357	2,598	2,718	2,988	3,067	3,331	3,330	3,180	2,982	2,673	2,627
Unemployment rate .....	6.9	6.8	7.0	7.6	7.9	8.6	8.7	9.4	9.4	8.9	8.3	7.4	7.2
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	4,864	4,727	4,709	4,640	4,570	4,355	4,322	4,428	4,328	4,305	4,171	4,183	4,095
Employed <sup>1</sup> .....	3,855	3,729	3,753	3,575	3,454	3,215	3,156	3,241	3,201	3,221	3,121	3,243	3,241
Unemployed .....	1,009	998	956	1,065	1,117	1,140	1,166	1,187	1,127	1,084	1,050	940	854
Unemployment rate .....	20.7	21.1	20.3	23.0	24.4	26.2	27.0	26.8	26.0	25.2	25.2	22.5	20.8
<b>PART TIME</b>													
<b>Total:</b>													
Civilian labor force .....	15,743	15,964	15,687	15,600	15,750	16,011	16,066	15,863	15,661	15,648	16,072	15,908	15,775
Employed <sup>1</sup> .....	14,310	14,491	14,189	14,089	14,163	14,366	14,337	14,122	14,020	13,917	14,441	14,342	14,319
Unemployed .....	1,433	1,472	1,498	1,510	1,586	1,645	1,729	1,742	1,640	1,731	1,631	1,567	1,457
Unemployment rate .....	9.1	9.2	9.5	9.7	10.1	10.3	10.8	11.0	10.5	11.1	10.2	9.8	9.2
<b>Men, 20 years and over:</b>													
Civilian labor force .....	2,905	2,874	2,876	2,886	2,966	3,026	3,080	3,050	3,102	3,053	3,120	3,158	3,085
Employed <sup>1</sup> .....	2,701	2,669	2,641	2,647	2,723	2,769	2,812	2,774	2,828	2,767	2,849	2,892	2,843
Unemployed .....	203	205	235	239	243	257	269	276	274	287	272	266	243
Unemployment rate .....	7.0	7.1	8.2	8.3	8.2	8.5	8.7	9.1	8.8	9.4	8.7	8.4	7.9
<b>Women, 20 years and over:</b>													
Civilian labor force .....	8,478	8,742	8,634	8,581	8,707	8,756	8,865	8,786	8,649	8,702	8,898	8,880	8,774
Employed <sup>1</sup> .....	8,013	8,224	8,099	8,089	8,157	8,182	8,237	8,176	8,049	8,093	8,323	8,304	8,259
Unemployed .....	465	518	536	493	550	574	628	610	600	609	575	575	515
Unemployment rate .....	5.5	5.9	6.2	5.7	6.3	6.6	7.1	6.9	6.9	7.0	6.5	6.5	5.9
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	4,360	4,348	4,176	4,133	4,077	4,229	4,121	4,027	3,910	3,892	4,054	3,871	3,916
Employed <sup>1</sup> .....	3,595	3,599	3,449	3,354	3,283	3,415	3,288	3,172	3,144	3,057	3,269	3,145	3,217
Unemployed .....	765	749	727	779	794	814	832	856	766	835	785	726	699
Unemployment rate .....	17.5	17.2	17.4	18.8	19.5	19.3	20.2	21.2	19.6	21.5	19.4	18.7	17.8

<sup>1</sup> 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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>CHARACTERISTIC</b>													
Total .....	100,259	100,850	100,452	100,021	99,749	99,810	99,493	99,054	99,214	100,037	101,528	102,506	103,740
Married men, spouse present .....	39,057	39,096	38,819	38,547	38,329	38,287	38,032	37,642	37,511	37,710	38,256	38,374	38,840
Married women, spouse present .....	23,900	24,091	23,868	23,811	23,866	24,148	24,145	24,055	24,177	24,360	24,815	25,050	25,133
Women who maintain families .....	4,910	5,042	4,977	5,061	5,102	5,091	5,170	5,033	5,046	4,996	5,097	5,221	5,361
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,440	1,510	1,460	1,440	1,423	1,477	1,517	1,592	1,597	1,597	1,610	1,499	1,506
Self-employed workers .....	1,648	1,645	1,632	1,628	1,646	1,658	1,622	1,619	1,578	1,581	1,551	1,552	1,601
Unpaid family workers .....	287	266	250	272	323	259	250	233	242	235	242	239	221
Nonagricultural industries:													
Wage and salary workers .....	89,360	89,999	89,649	89,152	88,801	88,733	88,442	87,879	87,953	88,773	90,154	91,044	92,280
Government .....	15,937	15,800	15,532	15,487	15,536	15,518	15,558	15,460	15,472	15,523	15,608	15,548	15,723
Private industries .....	73,423	74,199	74,117	73,665	73,265	73,216	72,884	72,419	72,481	73,250	74,546	75,496	76,556
Private households .....	1,219	1,212	1,177	1,230	1,215	1,204	1,203	1,210	1,212	1,251	1,275	1,245	1,190
Other industries .....	72,204	72,988	72,940	72,435	72,050	72,012	71,681	71,209	71,269	71,999	73,271	74,251	75,366
Self-employed workers .....	7,077	7,077	7,108	7,118	7,080	7,280	7,342	7,336	7,433	7,487	7,631	7,743	7,847
Unpaid family workers .....	394	358	394	415	419	406	395	381	357	350	359	443	340
<b>PERSONS AT WORK<sup>1</sup></b>													
Nonagricultural industries .....	91,415	91,515	91,474	91,166	90,606	91,067	90,482	90,124	90,484	91,405	92,467	93,760	94,919
Full-time schedules .....	74,531	74,612	74,507	73,731	72,951	72,673	71,952	71,412	71,834	73,196	74,003	75,416	76,652
Part time for economic reasons .....	4,250	4,193	4,508	5,076	5,322	5,744	5,983	6,385	6,403	5,976	5,864	5,761	5,738
Usually work full time .....	1,642	1,602	1,726	2,005	2,027	2,227	2,210	2,234	2,044	1,804	1,765	1,669	1,618
Usually work part time .....	2,608	2,591	2,782	3,071	3,295	3,517	3,773	4,151	4,359	4,172	4,100	4,092	4,120
Part time for noneconomic reasons .....	12,635	12,710	12,459	12,360	12,333	12,650	12,547	12,327	12,247	12,234	12,600	12,583	12,529

<sup>1</sup> 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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over .....	100,259	100,850	100,452	100,021	99,749	99,810	99,493	99,054	99,214	100,037	101,528	102,506	103,740
16 to 24 years .....	21,672	21,504	21,313	20,913	20,585	20,404	20,045	19,932	19,859	19,911	20,201	20,267	20,548
16 to 19 years .....	7,484	7,346	7,175	6,914	6,743	6,621	6,434	6,409	6,338	6,288	6,366	6,370	6,446
16 to 17 years .....	2,977	2,901	2,855	2,735	2,657	2,557	2,407	2,399	2,358	2,298	2,311	2,315	2,346
18 to 19 years .....	4,494	4,446	4,308	4,185	4,083	4,071	4,027	3,992	3,984	3,999	4,047	4,056	4,116
20 to 24 years .....	14,187	14,158	14,139	13,999	13,842	13,784	13,611	13,523	13,520	13,622	13,835	13,896	14,102
25 years and over .....	78,583	79,347	79,153	79,097	79,155	79,403	79,471	79,119	79,347	80,115	81,350	82,237	83,184
25 to 54 years .....	64,064	64,727	64,740	64,772	64,852	65,003	65,080	64,863	65,132	65,989	67,092	67,876	68,926
55 years and over .....	14,508	14,617	14,421	14,332	14,278	14,405	14,400	14,259	14,185	14,139	14,274	14,358	14,248
Men, 16 years and over .....	57,460	57,651	57,487	56,986	56,676	56,506	56,067	55,834	55,830	56,373	57,140	57,768	58,531
16 to 24 years .....	11,492	11,386	11,326	11,072	10,855	10,655	10,416	10,393	10,345	10,458	10,602	10,709	10,843
16 to 19 years .....	3,950	3,864	3,778	3,676	3,540	3,415	3,275	3,297	3,267	3,278	3,301	3,350	3,321
16 to 17 years .....	1,581	1,519	1,526	1,481	1,406	1,355	1,228	1,238	1,245	1,196	1,208	1,204	1,234
18 to 19 years .....	2,359	2,349	2,253	2,193	2,126	2,067	2,058	2,037	2,025	2,088	2,097	2,136	2,099
20 to 24 years .....	7,542	7,522	7,548	7,395	7,315	7,240	7,141	7,096	7,077	7,180	7,301	7,359	7,523
25 years and over .....	45,962	46,275	46,161	45,905	45,814	45,862	45,654	45,437	45,482	45,922	46,536	47,058	47,684
25 to 54 years .....	37,160	37,479	37,481	37,296	37,239	37,242	37,106	36,959	37,055	37,520	38,059	38,547	39,246
55 years and over .....	8,809	8,799	8,678	8,601	8,575	8,626	8,552	8,471	8,424	8,408	8,483	8,503	8,447
Women, 16 years and over .....	42,799	43,199	42,965	43,036	43,072	43,304	43,426	43,220	43,384	43,664	44,389	44,737	45,209
16 to 24 years .....	10,180	10,117	9,987	9,841	9,730	9,750	9,629	9,539	9,514	9,453	9,599	9,557	9,705
16 to 19 years .....	3,535	3,482	3,397	3,237	3,203	3,206	3,158	3,112	3,071	3,010	3,065	3,020	3,125
16 to 17 years .....	1,396	1,383	1,329	1,254	1,251	1,202	1,179	1,161	1,113	1,102	1,104	1,111	1,113
18 to 19 years .....	2,134	2,097	2,055	1,993	1,957	2,004	1,970	1,955	1,959	1,911	1,951	1,920	2,018
20 to 24 years .....	6,645	6,636	6,590	6,604	6,527	6,544	6,470	6,427	6,443	6,443	6,534	6,537	6,579
25 years and over .....	32,621	33,072	32,991	33,193	33,341	33,541	33,817	33,682	33,865	34,193	34,815	35,179	35,500
25 to 54 years .....	26,904	27,248	27,259	27,476	27,613	27,761	27,974	27,904	28,077	28,469	29,032	29,329	29,680
55 years and over .....	5,699	5,818	5,743	5,731	5,702	5,779	5,849	5,788	5,761	5,731	5,792	5,855	5,801

**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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over .....	8,037	8,019	8,057	8,988	9,665	10,382	11,024	11,775	11,486	11,240	10,529	9,507	8,866
16 to 24 years .....	3,682	3,724	3,622	3,930	4,148	4,290	4,435	4,624	4,449	4,344	4,096	3,718	3,471
16 to 19 years .....	1,783	1,739	1,688	1,838	1,922	1,946	2,005	2,032	1,907	1,912	1,840	1,654	1,568
16 to 17 years .....	821	796	736	771	797	813	844	870	770	795	755	688	675
18 to 19 years .....	959	946	943	1,076	1,122	1,133	1,152	1,175	1,132	1,116	1,075	980	888
20 to 24 years .....	1,899	1,985	1,934	2,093	2,226	2,344	2,430	2,592	2,542	2,432	2,256	2,065	1,903
25 years and over .....	4,361	4,300	4,427	5,057	5,518	6,104	6,582	7,155	7,031	6,908	6,427	5,796	5,386
25 to 54 years .....	3,823	3,787	3,886	4,476	4,860	5,338	5,804	6,315	6,216	6,067	5,662	5,068	4,726
55 years and over .....	540	502	545	584	657	748	793	848	813	816	783	745	660
Men, 16 years and over .....	4,462	4,412	4,392	5,050	5,522	5,958	6,434	6,927	6,704	6,578	6,166	5,491	4,987
16 to 24 years .....	2,098	2,106	2,002	2,222	2,361	2,450	2,533	2,665	2,534	2,485	2,359	2,083	1,899
16 to 19 years .....	991	951	910	995	1,050	1,086	1,095	1,129	1,059	1,039	1,022	892	838
16 to 17 years .....	456	449	400	418	443	463	473	495	418	432	419	363	350
18 to 19 years .....	532	507	505	580	602	627	617	639	635	612	597	535	481
20 to 24 years .....	1,106	1,155	1,092	1,227	1,311	1,364	1,438	1,536	1,475	1,445	1,337	1,191	1,061
25 years and over .....	2,368	2,313	2,387	2,828	3,159	3,518	3,898	4,269	4,160	4,100	3,804	3,417	3,077
25 to 54 years .....	2,059	2,007	2,078	2,481	2,757	3,065	3,426	3,722	3,641	3,571	3,321	2,936	2,666
55 years and over .....	305	299	315	349	400	442	482	547	519	519	493	484	412
Women, 16 years and over .....	3,575	3,607	3,665	3,938	4,143	4,424	4,591	4,848	4,782	4,661	4,363	4,015	3,879
16 to 24 years .....	1,584	1,619	1,620	1,709	1,787	1,840	1,902	1,959	1,914	1,860	1,737	1,635	1,572
16 to 19 years .....	792	788	778	843	871	861	910	903	848	873	818	761	730
16 to 17 years .....	365	346	336	353	354	350	371	375	353	363	336	325	325
18 to 19 years .....	427	439	438	496	520	506	534	536	497	504	477	445	407
20 to 24 years .....	793	831	842	866	915	979	992	1,056	1,067	987	919	874	842
25 years and over .....	1,994	1,987	2,040	2,229	2,360	2,586	2,684	2,886	2,871	2,809	2,623	2,379	2,309
25 to 54 years .....	1,763	1,780	1,809	1,995	2,103	2,273	2,379	2,593	2,574	2,496	2,341	2,132	2,060
55 years and over .....	235	204	229	235	257	306	311	301	294	297	290	261	248

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

(Civilian workers)

Sex and age	1981				1982				1983				1984
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over .....	7.4	7.4	7.4	8.2	8.8	9.4	10.0	10.6	10.4	10.1	9.4	8.5	7.9
16 to 24 years .....	14.5	14.8	14.5	15.8	16.8	17.4	18.1	18.8	18.3	17.9	16.9	15.5	14.5
16 to 19 years .....	19.2	19.1	19.0	21.0	22.2	22.7	23.8	24.1	23.1	23.3	22.4	20.6	19.6
16 to 17 years .....	21.6	21.5	20.5	22.0	23.1	24.1	26.0	26.6	24.6	25.7	24.6	22.9	22.3
18 to 19 years .....	17.6	17.5	18.0	20.5	21.6	21.8	22.2	22.7	22.1	21.8	21.0	19.5	17.7
20 to 24 years .....	11.8	12.3	12.0	13.0	13.9	14.5	15.1	16.1	15.8	15.1	14.0	12.9	11.9
25 years and over .....	5.3	5.1	5.3	6.0	6.5	7.1	7.6	8.3	8.1	7.9	7.3	6.6	6.1
25 to 54 years .....	5.6	5.5	5.7	6.5	7.0	7.6	8.2	8.9	8.7	8.4	7.8	6.9	6.4
55 years and over .....	3.6	3.3	3.6	3.9	4.4	4.9	5.2	5.6	5.4	5.5	5.2	4.9	4.4
Men, 16 years and over .....	7.2	7.1	7.1	8.1	8.9	9.5	10.3	11.0	10.7	10.4	9.7	8.7	7.9
16 to 24 years .....	15.4	15.6	15.0	16.7	17.9	18.7	19.6	20.4	19.7	19.2	18.2	16.3	14.9
16 to 19 years .....	20.1	19.8	19.4	21.3	22.9	24.1	25.1	25.5	24.5	24.1	23.6	21.0	20.2
16 to 17 years .....	22.4	22.8	20.8	22.0	24.0	25.5	27.8	28.6	25.1	26.5	25.8	23.2	22.1
18 to 19 years .....	18.4	17.8	18.3	20.9	22.1	23.3	23.1	23.9	23.9	22.7	22.2	20.0	18.6
20 to 24 years .....	12.8	13.3	12.6	14.2	15.2	15.9	16.8	17.8	17.2	16.8	15.5	13.9	12.4
25 years and over .....	4.9	4.8	4.9	5.8	6.4	7.1	7.9	8.6	8.4	8.2	7.6	6.8	6.1
25 to 54 years .....	5.3	5.1	5.3	6.2	6.9	7.6	8.5	9.1	8.9	8.7	8.0	7.1	6.4
55 years and over .....	3.3	3.3	3.5	3.9	4.5	4.9	5.3	6.1	5.8	5.8	5.5	5.4	4.6
Women, 16 years and over .....	7.7	7.7	7.9	8.4	8.8	9.3	9.6	10.1	9.9	9.6	8.9	8.2	7.9
16 to 24 years .....	13.5	13.8	14.0	14.8	15.5	15.9	16.5	17.0	16.8	16.4	15.3	14.6	13.9
16 to 19 years .....	18.3	18.5	18.6	20.7	21.4	21.2	22.4	22.5	21.6	22.5	21.1	20.1	18.9
16 to 17 years .....	20.7	20.0	20.2	22.0	22.0	22.6	23.9	24.4	24.1	24.8	23.3	22.6	22.6
18 to 19 years .....	16.7	17.3	17.6	19.9	21.0	20.2	21.3	21.5	20.2	20.9	19.7	18.8	16.8
20 to 24 years .....	10.7	11.1	11.3	11.6	12.3	13.0	13.3	14.1	14.2	13.3	12.3	11.8	11.3
25 years and over .....	5.8	5.7	5.8	6.3	6.6	7.2	7.4	7.9	7.8	7.6	7.0	6.3	6.1
25 to 54 years .....	6.2	6.1	6.2	6.8	7.1	7.6	7.8	8.5	8.4	8.1	7.5	6.8	6.5
55 years and over .....	4.0	3.4	3.8	3.9	4.3	5.0	5.0	4.9	4.9	4.9	4.8	4.3	4.1

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-50. Selected unemployment indicators, seasonally adjusted**

(Unemployment rates)

Category	1981				1982				1983				1984
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>CHARACTERISTIC</b>													
Total (all civilian workers) .....	7.4	7.4	7.4	8.2	8.8	9.4	10.0	10.6	10.4	10.1	9.4	8.5	7.9
Men, 20 years and over .....	6.1	6.0	6.1	7.1	7.8	8.4	9.2	9.9	9.7	9.4	8.7	7.8	7.0
Women, 20 years and over .....	6.6	6.6	6.8	7.2	7.6	8.2	8.4	9.0	8.9	8.5	7.9	7.2	7.0
Both sexes, 16 to 19 years .....	19.2	19.1	19.0	21.0	22.2	22.7	23.8	24.1	23.1	23.3	22.4	20.6	19.6
White .....	6.6	6.5	8.4	7.2	7.8	8.3	8.8	9.5	9.1	8.8	8.1	7.4	6.8
Black and other .....	13.3	13.6	14.4	15.4	16.1	16.9	17.7	18.7	18.5	18.6	17.7	16.4	15.2
Black .....	14.7	15.0	15.8	17.0	17.5	18.4	19.2	20.6	20.2	20.4	19.4	17.9	16.5
Hispanic origin .....	10.9	9.9	9.8	11.2	12.2	13.4	14.5	15.3	15.6	14.2	12.8	12.1	10.9
Married men, spouse present .....	4.2	4.0	4.1	5.0	5.5	6.2	6.9	7.5	7.2	6.9	6.2	5.5	4.8
Married women, spouse present .....	5.9	5.7	5.8	6.3	6.8	7.3	7.4	8.1	7.7	7.5	6.9	6.2	5.9
Women who maintain families .....	10.0	10.2	10.7	10.7	10.5	11.7	12.1	12.5	13.2	12.7	11.9	11.0	10.9
Full-time workers .....	7.1	7.1	7.1	8.0	8.6	9.3	9.8	10.6	10.3	10.0	9.3	8.3	7.6
Part-time workers .....	9.1	9.2	9.5	9.7	10.1	10.3	10.8	11.0	10.5	11.1	10.2	9.8	9.2
Unemployed 15 weeks and over <sup>1</sup> .....	2.2	2.1	2.1	2.1	2.5	3.0	3.4	4.0	4.2	4.0	3.7	3.1	2.7
Labor force time lost <sup>2</sup> .....	8.2	8.2	8.3	9.3	10.0	10.6	11.3	12.1	11.8	11.4	10.6	9.7	9.0
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	7.5	7.4	7.5	8.4	9.1	9.9	10.4	11.3	10.8	10.3	9.6	8.6	7.8
Mining .....	5.8	5.5	5.7	7.3	8.8	11.8	16.4	18.2	18.6	19.7	16.1	12.4	11.4
Construction .....	14.2	15.4	15.7	17.6	18.5	19.1	20.8	22.1	20.1	19.5	18.0	15.9	14.5
Manufacturing .....	8.3	7.6	7.6	9.4	10.5	11.7	12.9	14.2	13.0	12.1	10.7	8.9	7.8
Durable goods .....	8.3	7.4	7.3	9.5	11.0	12.5	14.0	16.1	14.5	13.2	11.3	9.2	7.7
Nondurable goods .....	8.3	8.0	8.0	9.2	9.9	10.6	11.4	11.4	10.9	10.5	9.8	8.6	8.0
Transportation and public utilities .....	5.6	5.3	4.6	5.4	5.9	6.7	7.0	8.1	7.8	7.6	7.5	6.8	5.3
Wholesale and retail trade .....	7.6	7.8	8.2	8.7	9.3	10.0	10.1	10.7	10.9	10.2	9.7	9.2	8.3
Finance and service industries .....	5.8	5.8	5.8	6.2	6.4	6.9	6.9	7.6	7.4	7.3	7.2	6.7	6.3
Agricultural wage and salary workers .....	11.7	10.8	11.9	13.9	14.1	15.7	14.5	15.0	16.0	16.7	15.5	15.8	14.7

<sup>1</sup> Unemployment as a percent of the civilian labor force.

<sup>2</sup> 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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>DURATION</b>													
Less than 5 weeks .....	3,307	3,310	3,379	3,805	3,870	3,823	3,944	3,913	3,622	3,598	3,634	3,405	3,326
5 to 14 weeks .....	2,395	2,484	2,465	2,815	3,108	3,330	3,373	3,454	3,224	3,034	2,859	2,615	2,527
15 weeks and over .....	2,332	2,233	2,228	2,343	2,698	3,270	3,735	4,449	4,608	4,464	4,122	3,517	3,020
15 to 26 weeks .....	1,091	1,100	1,106	1,190	1,431	1,632	1,831	2,053	1,914	1,686	1,591	1,331	1,151
27 weeks and over .....	1,241	1,133	1,122	1,153	1,267	1,638	1,905	2,396	2,693	2,778	2,530	2,186	1,868
Average (mean) duration, in weeks .....	14.1	13.7	13.9	13.3	13.8	15.1	16.0	17.7	19.2	20.3	20.5	20.0	19.4
Median duration, in weeks .....	7.2	6.9	7.1	6.9	7.5	8.5	8.9	10.1	10.5	11.2	9.6	9.3	8.6
<b>PERCENT DISTRIBUTION</b>													
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 .....	41.2	41.2	41.9	42.5	40.0	36.7	35.7	33.1	31.6	32.4	34.2	35.7	37.5
5 to 14 weeks .....	29.8	30.9	30.5	31.4	32.1	31.9	30.5	29.2	28.1	27.3	26.9	27.4	28.5
15 weeks and over .....	29.0	27.8	27.6	26.1	27.9	31.4	33.8	37.6	40.2	40.2	38.8	36.9	34.0
15 to 26 weeks .....	13.6	13.7	13.7	13.3	14.8	15.7	16.6	17.4	16.7	15.2	15.0	14.0	13.0
27 weeks and over .....	15.4	14.1	13.9	12.9	13.1	15.7	17.2	20.3	23.5	25.0	23.8	22.9	21.1

**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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	4,058	4,026	4,160	4,830	5,412	5,999	6,560	7,278	6,841	6,682	6,102	5,281	4,725
On layoff .....	1,342	1,331	1,322	1,721	1,864	2,021	2,303	2,422	2,080	1,926	1,652	1,332	1,255
Other job losers .....	2,716	2,695	2,838	3,109	3,548	3,978	4,256	4,856	4,761	4,756	4,450	3,949	3,471
Job leavers .....	903	929	927	933	878	872	817	801	848	808	803	863	779
Reentrants .....	2,060	2,059	2,049	2,250	2,218	2,388	2,447	2,501	2,507	2,444	2,419	2,273	2,184
New entrants .....	1,000	973	935	1,011	1,092	1,108	1,265	1,275	1,190	1,303	1,226	1,144	1,160
<b>PERCENT DISTRIBUTION</b>													
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 .....	50.6	50.4	51.5	53.5	56.4	57.9	59.2	61.4	60.1	59.5	57.8	55.2	53.4
On layoff .....	16.7	16.7	16.4	19.1	19.4	19.5	20.8	20.4	18.3	17.1	15.7	13.9	14.2
Other job losers .....	33.9	33.7	35.2	34.4	37.0	38.4	38.4	41.0	41.8	42.3	42.2	41.3	39.2
Job leavers .....	11.3	11.6	11.5	10.3	9.1	8.4	7.4	6.8	7.4	7.2	7.6	9.0	8.8
Reentrants .....	25.7	25.8	25.4	24.9	23.1	23.0	22.1	21.1	22.0	21.7	22.9	23.8	24.7
New entrants .....	12.5	12.2	11.6	11.2	11.4	10.7	11.4	10.8	10.4	11.6	11.6	12.0	13.1
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	3.7	3.7	3.8	4.4	4.9	5.4	5.9	6.6	6.2	6.0	5.4	4.7	4.2
Job leavers .....	.8	.9	.9	.9	.8	.8	.7	.7	.8	.7	.7	.8	.7
Reentrants .....	1.9	1.9	1.9	2.1	2.0	2.2	2.2	2.3	2.3	2.2	2.2	2.0	1.9
New entrants .....	.9	.9	.9	.9	1.0	1.0	1.1	1.2	1.1	1.2	1.1	1.0	1.0

**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
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>TOTAL</b>													
Total not in labor force .....	60,983	60,968	61,904	61,981	62,083	61,828	62,005	62,217	62,805	62,680	62,392	62,938	63,072
Do not want a job now .....	55,193	55,608	56,192	55,936	55,987	55,693	55,447	55,326	56,104	55,986	55,690	56,526	56,957
Current activity:													
Going to school .....	6,315	6,646	6,585	6,518	6,343	6,810	6,399	6,441	6,607	6,399	6,462	6,540	6,713
Ill, disabled .....	4,217	4,232	4,346	4,277	4,084	4,030	4,040	3,988	3,975	4,064	3,804	3,814	4,096
Keeping house .....	28,780	28,810	29,010	28,541	28,925	28,324	28,267	28,134	28,350	28,281	28,267	28,539	28,484
Retired .....	11,496	11,762	11,934	12,108	12,073	12,187	12,491	12,567	12,987	13,003	12,892	13,196	13,466
Other activity .....	4,386	4,159	4,318	4,492	4,562	4,343	4,251	4,196	4,185	4,239	4,265	4,437	4,198
Want a job now .....	5,965	5,686	5,667	6,002	6,187	6,610	6,594	6,929	6,452	6,540	6,756	6,335	6,182
Reason not looking:													
School attendance .....	1,575	1,559	1,501	1,564	1,636	1,734	1,746	1,851	1,641	1,518	1,832	1,538	1,526
Ill health, disability .....	805	734	691	840	771	788	760	761	656	701	841	868	686
Home responsibilities .....	1,299	1,258	1,184	1,401	1,359	1,450	1,371	1,390	1,390	1,436	1,442	1,384	1,503
Think cannot get a job .....	1,098	1,050	1,110	1,171	1,337	1,504	1,641	1,813	1,765	1,726	1,610	1,457	1,339
Job-market factors .....	817	728	822	889	1,026	1,090	1,238	1,393	1,408	1,316	1,197	1,046	938
Personal factors .....	281	322	288	282	311	414	404	420	357	411	413	411	401
Other reasons <sup>1</sup> .....	1,188	1,084	1,182	1,026	1,083	1,135	1,075	1,113	1,000	1,159	1,032	1,089	1,128
<b>Men</b>													
Total not in labor force .....	18,189	18,312	18,763	18,882	18,953	18,935	19,129	19,151	19,657	19,455	19,337	19,626	19,752
Do not want a job now .....	16,323	16,624	16,931	16,870	16,815	16,985	17,024	16,880	17,227	17,187	16,968	17,473	17,753
Want a job now .....	1,946	1,862	1,813	2,000	2,085	2,162	2,276	2,361	2,187	2,203	2,409	2,173	2,013
Reason not looking:													
School attendance .....	802	774	710	788	884	908	931	1,001	869	775	1,079	826	806
Ill health, disability .....	379	334	311	413	325	338	334	299	289	308	379	380	337
Think cannot get a job .....	369	411	396	435	503	572	610	683	695	683	607	620	486
Other reasons <sup>1</sup> .....	396	342	397	364	372	344	401	379	334	436	345	346	385
<b>Women</b>													
Total not in labor force .....	42,793	42,656	43,141	43,099	43,130	42,893	42,876	43,065	43,148	43,226	43,056	43,311	43,320
Do not want a job now .....	38,870	38,985	39,261	39,067	39,172	38,707	38,423	38,446	38,877	38,799	38,723	39,053	39,204
Want a job now .....	4,019	3,824	3,854	4,002	4,102	4,448	4,318	4,568	4,265	4,338	4,347	4,162	4,168
Reason not looking:													
School attendance .....	773	785	791	776	752	826	815	850	772	743	753	711	720
Ill health, disability .....	426	400	380	427	446	450	426	463	367	393	462	488	349
Home responsibilities .....	1,299	1,258	1,184	1,401	1,359	1,450	1,371	1,390	1,390	1,436	1,442	1,384	1,503
Think cannot get a job .....	729	639	714	736	834	932	1,031	1,131	1,070	1,043	1,003	836	853
Other reasons <sup>1</sup> .....	792	742	785	662	711	791	674	734	666	723	687	743	743
<b>White</b>													
Total not in labor force .....	52,407	52,442	53,253	53,340	53,349	53,072	53,232	53,406	53,970	53,947	53,574	53,786	53,966
Do not want a job now .....	48,172	48,366	49,004	48,861	48,932	48,473	48,519	48,477	49,114	49,132	48,849	49,099	49,702
Want a job now .....	4,385	4,091	4,118	4,384	4,471	4,661	4,801	4,960	4,734	4,775	4,734	4,605	4,447
Reason not looking:													
School attendance .....	1,123	1,044	998	1,151	1,190	1,195	1,254	1,305	1,215	1,109	1,144	1,105	1,082
Ill health, disability .....	589	512	499	559	539	547	549	503	486	510	634	615	534
Home responsibilities .....	958	964	870	1,052	1,000	1,015	1,040	1,044	1,053	1,003	1,061	1,039	1,100
Think cannot get a job .....	751	699	751	801	877	982	1,083	1,252	1,194	1,245	1,076	974	884
Other reasons <sup>1</sup> .....	964	872	1,000	822	867	922	875	856	787	907	819	872	847
<b>Black</b>													
Total not in labor force .....	7,071	7,073	7,242	7,144	7,228	7,294	7,256	7,221	7,237	7,210	7,240	7,444	7,419
Do not want a job now .....	5,654	5,650	5,907	5,756	5,620	5,578	5,639	5,533	5,652	5,684	5,556	5,917	5,894
Want a job now .....	1,414	1,399	1,386	1,399	1,601	1,683	1,603	1,746	1,570	1,514	1,679	1,555	1,584
Reason not looking:													
School attendance .....	384	422	411	356	402	431	411	487	404	330	476	425	402
Ill health, disability .....	218	216	192	224	237	223	216	210	171	170	207	193	160
Home responsibilities .....	294	262	290	319	317	367	303	330	311	354	354	308	352
Think cannot get a job .....	325	326	324	334	438	471	500	522	512	431	473	458	407
Other reasons <sup>1</sup> .....	193	173	168	166	207	191	172	196	172	230	169	171	263

<sup>1</sup> 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							
	1983	1984	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			1983	1984	1983	1984	1983	1984	1983	1984
<b>TOTAL</b>										
Total not in labor force .....	63,739	64,272	8,032	7,708	5,052	5,111	22,120	22,092	28,535	29,362
Do not want a job now .....	56,940	57,823	6,259	6,266	3,949	3,903	18,704	18,862	28,026	28,794
Current activity:										
Going to school .....	8,290	8,412	5,554	5,488	1,885	1,963	828	947	22	15
Ill, disabled .....	3,902	4,013	30	31	111	107	1,933	1,915	1,828	1,959
Keeping house .....	28,183	28,335	369	364	1,501	1,403	13,539	13,631	12,773	12,938
Retired .....	13,058	13,544	-	-	-	-	330	365	12,728	13,179
Other activity .....	3,507	3,518	306	383	452	430	2,074	2,004	675	703
Want a job now .....	6,799	6,450	1,772	1,441	1,102	1,210	3,416	3,229	507	569
Reason for not looking:										
School attendance .....	1,932	1,788	1,387	1,139	297	374	241	268	7	6
Ill health, disability .....	703	730	18	9	48	52	508	520	129	149
Home responsibilities .....	1,360	1,470	64	91	306	323	934	1,007	35	49
Think cannot get a job .....	1,872	1,417	188	138	335	297	1,145	770	205	212
Job-market factors .....	1,498	1,000	131	91	294	217	957	575	118	116
Personal factors .....	373	417	55	47	42	80	189	195	86	96
Other reasons <sup>1</sup> .....	932	1,044	97	64	116	164	588	664	131	153
<b>Men</b>										
Total not in labor force .....	20,186	20,532	3,856	3,743	1,726	1,758	3,827	3,898	10,776	11,134
Do not want a job now .....	17,769	18,329	2,931	3,000	1,321	1,381	2,990	3,090	10,531	10,859
Current activity:										
Going to school .....	4,122	4,315	2,742	2,805	969	1,062	405	448	8	-
Ill, disabled .....	2,057	2,095	16	7	86	55	1,080	1,111	877	920
Keeping house .....	266	343	9	6	6	6	76	106	175	226
Retired .....	9,240	9,485	-	-	-	-	289	309	8,950	9,176
Other activity .....	2,084	2,092	164	182	280	258	1,140	1,116	521	537
Want a job now .....	2,417	2,203	924	743	407	377	817	809	240	274
Reason for not looking:										
School attendance .....	1,046	962	769	632	184	183	90	141	2	5
Ill health, disability .....	309	357	9	9	23	19	225	255	51	75
Think cannot get a job .....	754	528	113	66	162	124	357	239	122	98
Other reasons <sup>1</sup> .....	308	357	33	36	38	51	145	174	65	96
<b>Women</b>										
Total not in labor force .....	43,553	43,740	4,176	3,964	3,326	3,354	18,293	18,193	17,758	18,227
Do not want a job now .....	39,171	39,494	3,331	3,265	2,630	2,522	15,715	15,772	17,494	17,934
Current activity:										
Going to school .....	4,168	4,097	2,813	2,682	917	901	423	498	14	15
Ill, disabled .....	1,844	1,919	16	24	25	52	853	804	950	1,039
Keeping house .....	27,918	27,992	360	358	1,496	1,397	13,464	13,525	12,599	12,711
Retired .....	3,818	4,059	-	-	-	-	41	57	3,777	4,003
Other activity .....	1,423	1,426	142	201	192	172	934	888	154	166
Want a job now .....	4,381	4,246	845	699	694	832	2,576	2,421	262	293
Reason not looking:										
School attendance .....	886	826	618	508	112	191	151	126	5	1
Ill health, disability .....	394	373	8	-	25	33	282	265	79	74
Home responsibilities .....	1,360	1,470	84	91	306	323	934	1,007	35	49
Think cannot get a job .....	1,117	889	73	73	173	173	767	530	83	113
Other reasons .....	624	688	62	27	78	112	422	493	60	56

<sup>1</sup> 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			
	1983	1984	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
<b>WHITE</b>												
Total not in labor force .....	54,733	55,017	10,153	9,784	18,863	18,729	25,717	26,504	17,026	17,299	37,707	37,718
Do not want a job now .....	49,816	50,431	8,136	8,012	16,357	16,390	25,324	26,024	15,316	15,720	34,500	34,711
Current activity:												
Going to school .....	6,607	6,576	5,922	5,834	667	731	19	9	3,313	3,380	3,294	3,196
Ill, disabled .....	3,170	3,311	97	101	1,553	1,535	1,521	1,669	1,693	1,744	1,477	1,567
Keeping house .....	25,433	25,456	1,541	1,487	12,150	12,150	11,740	11,840	224	267	25,209	25,189
Retired .....	11,741	12,193	-	-	309	338	11,434	11,856	8,403	8,604	3,338	3,589
Other activity .....	2,865	2,895	576	610	1,678	1,636	610	650	1,683	1,725	1,182	1,170
Want a job now .....	4,916	4,585	2,014	1,770	2,504	2,338	397	481	1,710	1,578	3,206	3,008
Reason for not looking:												
School attendance .....	1,384	1,233	1,209	1,072	170	154	5	6	750	686	634	547
Ill health, disability .....	487	536	55	48	335	389	96	102	232	280	255	256
Home responsibilities .....	1,019	1,068	262	253	727	767	31	49	-	-	1,019	1,068
Think cannot get a job .....	1,284	953	313	240	806	527	164	185	504	335	780	618
Other reasons <sup>1</sup> .....	742	796	175	157	466	501	101	139	224	277	518	519
<b>BLACK</b>												
Total not in labor force .....	7,403	7,614	2,429	2,506	2,556	2,623	2,418	2,484	2,582	2,634	4,821	4,980
Do not want a job now .....	5,754	5,994	1,661	1,723	1,770	1,863	2,322	2,411	1,982	2,099	3,772	3,896
Current activity:												
Going to school .....	1,283	1,384	1,202	1,264	77	115	4	5	579	672	704	713
Ill, disabled .....	659	621	43	32	330	330	286	260	334	309	326	312
Keeping house .....	2,138	2,312	259	245	993	1,100	884	969	37	67	2,100	2,245
Retired .....	1,114	1,148	-	-	16	20	1,099	1,128	688	741	426	406
Other activity .....	560	530	157	182	354	298	49	49	344	310	218	220
Want a job now .....	1,649	1,619	768	782	787	761	95	73	598	534	1,049	1,084
Reason for not looking:												
School attendance .....	477	463	422	375	53	88	2	-	247	236	230	227
Ill health, disability .....	194	172	9	14	156	120	30	37	70	62	124	109
Home responsibilities .....	312	354	120	149	190	205	3	-	-	-	312	354
Think cannot get a job .....	516	415	185	181	300	212	30	22	217	171	299	244
Other reasons <sup>1</sup> .....	150	215	32	63	88	136	30	14	64	65	84	150
<b>HISPANIC ORIGIN</b>												
Total not in labor force .....	3,485	3,670	1,067	1,086	1,700	1,806	718	778	867	964	2,619	2,706
Do not want a job now .....	2,998	3,218	852	890	1,435	1,562	711	765	722	850	2,275	2,367
Current activity:												
Going to school .....	608	663	534	575	71	86	2	-	272	304	336	359
Ill, disabled .....	199	290	11	20	134	191	55	80	91	157	108	131
Keeping house .....	1,675	1,695	243	216	1,092	1,182	340	297	11	18	1,664	1,678
Retired .....	293	371	-	-	-	6	293	365	212	235	80	136
Other activity .....	223	199	64	79	138	97	21	23	136	136	87	63
Want a job now .....	488	451	216	196	265	247	7	13	145	115	343	338
Reason for not looking:												
School attendance .....	164	104	134	87	30	19	-	-	77	54	87	50
Ill health, disability .....	53	36	2	5	45	29	5	2	29	20	24	17
Home responsibilities .....	127	181	34	61	93	114	-	7	-	-	127	181
Think cannot get a job .....	87	78	33	29	54	51	-	-	28	20	59	59
Other reasons <sup>1</sup> .....	57	52	13	14	43	34	2	4	11	21	46	31

<sup>1</sup> 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	1st 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
<b>TOTAL</b>								
Personal factors:								
Employers think too young or old .....	127	13	3	32	79	113	12	3
Lacks education or training .....	185	29	45	108	3	103	68	23
Other personal handicap .....	104	6	30	53	15	89	12	8
Job-market factors:								
Could not find work .....	568	62	174	288	44	310	248	24
Thinks no job available .....	432	29	43	287	72	338	75	21
<b>Men</b>								
Personal factors:								
Employers think too young or old .....	52	10	-	8	34	45	6	-
Lacks education or training .....	40	7	6	28	-	25	12	5
Other personal handicap .....	28	-	12	9	6	17	7	-
Job-market factors:								
Could not find work .....	264	37	93	113	20	143	117	10
Thinks no job available .....	143	12	12	82	38	106	29	5
<b>Women</b>								
Personal factors:								
Employers think too young or old .....	75	3	3	24	45	68	5	3
Lacks education or training .....	145	22	40	79	3	78	56	18
Other personal handicap .....	76	6	18	44	8	72	4	8
Job-market factors:								
Could not find work .....	304	24	81	175	24	167	131	14
Thinks no job available .....	289	16	32	206	35	232	47	17

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			
	 1983	 1984	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			 1983	 1984	 1983	 1984	 1983	 1984	 1983	 1984	 1983	 1984
<b>TOTAL</b>												
Do not intend to seek work .....	52,301	53,173	6,444	6,339	17,854	18,034	28,003	26,799	45,805	46,404	5,298	5,517
Intend to seek work in the next 12 months .....	11,437	11,098	6,641	8,478	4,265	4,057	531	562	8,928	8,812	2,105	2,097
Never worked .....	2,458	2,442	2,284	2,255	181	182	13	4	1,688	1,688	660	834
Last worked over 5 years ago .....	1,331	1,393	82	104	1,108	1,111	141	178	973	1,037	312	343
Last worked 1 to 5 years ago .....	2,796	2,572	1,061	972	1,553	1,381	181	219	2,100	1,909	586	557
Worked during previous 12 months .....	4,851	4,691	3,214	3,149	1,441	1,383	195	160	4,167	3,979	547	564
<b>Men</b>												
Do not intend to seek work .....	15,651	16,263	2,354	2,472	2,815	2,937	10,483	10,854	13,467	13,938	1,794	1,893
Intend to seek work in the next 12 months .....	4,534	4,268	3,228	3,028	1,012	960	293	280	3,559	3,360	788	741
Never worked .....	1,137	1,049	1,118	1,023	14	28	4	-	802	757	282	250
Last worked over 5 years ago .....	237	243	20	21	151	148	66	75	150	158	64	81
Last worked 1 to 5 years ago .....	898	843	408	335	381	368	110	121	673	603	188	188
Worked during previous 12 months .....	2,281	2,132	1,682	1,649	467	398	113	84	1,934	1,842	256	222
<b>Women</b>												
Do not intend to seek work .....	36,650	36,910	4,089	3,867	15,040	15,097	17,521	17,945	32,338	32,466	3,504	3,624
Intend to seek work in the next 12 months .....	6,903	6,829	3,412	3,452	3,252	3,096	237	282	5,369	5,252	1,317	1,356
Never worked .....	1,321	1,393	1,164	1,232	148	156	9	4	886	929	378	384
Last worked over 5 years ago .....	1,094	1,149	62	84	956	963	75	103	823	879	248	262
Last worked 1 to 5 years ago .....	1,898	1,728	652	637	1,175	993	70	98	1,427	1,306	399	369
Worked during previous 12 months .....	2,590	2,559	1,533	1,499	974	982	82	76	2,233	2,137	291	341

**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	
	1983	1984	1983	1984	1983	1984	1983	1984
<b>TOTAL</b>								
Civilian noninstitutional population .....	173,505	175,679	150,233	152,101	18,796	19,222	9,416	9,921
Civilian labor force .....	109,766	111,407	95,500	97,084	11,393	11,609	5,930	6,251
Percent of population .....	63.3	63.4	63.6	63.8	60.6	60.4	63.0	63.0
Employed .....	97,507	102,000	85,921	89,870	9,050	9,669	4,942	5,517
Agriculture .....	2,919	2,845	2,685	2,606	172	176	202	221
Nonagricultural industries .....	94,588	99,155	83,236	87,265	8,878	9,493	4,740	5,296
Unemployed .....	12,260	9,406	9,578	7,214	2,343	1,940	989	735
Unemployment rate .....	11.2	8.4	10.0	7.4	20.6	16.7	16.7	11.8
Not in labor force .....	63,739	64,272	54,733	55,017	7,403	7,614	3,485	3,670
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	82,191	83,271	71,644	72,604	8,386	8,596	4,421	4,641
Civilian labor force .....	62,006	62,739	54,617	55,305	5,804	5,962	3,554	3,677
Percent of population .....	75.4	75.3	76.2	76.2	69.2	69.4	80.4	79.2
Employed .....	54,512	57,180	48,618	50,935	4,506	4,912	2,963	3,235
Agriculture .....	2,368	2,311	2,168	2,093	150	165	189	198
Nonagricultural industries .....	52,143	54,869	46,450	48,842	4,356	4,747	2,774	3,037
Unemployed .....	7,494	5,558	5,999	4,370	1,298	1,051	591	442
Unemployment rate .....	12.1	8.9	11.0	7.9	22.4	17.6	16.6	12.0
Not in labor force .....	20,186	20,532	17,026	17,299	2,582	2,634	867	964
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	74,434	75,786	65,198	66,404	7,288	7,528	3,837	4,093
Civilian labor force .....	58,104	58,997	51,162	51,993	5,439	5,606	3,271	3,420
Percent of population .....	78.1	77.8	78.5	78.3	74.6	74.5	85.2	83.6
Employed .....	51,672	54,278	46,024	48,284	4,317	4,720	2,783	3,051
Agriculture .....	2,190	2,147	1,999	1,933	143	162	174	182
Nonagricultural industries .....	49,482	52,130	44,025	46,351	4,174	4,558	2,609	2,869
Unemployed .....	6,432	4,720	5,138	3,710	1,122	886	489	369
Unemployment rate .....	11.1	8.0	10.0	7.1	20.6	15.8	14.9	10.8
Not in labor force .....	16,330	16,789	14,035	14,411	1,849	1,922	566	673
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	91,314	92,408	78,589	79,497	10,410	10,626	4,995	5,280
Civilian labor force .....	47,761	48,668	40,882	41,779	5,589	5,647	2,376	2,574
Percent of population .....	52.3	52.7	52.0	52.6	53.7	53.1	47.6	48.7
Employed .....	42,995	44,820	37,303	38,935	4,544	4,757	1,978	2,282
Agriculture .....	551	534	517	513	22	11	13	23
Nonagricultural industries .....	42,444	44,286	36,786	38,422	4,522	4,746	1,965	2,259
Unemployed .....	4,765	3,848	3,579	2,844	1,045	889	398	293
Unemployment rate .....	10.0	7.9	8.8	6.8	18.7	15.7	16.7	11.4
Not in labor force .....	43,553	43,740	37,707	37,718	4,821	4,980	2,619	2,706
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	83,594	84,962	72,216	73,377	9,260	9,507	4,436	4,719
Civilian labor force .....	44,217	45,187	37,707	38,660	5,284	5,343	2,169	2,350
Percent of population .....	52.9	53.2	52.2	52.7	57.1	56.2	48.9	49.8
Employed .....	40,218	41,986	34,750	36,321	4,368	4,585	1,828	2,112
Agriculture .....	513	501	482	480	20	11	12	21
Nonagricultural industries .....	39,705	41,485	34,269	35,841	4,347	4,574	1,816	2,091
Unemployed .....	3,999	3,200	2,957	2,339	917	759	341	237
Unemployment rate .....	9.0	7.1	7.8	6.1	17.3	14.2	15.7	10.1
Not in labor force .....	39,377	39,775	34,508	34,717	3,976	4,164	2,267	2,369
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	15,477	14,931	12,819	12,320	2,248	2,187	1,142	1,110
Civilian labor force .....	7,445	7,223	6,630	6,431	670	659	490	482
Percent of population .....	48.1	48.4	51.7	52.2	29.8	30.1	42.9	43.4
Employed .....	5,617	5,737	5,147	5,266	366	364	331	353
Agriculture .....	216	197	204	193	9	3	16	18
Nonagricultural industries .....	5,401	5,540	4,943	5,073	357	361	314	335
Unemployed .....	1,829	1,486	1,483	1,165	304	296	159	128
Unemployment rate .....	24.6	20.6	22.4	18.1	45.4	44.8	32.5	26.6
Not in labor force .....	8,032	7,708	6,190	5,889	1,578	1,528	653	628

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 <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	1983	1984	1983	1984	1983	1984	1983	1984
<b>TOTAL</b>								
Civilian noninstitutional population .....	9,416	9,921	5,647	5,917	1,277	1,364	739	748
Civilian labor force .....	5,930	6,251	3,661	3,820	646	709	493	483
Percent of population .....	63.0	63.0	64.6	64.6	50.6	52.0	67.3	64.6
Employed .....	4,942	5,517	3,012	3,335	518	615	417	448
Agriculture .....	202	221	188	200	2	3	3	7
Nonagricultural industries .....	4,740	5,296	2,824	3,135	515	612	414	440
Unemployed .....	989	735	649	484	128	94	76	36
Unemployment rate .....	16.7	11.8	17.7	12.7	19.9	13.2	15.5	7.4
Not in labor force .....	3,485	3,670	1,986	2,097	631	655	240	265
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	4,421	4,641	2,756	2,880	547	568	328	339
Civilian labor force .....	3,554	3,677	2,256	2,307	394	413	268	265
Percent of population .....	80.4	79.2	61.9	80.1	72.0	72.7	81.7	78.2
Employed .....	2,963	3,235	1,864	1,997	308	363	224	244
Agriculture .....	189	198	175	183	2	3	3	3
Nonagricultural industries .....	2,774	3,037	1,689	1,815	306	360	221	240
Unemployed .....	591	442	394	310	65	49	44	21
Unemployment rate .....	16.6	12.0	17.4	13.4	21.7	12.0	16.6	8.1
Not in labor force .....	887	964	498	572	153	155	60	74
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	3,837	4,093	2,376	2,509	468	493	296	315
Civilian labor force .....	3,271	3,420	2,068	2,125	366	387	246	251
Percent of population .....	85.2	83.6	87.0	84.7	78.2	78.5	83.1	79.7
Employed .....	2,783	3,051	1,740	1,868	302	350	207	231
Agriculture .....	174	162	161	167	2	3	3	3
Nonagricultural industries .....	2,609	2,889	1,580	1,701	300	347	204	227
Unemployed .....	489	369	328	257	64	37	38	20
Unemployment rate .....	14.9	10.8	15.9	12.1	17.4	9.6	15.6	8.0
Not in labor force .....	588	673	308	385	102	106	51	64
<b>Women, 18 years and over</b>								
Civilian noninstitutional population .....	4,995	5,280	2,890	3,038	730	796	405	409
Civilian labor force .....	2,376	2,574	1,403	1,512	252	296	225	218
Percent of population .....	47.6	48.7	48.5	49.8	34.5	37.2	55.6	53.3
Employed .....	1,978	2,262	1,146	1,336	209	252	193	204
Agriculture .....	13	23	12	18	-	-	-	4
Nonagricultural industries .....	1,965	2,259	1,135	1,321	209	251	193	200
Unemployed .....	398	293	256	174	43	44	32	14
Unemployment rate .....	16.7	11.4	18.2	11.5	17.0	15.0	14.1	6.6
Not in labor force .....	2,619	2,706	1,487	1,525	478	500	180	191
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	4,436	4,719	2,551	2,695	648	715	376	384
Civilian labor force .....	2,169	2,350	1,269	1,364	229	274	206	207
Percent of population .....	46.9	49.8	49.7	50.6	35.3	38.3	54.8	53.9
Employed .....	1,828	2,112	1,054	1,227	194	236	177	195
Agriculture .....	12	21	12	16	-	-	-	4
Nonagricultural industries .....	1,816	2,091	1,042	1,212	194	236	177	191
Unemployed .....	341	237	216	137	35	38	30	12
Unemployment rate .....	15.7	10.1	17.0	10.0	15.3	13.7	14.4	6.0
Not in labor force .....	2,267	2,369	1,281	1,331	419	441	169	177
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	1,142	1,110	720	713	161	156	82	49
Civilian labor force .....	490	492	323	331	51	48	41	25
Percent of population .....	42.9	43.4	44.9	46.4	31.7	30.8	66.1	( <sup>2</sup> )
Employed .....	331	353	218	241	21	29	33	22
Agriculture .....	16	16	16	18	-	-	-	-
Nonagricultural industries .....	314	335	202	223	21	29	33	22
Unemployed .....	159	128	105	91	29	19	8	3
Unemployment rate .....	32.5	26.6	32.6	27.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Not in labor force .....	653	628	397	382	110	108	20	23

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

<sup>2</sup> 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	
	1983	1984	1983	1984	1983	1984	1983	1984
<b>CHARACTERISTIC</b>								
Total (all civilian workers) .....	97,507	102,000	85,921	89,870	9,050	9,669	4,942	5,517
Men .....	54,512	57,180	48,618	50,935	4,506	4,912	2,963	3,235
Women .....	42,995	44,820	37,303	38,935	4,544	4,757	1,978	2,282
<b>OCCUPATION</b>								
Managerial and professional specialty .....	23,404	24,689	21,441	22,661	1,302	1,361	595	709
Executive, administrative, and managerial .....	10,584	11,336	9,847	10,541	488	527	308	370
Professional specialty .....	12,820	13,353	11,594	12,121	813	834	287	339
Technical, sales, and administrative support .....	30,602	31,674	27,552	28,474	2,313	2,489	1,246	1,439
Technicians and related support .....	3,027	3,145	2,665	2,745	253	265	91	108
Sales occupations .....	11,367	12,079	10,589	11,274	527	580	411	465
Administrative support, including clerical .....	16,208	16,450	14,299	14,455	1,533	1,644	743	866
Service occupations .....	13,433	13,841	10,743	11,050	2,272	2,375	905	974
Private household .....	944	933	665	630	257	280	86	79
Protective service .....	1,628	1,649	1,384	1,364	225	254	82	71
Service, except private household and protective .....	10,861	11,260	8,694	9,056	1,790	1,841	737	825
Precision production, craft, and repair .....	11,703	12,563	10,659	11,439	782	881	691	762
Mechanics and repairers .....	4,104	4,284	3,744	3,898	263	305	231	243
Construction trades .....	3,871	4,184	3,563	3,867	247	267	203	242
Other precision production, craft, and repair .....	3,728	4,095	3,352	3,675	272	308	257	278
Operators, fabricators, and laborers .....	15,284	16,293	12,773	13,604	2,125	2,333	1,279	1,394
Machine operators, assemblers, and inspectors .....	7,459	7,850	6,174	6,500	1,026	1,133	700	789
Transportation and material moving occupations .....	4,011	4,260	3,446	3,598	502	602	234	242
Handlers, equipment cleaners, helpers, and laborers .....	3,814	4,183	3,153	3,506	596	598	345	363
Construction laborers .....	456	565	359	467	88	89	57	61
Other handlers, equipment cleaners, helpers, and laborers .....	3,358	3,618	2,794	3,039	508	508	288	301
Farming, forestry, and fishing .....	3,076	2,940	2,751	2,642	255	230	225	238
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	1,312	1,236	1,122	1,056	157	150	175	199
Self-employed workers .....	1,429	1,448	1,384	1,392	16	25	24	21
Unpaid family workers .....	178	162	177	158	-	1	1	1
Nonagricultural industries:								
Wage and salary workers .....	86,938	91,123	76,092	79,750	8,562	9,164	4,476	4,966
Government .....	15,689	15,944	13,033	13,271	2,251	2,293	686	726
Private industries .....	71,249	75,179	63,060	66,479	6,311	6,871	3,790	4,240
Private households .....	1,141	1,121	806	771	296	322	103	88
Other industries .....	70,108	74,058	62,255	65,708	6,015	6,549	3,687	4,152
Self-employed workers .....	7,305	7,705	6,830	7,203	309	326	249	308
Unpaid family workers .....	344	327	313	311	5	3	15	22
<b>FULL- AND PART-TIME STATUS<sup>1</sup></b>								
Full-time schedules .....	76,557	81,464	67,277	71,610	7,211	7,843	3,940	4,537
Part time for economic reasons .....	6,465	5,755	5,377	4,751	918	863	471	402
Part time for noneconomic reasons .....	14,485	14,781	13,267	13,508	921	963	529	577

<sup>1</sup> 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 <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	1983	1984	1983	1984	1983	1984	1983	1984
<b>CHARACTERISTIC</b>								
Total (all civilian workers) .....	4,942	5,517	3,010	3,335	517	615	417	448
Men .....	2,963	3,235	1,863	1,997	308	363	224	244
Women .....	1,978	2,282	1,147	1,338	209	252	193	204
<b>OCCUPATION</b>								
Managerial and professional specialty .....	595	709	285	345	63	90	74	100
Executive, administrative, and managerial .....	308	370	150	183	37	51	33	45
Professional specialty .....	287	339	135	162	26	39	41	55
Technical, sales, and administrative support .....	1,246	1,439	682	801	144	185	122	136
Technicians and related support .....	91	108	50	56	13	17	12	7
Sales occupations .....	411	465	221	276	41	41	38	46
Administrative support, including clerical .....	743	866	411	469	91	127	73	83
Service occupations .....	905	974	526	590	110	114	71	49
Private household .....	86	79	45	38	2	5	3	3
Protective service .....	82	71	36	42	23	12	5	3
Service, except private household and protective .....	737	825	445	510	85	97	63	43
Precision production, craft, and repair .....	691	762	469	500	63	66	62	58
Mechanics and repairers .....	231	243	147	149	29	24	25	21
Construction trades .....	203	242	152	167	12	15	14	18
Other precision production, craft, and repair .....	257	278	170	184	22	27	22	20
Operators, fabricators, and laborers .....	1,279	1,394	847	888	132	152	83	97
Machine operators, assemblers, and inspectors .....	700	789	451	494	81	91	44	56
Transportation and material moving occupations .....	234	242	160	144	23	35	10	16
Handlers, equipment cleaners, helpers, and laborers .....	345	363	236	251	28	25	29	25
Construction laborers .....	57	61	49	48	-	1	2	2
Other handlers, equipment cleaners, helpers, and laborers .....	288	301	187	203	27	24	26	24
Farming, forestry, and fishing .....	225	238	201	211	4	9	6	7
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>								
<b>Agriculture:</b>								
Wage and salary workers .....	175	199	168	186	2	3	1	5
Self-employed workers .....	24	21	17	14	-	-	2	2
Unpaid family workers .....	1	1	1	1	-	-	-	-
<b>Nonagricultural industries:</b>								
Wage and salary workers .....	4,476	4,966	2,676	2,944	494	593	385	399
Government .....	686	726	446	461	86	95	32	25
Private industries .....	3,790	4,240	2,231	2,484	408	498	353	374
Private households .....	103	88	60	45	2	7	3	3
Other industries .....	3,687	4,152	2,171	2,439	406	491	350	371
Self-employed workers .....	249	308	137	176	20	19	27	38
Unpaid family workers .....	15	22	11	14	1	-	1	4
<b>FULL- AND PART-TIME STATUS<sup>2</sup></b>								
Full-time schedules .....	3,940	4,537	2,361	2,702	435	537	345	380
Part time for economic reasons .....	471	402	338	289	30	30	23	17
Part time for noneconomic reasons .....	529	577	311	345	51	48	48	51

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

<sup>2</sup> 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	
	1983	1984	1983	1984	1983	1984	1983	1984
Total, 16 years and over .....	97,507	102,000	85,921	89,870	9,050	9,669	4,942	5,517
16 to 19 years .....	5,617	5,737	5,147	5,266	386	364	331	353
16 to 17 years .....	1,973	1,964	1,849	1,844	95	85	87	107
18 to 19 years .....	3,643	3,773	3,298	3,422	271	279	244	246
20 to 24 years .....	13,063	13,632	11,516	12,040	1,245	1,281	784	870
25 years and over .....	78,828	82,632	69,258	72,564	7,440	8,024	3,827	4,293
25 to 54 years .....	64,768	68,516	56,581	59,813	6,328	6,896	3,413	3,827
55 years and over .....	14,060	14,116	12,679	12,751	1,112	1,128	413	466
Men, 16 years and over .....	54,512	57,180	48,618	50,935	4,506	4,912	2,963	3,235
16 to 19 years .....	2,840	2,903	2,594	2,651	189	191	181	184
16 to 17 years .....	1,009	1,000	949	935	47	50	48	55
18 to 19 years .....	1,830	1,903	1,645	1,717	143	141	132	128
20 to 24 years .....	6,754	7,190	5,945	6,350	642	675	455	495
25 years and over .....	44,918	47,088	40,079	41,933	3,675	4,045	2,327	2,555
25 to 54 years .....	36,610	38,762	32,484	34,302	3,115	3,477	2,065	2,272
55 years and over .....	8,309	8,326	7,596	7,631	560	568	263	283
Women, 16 years and over .....	42,995	44,820	37,303	38,935	4,544	4,757	1,978	2,282
16 to 19 years .....	2,777	2,834	2,553	2,614	176	173	150	169
16 to 17 years .....	964	964	899	909	49	35	39	52
18 to 19 years .....	1,813	1,870	1,653	1,706	128	138	112	118
20 to 24 years .....	6,309	6,442	5,571	5,690	603	606	329	375
25 years and over .....	33,910	35,544	29,179	30,631	3,765	3,979	1,499	1,737
25 to 54 years .....	28,158	29,754	24,097	25,511	3,213	3,419	1,350	1,554
55 years and over .....	5,751	5,790	5,083	5,120	552	560	150	183

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	
	1983	1984	1983	1984	1983	1984	1983	1984
Total, 16 years and over .....	11.2	8.4	10.0	7.4	20.6	16.7	16.7	11.8
16 to 19 years .....	24.6	20.6	22.4	18.1	45.4	44.8	32.5	26.6
16 to 17 years .....	26.3	23.6	24.9	21.8	43.3	49.1	38.2	32.8
18 to 19 years .....	23.6	18.9	20.9	16.0	46.1	43.4	30.1	23.6
20 to 24 years .....	17.3	13.0	15.0	10.9	33.2	28.7	21.9	14.5
25 years and over .....	8.9	6.7	8.0	5.9	16.0	12.3	13.7	9.7
25 to 54 years .....	9.5	7.0	8.5	6.2	17.0	12.9	13.7	9.6
55 years and over .....	6.2	5.1	5.8	4.7	10.1	8.8	13.9	10.2
Men, 16 years and over .....	12.1	8.9	11.0	7.9	22.4	17.6	16.6	12.0
16 to 19 years .....	27.2	22.4	24.9	19.9	48.1	46.4	36.2	28.4
16 to 17 years .....	28.6	25.0	26.6	23.5	50.4	46.8	42.4	35.1
18 to 19 years .....	26.5	21.0	23.9	17.8	47.4	46.2	33.6	25.1
20 to 24 years .....	19.8	14.3	17.8	12.3	34.6	29.6	22.0	14.7
25 years and over .....	9.6	7.0	8.8	6.3	17.6	13.0	13.4	10.0
25 to 54 years .....	10.2	7.3	9.3	6.6	18.4	13.3	13.1	9.9
55 years and over .....	6.8	5.5	6.3	5.0	12.8	11.0	15.4	10.1
Women, 16 years and over .....	10.0	7.9	8.8	6.8	18.7	15.7	18.7	11.4
16 to 19 years .....	21.8	18.6	19.6	18.2	42.1	43.0	27.3	24.8
16 to 17 years .....	23.7	22.0	23.0	20.0	34.4	52.0	32.0	30.2
18 to 19 years .....	20.5	18.8	17.7	14.0	44.6	40.2	25.5	21.9
20 to 24 years .....	14.3	11.4	11.8	9.2	31.7	27.8	21.9	14.3
25 years and over .....	8.0	6.2	7.0	5.4	14.5	11.7	14.2	9.2
25 to 54 years .....	8.5	6.6	7.5	5.7	15.6	12.5	14.5	9.1
55 years and over .....	5.3	4.4	5.0	4.2	7.4	6.5	11.2	9.9

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	 1983	 1984	 1983	 1984	 1983	 1984	 1983	 1984
<b>DURATION</b>								
Total, 16 years and over .....	12,260	9,406	9,578	7,214	2,343	1,940	989	735
Less than 5 weeks .....	3,558	3,253	2,815	2,566	643	580	346	304
5 to 14 weeks .....	3,581	2,803	2,875	2,181	593	561	285	220
15 weeks and over .....	5,120	3,350	3,889	2,467	1,107	799	358	211
15 to 26 weeks .....	2,272	1,377	1,808	1,056	414	280	187	117
27 weeks and over .....	2,848	1,974	2,081	1,410	693	519	171	93
Average (mean) duration, in weeks .....	19.6	19.7	18.7	19.0	23.4	22.9	16.7	14.1
Median duration, in weeks .....	11.5	9.5	11.1	9.1	12.7	10.0	9.5	7.3
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	29.0	34.6	29.4	35.6	27.5	29.9	35.0	41.4
5 to 14 weeks .....	29.2	29.8	30.0	30.2	25.3	28.9	28.8	29.9
15 weeks and over .....	41.8	35.6	40.6	34.2	47.3	41.2	36.2	28.7
15 to 26 weeks .....	18.5	14.6	18.9	14.6	17.7	14.4	18.9	15.9
27 weeks and over .....	23.2	21.0	21.7	19.5	29.6	26.8	17.3	12.7

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

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	 1983	 1984	 1983	 1984	 1983	 1984	 1983	 1984
<b>NUMBER OF UNEMPLOYED</b>								
Total, 16 years and over .....	12,260	9,406	9,578	7,214	2,343	1,940	989	735
Job losers .....	7,826	5,399	6,285	4,255	1,476	1,093	654	468
On layoff .....	2,646	1,586	2,286	1,385	321	179	159	124
Other job losers .....	5,180	3,813	3,999	2,870	1,154	915	495	344
Job leavers .....	851	786	689	661	15	22	72	49
Reentrants .....	2,520	2,194	1,856	1,595	578	529	171	138
New entrants .....	1,060	1,028	747	702	274	295	92	79
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	63.8	57.4	65.6	59.0	63.0	56.4	66.1	63.7
On layoff .....	21.6	16.9	23.9	19.2	13.7	9.2	16.1	16.8
Other job losers .....	42.3	40.5	41.8	39.8	49.3	47.2	50.1	46.8
Job leavers .....	6.9	8.4	7.2	9.2	.6	1.1	7.3	6.7
Reentrants .....	20.8	23.3	19.4	22.1	24.7	27.3	17.3	18.8
New entrants .....	8.6	10.9	7.8	9.7	11.7	15.2	9.3	10.8
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>								
Job losers .....	7.1	4.8	6.8	4.4	13.0	9.4	11.0	7.5
Job leavers .....	.8	.7	.7	.7	.1	.2	1.2	.8
Reentrants .....	2.3	2.0	1.9	1.6	5.1	4.6	2.9	2.2
New entrants .....	1.0	.9	.8	.7	2.4	2.5	1.8	1.3

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

**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							
	 1983	 1984	Total		Employed		Unemployed			
			 1983	 1984	 1983	 1984	Number		Percent of labor force	
							 1983	 1984	 1983	 1984
<b>VETERANS</b>										
Total, 25 years and over .....	8,269	7,912	7,769	7,401	6,900	6,864	869	537	11.2	7.3
25 to 29 years .....	6,543	5,651	6,241	5,417	5,490	4,993	751	425	12.0	7.8
25 to 29 years .....	941	561	888	525	702	459	186	65	20.9	12.5
30 to 34 years .....	2,505	1,891	2,367	1,793	2,064	1,621	303	172	12.8	9.6
35 to 39 years .....	3,097	3,199	2,986	3,100	2,724	2,912	262	188	8.8	6.1
40 years and over .....	1,727	2,261	1,528	1,984	1,410	1,872	118	112	7.7	5.6
<b>NONVETERANS</b>										
Total, 25 to 39 years .....	19,296	20,703	18,198	19,463	16,158	17,890	2,040	1,572	11.2	8.1
25 to 29 years .....	8,496	8,867	7,955	8,262	6,843	7,463	1,113	799	14.0	9.7
30 to 34 years .....	6,461	7,172	6,119	6,778	5,547	6,278	572	500	9.4	7.4
35 to 39 years .....	4,339	4,664	4,123	4,423	3,768	4,150	355	273	8.6	6.2

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; 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	
	 1983	 1984	 1983	 1984	 1983	 1984	 1983	 1984	 1983	 1984	 1983	 1984
<b>TOTAL, 25 to 39 years</b>												
Civilian noninstitutional population .....	5,754	5,016	692	566	252	219	16,676	17,845	1,942	2,151	1,395	1,518
Civilian labor force .....	5,519	4,838	633	518	241	210	15,903	16,958	1,705	1,907	1,308	1,425
Employed .....	4,917	4,491	500	444	215	199	14,292	15,748	1,338	1,593	1,128	1,276
Unemployed .....	603	347	132	74	26	11	1,613	1,209	369	314	162	149
Unemployment rate .....	10.9	7.2	20.9	14.3	10.8	5.2	10.1	7.1	21.8	16.5	13.9	10.5
<b>25 to 29 years</b>												
Civilian noninstitutional population .....	792	475	133	76	43	31	7,359	7,666	864	936	580	634
Civilian labor force .....	754	451	121	85	41	30	6,975	7,224	757	821	539	591
Employed .....	614	400	81	52	33	26	6,090	6,595	561	674	461	520
Unemployed .....	141	51	39	13	8	4	866	629	197	147	78	71
Unemployment rate .....	18.7	11.3	32.2	20.0	( <sup>1</sup> )	( <sup>1</sup> )	12.7	8.7	26.0	17.9	14.5	12.0
<b>30 to 34 years</b>												
Civilian noninstitutional population .....	2,197	1,669	289	197	112	69	5,559	6,180	663	749	469	513
Civilian labor force .....	2,088	1,590	244	160	106	67	5,317	5,905	588	669	443	480
Employed .....	1,837	1,448	197	152	94	66	4,878	5,530	475	561	378	430
Unemployed .....	250	142	47	28	12	-	440	374	113	108	85	50
Unemployment rate .....	12.0	8.9	19.3	15.6	11.3	-	8.3	6.3	19.2	16.1	14.7	10.4
<b>35 to 39 years</b>												
Civilian noninstitutional population .....	2,765	2,872	290	293	97	119	3,758	3,999	415	464	348	371
Civilian labor force .....	2,677	2,797	268	273	94	113	3,811	3,829	360	417	326	354
Employed .....	2,466	2,643	222	240	88	107	3,324	3,623	300	358	287	326
Unemployed .....	212	154	46	33	6	6	287	206	59	59	39	28
Unemployment rate .....	7.9	5.5	17.2	12.1	6.4	5.3	7.9	5.4	16.4	14.1	12.0	7.9

<sup>1</sup> 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. Employment status of the civilian noninstitutional population in metropolitan and nonmetropolitan areas by sex, age, race, and Hispanic origin**

(Numbers in thousands)

Employment status, sex, age, and race	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
<b>TOTAL</b>												
Civilian noninstitutional population .....	118,440	120,155	48,698	49,454	69,742	70,701	55,065	55,524	4,420	4,361	50,645	51,163
Civilian labor force .....	76,266	77,390	30,326	30,693	45,942	46,697	33,499	34,017	2,717	2,739	30,782	31,278
Percent of population .....	64.4	64.4	62.3	62.0	65.9	66.0	60.8	61.3	61.5	62.8	60.8	61.1
Employed .....	68,036	71,125	26,551	27,739	41,485	43,398	29,471	30,675	2,572	2,629	26,899	28,246
Unemployed .....	8,231	6,265	3,775	2,954	4,456	3,311	4,028	3,142	145	109	3,883	3,033
Unemployment rate .....	10.8	8.1	12.4	9.8	9.7	7.1	12.0	9.2	5.4	4.0	12.8	9.7
Not in labor force .....	42,172	42,765	18,372	18,761	23,800	24,004	21,566	21,507	1,703	1,623	19,883	19,884
<b>Men, 20 years and over</b>												
Civilian noninstitutional population .....	50,708	51,754	20,545	20,909	30,163	30,845	23,726	24,032	2,019	1,991	21,707	22,041
Civilian labor force .....	40,152	40,830	15,763	15,981	24,389	24,849	17,952	18,167	1,619	1,631	16,333	16,536
Percent of population .....	79.2	78.9	76.7	78.4	80.9	80.6	75.7	75.6	80.2	81.9	75.2	75.0
Employed .....	35,876	37,745	13,749	14,514	22,127	23,230	15,798	16,532	1,542	1,582	14,254	14,950
Unemployed .....	4,276	3,085	2,013	1,467	2,263	1,618	2,156	1,635	77	49	2,079	1,586
Unemployment rate .....	10.6	7.6	12.8	9.2	9.3	6.5	12.0	9.0	4.7	3.0	12.7	9.8
Not in labor force .....	10,556	10,924	4,782	4,928	5,774	5,998	5,774	5,865	400	360	5,374	5,505
<b>Women, 20 years and over</b>												
Civilian noninstitutional population .....	57,244	58,339	24,153	24,585	33,091	33,755	26,350	26,623	1,953	1,949	24,397	24,674
Civilian labor force .....	31,012	31,658	12,822	12,994	18,190	18,683	13,205	13,529	900	911	12,305	12,816
Percent of population .....	54.2	54.3	53.1	52.9	55.0	55.3	50.1	50.8	46.1	46.7	50.4	51.1
Employed .....	28,324	29,495	11,568	11,941	16,756	17,554	11,894	12,492	659	672	11,035	11,820
Unemployed .....	2,688	2,163	1,253	1,054	1,435	1,111	1,311	1,037	41	39	1,270	996
Unemployment rate .....	8.7	8.6	9.8	8.1	7.9	8.0	9.9	7.7	4.8	4.3	10.3	7.9
Not in labor force .....	26,233	26,681	11,331	11,590	14,902	15,090	13,145	13,095	1,053	1,038	12,092	12,057
<b>Both sexes, 16 to 19 years</b>												
Civilian noninstitutional population .....	10,488	10,061	4,000	3,960	6,488	6,102	4,989	4,869	448	422	4,541	4,447
Civilian labor force .....	5,104	4,902	1,741	1,717	3,363	3,184	2,341	2,321	198	197	2,143	2,124
Percent of population .....	48.7	48.7	43.5	43.4	51.8	52.2	46.9	47.7	44.2	48.7	47.2	47.8
Employed .....	3,836	3,885	1,234	1,263	2,602	2,602	1,780	1,852	170	178	1,810	1,878
Unemployed .....	1,267	1,017	509	434	758	582	581	470	28	21	533	449
Unemployment rate .....	24.6	20.7	29.2	25.3	22.5	18.3	24.0	20.2	13.9	10.9	24.9	21.1
Not in labor force .....	5,384	5,160	2,259	2,243	3,125	2,918	2,648	2,548	250	225	2,398	2,323
<b>White</b>												
Civilian noninstitutional population .....	100,477	101,849	36,641	37,298	63,838	64,550	49,756	50,252	4,221	4,200	45,535	46,052
Civilian labor force .....	65,058	66,074	23,143	23,525	41,915	42,546	30,441	31,010	2,628	2,659	27,813	28,351
Percent of population .....	64.7	64.9	63.2	63.1	65.9	65.9	61.2	61.7	62.3	63.3	61.1	61.6
Employed .....	58,991	61,488	20,833	21,755	36,058	37,732	27,030	28,382	2,487	2,561	24,533	25,621
Unemployed .....	8,167	4,586	2,310	1,770	3,657	2,818	3,412	2,628	131	99	3,281	2,529
Unemployment rate .....	9.5	6.9	10.0	7.5	9.2	6.8	11.2	6.5	5.0	3.7	11.8	6.9
Not in labor force .....	35,419	35,775	13,498	13,773	21,921	22,002	19,314	19,242	1,592	1,540	17,722	17,702
<b>Black</b>												
Civilian noninstitutional population .....	14,388	14,807	10,269	10,405	4,099	4,403	4,407	4,415	143	122	4,264	4,293
Civilian labor force .....	8,868	9,085	6,075	6,091	2,793	2,994	2,525	2,523	59	63	2,466	2,460
Percent of population .....	61.6	61.4	59.0	58.5	68.1	68.0	57.3	57.2	41.1	51.9	57.8	57.3
Employed .....	7,022	7,574	4,707	4,987	2,315	2,588	2,028	2,095	49	55	1,979	2,040
Unemployed .....	1,846	1,512	1,367	1,104	479	408	497	428	9	9	488	419
Unemployment rate .....	20.8	16.8	22.5	18.1	17.2	13.8	19.7	17.0	( <sup>1</sup> )	13.8	19.8	17.0
Not in labor force .....	5,520	5,722	4,215	4,314	1,305	1,408	1,882	1,892	84	59	1,798	1,833
<b>Hispanic origin</b>												
Civilian noninstitutional population .....	8,116	8,608	4,735	5,018	3,381	3,591	1,300	1,313	38	52	1,262	1,281
Civilian labor force .....	5,129	5,427	2,915	3,073	2,214	2,355	801	824	25	36	778	786
Percent of population .....	63.2	63.0	61.8	61.2	65.5	65.8	61.6	62.7	( <sup>1</sup> )	( <sup>1</sup> )	81.5	62.3
Employed .....	4,303	4,815	2,449	2,895	1,854	2,120	638	702	17	35	621	667
Unemployed .....	826	613	466	378	360	235	163	122	8	3	155	119
Unemployment rate .....	16.1	11.3	18.0	12.3	18.3	10.0	20.4	14.8	( <sup>1</sup> )	( <sup>1</sup> )	20.0	15.1
Not in labor force .....	2,987	3,181	1,821	1,945	1,166	1,236	499	489	13	14	486	475

<sup>1</sup> 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  
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**A-69. Employment status of the civilian noninstitutional population in poverty and nonpoverty areas by race and Hispanic origin**

(Numbers in thousands)

Employment status and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
<b>TOTAL</b>												
Civilian noninstitutional population .....	30,056	30,265	143,449	145,414	11,206	11,360	107,234	108,794	18,849	18,904	36,216	36,620
Civilian labor force .....	16,758	16,991	93,008	94,415	5,994	6,092	70,273	71,298	10,784	10,899	22,735	23,118
Percent of population .....	55.8	56.1	64.8	64.9	53.5	53.6	65.5	65.5	57.1	57.7	62.8	63.1
Employed .....	14,184	14,879	83,323	87,121	4,833	5,133	63,204	65,992	9,351	9,746	20,119	21,129
Unemployed .....	2,574	2,112	9,685	7,294	1,162	959	7,070	5,306	1,413	1,153	2,615	1,989
Unemployment rate .....	15.4	12.4	10.4	7.7	19.4	15.7	10.1	7.4	13.1	10.6	11.5	8.6
Men, 20 years and over .....	15.5	11.8	10.3	7.3	20.0	14.8	9.9	7.0	13.1	10.2	11.5	8.4
Women, 20 years and over .....	12.2	10.6	8.5	6.5	14.7	13.4	8.1	6.3	10.7	9.0	9.6	7.1
Both sexes, 16 to 19 years .....	33.0	28.7	23.1	19.1	42.2	38.5	23.3	19.2	27.7	23.3	22.4	18.9
Men .....	33.1	28.5	26.0	21.1	44.5	41.2	26.1	21.0	27.0	22.5	25.5	21.4
Women .....	33.0	29.1	20.0	17.0	39.1	35.5	20.3	17.2	28.8	24.6	19.0	16.3
Not in labor force .....	13,297	13,273	50,441	50,999	5,212	5,268	36,960	37,497	8,065	8,005	13,481	13,502
<b>White</b>												
Civilian noninstitutional population .....	21,160	21,347	129,073	130,754	5,732	5,921	94,745	95,928	15,428	15,426	34,327	34,826
Civilian labor force .....	12,127	12,303	83,373	84,780	3,190	3,274	61,869	62,799	8,937	9,029	21,505	21,981
Percent of population .....	57.3	57.6	64.6	64.8	55.8	55.3	65.3	65.5	57.9	58.5	62.6	63.1
Employed .....	10,637	11,129	75,285	78,741	2,727	2,906	58,164	58,582	7,910	8,223	19,120	20,159
Unemployed .....	1,490	1,174	8,089	6,039	463	369	5,704	4,217	1,027	806	2,384	1,822
Unemployment rate .....	12.3	9.5	9.7	7.1	14.5	11.3	9.2	6.7	11.5	8.9	11.1	8.3
Men, 20 years and over .....	12.6	9.2	9.7	6.8	14.8	10.7	9.1	6.3	11.7	8.7	11.2	8.2
Women, 20 years and over .....	9.3	7.9	7.6	5.8	10.9	9.5	7.2	5.5	8.7	7.3	8.9	6.7
Both sexes, 18 to 19 years .....	26.4	21.4	21.8	17.6	30.8	24.9	21.7	17.4	24.8	20.1	22.0	18.2
Men .....	27.1	21.2	24.5	19.7	34.2	26.6	24.3	19.3	24.6	19.7	25.0	20.9
Women .....	25.2	21.6	19.0	15.5	26.0	23.3	19.1	15.5	24.9	20.8	18.7	15.6
Not in labor force .....	9,034	9,044	45,700	45,973	2,542	2,646	32,877	33,129	8,491	6,397	12,823	12,845
<b>Black</b>												
Civilian noninstitutional population .....	6,233	8,252	10,563	10,971	5,207	5,156	9,182	9,651	3,026	3,095	1,381	1,320
Civilian labor force .....	4,284	4,360	7,109	7,248	2,662	2,673	6,206	6,413	1,622	1,688	902	835
Percent of population .....	52.0	52.8	67.3	68.1	51.1	51.8	67.6	66.4	53.6	54.5	65.3	63.3
Employed .....	3,274	3,488	5,776	6,181	1,984	2,100	5,039	5,473	1,291	1,387	737	708
Unemployed .....	1,010	873	1,333	1,067	678	572	1,167	940	331	301	165	128
Unemployment rate .....	23.6	20.0	18.7	14.7	25.5	21.4	18.8	14.7	20.4	17.8	18.3	15.3
Men, 20 years and over .....	24.4	19.2	18.3	13.7	27.5	20.9	18.5	13.8	19.6	16.8	16.2	12.8
Women, 20 years and over .....	18.5	16.8	16.7	12.7	18.7	17.3	16.3	12.4	18.3	15.9	19.3	14.4
Both sexes, 16 to 19 years .....	53.0	50.6	40.3	41.0	56.3	55.8	42.3	41.3	46.1	41.5	( <sup>1</sup> )	( <sup>1</sup> )
Men .....	52.1	50.8	45.3	43.0	57.3	57.5	46.4	43.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women .....	54.2	50.2	34.6	38.9	55.1	53.5	37.4	39.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not in labor force .....	3,949	3,891	3,454	3,723	2,545	2,484	2,975	3,238	1,494	1,407	479	485
<b>Hispanic origin</b>												
Civilian noninstitutional population .....	2,400	2,526	7,016	7,395	1,794	1,970	6,322	6,638	606	556	694	757
Civilian labor force .....	1,296	1,374	4,634	4,877	944	1,050	4,185	4,377	353	324	448	499
Percent of population .....	54.0	54.4	66.0	65.9	52.6	53.3	66.2	65.9	58.3	58.3	64.6	66.0
Employed .....	1,050	1,153	3,892	4,363	76.6	87.8	3,538	3,936	284	275	354	427
Unemployed .....	247	221	742	513	17.8	17.2	648	441	69	49	94	73
Unemployment rate .....	19.0	16.1	16.0	10.5	18.9	16.4	15.5	10.1	19.5	15.2	21.0	14.5
Men, 20 years and over .....	17.0	15.0	14.3	9.5	16.2	14.7	13.9	9.0	19.1	15.8	18.0	14.4
Women, 20 years and over .....	16.5	13.9	15.6	9.2	16.9	14.8	14.8	8.8	15.2	10.6	23.3	12.1
Both sexes, 16 to 19 years .....	38.5	30.7	30.2	25.1	39.5	31.8	30.1	25.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Men .....	39.5	31.9	34.8	27.1	42.0	( <sup>1</sup> )	34.3	26.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women .....	( <sup>1</sup> )	( <sup>1</sup> )	24.4	23.0	( <sup>1</sup> )	( <sup>1</sup> )	24.7	23.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not in labor force .....	1,103	1,152	2,382	2,518	850	920	2,136	2,261	253	232	246	257

<sup>1</sup> 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. With the publication of first quarter 1984 data in this issue of Employment and Earnings, BLS will suspend the publication of data on the employment status of persons residing in poverty and nonpoverty areas. This is being done because the phase-in of the Current Population Survey

(CPS) sample design based on 1980 census information, that begins in April 1984, results in a mix of 1970 and 1980 census poverty definitions and thus precludes the comparability of these estimates during the phase-in period. Poverty area estimates based on 1980 census definitions will be introduced effective with the fourth quarter of 1985. A more detailed description of this and other aspects of the new CPS sample design will appear in the May 1984 issue of this publication.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-70. 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	1983					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
<b>TOTAL</b>										
Total families .....	60,858	8,825	31.9	68.1	57.0	81,538	6,897	31.5	68.5	58.3
With children under 18 years of age .....	30,597	5,220	35.0	65.0	53.4	30,916	4,058	33.3	66.7	56.1
Married-couple families .....	49,139	6,855	24.9	75.1	63.9	49,456	4,978	24.2	75.8	65.4
With children under 18 years of age .....	23,976	4,013	25.7	74.3	61.9	24,073	3,012	23.3	76.7	65.5
Families maintained by women .....	9,602	1,741	55.8	44.2	33.7	9,899	1,572	53.1	46.9	36.5
With children under 18 years of age .....	5,869	1,061	66.0	34.0	25.1	6,013	929	62.9	37.1	27.9
Families maintained by men .....	2,117	429	43.6	56.4	44.5	2,183	348	39.0	61.0	55.2
With children under 18 years of age .....	752	147	64.2	35.4	23.8	830	117	57.3	42.7	39.3
<b>White</b>										
Total families .....	52,985	7,082	29.8	70.2	59.0	53,574	5,400	29.1	70.9	60.6
With children under 18 years of age .....	25,852	4,146	32.2	67.8	55.7	26,079	3,117	29.7	70.3	59.4
Married-couple families .....	44,632	5,739	25.4	74.6	63.4	45,028	4,260	24.8	75.4	65.0
With children under 18 years of age .....	21,408	3,436	26.3	73.7	61.2	21,489	2,535	23.5	76.5	65.4
Families maintained by women .....	8,635	1,028	50.7	49.3	38.5	8,811	867	48.3	51.7	40.8
With children under 18 years of age .....	3,823	597	61.3	38.7	28.8	3,925	495	57.0	43.0	32.1
Families maintained by men .....	1,718	316	41.8	58.2	45.3	1,735	253	37.2	62.8	56.5
With children under 18 years of age .....	621	113	58.0	42.0	29.5	868	88	56.3	43.7	39.1
<b>Black</b>										
Total families .....	6,435	1,506	42.2	57.8	47.8	6,595	1,327	40.7	59.3	49.9
With children under 18 years of age .....	3,860	929	47.4	52.6	43.4	3,957	827	45.6	54.4	44.9
Married-couple families .....	3,353	742	22.2	77.8	67.3	3,352	595	20.0	80.0	70.3
With children under 18 years of age .....	1,831	466	21.7	78.3	66.7	1,869	386	19.9	80.1	67.9
Families maintained by women .....	2,762	668	83.3	38.7	27.0	2,869	853	59.3	40.7	31.1
With children under 18 years of age .....	1,919	434	72.4	27.8	20.5	1,952	418	68.9	31.1	23.7
Families maintained by men .....	319	96	49.0	51.0	42.7	374	80	43.8	56.2	51.3
With children under 18 years of age .....	111	29	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	136	22	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Hispanic origin</b>										
Total families .....	3,341	899	33.6	68.4	54.2	3,549	584	36.2	63.8	53.9
With children under 18 years of age .....	2,265	479	38.2	61.8	50.1	2,380	406	38.7	61.3	52.0
Married-couple families .....	2,411	548	28.8	71.2	59.3	2,578	410	32.7	67.3	58.0
With children under 18 years of age .....	1,658	399	32.1	67.9	58.1	1,752	313	33.3	66.7	57.4
Families maintained by women .....	766	119	56.3	43.7	31.1	807	121	51.2	48.8	37.2
With children under 18 years of age .....	556	73	69.9	30.1	19.2	570	85	56.5	43.5	34.1
Families maintained by men .....	164	32	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	184	34	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
With children under 18 years of age .....	51	7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	58	9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> 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-71. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members**

(Numbers in thousands)

Family relationship, race, and Hispanic origin	I 1983				I 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
<b>TOTAL</b>								
Total unemployed in families <sup>1</sup> .....	10,384	34.4	65.6	54.8	7,846	33.5	66.5	56.4
Husbands .....	3,149	43.3	56.7	41.0	2,124	44.2	55.8	41.0
With children under 18 years of age .....	2,015	46.0	54.0	36.4	1,300	45.4	54.6	38.4
Wives .....	1,924	24.1	75.9	66.2	1,480	20.2	79.8	71.9
With children under 18 years of age .....	1,209	23.1	76.9	68.8	953	19.2	80.8	72.7
Relatives in married-couple families .....	2,713	12.4	87.8	80.2	2,040	13.1	86.9	79.6
Women who maintain families .....	779	83.6	18.4	9.0	655	84.8	15.4	10.4
With children under 18 years of age .....	658	89.5	10.5	4.9	544	91.8	8.2	4.7
Relatives in families maintained by women .....	1,313	39.5	60.5	48.1	1,158	35.4	64.6	50.9
Men who maintain families .....	211	71.3	28.7	18.1	154	66.0	32.0	26.6
With children under 18 years of age .....	101	87.7	12.3	4.1	69	91.1	8.9	7.9
Relatives in families maintained by men .....	295	30.3	69.7	57.0	238	23.8	76.2	71.6
<b>White</b>								
Total unemployed in families <sup>1</sup> .....	8,151	32.4	67.6	58.6	8,018	31.5	68.5	58.4
Husbands .....	2,751	44.3	55.7	39.8	1,843	45.0	55.0	40.0
With children under 18 years of age .....	1,742	47.4	52.8	34.4	1,173	46.4	53.6	37.1
Wives .....	1,680	24.1	75.9	68.2	1,269	20.5	79.5	71.8
With children under 18 years of age .....	1,030	23.2	76.8	68.9	805	19.5	80.5	73.0
Relatives in married-couple families .....	2,199	11.9	88.1	81.0	1,655	13.1	86.9	80.1
Women who maintain families .....	425	79.2	20.8	11.1	348	80.4	19.6	13.9
With children under 18 years of age .....	353	86.3	13.7	8.0	270	89.9	10.1	5.7
Relatives in families maintained by women .....	747	34.5	65.5	54.2	824	32.2	67.8	54.2
Men who maintain families .....	153	69.6	30.4	17.8	112	67.9	32.1	25.8
With children under 18 years of age .....	71	86.5	13.5	4.3	53	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Relatives in families maintained by men .....	216	27.2	72.8	59.0	166	19.6	80.4	75.1
<b>Black</b>								
Total unemployed in families <sup>1</sup> .....	1,951	43.0	57.0	46.8	1,817	41.0	59.0	48.9
Husbands .....	313	37.3	62.7	50.1	223	34.9	65.1	51.8
With children under 18 years of age .....	217	36.2	63.8	50.8	171	35.3	64.7	48.6
Wives .....	209	24.6	75.4	66.6	161	20.3	79.7	69.3
With children under 18 years of age .....	144	22.3	77.7	66.2	111	18.7	81.3	68.0
Relatives in married-couple families .....	445	15.2	84.8	75.7	334	12.7	87.3	77.4
Women who maintain families .....	327	89.6	10.4	8.0	292	89.7	10.3	6.4
With children under 18 years of age .....	286	93.3	6.7	4.0	261	93.6	6.4	3.9
Relatives in families maintained by women .....	542	45.6	54.2	40.3	511	39.5	60.5	46.8
Men who maintain families .....	48	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	33	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
With children under 18 years of age .....	26	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Relatives in families maintained by men .....	68	39.2	60.6	50.3	64	36.6	63.4	60.1
<b>Hispanic origin</b>								
Total unemployed in families <sup>1</sup> .....	875	35.0	65.0	53.4	656	39.0	61.0	51.2
Husbands .....	271	52.8	47.2	33.6	214	56.7	43.3	31.9
With children under 18 years of age .....	205	58.7	41.3	26.5	172	56.5	43.5	31.3
Wives .....	200	23.2	76.8	68.2	126	22.4	77.6	66.3
With children under 18 years of age .....	148	22.1	77.9	68.3	95	23.8	76.2	66.2
Relatives in married-couple families .....	224	10.2	89.8	78.7	131	17.0	83.0	76.7
Women who maintain families .....	49	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	49	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
With children under 18 years of age .....	42	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	41	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Relatives in families maintained by women .....	94	45.5	54.5	40.4	94	38.1	61.9	47.7
Men who maintain families .....	14	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	15	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
With children under 18 years of age .....	4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Relatives in families maintained by men .....	24	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	24	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> 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.

<sup>2</sup> 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-72. Employed civilians by family relationship, race, Hispanic origin, and presence of additional employed family members**

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1983				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
<b>TOTAL</b>								
Total employed in families <sup>1</sup> .....	80,812	27.7	72.3	59.7	84,282	25.8	74.2	62.2
Husbands .....	35,817	37.0	63.0	44.0	38,764	34.8	65.2	46.6
With children under 18 years of age .....	20,818	39.6	60.4	38.3	21,515	37.4	62.6	41.2
Wives .....	23,480	13.3	86.7	80.4	24,403	10.5	89.5	83.8
With children under 18 years of age .....	12,852	9.7	90.3	84.8	13,259	7.3	92.7	87.8
Relatives in married-couple families .....	10,733	7.2	92.8	87.4	11,213	7.3	92.7	88.1
Women who maintain families .....	4,977	86.0	34.0	20.5	5,308	65.3	34.7	22.3
With children under 18 years of age .....	3,305	80.3	19.7	8.0	3,518	80.3	19.7	8.9
Relatives in families maintained by women .....	3,575	28.0	72.0	59.9	3,964	28.2	73.8	62.7
Men who maintain families .....	1,389	56.8	43.2	29.8	1,518	55.3	44.7	32.0
With children under 18 years of age .....	561	79.7	20.3	8.1	675	79.2	20.8	10.0
Relatives in families maintained by men .....	1,041	20.7	79.3	70.8	1,115	18.4	81.6	72.8
<b>White</b>								
Total employed in families <sup>1</sup> .....	71,560	27.1	72.9	59.9	74,853	25.2	74.8	62.4
Husbands .....	32,485	37.4	62.8	43.0	33,548	35.2	64.8	45.6
With children under 18 years of age .....	18,781	40.3	59.7	36.7	19,379	38.1	61.9	39.5
Wives .....	21,025	12.7	87.3	80.9	21,932	10.0	90.0	84.3
With children under 18 years of age .....	11,120	9.1	90.9	85.4	11,682	8.8	93.2	88.5
Relatives in married-couple families .....	9,891	7.1	92.9	87.7	10,177	7.3	92.7	88.3
Women who maintain families .....	3,828	63.3	36.7	21.8	3,889	62.8	37.2	23.8
With children under 18 years of age .....	2,354	79.0	21.0	7.7	2,558	78.9	21.1	9.1
Relatives in families maintained by women .....	2,711	27.6	72.4	60.3	2,872	28.1	73.9	62.4
Men who maintain families .....	1,157	56.3	43.7	28.6	1,242	55.0	45.0	31.0
With children under 18 years of age .....	484	78.2	21.8	8.6	560	77.6	22.4	10.0
Relatives in families maintained by men .....	863	21.0	79.0	71.0	892	17.8	82.2	74.4
<b>Black</b>								
Total employed in families <sup>1</sup> .....	7,139	34.6	65.4	55.3	7,599	31.8	68.2	58.8
Husbands .....	2,274	32.6	67.4	53.8	2,396	29.0	71.0	58.5
With children under 18 years of age .....	1,439	32.3	67.7	53.7	1,555	28.3	71.7	58.8
Wives .....	1,902	19.8	80.2	73.3	1,856	15.1	84.9	78.2
With children under 18 years of age .....	1,104	16.4	83.8	77.6	1,171	11.2	88.8	82.8
Relatives in married-couple families .....	737	9.1	90.9	83.5	762	7.8	92.2	84.1
Women who maintain families .....	1,247	75.1	24.9	15.7	1,302	73.1	26.9	17.2
With children under 18 years of age .....	889	84.2	15.8	8.2	890	84.3	15.7	8.0
Relatives in families maintained by women .....	759	30.6	69.4	57.2	879	28.0	72.0	62.2
Men who maintain families .....	164	81.6	38.4	32.2	231	80.9	39.1	32.3
With children under 18 years of age .....	67	88.9	11.1	5.4	101	88.4	11.6	7.7
Relatives in families maintained by men .....	137	20.4	79.6	68.7	174	24.3	75.7	64.1
<b>Hispanic origin</b>								
Total employed in families <sup>1</sup> .....	4,239	32.8	67.2	56.4	4,731	28.4	71.6	61.3
Husbands .....	1,828	46.3	53.7	40.8	2,013	42.3	57.7	44.5
With children under 18 years of age .....	1,351	50.2	49.8	36.8	1,470	46.4	53.6	40.2
Wives .....	985	13.6	86.4	78.1	1,151	9.2	90.8	83.8
With children under 18 years of age .....	658	12.0	88.0	79.9	775	7.4	92.6	85.8
Relatives in married-couple families .....	663	9.1	90.9	84.3	708	7.5	92.5	88.2
Women who maintain families .....	311	68.0	32.0	20.3	347	60.3	39.7	28.8
With children under 18 years of age .....	214	77.8	22.2	11.1	227	74.4	25.6	15.3
Relatives in families maintained by women .....	211	29.3	70.7	54.2	286	23.0	77.0	65.8
Men who maintain families .....	125	47.8	52.2	41.8	117	37.0	63.0	45.3
With children under 18 years of age .....	39	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	43	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Relatives in families maintained by men .....	117	8.7	91.3	78.9	108	12.8	87.4	82.0

<sup>1</sup> 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.

<sup>2</sup> 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-73. 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			
	IV 1982	IV 1983	IV 1982	IV 1983	Percent change over the year in:	
					Current dollars	Constant dollars
<b>TOTAL</b>						
Total families with earners <sup>1</sup> .....	40,687	40,965	\$453	\$487	7.6	4.5
Married-couple families .....	33,078	33,195	500	537	7.4	4.4
One earner .....	14,497	13,753	347	358	3.1	.2
Husband .....	11,216	10,773	405	413	2.0	-.8
Wife .....	2,576	2,281	193	200	3.4	.5
Other family member .....	706	699	210	214	1.9	-.9
Two or more earners .....	18,581	19,442	623	659	5.8	2.9
Husband and wife .....	15,773	16,759	638	667	4.6	1.7
Husband and other family member(s) .....	2,105	2,051	595	667	12.2	9.0
Wife and other family member(s) .....	535	515	399	402	.5	-2.3
Other family members only .....	169	117	342	417	21.9	18.4
Families maintained by women .....	5,958	6,020	257	276	7.4	4.4
One earner .....	4,346	4,271	215	228	5.8	2.8
Householder .....	3,443	3,332	221	235	6.2	3.2
Other family member .....	903	940	191	203	6.3	3.3
Two or more earners .....	1,612	1,748	423	438	3.6	.7
Families maintained by men .....	1,651	1,750	398	430	8.1	5.0
One earner .....	1,066	1,070	325	336	3.4	.5
Two or more earners .....	585	680	565	573	1.3	-1.5
<b>White</b>						
Total families with earners <sup>1</sup> .....	35,237	35,474	469	502	7.1	4.0
Married-couple families .....	29,592	29,645	507	542	6.9	3.8
One earner .....	13,034	12,427	360	367	2.1	-.8
Husband .....	10,162	9,810	413	418	1.2	-1.6
Wife .....	2,220	1,982	196	202	3.3	.4
Two or more earners .....	16,558	17,218	631	666	5.7	2.7
Husband and wife .....	14,034	14,823	645	673	4.3	1.4
Families maintained by women .....	4,333	4,456	270	288	6.9	3.9
Families maintained by men .....	1,312	1,373	412	443	7.4	4.4
<b>Black</b>						
Total families with earners <sup>1</sup> .....	4,493	4,484	328	370	13.0	9.8
Married-couple families .....	2,686	2,745	418	468	11.8	8.7
One earner .....	1,093	988	247	279	13.1	9.9
Husband .....	781	694	275	329	19.6	16.2
Wife .....	274	249	181	171	-5.8	-8.5
Two or more earners .....	1,593	1,757	550	597	8.6	5.5
Husband and wife .....	1,377	1,545	565	613	8.5	5.5
Families maintained by women .....	1,513	1,436	226	240	6.2	3.2
Families maintained by men .....	293	303	300	395	31.7	28.0
<b>Hispanic origin</b>						
Total families with earners <sup>1</sup> .....	2,411	2,553	359	370	3.0	.1
Married-couple families .....	1,912	2,037	391	401	2.4	-.5
One earner .....	945	940	267	247	-7.5	-10.1
Husband .....	803	774	286	269	-8.0	-8.7
Wife .....	93	110	( <sup>2</sup> )	179	( <sup>2</sup> )	( <sup>2</sup> )
Two or more earners .....	967	1,097	\$504	568	12.7	9.5
Husband and wife .....	767	901	523	582	11.1	8.0
Families maintained by women .....	362	372	229	245	7.0	4.0
Families maintained by men .....	137	145	332	368	10.7	7.8

<sup>1</sup> 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.

<sup>2</sup> Data not shown where base is less than 100,000.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate quarterly and annual earnings data published in tables A-73 through A-76 and 1 through 4. 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. Beginning with first quarter 1984 data which will be published in the July issue of this publication, the Consumer Price Index for All Urban Consumers (CPI-U) will be used to calculate percent changes in constant-dollar earnings because it covers a much larger proportion of the population. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-74. 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			
	IV 1982	IV 1983	IV 1982	IV 1983	Percent change over the year in:	
					Current dollars	Constant dollars
Married-couple families <sup>1</sup> .....	4,236	3,428	\$345	\$361	4.7	1.8
Husband unemployed .....	1,406	1,025	203	221	8.5	5.5
Wife only earner .....	1,080	784	189	208	10.1	7.0
Wife and other earner(s) .....	185	141	369	361	-2.1	-4.9
Other earner(s) only .....	141	100	150	214	43.1	39.1
Wife unemployed .....	1,385	1,123	366	367	.3	-2.5
Husband only earner .....	1,181	992	343	350	2.1	-.8
Husband and other earner(s) .....	181	109	545	508	-6.8	-9.4
Other earner(s) only .....	23	22	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other member(s) unemployed .....	1,445	1,280	\$524	\$554	5.6	2.7
Husband or wife earner .....	713	612	417	469	12.6	9.5
Both husband and wife earners .....	697	630	670	656	-2.0	-4.8
Other combinations of earners .....	35	39	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Families maintained by women <sup>1</sup> .....	742	669	\$235	\$238	1.3	-1.6
Householder unemployed .....	94	98	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other member(s) unemployed .....	648	571	\$250	\$247	-1.3	-4.1
Families maintained by men <sup>1</sup> .....	214	255	277	334	20.6	17.2

<sup>1</sup> 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.

<sup>2</sup> Data not shown where base is less than 100,000.

**A-75. Median weekly earnings of full-time wage and salary workers by selected characteristics**

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	IV 1982	IV 1983	IV 1982	IV 1983	Percent change over the year in:	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over .....	69,478	72,175	\$316	\$327	3.3	0.4
Men, 16 years and over .....	41,474	43,043	379	393	3.7	.8
16 to 24 years .....	6,360	6,588	235	233	-.6	-3.4
25 years and over .....	35,113	36,475	409	422	3.2	.3
Women, 16 years and over .....	28,004	29,131	248	260	5.1	2.2
16 to 24 years .....	5,130	5,248	197	207	4.9	2.0
25 years and over .....	22,875	23,883	265	277	4.6	1.7
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	28,613	29,153	414	426	2.9	( <sup>2</sup> )
Wives .....	14,511	15,377	250	265	6.1	3.1
Others in married-couple families .....	5,809	5,989	214	219	2.4	-.5
Women who maintain families .....	4,014	3,962	250	266	6.4	3.4
Others in such families .....	2,226	2,514	220	226	2.6	-.3
Men who maintain families .....	1,276	1,374	370	389	5.2	2.2
Others in such families .....	828	914	232	236	1.9	-.9
All other men <sup>1</sup> .....	6,382	6,947	349	361	3.6	.6
All other women <sup>1</sup> .....	5,819	5,944	284	289	1.6	-1.3
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	60,503	62,788	325	334	2.8	-.1
Men .....	36,667	37,910	390	402	3.0	.1
Women .....	23,835	24,877	251	264	5.0	2.0
Black .....	7,117	7,484	254	274	7.7	4.7
Men .....	3,728	4,028	287	314	9.5	6.4
Women .....	3,390	3,456	228	239	4.5	1.6
Hispanic origin .....	3,994	4,291	243	252	3.7	.8
Men .....	2,544	2,717	271	277	2.3	-.6
Women .....	1,450	1,574	209	222	6.0	3.0

<sup>1</sup> 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.

<sup>2</sup> 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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-76. Median weekly earnings of part-time wage and salary workers by selected characteristics**

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	IV 1982	IV 1983	IV 1982	IV 1983	Percent change over the year in:	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 18 years and over .....	17,589	17,848	\$83	\$85	3.2	0.3
Men, 16 years and over .....	5,498	5,844	80	82	1.7	-1.2
16 to 24 years .....	3,233	3,288	88	67	-9	-3.7
25 years and over .....	2,265	2,355	103	111	8.2	5.1
Women, 16 years and over .....	12,091	12,205	84	88	5.2	2.2
18 to 24 years .....	4,180	4,103	65	87	2.7	-2
25 years and over .....	7,911	8,101	100	102	1.2	-1.7
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	1,530	1,544	104	111	7.3	4.2
Wives .....	6,260	6,464	101	102	1.1	-1.7
Others in married-couple families .....	4,933	4,876	63	64	2.0	-9
Women who maintain families .....	885	917	90	88	-2.0	-4.8
Others in such families .....	1,161	1,249	68	69	2.0	-9
Men who maintain families .....	113	106	95	101	5.9	2.9
Others in such families .....	307	362	78	80	2.3	-5
All other men <sup>1</sup> .....	864	934	92	104	12.1	9.0
All other women <sup>1</sup> .....	1,538	1,397	91	93	1.8	-1.1
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	15,506	15,758	83	86	4.0	1.0
Men .....	4,736	4,891	80	81	.9	-1.9
Women .....	10,770	10,867	84	90	6.7	3.6
Black .....	1,676	1,673	81	84	3.1	.2
Men .....	608	593	83	91	9.2	6.2
Women .....	1,068	1,080	80	82	2.6	-3
Hispanic origin .....	688	820	82	88	7.5	4.5
Men .....	230	285	83	87	4.8	1.8
Women .....	458	535	81	88	8.8	5.8

<sup>1</sup> 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.

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-77. 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
		4th quarter 1983
<b>TOTAL</b>		
Managerial and professional specialty .....	17,894	\$452
Executive, administrative, and managerial .....	8,241	470
Professional specialty .....	9,654	443
Technical, sales, and administrative support .....	21,954	293
Technicians and related support .....	2,592	369
Sales occupations .....	6,462	320
Administrative support, including clerical .....	12,900	272
Service occupations .....	7,361	216
Private household .....	241	112
Protective service .....	1,395	366
Service, except private household and protective .....	5,725	200
Precision production, craft, and repair .....	10,194	389
Mechanics and repairers .....	3,553	390
Construction trades .....	3,096	389
Other precision production, craft, and repair .....	3,545	387
Operators, fabricators, and laborers .....	13,668	282
Machine operators, assemblers, and inspectors .....	7,208	267
Transportation and material moving occupations .....	3,499	341
Handlers, equipment cleaners, helpers, and laborers .....	2,961	249
Farming, forestry, and fishing .....	1,102	203
<b>Men</b>		
Managerial and professional specialty .....	10,484	551
Executive, administrative, and managerial .....	5,276	569
Professional specialty .....	5,208	537
Technical, sales, and administrative support .....	8,355	401
Technicians and related support .....	1,476	433
Sales occupations .....	3,885	409
Administrative support, including clerical .....	2,994	371
Service occupations .....	3,765	264
Private household .....	7	( <sup>1</sup> )
Protective service .....	1,273	\$375
Service, except private household and protective .....	2,485	226
Precision production, craft, and repair .....	9,283	403
Mechanics and repairers .....	3,428	391
Construction trades .....	3,057	390
Other precision production, craft, and repair .....	2,798	425
Operators, fabricators, and laborers .....	10,162	321
Machine operators, assemblers, and inspectors .....	4,298	333
Transportation and material moving occupations .....	3,336	348
Handlers, equipment cleaners, helpers, and laborers .....	2,528	261
Farming, forestry, and fishing .....	994	207
<b>Women</b>		
Managerial and professional specialty .....	7,410	370
Executive, administrative, and managerial .....	2,964	349
Professional specialty .....	4,446	383
Technical, sales, and administrative support .....	13,600	254
Technicians and related support .....	1,117	312
Sales occupations .....	2,577	214
Administrative support, including clerical .....	9,906	255
Service occupations .....	3,596	184
Private household .....	233	112
Protective service .....	122	272
Service, except private household and protective .....	3,241	186
Precision production, craft, and repair .....	911	257
Mechanics and repairers .....	125	365
Construction trades .....	39	( <sup>1</sup> )
Other precision production, craft, and repair .....	747	\$244
Operators, fabricators, and laborers .....	3,506	211
Machine operators, assemblers, and inspectors .....	2,910	209
Transportation and material moving occupations .....	163	256
Handlers, equipment cleaners, helpers, and laborers .....	433	211
Farming, forestry, and fishing .....	109	168

<sup>1</sup> Data not shown where base is less than 100,000.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**1. 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			
	1982	1983	1982	1983	Percent change over the year in:	
					Current dollars	Constant dollars
<b>TOTAL</b>						
Total families with earners <sup>1</sup> .....	40,844	40,701	\$452	\$473	4.8	1.7
Married-couple families .....	33,225	33,032	496	521	4.9	1.8
One earner .....	14,592	14,321	343	357	3.9	.9
Husband .....	11,426	11,088	396	412	4.0	.9
Wife .....	2,465	2,522	194	204	5.6	2.5
Other family member .....	700	712	192	200	4.4	1.3
Two or more earners .....	18,633	18,710	619	649	4.9	1.8
Husband and wife .....	15,841	15,955	627	659	5.0	1.9
Husband and other family member(s) .....	2,167	2,084	624	655	5.0	1.9
Wife and other family member(s) .....	475	529	391	391	-.1	-3.0
Other family members only .....	151	143	400	369	-7.7	-10.5
Families maintained by women .....	5,933	5,956	253	272	7.4	4.2
One earner .....	4,253	4,190	211	225	6.9	3.7
Householder .....	3,363	3,247	217	233	7.6	4.4
Other family member .....	891	943	187	194	3.8	.7
Two or more earners .....	1,680	1,766	420	440	4.7	1.6
Families maintained by men .....	1,686	1,713	403	418	3.6	.6
One earner .....	1,077	1,066	331	335	1.1	-1.9
Two or more earners .....	609	647	558	586	5.0	1.9
<b>White</b>						
Total families with earners <sup>1</sup> .....	35,413	35,138	468	490	4.7	1.6
Married-couple families .....	29,723	29,404	504	528	4.9	1.8
One earner .....	13,164	12,867	355	369	4.0	.9
Husband .....	10,429	10,106	405	419	3.5	.4
Wife .....	2,101	2,127	195	205	5.4	2.3
Two or more earners .....	16,559	16,538	626	657	4.9	1.8
Husband and wife .....	14,034	14,055	634	665	4.9	1.8
Families maintained by women .....	4,325	4,354	267	286	7.0	3.9
Families maintained by men .....	1,366	1,380	418	433	3.7	.7
<b>Black</b>						
Total families with earners <sup>1</sup> .....	4,479	4,564	329	348	6.0	2.8
Married-couple families .....	2,729	2,819	410	430	4.9	1.8
One earner .....	1,101	1,120	241	254	5.7	2.6
Husband .....	742	731	271	305	12.4	9.0
Wife .....	309	325	189	195	3.1	( <sup>2</sup> )
Two or more earners .....	1,628	1,699	540	572	5.9	2.8
Husband and wife .....	1,425	1,492	553	591	6.9	3.7
Families maintained by women .....	1,485	1,474	220	231	5.0	1.8
Families maintained by men .....	266	271	334	340	1.7	-1.4
<b>Hispanic origin</b>						
Total families with earners <sup>1</sup> .....	2,429	2,484	359	370	3.0	( <sup>2</sup> )
Married-couple families .....	1,925	1,945	393	403	2.6	-.5
One earner .....	929	948	265	265	.2	-2.8
Husband .....	782	790	287	290	.9	-2.1
Wife .....	103	105	178	184	3.5	.4
Two or more earners .....	996	996	517	547	5.8	2.7
Husband and wife .....	799	786	527	556	5.6	2.5
Families maintained by women .....	373	397	224	248	10.8	7.5
Families maintained by men .....	131	142	338	378	12.1	8.8

<sup>1</sup> 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.

<sup>2</sup> Less than 0.05 percent.

2. 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			
	1982	1983	1982	1983	Percent change over the year in:	
					Current dollars	Constant dollars
Married-couple families <sup>1</sup> .....	4,107	4,090	\$347	\$357	2.9	-0.1
Husband unemployed .....	1,300	1,325	200	216	8.0	4.8
Wife only earner .....	1,013	1,026	189	206	9.4	6.2
Wife and other earner(s) .....	153	167	371	362	-2.5	-5.4
Other earner(s) only .....	134	132	161	155	-3.6	-6.4
Wife unemployed .....	1,301	1,282	346	369	5.8	2.7
Husband only earner .....	1,114	1,100	330	347	5.3	2.2
Husband and other earner(s) .....	167	158	584	574	-1.7	-4.6
Other earner(s) only .....	20	24	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other member(s) unemployed .....	1,506	1,483	\$537	\$564	5.0	1.9
Husband or wife earner .....	660	667	424	446	5.3	2.2
Both husband and wife earners .....	799	759	646	684	5.9	2.6
Other combinations of earners .....	48	57	( <sup>2</sup> )	222	( <sup>2</sup> )	( <sup>2</sup> )
Families maintained by women <sup>1</sup> .....	750	737	\$227	241	6.3	3.1
Householder unemployed .....	102	110	152	163	6.9	3.8
Other member(s) unemployed .....	647	627	241	253	5.3	2.2
Families maintained by men <sup>1</sup> .....	232	241	299	327	9.3	6.1

<sup>1</sup> 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.

<sup>2</sup> Data not shown where base is less than 50,000.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**3. Median weekly earnings of full-time wage and salary workers by selected characteristics**

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	1982	1983	1982	1983	Percent change over the year in:	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over .....	70,546	70,976	\$309	\$322	4.1	1.0
Men, 16 years and over .....	42,279	42,309	371	387	4.5	1.4
16 to 24 years .....	6,870	6,702	231	230	-4	-3.4
25 years and over .....	35,409	35,607	403	418	3.6	.5
Women, 16 years and over .....	26,267	28,667	241	254	5.2	2.1
16 to 24 years .....	5,507	5,345	194	203	4.4	1.3
25 years and over .....	22,760	23,322	257	272	5.8	2.7
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	28,962	28,720	407	422	3.7	.7
Wives .....	14,553	14,884	246	261	6.1	3.0
Others in married-couple families .....	6,137	6,207	207	214	3.3	.2
Women who maintain families .....	4,006	3,948	243	260	6.7	3.6
Others in such families .....	2,313	2,464	216	224	3.9	.8
Men who maintain families .....	1,341	1,331	365	387	6.0	2.8
Others in such families .....	825	879	228	232	1.8	-1.2
All other men <sup>1</sup> .....	6,598	6,740	345	355	2.9	-.2
All other women <sup>1</sup> .....	5,811	5,803	270	279	3.5	.4
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	61,463	61,739	317	329	3.7	.6
Men .....	37,435	37,378	382	398	4.3	1.2
Women .....	24,029	24,361	244	257	5.3	2.2
Black .....	7,281	7,373	247	264	6.8	3.6
Men .....	3,836	3,883	281	300	6.5	3.3
Women .....	3,445	3,490	223	237	6.4	3.2
Hispanic origin .....	4,056	4,127	242	251	3.5	.5
Men .....	2,573	2,613	272	278	2.2	-.9
Women .....	1,483	1,514	207	221	6.5	3.3

<sup>1</sup> 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.



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

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	1982	1983	1982	1983	Percent change over the year in:	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over .....	16,822	17,314	\$83	\$86	3.9	0.8
Men, 16 years and over .....	5,312	5,547	80	82	2.0	-1.1
16 to 24 years .....	3,153	3,272	68	69	.8	-2.2
25 years and over .....	2,160	2,275	104	110	6.5	3.4
Women, 16 years and over .....	11,510	11,767	85	89	5.3	2.2
16 to 24 years .....	3,919	3,986	67	68	1.4	-1.6
25 years and over .....	7,591	7,781	100	102	2.0	-1.0
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	1,474	1,468	104	112	8.0	4.8
Wives .....	6,031	6,165	101	103	2.0	-1.0
Others in married-couple families .....	4,674	4,659	65	66	2.0	-1.0
Women who maintain families .....	851	861	94	98	4.7	1.6
Others in such families .....	1,144	1,225	69	70	1.6	-1.4
Men who maintain families .....	93	111	103	109	5.3	2.2
Others in such families .....	296	332	75	80	6.4	3.3
All other men <sup>1</sup> .....	805	846	100	103	2.8	-.3
All other women <sup>1</sup> .....	1,454	1,447	91	91	.7	-2.3
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	14,949	15,307	83	87	4.8	1.7
Men .....	4,627	4,790	80	82	1.9	-1.1
Women .....	10,322	10,517	85	90	5.5	2.4
Black .....	1,500	1,606	80	82	2.2	-.8
Men .....	521	594	81	84	2.8	-.2
Women .....	979	1,013	79	81	2.3	-.7
Hispanic origin .....	735	824	84	93	11.1	7.8
Men .....	277	315	83	100	19.7	16.1
Women .....	458	509	85	91	6.7	3.5

<sup>1</sup> 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.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**5. 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
	1983	
<b>TOTAL</b>		
Managerial and professional specialty .....	17,451	\$444
Executive, administrative, and managerial .....	8,117	466
Professional specialty .....	9,334	433
Technical, sales, and administrative support .....	21,641	288
Technicians and related support .....	2,574	362
Sales occupations .....	6,313	317
Administrative support, including clerical .....	12,755	267
Service occupations .....	7,321	212
Private household .....	278	116
Protective service .....	1,453	350
Service, except private household and protective .....	5,590	197
Precision production, craft, and repair .....	9,963	386
Mechanics and repairers .....	3,538	383
Construction trades .....	3,011	384
Other precision production, craft, and repair .....	3,414	392
Operators, fabricators, and laborers .....	13,319	278
Machine operators, assemblers, and inspectors .....	6,990	264
Transportation and material moving occupations .....	3,358	339
Handlers, equipment cleaners, helpers, and laborers .....	2,970	243
Farming, forestry, and fishing .....	1,280	201
<b>Men</b>		
Managerial and professional specialty .....	10,312	543
Executive, administrative, and managerial .....	5,344	560
Professional specialty .....	4,967	528
Technical, sales, and administrative support .....	8,125	397
Technicians and related support .....	1,428	431
Sales occupations .....	3,853	402
Administrative support, including clerical .....	2,844	371
Service occupations .....	3,723	260
Private household .....	11	( <sup>1</sup> )
Protective service .....	1,314	\$362
Service, except private household and protective .....	2,398	225
Precision production, craft, and repair .....	9,180	400
Mechanics and repairers .....	3,418	385
Construction trades .....	2,966	386
Other precision production, craft, and repair .....	2,796	420
Operators, fabricators, and laborers .....	9,833	316
Machine operators, assemblers, and inspectors .....	4,138	327
Transportation and materials moving occupations .....	3,199	343
Handlers, equipment cleaners, helpers, and laborers .....	2,496	250
Farming, forestry, and fishing .....	1,137	205
<b>Women</b>		
Managerial and professional specialty .....	7,139	362
Executive, administrative, and managerial .....	2,772	344
Professional specialty .....	4,367	373
Technical, sales, and administrative support .....	13,517	248
Technicians and related support .....	1,146	303
Sales occupations .....	2,460	210
Administrative support, including clerical .....	9,911	250
Service occupations .....	3,598	180
Private household .....	267	115
Protective service .....	139	250
Service, except private household and protective .....	3,193	182
Precision production, craft, and repair .....	784	252
Mechanics and repairers .....	120	341
Construction trades .....	45	( <sup>1</sup> )
Other precision production, craft, and repair .....	619	\$243
Operators, fabricators, and laborers .....	3,486	210
Machine operators, assemblers, and inspectors .....	2,853	208
Transportation and material moving occupations .....	159	255
Handlers, equipment cleaners, helpers, and laborers .....	474	215
Farming, forestry, and fishing .....	143	170

<sup>1</sup> Data not shown where base is less than 50,000.



# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
-	<b>TOTAL</b> .....	87,613	88,172	90,635	91,133	91,788	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	71,625	72,121	74,889	75,111	75,699	57,529	57,989	60,376	60,543	61,069
-	<b>MINING</b> .....	1,001	996	1,043	1,040	1,044	704	699	743	738	742
10	<b>METAL MINING</b> .....	60.7	60.8	63.4	63.3	-	43.6	44.2	46.4	46.5	-
101	Iron ores .....	8.6	8.5	8.8	8.7	-	5.7	5.6	6.2	6.2	-
102	Copper ores .....	19.3	19.7	19.6	19.6	-	13.8	14.4	13.7	14.0	-
11, 12	<b>COAL MINING</b> .....	203.9	204.5	214.2	213.8	-	162.8	163.8	173.2	172.8	-
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	201.1	201.8	211.7	211.3	-	160.4	161.4	171.0	170.6	-
13	<b>OIL AND GAS EXTRACTION</b> .....	640.3	628.8	660.3	657.1	-	426.4	415.5	445.7	440.9	-
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	279.7	279.6	276.9	277.3	-	129.3	129.4	127.3	126.6	-
138	Oil and gas field services .....	360.6	349.2	383.4	379.8	-	297.1	286.1	318.4	314.3	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	95.4	101.6	104.6	105.6	-	70.8	75.9	77.5	78.0	-
142	Crushed and broken stone .....	30.7	33.9	33.7	34.4	-	22.9	26.0	25.5	25.0	-
144	Sand and gravel .....	27.3	29.2	31.8	32.1	-	-	-	-	-	-
147	Chemical and fertilizer minerals .....	20.9	20.5	20.8	20.8	-	-	-	-	-	-
-	<b>CONSTRUCTION</b> .....	3,376	3,453	3,772	3,767	3,835	2,492	2,566	2,861	2,851	2,909
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	867.3	891.4	1,014.0	1,006.1	-	615.8	636.4	740.6	729.5	-
152	Residential building construction .....	393.0	406.6	476.4	471.7	-	265.4	277.6	334.5	327.9	-
153	Operative builders .....	47.0	48.5	59.7	60.0	-	24.0	24.9	32.4	32.7	-
154	Nonresidential building construction .....	427.3	436.3	477.9	474.4	-	326.4	333.9	373.7	369.9	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	679.2	702.1	693.9	689.6	-	514.9	537.8	548.7	544.8	-
161	Highway and street construction .....	143.4	157.8	165.0	165.1	-	108.3	122.3	130.2	123.6	-
162	Heavy construction, except highway .....	535.8	544.3	528.9	524.5	-	406.6	415.5	418.5	415.2	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	1,829.7	1,859.9	2,064.4	2,071.0	-	1,361.2	1,391.3	1,572.0	1,576.4	-
171	Plumbing, heating, air conditioning .....	466.2	464.3	507.1	503.0	-	330.9	329.5	369.5	365.5	-
172	Painting, paper hanging, decorating .....	101.6	103.9	116.6	117.0	-	80.0	82.6	94.8	94.9	-
173	Electrical work .....	376.4	376.4	405.9	401.2	-	279.7	280.1	305.6	301.3	-
174	Masonry, stonework, and plastering .....	271.0	274.7	305.4	316.9	-	224.3	227.7	253.1	264.5	-
175	Carpentering and flooring .....	100.4	100.0	119.7	117.2	-	73.6	73.4	89.7	86.7	-
176	Roofing and sheet metal work .....	125.7	129.8	147.4	149.1	-	94.6	98.6	115.0	116.2	-
-	<b>MANUFACTURING</b> .....	18,077	18,166	19,170	19,307	19,450	12,157	12,241	13,122	13,245	13,374
24, 25, 32-39	<b>DURABLE GOODS</b> .....	10,523	10,590	11,364	11,469	11,584	6,876	6,944	7,623	7,719	7,817
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	7,554	7,576	7,806	7,838	7,866	5,281	5,297	5,499	5,526	5,557
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	609.5	620.5	688.8	693.8	704.0	501.7	511.8	575.2	580.0	590.2
241	Logging camps and logging contractors .....	74.5	72.4	79.4	78.2	-	57.4	55.3	61.7	60.9	-
242	Sawmills and planing mills .....	182.9	186.2	207.9	210.1	-	160.4	163.8	184.1	186.4	-
2421	Sawmills and planing mills, general .....	153.1	155.7	172.3	174.2	-	134.7	137.3	152.8	154.8	-
2426	Hardwood dimension and flooring .....	26.1	26.6	30.8	30.9	-	22.5	23.0	27.1	27.2	-
243	Millwork, plywood, and structural members .....	184.3	188.5	216.4	216.5	-	150.2	154.2	180.1	180.0	-
2431	Millwork .....	70.7	72.6	83.0	83.1	-	55.9	57.8	66.9	67.1	-
2434	Wood kitchen cabinets .....	41.2	42.2	53.2	53.1	-	32.1	33.0	43.0	42.8	-
2435	Hardwood veneer and plywood .....	21.3	21.9	24.2	24.6	-	18.5	19.0	21.4	21.6	-
2436	Softwood veneer and plywood .....	37.2	37.5	38.0	38.2	-	33.1	33.4	34.4	34.6	-
244	Wood miscellaneous products .....	36.7	37.5	39.8	41.3	-	30.8	31.3	33.8	35.1	-
245	Wood buildings and mobile homes .....	61.0	63.7	69.5	71.3	-	45.0	47.5	52.3	53.9	-
2451	Mobile homes .....	43.4	46.1	49.6	52.2	-	33.7	36.0	39.0	41.3	-
249	Miscellaneous wood products .....	70.1	72.2	75.8	76.4	-	57.9	59.7	63.2	63.7	-
25	<b>FURNITURE AND FIXTURES</b> .....	426.8	431.3	476.9	481.7	483.1	336.5	340.4	381.5	385.7	387.4
251	Household furniture .....	266.6	271.0	290.4	294.4	-	219.5	223.1	242.3	246.2	-
2511	Wood household furniture .....	118.4	120.2	128.1	129.7	-	101.3	103.2	111.2	111.8	-
2512	Upholstered household furniture .....	83.5	85.2	92.6	93.9	-	67.3	68.1	75.6	76.7	-
2514	Metal household furniture .....	28.9	29.4	31.9	32.9	-	23.4	24.0	26.0	27.0	-
2515	Mattresses and bedsprings .....	27.4	27.8	28.6	29.1	-	20.5	20.9	21.7	22.3	-
252	Office furniture .....	53.7	53.5	63.5	64.0	-	40.7	40.7	49.4	49.8	-
253	Public building and related furniture .....	20.6	20.5	22.3	22.5	-	15.1	15.0	16.6	15.3	-
254	Partitions and fixtures .....	54.5	54.9	64.2	64.4	-	39.8	40.3	47.9	47.8	-
259	Miscellaneous furniture and fixtures .....	31.4	31.4	36.5	36.4	-	21.4	21.3	25.3	25.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
<b>32</b>	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	<b>531.9</b>	<b>541.9</b>	<b>569.4</b>	<b>575.3</b>	<b>585.4</b>	<b>397.8</b>	<b>408.2</b>	<b>432.2</b>	<b>437.5</b>	<b>447.0</b>
321	Flat glass	16.5	16.9	17.5	17.4	-	12.9	13.3	13.9	13.8	-
322	Glass and glassware, pressed or blown	101.9	102.6	99.0	100.4	-	85.0	85.7	83.2	84.7	-
3221	Glass containers	56.9	57.4	51.7	51.5	-	49.9	50.3	45.2	45.0	-
3229	Pressed and blown glass, nec	45.0	45.2	47.3	48.9	-	35.1	35.4	38.0	39.7	-
323	Products of purchased glass	40.9	41.0	45.0	45.1	-	27.5	27.4	30.8	31.0	-
324	Cement, hydraulic	24.3	24.6	25.6	25.7	-	18.8	19.1	20.0	20.1	-
325	Structural clay products	32.3	33.2	37.4	37.5	-	23.4	24.6	28.6	28.6	-
326	Pottery and related products	36.7	36.5	39.1	39.2	-	29.1	28.8	30.8	31.0	-
327	Concrete, gypsum, and plaster products	160.5	166.7	178.4	181.1	-	117.4	124.0	133.9	136.2	-
3271	Concrete block and brick	16.0	16.8	17.7	18.1	-	10.5	11.1	11.9	12.2	-
3272	Concrete products, nec	53.5	54.7	59.3	60.9	-	37.7	39.5	43.1	44.5	-
3273	Ready-mixed concrete	73.7	77.9	82.6	83.4	-	55.5	59.7	64.0	64.7	-
329	Misc. nonmetallic mineral products	109.2	110.3	117.7	118.9	-	76.1	77.3	83.3	84.3	-
3291	Abrasive products	21.1	21.3	23.3	23.6	-	13.2	13.6	15.4	15.7	-
3292	Asbestos products	12.5	12.6	13.1	13.4	-	9.3	9.2	10.0	10.2	-
3296	Mineral wool	25.6	25.4	26.8	26.8	-	-	-	-	-	-
<b>33</b>	<b>PRIMARY METAL INDUSTRIES</b>	<b>808.6</b>	<b>320.8</b>	<b>869.2</b>	<b>875.6</b>	<b>882.5</b>	<b>594.2</b>	<b>606.8</b>	<b>659.5</b>	<b>665.7</b>	<b>673.9</b>
331	Blast furnace and basic steel products	324.5	332.6	337.0	338.8	-	239.4	247.8	258.7	260.3	-
3312	Blast furnaces and steel mills	266.6	273.6	273.3	274.5	-	198.0	205.1	211.2	212.3	-
3317	Steel pipe and tubes	21.5	21.9	22.6	23.0	-	14.9	15.4	16.4	16.7	-
332	Iron and steel foundries	136.9	137.5	153.9	156.0	-	103.0	103.8	120.6	122.7	-
3321	Gray iron foundries	87.7	88.2	100.3	101.7	-	68.5	69.1	81.1	82.5	-
3322	Malleable iron foundries	10.4	10.6	12.3	12.1	-	7.4	7.7	9.0	8.9	-
3325	Steel foundries, nec	29.3	29.0	31.6	32.2	-	20.8	20.5	23.5	24.0	-
333	Primary nonferrous metals	48.6	48.2	53.2	53.2	-	34.4	34.5	39.2	39.2	-
3334	Primary aluminum	24.9	24.5	29.3	29.2	-	18.2	18.0	22.7	22.7	-
335	Nonferrous rolling and drawing	179.8	181.6	188.0	189.2	-	126.4	127.5	133.2	133.8	-
3351	Copper rolling and drawing	25.4	26.0	27.4	26.7	-	18.0	18.7	20.6	20.0	-
3353	Aluminum sheet, plate, and foil	29.2	29.6	31.0	31.0	-	22.7	23.0	23.8	23.9	-
3357	Nonferrous wire drawing and insulating	76.2	76.3	77.6	78.1	-	53.9	53.6	54.8	55.4	-
336	Nonferrous foundries	78.3	80.6	92.3	93.7	-	62.3	64.0	74.2	75.4	-
3361	Aluminum foundries	46.6	47.8	56.0	57.0	-	37.7	39.0	45.8	46.7	-
<b>34</b>	<b>FABRICATED METAL PRODUCTS</b>	<b>1,357.2</b>	<b>1,359.7</b>	<b>1,446.4</b>	<b>1,454.0</b>	<b>1,465.7</b>	<b>975.8</b>	<b>979.4</b>	<b>1,057.3</b>	<b>1,065.6</b>	<b>1,077.0</b>
341	Metal cans and shipping containers	62.4	62.7	61.2	62.1	-	52.6	53.1	51.8	52.4	-
3411	Metal cans	50.5	50.7	48.9	49.7	-	43.5	43.8	42.3	42.8	-
342	Cutlery, hand tools, and hardware	135.2	136.0	146.0	146.8	-	98.6	99.3	109.2	109.3	-
3423.5	Hand and edge tools, and hand saws and blades	44.6	44.7	46.1	46.1	-	32.5	32.5	34.0	34.1	-
3429	Hardware, nec	78.4	78.9	87.2	88.0	-	57.8	58.4	66.6	67.3	-
343	Plumbing and heating, except electric	60.7	60.1	65.2	65.0	-	42.8	42.2	46.1	45.9	-
3432	Plumbing fittings and brass goods	23.3	23.1	25.5	25.9	-	18.3	18.0	19.2	19.6	-
3433	Heating equipment, except electric	28.2	27.6	29.6	29.0	-	18.2	17.7	19.3	18.8	-
344	Fabricated structural metal products	420.2	417.8	438.7	438.9	-	278.8	277.0	293.6	294.3	-
3441	Fabricated structural metal	78.4	77.5	76.8	77.2	-	53.7	53.1	52.8	53.3	-
3442	Metal doors, sash, and trim	74.9	75.5	85.4	84.6	-	53.4	54.0	61.6	60.7	-
3443	Fabricated plate work (boiler shops)	113.5	112.6	110.0	109.9	-	66.0	65.1	62.5	62.7	-
3444	Sheet metal work	96.3	96.2	105.2	106.6	-	68.0	68.1	75.7	77.3	-
3446	Architectural metal work	27.6	27.3	28.1	27.8	-	19.1	18.7	20.0	19.7	-
345	Screw machine products, bolts, etc.	83.7	84.1	93.1	94.3	-	61.8	62.3	70.8	71.9	-
3451	Screw machine products	38.8	39.1	45.5	46.3	-	30.0	30.4	36.6	37.2	-
3452	Bolts, nuts, rivets, and washers	44.9	45.0	47.6	48.0	-	31.8	31.9	34.2	34.7	-
346	Metal forgings and stampings	223.2	225.6	250.1	252.5	-	174.7	177.4	200.4	202.9	-
3462	Iron and steel forgings	32.5	32.4	34.5	34.9	-	23.6	23.8	26.3	25.9	-
3465	Automotive stampings	84.2	85.5	98.1	98.8	-	71.2	72.5	84.0	84.6	-
3469	Metal stampings, nec	95.9	97.0	106.4	107.8	-	72.1	73.2	81.7	83.1	-
347	Metal services, nec	89.7	90.9	95.8	97.0	-	70.7	71.7	76.8	78.0	-
3471	Plating and polishing	63.8	64.5	68.6	69.3	-	51.6	52.1	56.1	55.8	-
3479	Metal coating and allied services	25.9	26.4	27.2	27.7	-	19.1	19.6	20.7	21.2	-
348	Ordnance and accessories, nec	65.1	65.0	66.4	66.5	-	42.1	42.2	42.4	42.9	-
3483	Ammunition, exc. for small arms, nec	28.3	28.2	29.9	29.8	-	18.5	18.7	19.1	19.3	-
349	Misc. fabricated metal products	217.0	217.5	229.6	230.9	-	153.7	154.2	166.2	167.4	-
3494	Valves and pipe fittings	84.2	84.2	83.6	84.1	-	54.5	54.5	55.3	56.0	-
3496	Misc. fabricated wire products	49.3	49.3	55.8	56.4	-	36.8	36.8	42.5	43.0	-
<b>35</b>	<b>MACHINERY, EXCEPT ELECTRICAL</b>	<b>2,045.5</b>	<b>2,044.3</b>	<b>2,184.4</b>	<b>2,206.3</b>	<b>2,229.6</b>	<b>1,184.2</b>	<b>1,184.1</b>	<b>1,311.5</b>	<b>1,331.6</b>	<b>1,352.0</b>
351	Engines and turbines	101.0	100.0	105.4	106.9	-	59.7	58.3	64.6	65.3	-
3511	Turbines and turbine generator sets	39.4	39.1	35.8	35.7	-	21.1	21.0	17.5	17.6	-
3519	Internal combustion engines, nec	61.6	60.9	69.6	71.2	-	38.6	37.3	47.1	48.7	-
352	Farm and garden machinery	127.3	130.1	135.3	138.9	-	80.5	83.3	89.4	92.4	-
3523	Farm machinery and equipment	108.1	110.5	113.9	117.0	-	66.7	69.2	73.6	76.5	-
353	Construction and related machinery	255.8	253.6	275.6	279.5	-	137.9	135.1	163.4	163.1	-
3531	Construction machinery	72.4	73.6	94.0	95.7	-	30.5	29.9	54.0	55.3	-

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>											
3532	Mining machinery	24.2	23.4	23.3	24.1	-	13.6	13.1	13.5	14.2	-
3533	Oil field machinery	85.0	82.6	77.6	78.8	-	52.5	50.8	48.5	49.6	-
3535	Conveyers and conveying equipment	27.0	27.0	28.9	29.1	-	13.5	13.7	14.8	15.1	-
3537	Industrial trucks and tractors	24.9	25.1	28.3	28.6	-	14.3	14.3	18.3	19.6	-
354	Metalworking machinery	277.8	275.4	299.2	302.7	-	190.9	189.4	212.6	215.8	-
3541	Machine tools, metal cutting types	50.8	49.4	50.6	51.3	-	29.2	28.0	29.7	30.6	-
3542	Machine tools, metal forming types	16.3	16.3	17.5	17.6	-	9.3	9.3	10.4	10.7	-
3544	Special dies, tools, jigs, and fixtures	118.7	118.4	131.3	132.6	-	91.4	91.2	103.2	103.2	-
3545	Machine tool accessories	50.6	50.6	56.5	57.6	-	33.3	33.5	39.4	40.1	-
3546	Power driven hand tools	22.9	22.8	25.4	25.1	-	16.4	16.4	18.7	18.4	-
355	Special industry machinery	160.4	159.0	162.9	163.4	-	93.9	92.6	96.2	95.7	-
3551	Food products machinery	36.2	36.2	36.0	36.0	-	22.5	22.4	22.1	22.1	-
3552	Textile machinery	20.0	19.7	20.3	20.2	-	13.2	13.0	14.1	13.9	-
3555	Printing trades machinery	34.1	33.9	33.7	33.7	-	19.5	19.3	19.2	19.3	-
356	General industrial machinery	252.0	251.7	262.1	264.0	-	153.7	154.0	165.0	166.6	-
3561	Pumps and pumping equipment	50.4	50.2	50.9	51.4	-	28.0	27.8	28.9	29.2	-
3562	Ball and roller bearings	42.6	43.0	48.4	48.7	-	31.6	31.9	36.4	35.7	-
3563	Air and gas compressors	25.0	24.4	20.7	21.0	-	12.9	12.4	10.2	13.5	-
3564	Blowers and fans	34.1	34.4	35.5	36.2	-	20.6	21.0	21.5	22.1	-
3566	Speed changers, drives, and gears	18.6	18.7	20.2	20.0	-	11.3	11.4	13.3	13.2	-
3568	Power transmission equipment, nec	16.6	16.4	18.7	18.9	-	10.6	10.7	12.5	12.7	-
357	Office and computing machines	477.0	477.1	502.7	505.5	-	188.5	187.8	198.6	200.5	-
3573	Electronic computing equipment	411.5	411.8	438.1	440.3	-	155.9	155.2	166.3	167.2	-
358	Refrigeration and service machinery	154.1	154.8	172.6	174.0	-	103.0	104.1	120.3	121.3	-
3585	Refrigeration and heating equipment	105.8	106.4	122.7	123.3	-	71.6	72.8	87.2	87.9	-
359	Misc. machinery, except electrical	240.1	242.6	268.6	271.4	-	176.1	179.5	201.4	203.9	-
3592	Carburetors, pistons, rings, valves	30.9	32.1	36.7	36.9	-	24.1	25.5	29.1	29.2	-
3599	Machinery, except electrical, nec	209.2	210.5	231.9	234.5	-	152.0	154.0	172.3	174.7	-
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT</b>	<b>1,972.7</b>	<b>1,980.0</b>	<b>2,158.8</b>	<b>2,177.8</b>	<b>2,200.1</b>	<b>1,183.0</b>	<b>1,189.7</b>	<b>1,328.7</b>	<b>1,345.9</b>	<b>1,363.7</b>
361	Electric distributing equipment	107.0	106.8	112.2	112.5	-	75.5	75.6	80.6	81.1	-
3612	Transformers	46.5	46.1	49.1	49.1	-	32.3	32.0	34.6	34.9	-
3613	Switchgear and switchboard apparatus	60.5	60.7	63.1	63.4	-	43.2	43.6	46.0	45.2	-
362	Electrical industrial apparatus	188.1	188.5	201.2	202.6	-	128.6	129.0	142.3	143.1	-
3621	Motors and generators	93.7	94.2	102.2	102.8	-	70.9	71.5	79.2	79.7	-
3622	Industrial controls	58.4	58.0	60.8	61.2	-	34.2	34.0	37.0	37.0	-
363	Household appliances	141.1	139.2	157.2	158.6	-	108.8	107.5	124.2	125.3	-
3632	Household refrigerators and freezers	25.1	21.6	29.1	30.0	-	19.4	16.7	23.8	26.6	-
3633	Household laundry equipment	22.6	22.9	24.2	24.6	-	17.5	17.8	18.8	19.3	-
3634	Electric housewares and fans	40.9	42.3	43.8	44.1	-	30.8	32.1	33.5	33.7	-
364	Electric lighting and wiring equipment	180.2	182.4	194.5	196.3	-	130.9	132.9	142.9	144.3	-
3641	Electric lamps	26.7	26.8	27.4	27.3	-	23.1	23.4	23.8	23.7	-
3643	Current-carrying wiring devices	76.3	76.9	83.1	84.6	-	50.6	51.3	55.7	57.1	-
3644	Noncurrent-carrying wiring devices	17.1	17.1	17.3	17.2	-	12.2	12.2	12.4	12.3	-
3645	Residential lighting fixtures	23.1	24.0	26.1	26.3	-	17.4	18.0	20.0	20.1	-
365	Radio and TV receiving equipment	84.7	85.7	89.5	89.9	-	58.6	59.5	62.4	62.9	-
3651	Radio and TV receiving sets	66.2	66.7	70.7	70.5	-	45.3	45.6	48.8	48.6	-
366	Communication equipment	572.0	572.9	598.2	597.9	-	262.0	261.5	270.2	272.8	-
3661	Telephone and telegraph apparatus	138.4	137.5	140.7	141.8	-	88.7	87.5	89.4	90.7	-
3662	Radio and TV communication equipment	433.6	435.4	457.5	456.1	-	173.3	174.0	180.8	182.1	-
367	Electronic components and accessories	558.7	563.4	643.9	657.1	-	318.9	324.5	388.2	398.2	-
3671-3	Electronic tubes	42.6	42.9	44.9	45.1	-	26.6	27.0	27.4	27.5	-
3674	Semiconductors and related devices	229.4	229.7	254.7	258.4	-	91.5	93.4	111.3	113.0	-
3679	Electronic components, nec	221.3	224.6	264.2	271.3	-	152.4	155.1	188.2	194.3	-
369	Misc. electrical equipment and supplies	140.9	141.1	162.1	162.9	-	99.7	99.2	117.9	118.3	-
3691	Storage batteries	28.2	27.5	33.8	33.3	-	21.7	20.9	26.9	25.3	-
3694	Engine electrical equipment	53.4	54.1	65.3	65.9	-	41.3	41.4	51.8	52.4	-
37	<b>TRANSPORTATION EQUIPMENT</b>	<b>1,714.5</b>	<b>1,729.7</b>	<b>1,886.0</b>	<b>1,912.3</b>	<b>1,931.1</b>	<b>1,061.6</b>	<b>1,074.3</b>	<b>1,208.7</b>	<b>1,232.6</b>	<b>1,244.1</b>
371	Motor vehicles and equipment	711.7	724.6	846.3	864.6	-	526.5	538.2	652.3	667.9	-
3711	Motor vehicles and car bodies	334.6	338.6	388.9	399.8	-	237.1	240.3	288.4	297.5	-
3713	Truck and bus bodies	28.0	29.9	34.5	35.3	-	20.6	22.4	26.6	23.3	-
3714	Motor vehicle parts and accessories	322.3	327.6	379.4	383.0	-	249.2	254.2	302.8	305.9	-
3715	Truck trailers	18.6	19.7	29.5	30.5	-	13.1	14.3	22.9	23.8	-
372	Aircraft and parts	584.9	582.2	587.4	588.4	-	290.9	287.9	283.4	283.7	-
3721	Aircraft	309.8	308.8	311.9	312.9	-	137.3	135.8	132.6	133.1	-
3724	Aircraft engines and engine parts	146.1	144.5	142.3	141.9	-	80.3	78.7	74.8	74.3	-
3728	Aircraft equipment, nec	129.0	128.9	133.2	133.6	-	73.3	73.4	76.0	75.3	-
373	Ship and boat building and repairing	192.4	196.2	208.9	214.2	-	142.4	145.8	159.4	164.4	-
3731	Ship building and repairing	155.3	156.9	162.0	165.5	-	112.4	113.7	120.5	123.9	-
3732	Boat building and repairing	37.1	39.3	46.9	48.7	-	30.0	32.1	38.9	40.5	-
374	Railroad equipment	29.0	28.3	30.6	32.0	-	17.4	17.2	19.8	21.2	-
376	Guided missiles, space vehicles, parts	138.7	139.3	149.1	148.1	-	44.6	44.6	49.2	49.5	-
3781	Guided missiles and space vehicles	110.3	110.7	118.0	115.7	-	34.4	34.4	38.0	38.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
379	Miscellaneous transportation equipment .....	44.8	45.8	48.4	49.6	-	30.3	30.8	33.1	34.3	-
3792	Travel trailers and campers .....	16.9	18.0	21.1	22.0	-	13.0	13.9	17.0	17.9	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	689.9	688.2	703.0	703.9	709.3	382.4	383.0	393.5	393.7	396.9
381	Engineering and scientific instruments .....	79.0	79.5	82.8	82.9	-	36.2	36.4	37.6	37.4	-
382	Measuring and controlling devices .....	236.8	236.9	242.7	243.9	-	137.5	137.9	142.0	142.4	-
3822	Environmental controls .....	42.9	43.2	46.9	46.9	-	27.6	28.1	30.3	30.5	-
3823	Process control instruments .....	55.4	55.1	53.9	54.2	-	26.7	26.6	25.5	25.0	-
3825	Instruments to measure electricity .....	99.8	100.0	101.1	102.1	-	57.5	57.5	58.6	58.4	-
383	Optical instruments and lenses .....	32.8	33.2	34.4	34.2	-	16.8	16.7	17.6	17.6	-
384	Medical instruments and supplies .....	155.1	156.5	163.5	163.6	-	94.5	94.9	99.9	103.0	-
3841	Surgical and medical instruments .....	74.6	74.8	77.6	77.3	-	43.1	43.1	45.1	45.0	-
3842	Surgical appliances and supplies .....	67.3	67.7	71.8	72.3	-	43.5	43.6	46.6	46.9	-
385	Ophthalmic goods .....	36.0	36.4	37.8	37.8	-	24.4	25.0	25.8	25.8	-
386	Photographic equipment and supplies .....	132.0	128.5	124.4	124.1	-	61.5	60.4	58.4	53.4	-
387	Watches, clocks, and watchcases .....	17.2	17.2	17.4	17.4	-	11.5	11.7	12.2	12.1	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	366.1	373.1	381.0	388.0	392.7	259.1	265.8	274.8	283.3	284.9
391	Jewelry, silverware, and plated ware .....	54.9	55.5	55.5	55.6	-	38.4	39.0	38.8	38.7	-
3911	Jewelry, precious metal .....	36.2	36.7	36.9	36.7	-	25.2	25.9	25.6	25.5	-
393	Musical instruments .....	19.0	18.8	20.3	20.7	-	14.8	14.6	16.0	16.2	-
394	Toys and sporting goods .....	102.4	106.0	109.8	114.1	-	71.6	74.9	79.6	83.6	-
3942, 4	Dolls, games, toys, and children's vehicles .....	50.9	53.7	53.3	55.9	-	32.6	35.4	36.7	39.2	-
3949	Sporting and athletic goods, nec .....	51.5	52.3	56.5	58.2	-	39.0	39.5	42.9	44.1	-
395	Pens, pencils, office and art supplies .....	29.7	30.3	31.1	31.1	-	20.0	20.7	21.1	21.1	-
396	Costume jewelry and notions .....	37.2	38.0	37.5	38.2	-	27.9	28.9	28.4	23.9	-
3961	Costume jewelry .....	19.3	20.0	19.6	20.2	-	14.7	15.3	14.9	15.2	-
399	Miscellaneous manufactures .....	122.9	124.5	126.8	128.3	-	86.4	87.7	90.9	91.8	-
3993	Signs and advertising displays .....	46.1	47.7	49.6	50.2	-	32.0	33.4	35.1	35.3	-
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	1,564.2	1,562.1	1,589.8	1,581.2	1,581.1	1,064.2	1,061.4	1,089.1	1,080.2	1,081.6
201	Meat products .....	335.6	335.3	341.8	339.4	-	278.7	278.4	285.3	282.6	-
2011	Meat packing plants .....	140.0	139.2	142.9	140.3	-	113.7	112.6	117.1	114.4	-
2013	Sausages and other prepared meats .....	70.0	69.8	69.5	69.1	-	51.8	51.7	51.6	51.1	-
2016	Poultry dressing plants .....	110.6	111.2	113.4	114.3	-	100.1	100.9	102.5	103.3	-
202	Dairy products .....	160.8	161.9	161.5	160.2	-	89.5	90.7	92.2	91.6	-
2022	Cheese, natural and processed .....	34.5	34.8	35.0	34.0	-	26.2	26.4	26.9	25.1	-
2026	Fluid milk .....	90.4	90.6	89.7	89.2	-	41.0	41.4	42.0	42.0	-
203	Preserved fruits and vegetables .....	202.6	203.2	205.0	210.5	-	163.4	163.9	164.3	169.3	-
2032	Canned specialties .....	23.1	21.8	23.2	23.7	-	17.6	16.5	16.8	17.1	-
2033	Canned fruits and vegetables .....	63.9	63.6	61.0	62.2	-	49.2	49.0	46.8	47.9	-
2037	Frozen fruits and vegetables .....	42.1	42.4	41.1	43.3	-	36.2	36.2	35.3	37.6	-
204	Grain mill products .....	136.8	135.2	351.5	134.3	-	92.5	91.4	220.0	90.9	-
2041	Flour and other grain mill products .....	27.3	26.8	26.8	26.7	-	16.5	16.4	16.5	16.3	-
2048	Prepared feeds, nec .....	50.3	49.5	264.9	48.1	-	32.3	31.5	159.1	30.4	-
205	Bakery products .....	215.0	215.7	216.3	215.4	-	126.0	126.0	128.3	127.2	-
2051	Bread, cake, and related products .....	172.1	172.4	172.7	171.9	-	91.6	91.4	93.1	92.2	-
2052	Cookies and crackers .....	42.9	43.3	43.6	43.5	-	34.4	34.6	35.2	35.0	-
206	Sugar and confectionery products .....	103.7	98.8	112.1	105.6	-	80.8	75.7	86.9	80.8	-
2061-3	Cane and beet sugar .....	28.0	24.7	29.4	26.2	-	21.5	18.1	22.7	19.6	-
2065	Confectionery products .....	56.3	55.0	62.6	59.2	-	46.2	44.8	50.6	47.7	-
207	Fats and oils .....	37.6	37.2	37.6	37.2	-	28.4	27.9	28.2	27.8	-
208	Beverages .....	220.3	221.9	221.6	221.2	-	93.5	95.0	93.5	92.6	-
2082	Malt beverages .....	46.8	47.3	46.2	45.8	-	29.5	29.8	28.0	27.9	-
2086	Bottled and canned soft drinks .....	130.1	130.5	131.1	130.9	-	41.5	41.8	42.0	41.8	-
209	Misc. foods and kindred products .....	151.8	152.9	158.7	157.4	-	111.4	112.4	118.7	117.4	-
21	<b>TOBACCO MANUFACTURES</b> .....	66.7	63.7	63.4	60.8	60.5	51.7	48.7	48.2	45.4	45.3
211	Cigarettes .....	46.0	45.6	43.5	42.4	-	34.9	34.6	32.4	31.1	-
22	<b>TEXTILE MILL PRODUCTS</b> .....	723.0	727.5	759.9	760.1	763.4	619.8	624.0	657.7	658.0	561.1
221	Weaving mills, cotton .....	122.3	122.1	123.5	122.1	-	108.1	107.8	110.6	109.3	-
222	Weaving mills, synthetics .....	88.8	89.5	92.6	92.4	-	78.8	79.5	82.8	82.6	-
223	Weaving and finishing mills, wool .....	16.2	16.4	18.3	18.5	-	13.6	13.8	15.5	15.6	-
224	Narrow fabric mills .....	21.7	21.8	22.5	22.6	-	18.7	18.7	19.3	19.4	-
225	Knitting mills .....	196.7	198.7	208.2	209.0	-	168.7	170.7	180.6	181.9	-
2251	Women's hosiery, except socks .....	31.6	31.9	35.9	36.1	-	28.3	28.5	32.4	32.7	-
2252	Hosiery, nec .....	30.5	31.2	32.4	32.6	-	27.5	28.2	29.1	29.3	-
2253	Knit outerwear mills .....	61.0	61.6	62.3	62.7	-	51.4	52.2	53.3	53.8	-
2254	Knit underwear mills .....	29.1	29.1	31.2	30.8	-	24.7	24.5	26.7	26.4	-

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>TEXTILE MILL PRODUCTS—Continued</b>										
2257	Circular knit fabric mills	25.9	26.2	26.7	25.9	-	21.7	22.0	22.6	22.9	-
226	Textile finishing, except wool	64.0	64.2	66.2	66.9	-	52.8	53.2	55.7	56.4	-
2261	Finishing plants, cotton	27.6	27.4	27.4	27.8	-	22.7	22.7	22.9	23.4	-
2262	Finishing plants, synthetics	22.4	22.6	23.3	23.2	-	18.6	18.7	19.6	19.5	-
227	Floor covering mills	46.7	47.1	51.1	51.2	-	36.7	36.9	40.9	41.0	-
228	Yarn and thread mills	108.5	109.3	114.3	113.9	-	96.8	97.6	102.1	101.5	-
2281	Yarn mills, except wool	74.5	74.9	78.1	77.8	-	67.3	67.8	70.5	70.1	-
2282	Throwing and winding mills	16.6	16.9	18.5	18.5	-	14.7	15.0	16.6	16.5	-
229	Miscellaneous textile goods	58.1	58.4	63.2	63.5	-	45.6	45.8	50.2	50.3	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	<b>1,144.7</b>	<b>1,144.1</b>	<b>1,188.0</b>	<b>1,210.3</b>	<b>1,215.1</b>	<b>967.4</b>	<b>966.8</b>	<b>1,006.0</b>	<b>1,026.5</b>	<b>1,032.5</b>
231	Men's and boys' suits and coats	70.4	66.0	70.1	70.9	-	61.9	57.7	61.1	62.0	-
232	Men's and boys' furnishings	315.5	315.2	332.8	335.9	-	269.0	268.6	285.2	287.8	-
2321	Men's and boys' shirts and nightwear	87.4	87.6	93.8	94.7	-	75.1	75.6	80.8	81.8	-
2327	Men's and boys' separate trousers	65.4	64.9	67.7	68.2	-	56.5	56.1	58.9	53.1	-
2328	Men's and boys' work clothing	90.2	89.9	97.1	97.8	-	76.1	75.5	82.1	82.8	-
233	Women's and misses' outerwear	389.0	391.8	392.6	403.0	-	329.3	332.6	332.0	341.5	-
2331	Women's and misses' blouses and waists	62.1	63.5	62.6	63.3	-	52.9	54.2	53.6	54.3	-
2335	Women's and misses' dresses	129.9	132.4	130.6	134.9	-	111.8	114.6	110.7	115.0	-
2337	Women's and misses' suits and coats	55.2	53.5	54.4	56.6	-	46.3	44.9	45.5	47.2	-
2339	Women's and misses' outerwear, nec.	141.8	142.4	145.0	148.2	-	118.3	118.9	122.2	125.0	-
234	Women's and children's undergarments	81.0	81.1	87.1	88.7	-	68.5	68.6	73.7	75.1	-
2341	Women's and children's underwear	66.2	66.3	71.9	73.4	-	57.3	57.4	62.2	63.6	-
2342	Brassieres and allied garments	14.8	14.8	15.2	15.3	-	11.2	11.2	11.5	11.5	-
236	Children's outerwear	61.2	59.7	63.2	64.9	-	52.2	50.6	53.8	55.4	-
2361	Children's dresses and blouses	26.4	25.7	26.4	27.1	-	23.5	22.8	23.4	24.1	-
238	Misc. apparel and accessories	46.2	47.0	44.2	46.9	-	38.2	38.8	36.4	39.0	-
239	Misc. fabricated textile products	162.7	164.9	177.9	179.9	-	133.0	134.9	147.0	143.1	-
2391	Curtains and draperies	22.1	22.7	25.9	26.2	-	17.9	18.4	21.5	21.6	-
2392	House furnishings, nec.	48.1	48.6	52.0	52.1	-	40.0	40.7	43.8	44.2	-
2396	Automotive and apparel trimmings	29.7	30.3	33.5	33.6	-	24.4	24.8	27.8	27.9	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	<b>646.6</b>	<b>648.9</b>	<b>666.9</b>	<b>668.3</b>	<b>669.8</b>	<b>481.3</b>	<b>483.7</b>	<b>500.1</b>	<b>501.6</b>	<b>504.9</b>
261, 262	Paper and pulp mills	192.0	192.0	195.7	194.3	-	144.1	144.1	147.9	146.9	-
262	Paper mills, except building paper	166.4	166.3	169.4	168.0	-	123.3	123.3	126.7	125.7	-
263	Paperboard mills	58.8	58.5	59.7	59.8	-	44.8	44.7	45.8	45.8	-
264	Misc. converted paper products	212.2	214.2	221.6	223.6	-	154.3	155.6	160.9	162.9	-
2641	Paper coating and glazing	56.6	56.8	59.2	59.6	-	35.9	36.1	38.6	39.0	-
2642	Envelopes	25.8	26.0	27.3	27.3	-	20.1	20.1	21.0	21.1	-
2643	Bags, except textile bags	48.6	48.5	50.3	50.4	-	37.8	37.6	39.2	39.2	-
265	Paperboard containers and boxes	183.6	184.2	189.9	190.6	-	138.1	139.3	145.5	146.1	-
2651	Folding paperboard boxes	39.1	39.2	40.3	40.5	-	30.3	30.6	31.3	31.4	-
2653	Corrugated and solid fiber boxes	96.9	96.7	100.2	100.5	-	71.2	71.4	75.1	75.3	-
2654	Sanitary food containers	21.9	22.1	22.1	22.3	-	17.5	17.7	18.1	19.3	-
27	<b>PRINTING AND PUBLISHING</b>	<b>1,265.3</b>	<b>1,271.2</b>	<b>1,309.5</b>	<b>1,314.2</b>	<b>1,321.4</b>	<b>695.1</b>	<b>697.5</b>	<b>722.0</b>	<b>724.6</b>	<b>729.9</b>
271	Newspapers	414.5	416.0	428.2	429.2	-	156.4	156.1	161.4	161.0	-
272	Periodicals	98.4	98.4	101.8	102.4	-	21.3	21.3	22.8	23.3	-
273	Books	98.9	98.8	97.4	98.5	-	51.3	51.3	50.7	51.5	-
2731	Book publishing	70.7	70.7	67.8	68.5	-	28.2	28.0	26.3	26.9	-
2732	Book printing	28.2	28.1	29.6	30.0	-	23.1	23.3	24.4	24.6	-
274	Miscellaneous publishing	51.4	51.7	52.0	52.5	-	27.9	28.2	28.1	28.1	-
275	Commercial printing	423.1	427.1	445.2	446.8	-	308.1	310.7	325.6	327.5	-
2751	Commercial printing, letterpress	147.3	149.6	156.0	156.8	-	108.8	110.4	115.3	115.6	-
2752	Commercial printing, lithographic	253.1	255.0	266.0	266.8	-	181.7	182.8	191.7	192.4	-
276	Manifold business forms	47.5	47.4	49.8	49.5	-	33.1	33.0	34.7	34.3	-
278	Blankbooks and bookbinding	60.6	60.6	61.8	61.8	-	49.0	48.8	49.5	49.5	-
279	Printing trade services	46.7	46.9	48.6	48.7	-	34.7	34.9	35.8	36.0	-
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	<b>1,051.3</b>	<b>1,055.3</b>	<b>1,057.3</b>	<b>1,061.0</b>	<b>1,065.3</b>	<b>583.8</b>	<b>585.6</b>	<b>590.3</b>	<b>593.3</b>	<b>596.0</b>
281	Industrial inorganic chemicals	153.9	153.2	151.4	151.7	-	79.8	79.0	77.4	77.4	-
2819	Industrial inorganic chemicals, nec.	103.2	103.3	104.1	104.3	-	54.4	54.3	53.8	53.8	-
282	Plastics materials and synthetics	176.1	178.1	179.0	179.0	-	114.1	114.7	117.3	117.1	-
2821	Plastics materials and resins	72.7	74.4	76.4	76.6	-	42.8	42.8	44.8	44.9	-
2824	Organic fibers, noncellulosic	73.7	73.9	71.8	71.7	-	51.4	51.7	50.8	50.6	-
283	Drugs	199.6	199.5	200.4	200.9	-	97.8	97.3	98.2	98.3	-
2834	Pharmaceutical preparations	157.6	157.3	158.2	158.8	-	76.0	75.3	76.4	76.3	-
284	Soap, cleaners, and toilet goods	146.8	148.1	152.3	153.6	-	92.2	93.0	95.5	97.1	-
2841	Soap and other detergents	44.6	44.6	45.4	45.2	-	28.7	28.7	29.3	29.3	-
2844	Toilet preparations	63.4	64.7	66.7	68.0	-	42.1	43.0	44.0	45.3	-
2842, 3	Polishing, sanitation, and finishing preparations	38.8	38.8	40.2	40.4	-	21.4	21.3	22.2	22.5	-
285	Paints and allied products	60.0	60.4	61.4	61.8	-	28.8	29.3	29.9	33.0	-
286	Industrial organic chemicals	164.5	164.6	160.5	160.5	-	84.5	84.3	81.5	81.5	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
2865	Cyclic crudes and intermediates . . . . .	32.0	32.0	31.3	31.3	-	19.7	19.6	18.7	18.7	-
2861,9	Gum, wood, and industrial organic chemicals, nec . . . . .	132.5	132.6	129.2	129.2	-	64.8	64.7	62.8	62.8	-
287	Agricultural chemicals . . . . .	62.2	62.8	60.7	61.7	-	37.6	38.4	37.2	38.2	-
289	Miscellaneous chemical products . . . . .	88.2	88.6	91.6	91.8	-	49.0	49.6	53.3	53.7	-
29	<b>PETROLEUM AND COAL PRODUCTS . . . . .</b>	194.7	195.2	187.7	186.8	188.2	116.8	118.4	108.9	109.4	111.9
291	Petroleum refining . . . . .	161.2	160.3	153.5	151.8	-	94.1	94.3	85.4	84.4	-
295	Paving and roofing materials . . . . .	22.3	23.6	22.7	23.4	-	16.0	17.3	16.4	16.8	-
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS . . . . .</b>	686.5	695.1	769.6	780.7	789.2	526.3	534.1	598.6	608.5	616.6
301	Tires and inner tubes . . . . .	99.3	100.3	103.4	104.1	-	71.7	72.8	72.5	72.7	-
302	Rubber and plastics footwear . . . . .	17.8	18.4	18.2	18.9	-	15.1	15.5	15.3	16.1	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting . . . . .	20.3	20.4	23.5	23.7	-	14.0	14.0	16.4	16.7	-
306	Fabricated rubber products, nec . . . . .	94.7	96.6	106.6	107.7	-	71.8	73.2	82.4	83.4	-
307	Miscellaneous plastics products . . . . .	454.4	459.4	517.9	526.3	-	353.7	358.6	412.0	419.6	-
31	<b>LEATHER AND LEATHER PRODUCTS . . . . .</b>	210.8	212.6	213.5	214.3	212.4	174.9	176.6	178.2	179.0	177.3
311	Leather tanning and finishing . . . . .	18.7	18.9	18.7	18.6	-	15.4	15.6	15.7	15.6	-
314	Footwear, except rubber . . . . .	132.4	132.2	131.2	130.6	-	112.4	112.2	111.7	111.0	-
3143	Men's footwear, except athletic . . . . .	51.7	51.6	52.8	52.1	-	41.7	41.5	42.5	41.9	-
3144	Women's footwear, except athletic . . . . .	52.2	51.6	51.6	51.6	-	46.2	45.6	45.9	45.7	-
316	Luggage . . . . .	12.5	13.2	12.6	13.3	-	8.5	9.2	9.0	9.7	-
317	Handbags and personal leather goods . . . . .	24.6	25.9	26.4	27.1	-	19.7	20.8	21.5	22.2	-
-	<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	4,896	4,913	4,991	4,996	5,013	4,026	4,041	4,100	4,101	4,118
40	<b>RAILROAD TRANSPORTATION . . . . .</b>	362.9	369.6	362.1	365.0	-	-	-	-	-	-
4011	Class I railroads <sup>2</sup> . . . . .	337.1	341.0	332.8	335.7	-	-	-	-	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT . . . . .</b>	273.3	274.9	276.5	279.4	-	254.3	255.3	257.3	259.0	-
411	Local and suburban transportation . . . . .	85.2	85.6	86.9	89.9	-	78.4	78.6	79.7	82.8	-
412	Taxicabs . . . . .	40.9	40.7	39.9	39.4	-	-	-	-	-	-
413	Intercity highway transportation . . . . .	32.9	32.5	34.6	32.3	-	30.1	29.6	32.2	29.3	-
415	School buses . . . . .	96.3	97.2	96.9	97.9	-	-	-	-	-	-
42	<b>TRUCKING AND WAREHOUSING . . . . .</b>	1,148.7	1,159.6	1,219.7	1,223.8	-	992.1	1,003.2	1,059.7	1,061.8	-
421,3	Trucking and trucking terminals . . . . .	1,069.5	1,081.1	1,138.5	1,143.9	-	925.9	937.8	991.6	994.9	-
422	Public warehousing . . . . .	79.2	78.5	81.2	79.9	-	66.2	65.4	68.1	66.9	-
44	<b>WATER TRANSPORTATION . . . . .</b>	180.1	179.0	182.6	176.2	-	-	-	-	-	-
45	<b>TRANSPORTATION BY AIR . . . . .</b>	441.3	442.1	456.2	459.9	-	-	-	-	-	-
451,2	Air transportation . . . . .	391.0	391.1	400.7	404.1	-	-	-	-	-	-
46	<b>PIPE LINES, EXCEPT NATURAL GAS . . . . .</b>	21.7	21.8	22.5	22.3	-	15.3	15.4	16.0	15.8	-
47	<b>TRANSPORTATION SERVICES . . . . .</b>	212.1	212.2	219.3	223.0	-	-	-	-	-	-
48	<b>COMMUNICATION . . . . .</b>	1,380.5	1,378.3	1,368.8	1,364.9	-	1,052.9	1,048.1	1,035.2	1,033.5	-
481	Telephone communication . . . . .	1,017.3	1,013.5	983.3	978.1	-	759.5	756.0	731.2	725.2	-
483	Radio and television broadcasting . . . . .	227.2	227.6	232.6	233.5	-	182.1	180.6	186.2	187.2	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES . . . . .</b>	875.4	875.8	883.4	882.8	-	705.1	704.8	702.9	702.2	-
491	Electric services . . . . .	430.0	430.1	435.8	435.0	-	341.8	341.8	341.2	340.3	-
492	Gas production and distribution . . . . .	175.0	175.1	172.5	171.8	-	140.0	139.9	136.9	136.1	-
493	Combination utility services . . . . .	197.0	196.6	199.9	201.0	-	160.0	159.1	159.4	161.1	-
495	Sanitary services . . . . .	49.8	50.0	52.0	51.7	-	44.0	44.3	46.4	45.8	-
-	<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	19,870	19,955	20,600	20,441	20,535	17,323	17,397	17,962	17,789	17,871
50,51	<b>WHOLESALE TRADE . . . . .</b>	5,134	5,145	5,300	5,313	5,343	4,123	4,131	4,259	4,268	4,294
50	<b>WHOLESALE TRADE - DURABLE GOODS . . . . .</b>	2,998	3,009	3,132	3,146	-	2,394	2,402	2,509	2,518	-
501	Motor vehicles and automotive equipment . . . . .	397.7	396.6	414.7	415.5	-	318.4	318.1	332.4	333.3	-
502	Furniture and home furnishing . . . . .	113.5	114.1	116.4	119.0	-	93.1	93.2	95.3	96.5	-
503	Lumber and construction materials . . . . .	177.4	179.4	195.2	194.4	-	144.0	146.1	161.7	160.7	-
504	Sporting goods, toys, and hobby goods . . . . .	70.8	71.0	73.6	74.3	-	56.9	57.3	60.7	61.3	-
505	Metals and minerals, except petroleum . . . . .	129.1	129.6	131.3	132.0	-	102.3	102.9	105.7	106.4	-
506	Electrical goods . . . . .	421.9	424.1	442.0	444.0	-	335.1	336.6	354.2	354.7	-
507	Hardware, plumbing, and heating equipment . . . . .	231.9	232.5	241.7	242.7	-	187.3	187.5	196.2	196.4	-

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>WHOLESALE TRADE-DURABLE GOODS—</b>										
	Continued										
508	Machinery, equipment, and supplies .....	1,287.1	1,290.0	1,333.3	1,340.9	-	1,017.8	1,018.5	1,048.3	1,054.2	-
509	Miscellaneous durable goods .....	168.8	171.4	184.2	184.6	-	139.2	141.3	154.2	154.5	-
	<b>WHOLESALE TRADE-NONDURABLE GOODS</b>										
51	Paper and paper products .....	2,136	2,136	2,168	2,167	-	1,729	1,729	1,750	1,750	-
511	Drugs, proprietaries, and sundries .....	157.6	157.4	166.4	166.8	-	126.7	126.7	135.6	136.2	-
512	Apparel, piece goods, and notions .....	153.5	153.0	156.0	154.7	-	129.0	128.7	129.7	127.9	-
513	Groceries and related products .....	165.9	166.5	169.8	171.3	-	125.8	126.3	125.8	125.5	-
514	Chemicals and allied products .....	644.6	639.1	651.7	650.7	-	549.8	543.8	554.5	553.6	-
516	Petroleum and petroleum products .....	132.5	133.5	137.3	137.2	-	92.1	92.7	94.8	94.9	-
517	Beer, wine, and distilled beverages .....	217.2	216.3	215.0	214.0	-	164.5	163.7	163.1	162.7	-
518	Miscellaneous nondurable goods .....	141.3	142.7	145.9	145.9	-	116.8	118.4	120.6	120.8	-
519		384.8	387.6	383.4	386.9	-	311.1	314.2	308.0	312.2	-
52-59	<b>RETAIL TRADE</b> .....	14,736	14,810	15,300	15,128	15,192	13,200	13,266	13,703	13,521	13,577
	<b>BUILDING MATERIALS AND GARDEN</b>										
	SUPPLIES .....	565.0	573.7	591.5	592.3	-	473.1	481.9	496.5	497.1	-
521	Lumber and other building materials .....	290.2	295.2	313.2	312.5	-	243.8	248.7	265.3	264.3	-
525	Hardware stores .....	145.2	146.2	152.1	151.6	-	122.1	123.2	128.5	127.9	-
	<b>GENERAL MERCHANDISE STORES</b> .....	2,117.7	2,099.3	2,325.6	2,199.0	-	1,974.4	1,958.0	2,185.8	2,054.9	-
53	Department stores .....	1,810.3	1,792.7	2,005.7	1,890.4	-	1,698.7	1,683.2	1,898.5	1,779.3	-
533	Variety stores .....	201.0	200.2	206.6	198.4	-	184.8	184.1	189.1	180.9	-
539	Misc. general merchandise stores .....	106.4	106.4	113.3	110.2	-	90.9	90.7	98.2	94.7	-
	<b>FOOD STORES</b> .....	2,448.4	2,444.2	2,513.2	2,505.0	-	2,272.5	2,268.0	2,336.1	2,327.5	-
54	Grocery stores .....	2,151.2	2,144.5	2,218.0	2,206.1	-	2,005.3	1,998.7	2,070.8	2,059.5	-
542	Meat markets and freezer provisioners .....	58.0	59.1	58.0	58.2	-	-	-	-	-	-
546	Retail bakeries .....	129.0	130.5	133.0	134.4	-	116.7	118.0	120.9	121.3	-
	<b>AUTOMOTIVE DEALERS AND SERVICE</b>										
	STATIONS .....	1,575.0	1,580.3	1,642.1	1,641.6	-	1,320.7	1,326.4	1,375.4	1,374.8	-
561,2	New and used car dealers .....	732.9	735.3	774.8	781.5	-	600.6	602.6	638.2	643.5	-
563	Auto and home supply stores .....	246.3	248.4	262.9	254.1	-	211.2	213.5	222.9	213.0	-
564	Gasoline service stations .....	525.2	523.3	531.5	531.3	-	453.2	452.4	457.7	459.6	-
	<b>APPAREL AND ACCESSORY STORES</b> .....	912.9	922.8	969.3	937.1	-	769.0	778.4	818.9	787.1	-
561	Men's and boys' clothing and furnishings .....	115.0	115.1	120.2	114.8	-	96.6	96.8	100.0	94.9	-
562	Women's ready-to-wear stores .....	329.8	337.0	351.6	344.4	-	280.4	286.9	298.1	291.1	-
565	Family clothing stores .....	169.4	168.2	177.3	169.9	-	147.3	145.9	154.5	147.4	-
566	Shoe stores .....	192.8	196.2	206.1	199.8	-	155.0	158.5	168.9	162.1	-
	<b>FURNITURE AND HOME FURNISHINGS</b>										
	STORES .....	570.2	570.2	609.0	608.1	-	470.7	471.4	506.0	504.4	-
571	Furniture and home furnishings stores .....	338.8	340.6	360.9	359.2	-	278.9	281.3	299.0	296.9	-
572	Household appliance stores .....	72.4	72.1	76.7	75.7	-	62.2	61.7	65.5	64.4	-
573	Radio, television, and music stores .....	159.0	157.5	171.4	173.2	-	129.6	128.4	141.5	143.1	-
	<b>EATING AND DRINKING PLACES</b> .....	4,643.1	4,723.7	4,683.8	4,680.4	-	4,268.7	4,341.2	4,283.4	4,276.6	-
	<b>MISCELLANEOUS RETAIL</b> .....	1,903.2	1,895.6	1,965.7	1,964.2	-	1,650.4	1,640.8	1,701.3	1,699.9	-
591	Drug stores and proprietary stores .....	485.7	486.5	504.6	501.9	-	432.6	432.2	445.5	441.1	-
592	Liquor stores .....	128.6	125.2	121.6	121.3	-	-	-	-	-	-
594	Miscellaneous shopping goods stores .....	611.7	613.7	652.9	643.2	-	520.2	521.3	557.4	549.3	-
596	Nonstore retailers .....	248.5	249.8	258.7	257.4	-	229.4	230.3	237.7	236.0	-
598	Fuel and ice dealers .....	103.7	101.5	107.3	106.6	-	86.4	84.4	89.6	88.9	-
599	Retail stores, nec .....	263.6	257.0	254.5	267.4	-	220.4	213.6	212.5	225.5	-
	<b>FINANCE, INSURANCE, AND REAL</b>										
	ESTATE .....	5,340	5,359	5,514	5,521	5,538	3,962	3,980	4,092	4,096	4,109
	<b>BANKING</b> .....	1,647.0	1,648.7	1,665.9	1,664.6	-	1,226.6	1,228.9	1,236.0	1,233.9	-
602	Commercial and stock savings banks .....	1,496.9	1,497.5	1,511.7	1,510.3	-	1,107.9	1,109.2	1,114.4	1,112.3	-
	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	596.8	601.0	636.7	639.0	-	448.6	452.3	482.7	485.0	-
612	Savings and loan associations .....	281.3	284.6	304.3	305.8	-	214.8	217.4	233.7	235.1	-
614	Personal credit institutions .....	193.8	194.2	200.1	200.8	-	144.6	145.5	152.4	153.1	-
	<b>SECURITY, COMMODITY BROKERS, AND</b>										
	SERVICES .....	290.0	293.9	327.7	331.8	-	-	-	-	-	-
621	Security brokers and dealers .....	231.9	235.3	265.3	269.9	-	-	-	-	-	-
	<b>INSURANCE CARRIERS</b> .....	1,226.7	1,226.4	1,235.5	1,234.9	-	933.4	933.8	935.7	937.9	-
631	Life insurance .....	540.7	541.5	536.6	535.9	-	330.6	331.2	324.8	326.0	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984p	Mar. 1984p	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984p	Mar. 1984p
	<b>INSURANCE CARRIERS—Continued</b>										
632	Medical service and health insurance .....	143.7	143.8	149.0	150.4	-	114.6	114.6	118.9	120.9	-
633	Fire, marine, and casualty insurance .....	469.7	467.7	468.0	466.6	-	331.3	330.3	326.6	325.9	-
64	<b>INSURANCE AGENTS, BROKERS, AND SERVICE</b> .....	478.3	479.1	486.8	490.3	-	-	-	-	-	-
65	<b>REAL ESTATE</b> .....	949.2	956.6	1,003.0	1,001.5	-	-	-	-	-	-
651	Real estate operators and lessors .....	476.1	478.2	501.6	498.5	-	-	-	-	-	-
653	Real estate agents and managers .....	349.5	352.6	367.5	370.8	-	-	-	-	-	-
655	Subdividers and developers .....	105.0	107.1	111.3	109.3	-	-	-	-	-	-
66	<b>COMBINED REAL ESTATE, INSURANCE, ETC.</b> .....	16.8	16.9	17.0	17.1	-	-	-	-	-	-
67	<b>HOLDING AND OTHER INVESTMENT OFFICES.</b> .....	135.6	136.0	141.2	141.9	-	-	-	-	-	-
-	<b>SERVICES</b> .....	19,065	19,279	19,799	20,039	20,284	16,865	17,065	17,496	17,728	17,946
70	<b>HOTELS AND OTHER LODGING PLACES</b> .....	1,039.8	1,065.0	1,060.0	1,076.9	-	-	-	-	-	-
701	Hotels, motels, and tourist courts .....	1,012.0	1,036.1	1,033.4	1,050.1	-	922.6	944.8	934.9	950.2	-
72	<b>PERSONAL SERVICES</b> .....	960.7	964.9	949.4	963.7	-	-	-	-	-	-
721	Laundry, cleaning, and garment services .....	340.8	343.5	350.9	349.1	-	301.9	304.1	312.3	310.7	-
723	Beauty shops .....	290.2	292.2	303.4	303.4	-	268.6	270.9	277.1	276.4	-
726	Funeral service and crematories .....	71.8	72.2	71.6	71.7	-	-	-	-	-	-
73	<b>BUSINESS SERVICES</b> .....	3,338.2	3,403.1	3,810.4	3,835.9	-	2,871.4	2,935.4	3,316.6	3,339.4	-
731	Advertising .....	165.0	166.0	167.3	168.2	-	122.5	123.4	125.4	125.7	-
732	Credit reporting and collection .....	75.6	76.7	80.7	80.5	-	-	-	-	-	-
733	Mailing, reproduction, stenographic .....	136.2	138.9	150.7	150.7	-	-	-	-	-	-
734	Services to buildings .....	516.5	524.6	551.3	556.2	-	468.6	476.4	501.2	506.3	-
736	Personnel supply services .....	576.5	614.0	834.3	845.5	-	-	-	-	-	-
737	Computer and data processing services .....	385.9	390.6	427.1	433.4	-	318.4	323.1	357.4	363.3	-
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	570.3	575.5	593.4	604.4	-	479.6	484.7	501.6	513.2	-
753	Automotive repair shops .....	356.8	358.5	364.6	369.7	-	297.1	298.2	304.8	310.6	-
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	266.4	265.5	274.6	275.5	-	219.1	218.0	228.6	229.9	-
78	<b>MOTION PICTURES</b> .....	197.5	202.4	198.2	196.7	-	169.9	173.5	170.7	169.2	-
781	Motion picture production and services .....	82.7	85.7	86.4	87.3	-	69.0	70.7	71.9	72.5	-
783	Motion picture theaters .....	104.3	106.2	101.8	99.4	-	-	-	-	-	-
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	719.2	751.6	748.8	769.1	-	652.2	679.2	671.2	693.1	-
80	<b>HEALTH SERVICES</b> .....	5,869.7	5,893.8	5,981.8	5,991.9	-	5,259.1	5,284.8	5,348.0	5,357.2	-
801	Offices of physicians .....	837.2	842.1	870.3	875.3	-	703.8	709.0	730.5	734.5	-
802	Offices of dentists .....	395.0	398.8	423.9	422.9	-	349.1	353.0	375.6	373.8	-
805	Nursing and personal care facilities .....	1,076.6	1,082.7	1,112.1	1,113.9	-	973.1	978.5	1,003.1	1,004.7	-
806	Hospitals .....	3,025.1	3,028.6	2,997.7	2,995.7	-	2,775.0	2,780.0	2,742.3	2,741.8	-
81	<b>LEGAL SERVICES</b> .....	581.3	585.7	620.4	627.4	-	490.0	494.6	522.8	528.7	-
82	<b>EDUCATIONAL SERVICES</b> .....	1,287.1	1,299.6	1,191.0	1,289.1	-	-	-	-	-	-
821	Elementary and secondary schools .....	333.4	335.3	326.7	331.5	-	-	-	-	-	-
822	Colleges and universities .....	825.8	835.1	733.4	824.1	-	-	-	-	-	-
83	<b>SOCIAL SERVICES</b> .....	1,202.8	1,218.0	1,291.4	1,304.2	-	-	-	-	-	-
86	<b>MEMBERSHIP ORGANIZATIONS</b> .....	1,518.2	1,521.6	1,503.4	1,520.4	-	-	-	-	-	-
89	<b>MISCELLANEOUS SERVICES</b> .....	1,054.1	1,058.1	1,091.8	1,105.2	-	857.7	862.9	894.1	906.3	-
891	Engineering and architectural services .....	556.9	559.7	585.9	587.6	-	455.6	459.2	489.3	490.2	-
893	Accounting, auditing, and bookkeeping .....	369.7	371.0	381.1	391.3	-	298.9	300.6	303.1	312.9	-
-	<b>GOVERNMENT</b> .....	15,988	16,051	15,746	16,022	16,089	-	-	-	-	-
-	<b>FEDERAL GOVERNMENT</b> <sup>4</sup> .....	2,728	2,731	2,740	2,746	2,750	-	-	-	-	-
-	Executive, by agency <sup>5</sup> .....	2,673.2	2,676.1	2,684.8	-	-	-	-	-	-	-
-	Department of Defense .....	941.6	943.8	948.1	-	-	-	-	-	-	-
-	Postal Service .....	659.7	659.4	665.9	-	-	-	-	-	-	-
-	Other executive agencies .....	1,071.9	1,072.9	1,070.8	-	-	-	-	-	-	-
-	Legislative .....	38.3	38.7	39.2	-	-	-	-	-	-	-
-	Judicial .....	16.0	16.0	16.3	-	-	-	-	-	-	-

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984p	Mar. 1984p	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984p	Mar. 1984p
	<b>FEDERAL GOVERNMENT—Continued</b>										
	Federal Government, by Industry										
—	Manufacturing activities	136.1	137.3	137.7	137.6	—	—	—	—	—	—
3731	Shipbuilding and repairing	82.8	83.1	81.9	82.0	—	—	—	—	—	—
—	Transportation and public utilities, except										
—	Postal Service	39.7	39.7	37.5	36.4	—	—	—	—	—	—
—	Services	388.6	388.8	388.9	387.6	—	—	—	—	—	—
806	Federal government hospitals	236.7	236.5	238.4	238.4	—	—	—	—	—	—
—	<b>STATE AND LOCAL GOVERNMENT</b>	13,260	13,320	13,006	13,276	13,339	—	—	—	—	—
—	State government	3,714	3,723	3,619	3,748	—	—	—	—	—	—
806	State government hospitals	491.5	490.1	476.3	476.7	—	—	—	—	—	—
82	State education	1,551.6	1,561.4	1,479.3	1,602.9	—	—	—	—	—	—
—	General administration including executive, legislative, and judicial functions	1,067.8	1,070.6	1,067.4	1,073.1	—	—	—	—	—	—
—	Local government	9,546	9,598	9,388	9,528	—	—	—	—	—	—
—	Transportation and public utilities	532.2	531.8	537.7	535.8	—	—	—	—	—	—
806	Local government hospitals	637.6	637.9	629.9	627.9	—	—	—	—	—	—
82	Local education	5,320.4	5,360.8	5,168.2	5,309.7	—	—	—	—	—	—
—	General administration including executive, legislative, and judicial functions	2,769.0	2,778.1	2,775.8	2,777.5	—	—	—	—	—	—

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

<sup>2</sup> Beginning January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

<sup>3</sup> Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

<sup>4</sup> Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

— Data not available.

p = preliminary.

NOTE: Data from April 1982 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustments" under the Establishment Data section of the Explanatory Notes.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry**

[In thousands]

1972 SIC Code	Industry	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983	Jan. 1984
	<b>TOTAL</b> .....	39,464	38,735	40,659	40,962	40,236
	<b>PRIVATE SECTOR</b> .....	31,760	31,150	32,823	33,134	32,509
-	<b>MINING</b> .....	128	127	124	124	124
10	<b>METAL MINING</b> .....	5.4	5.6	5.5	5.3	5.5
11, 12	<b>COAL MINING</b> .....	11.2	11.3	11.2	11.2	11.3
13	<b>OIL AND GAS EXTRACTION</b> .....	102.9	101.3	98.2	98.8	98.0
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	66.0	66.1	65.1	65.4	65.2
138	Oil and gas field services .....	36.9	35.2	33.1	33.4	32.8
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	8.9	8.7	9.2	8.9	8.8
142	Crushed and broken stone .....	2.7	2.7	2.9	2.9	2.8
144	Sand and gravel .....	2.9	2.8	3.2	3.0	3.0
-	<b>CONSTRUCTION</b> .....	375	373	402	401	397
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	119.8	120.3	133.6	135.2	134.7
152	Residential building construction .....	65.7	66.5	75.9	77.2	77.1
153	Operative builders .....	12.7	12.9	15.0	15.2	15.1
154	Nonresidential building construction .....	41.4	40.9	42.7	42.8	42.5
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	61.2	60.1	61.5	58.4	56.0
161	Highway and street construction .....	13.3	12.3	16.0	14.2	13.3
162	Heavy construction, except highway .....	47.9	47.8	45.5	44.2	42.7
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	193.8	192.2	206.4	207.2	206.5
171	Plumbing, heating, air conditioning .....	51.9	52.4	54.5	54.6	54.5
172	Painting, paper hanging, decorating .....	11.0	11.0	11.8	11.5	11.7
173	Electrical work .....	38.8	38.7	40.4	40.6	40.5
174	Masonry, stonework, and plastering .....	20.9	20.6	22.8	23.3	23.0
175	Carpentering and flooring .....	13.1	13.2	15.4	15.5	15.3
176	Roofing and sheet metal work .....	12.9	12.9	13.5	13.6	13.5
	<b>MANUFACTURING</b> .....	5,821	5,785	6,238	6,212	6,185
24, 25, 32-39	<b>DURABLE GOODS</b> .....	2,718	2,708	2,960	2,968	2,967
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	3,103	3,077	3,278	3,244	3,218
	<b>DURABLE GOODS</b>					
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	90.6	90.0	104.5	103.6	103.2
241	Logging camps and logging contractors .....	6.0	5.8	6.4	6.1	5.8
242	Sawmills and planing mills .....	17.2	17.2	19.2	19.1	19.2
2421	Sawmills and planing mills, general .....	11.8	11.8	13.2	13.1	13.1
243	Millwork, plywood, and structural members .....	35.8	35.8	43.6	43.6	43.9
244	Wood containers .....	5.8	5.8	5.9	5.9	5.8
245	Wood buildings and mobile homes .....	7.2	7.1	9.0	8.8	8.6
249	Miscellaneous wood products .....	18.6	18.3	20.4	20.1	19.9
25	<b>FURNITURE AND FIXTURES</b> .....	130.1	129.7	141.3	142.9	142.8
251	Household furniture .....	89.4	88.8	94.6	95.1	94.8
2511	Wood household furniture .....	38.5	38.3	39.6	39.6	39.5
2512	Upholstered household furniture .....	29.9	29.2	33.0	33.2	32.6
2515	Mattresses and bedsprings .....	7.2	7.4	7.9	7.9	8.0
252	Office furniture .....	13.1	13.4	15.4	15.8	16.0
253	Public building and related furniture .....	4.8	4.6	5.0	5.2	5.2
254	Partitions and fixtures .....	9.9	9.9	11.3	11.5	11.7
259	Miscellaneous furniture and fixtures .....	12.9	13.0	15.0	15.3	15.1
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	107.7	105.8	114.2	113.0	111.7
322	Glass and glassware, pressed or blown .....	33.6	32.8	33.6	32.9	31.6
3221	Glass containers .....	19.3	18.8	17.8	17.3	16.2
3229	Pressed and blown glass, nec .....	14.3	14.0	15.8	15.7	15.4
323	Products of purchased glass .....	11.5	11.1	13.3	13.2	13.3
324	Cement, hydraulic .....	1.6	1.5	1.5	1.5	1.5
325	Structural clay products .....	5.4	5.4	5.9	5.7	5.9
326	Pottery and related products .....	13.5	13.2	14.4	14.1	13.5
327	Concrete, gypsum, and plaster products .....	14.6	14.3	15.1	14.9	14.8
329	Misc. nonmetallic mineral products .....	24.7	24.7	27.4	27.7	28.1
33	<b>PRIMARY METAL INDUSTRIES</b> .....	93.0	93.6	102.0	102.4	102.3
331	Blast furnace and basic steel products .....	25.3	25.4	26.6	26.1	25.5
3312	Blast furnaces and steel mills .....	18.2	18.2	19.1	18.7	18.2
332	Iron and steel foundries .....	12.3	12.3	14.0	14.2	14.5

# ESTABLISHMENT DATA WOMEN EMPLOYEES

## B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983	Jan. 1984
<b>PRIMARY METAL INDUSTRIES—Continued</b>						
3321	Gray iron foundries .....	5.6	5.7	6.8	6.9	7.0
3322	Malleable iron foundries .....	.8	.8	.9	.9	.9
3325	Steel foundries, nec .....	3.0	3.0	3.4	3.4	3.5
333	Primary nonferrous metals .....	3.4	3.4	3.5	3.6	3.5
3334	Primary aluminum .....	1.4	1.4	1.5	1.5	1.5
335	Nonferrous rolling and drawing .....	32.7	33.3	36.0	36.4	36.7
3351	Copper rolling and drawing .....	3.0	3.1	3.3	3.3	3.4
3353	Aluminum sheet, plate, and foil .....	2.9	3.0	3.5	3.6	3.6
3357	Nonferrous wire drawing and insulating .....	19.4	19.8	21.2	21.4	21.5
336	Nonferrous foundries .....	14.2	14.3	16.6	16.8	16.8
3361	Aluminum foundries .....	7.5	7.4	8.8	8.7	8.9
34	<b>FABRICATED METAL PRODUCTS</b> .....	290.1	290.4	316.8	316.9	317.5
341	Metal cans and shipping containers .....	10.0	10.4	10.4	10.4	10.5
3411	Metal cans .....	8.3	8.6	8.7	8.6	8.7
342	Cutlery, hand tools, and hardware .....	45.6	45.6	49.7	50.2	50.3
3423, 5	Hand and edge tools, and hand saws and blades .....	13.1	13.0	13.5	13.7	13.7
3429	Hardware, nec .....	26.8	27.2	30.6	30.9	31.1
343	Plumbing and heating, except electric .....	15.3	15.5	16.4	16.5	16.3
344	Fabricated structural metal products .....	64.7	63.4	69.0	68.0	67.3
3441	Fabricated structural metal .....	6.6	6.5	6.3	6.3	6.2
3442	Metal doors, sash, and trim .....	20.2	19.8	23.8	23.1	22.6
3443	Fabricated plate work (boiler shops) .....	15.6	15.0	14.5	14.3	14.2
3444	Sheet metal work .....	14.0	13.7	15.4	15.5	15.5
345	Screw machine products, bolts, etc. ....	18.8	18.7	21.0	21.2	21.2
3451	Screw machine products .....	9.2	9.1	10.9	11.0	11.0
3452	Bolts, nuts, rivets, and washers .....	9.6	9.6	10.1	10.2	10.2
346	Metal forgings and stampings .....	43.4	43.1	50.3	50.6	51.2
3462	Iron and steel forgings .....	3.2	3.2	3.0	3.1	3.1
3465	Automotive stampings .....	9.9	10.4	14.2	14.4	14.8
3469	Metal stampings, nec .....	28.2	27.5	30.9	30.8	31.1
347	Metal services, nec .....	21.4	21.8	24.2	23.9	23.9
3471	Plating and polishing .....	16.1	16.4	17.8	17.8	17.7
3479	Metal coating and allied services .....	5.3	5.4	6.4	6.1	6.2
348	Ordnance and accessories, nec .....	18.7	18.6	19.5	19.7	19.8
349	Misc. fabricated metal products .....	52.2	53.3	56.3	56.4	57.0
3494	Valves and pipe fittings .....	18.9	19.3	19.4	19.5	19.7
3496	Misc. fabricated wire products .....	13.0	13.2	14.9	14.8	15.0
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	451.6	447.9	473.0	476.2	477.4
351	Engines and turbines .....	19.0	18.7	20.6	21.2	21.5
3511	Turbines and turbine generator sets .....	6.0	5.9	5.0	5.0	5.0
3519	Internal combustion engines, nec .....	13.0	12.8	15.6	16.2	16.5
352	Farm and garden machinery .....	21.3	21.4	21.8	22.0	22.6
3523	Farm machinery and equipment .....	15.9	15.7	15.9	15.8	16.0
353	Construction and related machinery .....	37.9	36.5	35.5	35.7	36.2
3531	Construction machinery .....	9.1	8.6	9.3	9.3	9.7
3533	Oil field machinery .....	13.8	13.4	11.8	11.9	12.0
354	Metalworking machinery .....	46.5	45.7	48.0	48.5	48.7
3541	Machine tools, metal cutting types .....	7.4	7.1	7.0	7.2	7.1
3544	Special dies, tools, jigs, and fixtures .....	14.2	14.0	15.3	15.3	15.5
3546	Machine tool accessories .....	10.5	10.4	10.5	10.7	10.9
355	Special industry machinery .....	25.6	25.3	25.4	25.7	25.9
3551	Food products machinery .....	4.8	4.8	4.7	4.8	4.8
3552	Textile machinery .....	4.0	4.0	3.9	3.9	4.0
3555	Printing trades machinery .....	6.7	6.7	6.7	6.7	6.7
356	General industrial machinery .....	50.3	49.7	52.4	53.6	53.9
3561	Pumps and pumping equipment .....	9.6	9.6	9.3	9.3	9.3
3562	Ball and roller bearings .....	10.3	10.3	11.7	11.9	11.9
357	Office and computing machines .....	178.0	178.4	188.0	187.9	187.0
3573	Electronic computing equipment .....	152.9	153.3	162.7	163.1	152.8
358	Refrigeration and service machinery .....	32.0	31.9	36.9	37.0	36.8
3585	Refrigeration and heating equipment .....	20.9	21.2	25.3	25.7	26.1
359	Misc. machinery, except electrical .....	41.0	40.3	44.4	44.6	44.8
3599	Machinery, except electrical, nec .....	33.6	33.1	35.0	35.1	35.2
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT</b> .....	816.8	817.7	908.7	916.5	919.4
361	Electric distributing equipment .....	41.4	40.5	44.6	45.0	45.2
3612	Transformers .....	17.1	16.7	17.9	18.0	18.0
3613	Switchgear and switchboard apparatus .....	24.3	23.8	26.7	27.0	27.2
362	Electrical industrial apparatus .....	68.5	68.5	74.0	75.3	76.1
3621	Motors and generators .....	35.9	35.9	40.5	40.8	41.7
3622	Industrial controls .....	22.9	22.8	23.3	24.0	24.0
363	Household appliances .....	46.3	47.0	54.9	55.7	56.8
3632	Household refrigerators and freezers .....	5.0	5.7	5.3	6.2	6.7
3633	Household laundry equipment .....	3.5	3.9	5.0	5.1	5.4
3634	Electric housewares and fans .....	23.5	21.9	26.2	25.5	24.6
364	Electric lighting and wiring equipment .....	74.2	78.0	86.1	86.5	86.6
3641	Electric lamps .....	11.7	15.7	16.3	16.2	16.3

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983	Jan. 1984
<b>ELECTRIC AND ELECTRONIC EQUIPMENT—Continued</b>						
3643	Current-carrying wiring devices .....	35.2	35.1	38.6	38.8	39.1
365	Radio and TV receiving equipment .....	45.4	45.5	48.0	48.0	46.8
3651	Radio and TV receiving sets .....	33.7	34.5	35.1	35.6	35.7
366	Communication equipment .....	213.1	211.8	220.4	221.3	220.8
3661	Telephone and telegraph apparatus .....	67.4	66.4	68.0	67.8	67.8
3662	Radio and TV communication equipment .....	145.7	145.4	152.4	153.5	153.0
367	Electronic components and accessories .....	274.0	272.5	318.9	322.9	326.0
3671-3	Electronic tubes .....	16.1	16.3	16.8	16.8	16.8
3674	Semiconductors and related devices .....	103.4	103.3	117.5	118.4	120.1
3679	Electronic components, nec .....	113.0	111.8	135.4	136.9	137.7
369	Misc. electrical equipment and supplies .....	53.9	53.9	61.8	61.8	51.5
3694	Engine electrical equipment .....	23.5	23.1	27.2	27.3	27.5
37	<b>TRANSPORTATION EQUIPMENT</b> .....	280.3	280.0	316.3	318.7	320.3
371	Motor vehicles and equipment .....	95.5	95.9	126.2	127.4	126.9
3711	Motor vehicles and car bodies .....	35.9	35.0	49.2	48.8	48.3
3713	Truck and bus bodies .....	2.6	2.5	3.5	3.4	3.5
3714	Motor vehicle parts and accessories .....	53.5	55.1	67.7	69.1	69.0
372	Aircraft and parts .....	113.4	112.7	113.0	113.7	114.7
3721	Aircraft .....	62.4	61.9	62.2	62.7	63.3
3724	Aircraft engines and engine parts .....	25.0	25.0	24.3	24.4	24.4
3728	Aircraft equipment, nec .....	26.0	25.8	26.5	26.6	27.0
373	Ship and boat building and repairing .....	24.0	23.1	24.2	24.0	24.7
3731	Ship building and repairing .....	18.1	17.6	16.3	16.0	16.5
374	Railroad equipment .....	3.3	3.4	3.2	3.1	3.2
376	Guided missiles, space vehicles, parts .....	32.0	32.0	35.1	35.8	35.9
3761	Guided missiles and space vehicles .....	26.3	26.3	28.6	29.1	29.3
379	Miscellaneous transportation equipment .....	7.8	8.0	9.4	9.3	9.4
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	292.1	291.0	299.3	299.3	300.0
381	Engineering and scientific instruments .....	24.8	24.6	24.7	25.1	25.2
382	Measuring and controlling devices .....	99.3	99.3	104.0	104.1	104.5
3822	Environmental controls .....	20.4	20.5	23.2	23.2	23.3
3823	Process control instruments .....	18.5	18.2	17.9	17.8	17.9
3825	Instruments to measure electricity .....	45.0	45.1	45.8	45.9	46.0
383	Optical instruments and lenses .....	11.3	11.3	11.6	11.6	11.6
384	Medical instruments and supplies .....	85.2	85.3	89.3	89.3	89.4
3841	Surgical and medical instruments .....	41.7	41.5	44.0	44.0	44.0
3842	Surgical appliances and supplies .....	36.6	36.9	38.5	38.4	38.4
385	Ophthalmic goods .....	21.9	21.8	22.7	22.8	22.9
386	Photographic equipment and supplies .....	39.0	38.3	36.3	35.9	35.6
387	Watches, clocks, and watchcases .....	10.6	10.4	10.7	10.5	10.8
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	165.7	161.9	183.7	178.8	172.2
391	Jewelry, silverware, and plated ware .....	25.9	24.9	28.2	27.6	26.1
393	Musical instruments .....	8.5	8.5	9.2	9.2	9.3
394	Toys and sporting goods .....	48.6	48.5	58.7	56.1	54.4
3942, 4	Dolls, games, toys, and children's vehicles .....	24.2	24.2	33.4	30.6	29.0
3949	Sporting and athletic goods, nec .....	24.4	24.3	25.3	25.5	25.4
395	Pens, pencils, office and art supplies .....	15.4	15.3	16.4	16.2	16.3
396	Costume jewelry and notions .....	21.7	20.0	24.2	22.9	20.3
399	Miscellaneous manufactures .....	45.6	44.7	47.0	46.8	45.8
<b>NONDURABLE GOODS</b>						
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	488.7	472.2	516.2	496.1	479.4
201	Meat products .....	113.3	111.0	118.0	115.3	111.6
2011	Meat packing plants .....	26.8	25.8	26.7	26.5	25.6
2013	Sausages and other prepared meats .....	21.4	21.0	21.5	21.5	20.8
2016	Poultry dressing plants .....	57.8	56.9	61.6	59.4	57.3
202	Dairy products .....	35.4	34.5	35.8	35.9	35.1
2026	Fluid milk .....	15.4	15.2	15.0	15.1	14.6
203	Preserved fruits and vegetables .....	92.6	83.8	100.6	87.2	83.1
2032	Canned specialties .....	8.4	8.4	8.8	8.5	7.9
2033	Canned fruits and vegetables .....	26.4	22.7	28.7	22.2	20.5
2037	Frozen fruits and vegetables .....	21.9	19.2	24.9	20.2	19.4
204	Grain mill products .....	29.4	29.0	29.0	88.1	86.9
205	Bakery products .....	59.5	58.9	60.0	59.6	58.2
2051	Bread, cake, and related products .....	39.2	38.3	39.2	38.9	37.9
2052	Cookies and crackers .....	20.3	20.6	20.8	20.7	20.3
206	Sugar and confectionery products .....	45.9	46.0	52.7	51.7	47.5
207	Fats and oils .....	5.4	5.2	5.0	5.2	5.3
208	Beverages .....	42.1	41.0	43.0	42.7	42.1
2082	Malt beverages .....	7.9	7.7	9.0	8.8	8.8
2086	Bottled and canned soft drinks .....	18.6	18.5	18.6	18.7	18.5
209	Misc. foods and kindred products .....	65.1	62.8	72.1	70.0	67.8
21	<b>TOBACCO MANUFACTURES</b> .....	25.4	25.2	22.6	23.1	22.4
211	Cigarettes .....	44.3	44.2	13.0	13.3	13.6

# ESTABLISHMENT DATA WOMEN EMPLOYEES

## B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983	Jan. 1984
22	<b>TEXTILE MILL PRODUCTS</b>	347.3	341.5	363.4	362.5	360.0
221	Weaving mills, cotton	54.2	52.7	54.4	53.9	53.6
222	Weaving mills, synthetics	37.5	36.8	37.5	37.6	37.6
223	Weaving and finishing mills, wool	6.4	6.3	7.0	7.1	7.1
224	Narrow fabric mills	12.5	12.4	13.1	13.1	13.1
225	Knitting mills	128.8	125.3	137.3	136.6	135.3
2251	Women's hosiery, except socks	24.8	24.7	27.9	28.3	28.5
2252	Hosiery, nec	21.9	21.7	23.5	23.1	23.2
2253	Knit outerwear mills	43.9	40.7	44.2	43.3	42.2
2254	Knit underwear mills	22.0	22.1	23.6	24.0	23.6
2257	Circular knit fabric mills	9.7	9.6	10.4	10.4	10.3
226	Textile finishing, except wool	19.3	19.2	20.1	20.2	20.2
2261	Finishing plants, cotton	9.0	9.1	9.0	9.3	9.1
2262	Finishing plants, synthetic	4.8	4.7	5.0	4.9	5.0
227	Floor covering mills	19.5	19.9	20.7	20.1	19.6
228	Yarn and thread mills	53.2	52.9	56.1	56.5	56.1
2281	Yarn mills, except wool	34.9	34.6	36.4	36.7	36.3
2282	Throwing and winding mills	9.4	9.6	10.5	10.6	10.6
229	Miscellaneous textile goods	15.9	16.0	17.2	17.4	17.4
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	909.8	915.2	977.0	962.8	959.3
231	Men's and boys' suits and coats	56.3	55.3	54.7	55.1	54.0
232	Men's and boys' furnishings	267.6	266.1	286.2	283.1	282.2
2321	Men's and boys' shirts and nightwear	76.6	76.7	82.7	81.5	84.6
2327	Men's and boys' separate trousers	54.7	54.6	56.6	56.9	56.8
2328	Men's and boys' work clothing	76.6	75.3	93.4	81.8	91.6
233	Women's and misses' outerwear	314.2	321.3	333.8	326.8	329.0
2331	Women's and misses' blouses and waists	54.3	55.8	55.3	54.3	55.4
2335	Women's and misses' dresses	101.1	105.2	109.5	106.7	109.5
2337	Women's and misses' suits and coats	45.0	43.1	48.8	45.2	43.0
2339	Women's and misses' outerwear, nec	113.8	117.2	120.2	120.6	121.1
234	Women's and children's undergarments	69.8	69.0	76.2	75.5	74.4
2341	Women's and children's underwear	58.1	57.5	63.8	63.3	62.2
2342	Brassieres and allied garments	11.7	11.5	12.4	12.2	12.2
236	Children's outerwear	51.5	52.5	55.2	54.8	55.0
2361	Children's dresses and blouses	23.4	23.6	23.6	23.6	23.5
238	Misc. apparel and accessories	34.5	34.5	36.9	35.6	34.3
239	Misc. fabricated textile products	103.2	104.0	119.4	117.5	116.1
2391	Curtains and draperies	17.6	17.5	20.1	19.9	19.7
2392	House furnishings, nec	32.2	31.0	36.6	35.3	34.3
2396	Automotive and apparel trimmings	14.4	16.1	19.3	18.9	18.5
26	<b>PAPER AND ALLIED PRODUCTS</b>	149.1	147.5	155.3	155.4	154.1
261, 2, 6	Paper and pulp mills	26.2	25.8	27.0	27.0	26.8
262	Paper mills, except building paper	23.7	23.3	24.3	24.4	24.2
263	Paperboard mills	5.3	5.3	5.4	5.3	5.4
264	Misc. converted paper products	74.1	73.9	76.7	77.5	77.3
265	Paperboard containers and boxes	43.5	42.5	46.2	45.6	44.6
27	<b>PRINTING AND PUBLISHING</b>	516.1	512.3	533.2	537.9	537.1
271	Newspapers	163.1	161.9	170.4	171.0	169.9
272	Periodicals	58.9	59.2	59.9	60.0	60.4
273	Books	53.4	53.2	50.6	52.7	53.5
274	Miscellaneous publishing	29.0	29.2	29.9	30.4	30.2
275	Commercial printing	136.9	133.6	143.8	145.2	144.7
2751	Commercial printing, letterpress	51.3	48.6	53.8	54.2	54.1
2752	Commercial printing, lithographic	79.4	79.0	83.6	84.4	83.8
276	Manifold business forms	15.4	15.9	16.1	16.4	16.5
278	Blankbooks and bookbinding	31.5	31.9	33.0	32.8	32.9
279	Printing trade services	13.9	13.6	15.0	15.0	15.0
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	273.5	271.2	279.3	279.6	279.2
281	Industrial inorganic chemicals	24.5	24.7	25.4	25.5	25.6
2819	Industrial inorganic chemicals, nec	16.5	16.7	17.5	17.6	17.6
282	Plastics materials and synthetics	36.7	35.9	37.5	37.9	38.1
2821	Plastics materials and resins	10.6	10.5	11.2	11.3	11.5
2824	Organic fibers, noncellulosic	19.2	18.5	18.7	18.8	18.7
283	Drugs	86.3	86.2	86.6	86.5	86.6
2834	Pharmaceutical preparations	71.9	71.9	72.1	72.1	72.1
284	Soap, cleaners, and toilet goods	59.3	57.3	62.9	62.9	62.1
2841	Soap and other detergents	10.1	9.9	10.1	9.6	9.4
2844	Toilet preparations	36.9	34.9	39.5	40.1	39.2
285	Paints and allied products	11.4	11.6	11.9	11.7	11.8
286	Industrial organic chemicals	26.2	26.2	25.7	25.5	25.4
2861, 9	Gum, wood, and industrial organic chemicals, nec	22.0	22.0	21.3	21.1	21.0
287	Agricultural chemicals	9.1	9.2	8.8	8.8	8.8
289	Miscellaneous chemical products	20.0	20.1	20.5	20.8	20.8



**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983	Jan. 1984
29	<b>PETROLEUM AND COAL PRODUCTS</b>	30.8	30.5	30.4	30.1	30.2
291	Petroleum refining	26.1	25.8	25.4	25.4	25.5
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b>	236.3	235.5	268.5	268.8	259.3
301	Tires and inner tubes	9.0	8.7	8.8	8.8	8.9
302	Rubber and plastics footwear	11.7	10.5	10.7	10.5	10.5
303,4	Reclaimed rubber, and rubber and plastics hose and belting	5.3	5.3	5.9	6.1	6.1
306	Fabricated rubber products, nec	32.8	32.8	36.8	36.8	37.1
307	Miscellaneous plastics products	177.5	178.2	206.3	206.6	206.7
31	<b>LEATHER AND LEATHER PRODUCTS</b>	126.3	125.7	132.4	127.9	127.0
311	Leather tanning and finishing	2.7	2.6	2.7	2.8	2.8
314	Footwear, except rubber	87.0	87.7	88.5	86.2	86.2
3143	Men's footwear, except athletic	31.5	32.0	32.5	31.8	32.3
3144	Women's footwear, except athletic	37.1	37.1	36.4	36.1	35.8
316	Luggage	6.5	6.2	7.6	7.1	7.0
317	Handbags and personal leather goods	17.2	16.4	20.0	18.1	17.8
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	1,341	1,323	1,354	1,359	1,356
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b>	78.3	78.4	76.5	78.0	78.4
411	Local and suburban transportation	16.7	16.6	18.2	18.3	18.5
412	Taxicabs	6.1	6.1	5.7	6.0	5.8
413	Intercity highway transportation	4.6	4.2	2.1	2.6	4.0
415	School buses	47.2	47.6	46.1	46.7	45.8
42	<b>TRUCKING AND WAREHOUSING</b>	156.7	150.7	162.0	164.7	159.7
421,3	Trucking and trucking terminals	138.9	133.5	142.8	146.9	142.4
422	Public warehousing	17.8	17.2	19.2	17.8	17.3
44	<b>WATER TRANSPORTATION</b>	25.0	24.1	25.1	25.4	24.8
45	<b>TRANSPORTATION BY AIR</b>	146.8	145.3	148.1	147.9	149.5
451,2	Air transportation	137.3	135.3	137.5	137.3	138.9
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b>	2.9	2.8	2.7	2.7	2.8
47	<b>TRANSPORTATION SERVICES</b>	112.0	113.9	121.8	121.8	122.7
48	<b>COMMUNICATION</b>	624.7	614.2	619.6	620.1	619.1
481	Telephone communication	509.2	497.0	499.3	488.4	486.3
483	Radio and television broadcasting	75.7	77.0	79.0	79.3	79.6
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	173.2	174.1	178.2	178.9	179.1
491	Electric services	84.4	84.8	88.3	88.5	88.7
492	Gas production and distribution	39.2	38.6	38.3	38.4	38.3
493	Combination utility services	37.6	37.7	38.8	39.0	38.9
495	Sanitary services	6.5	7.4	7.1	7.2	7.5
-	<b>WHOLESALE AND RETAIL TRADE</b>	9,441	8,972	9,471	9,747	9,247
50,51	<b>WHOLESALE TRADE</b>	1,389	1,363	1,436	1,438	1,425
50	<b>WHOLESALE TRADE-DURABLE GOODS</b>	754	747	784	788	789
501	Motor vehicles and automotive equipment	86.9	87.0	90.0	90.0	90.4
502	Furniture and home furnishings	45.2	44.9	47.7	47.8	47.3
503	Lumber and construction materials	36.3	36.2	40.0	40.2	39.7
504	Sporting goods, toys, and hobby goods	24.6	24.4	26.3	26.0	26.5
505	Metals and minerals, except petroleum	25.8	25.1	24.7	25.0	24.5
506	Electrical goods	126.1	123.3	134.6	135.1	134.6
507	Hardware, plumbing, and heating equipment	64.0	63.7	65.0	65.5	66.0
508	Machinery, equipment, and supplies	302.2	299.6	311.7	314.1	316.2
509	Miscellaneous durable goods	42.9	42.5	43.8	44.5	44.2
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b>	635	616	652	650	636
511	Paper and paper products	52.5	51.6	54.7	54.5	54.5
512	Drugs, proprietaries, and sundries	68.8	69.2	69.3	70.5	70.8
513	Apparel, piece goods, and notions	85.5	81.0	86.9	86.4	85.5
514	Groceries and related products	152.7	143.0	160.0	159.6	150.5
518	Chemicals and allied products	37.5	39.1	40.2	40.1	40.4
517	Petroleum and petroleum products	53.5	50.9	52.2	52.3	51.5
518	Beer, wine, and distilled beverages	22.0	21.8	22.4	22.5	22.6
519	Miscellaneous nondurable goods	120.0	119.6	121.9	121.8	119.9

# ESTABLISHMENT DATA WOMEN EMPLOYEES

## B-3. Women employees on nonagricultural payrolls by industry—Continued.

[In thousands]

1972 SIC Code	Industry	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983	Jan. 1984
52-59	RETAIL TRADE .....	8,052	7,609	8,035	8,309	7,822
52	BUILDING MATERIALS AND GARDEN SUPPLIES .....	162.4	154.3	167.2	169.5	151.5
521	Lumber and other building materials .....	62.8	61.9	68.8	68.7	67.3
525	Hardware stores .....	58.1	55.6	59.2	60.0	58.3
53	GENERAL MERCHANDISE STORES .....	1,674.5	1,524.0	1,625.1	1,762.4	1,597.7
531	Department stores .....	1,402.4	1,290.7	1,378.4	1,500.0	1,367.4
533	Variety stores .....	187.8	159.9	168.0	178.9	157.0
539	Misc. general merchandise stores .....	84.3	73.4	78.7	83.5	73.3
54	FOOD STORES .....	1,123.3	1,091.5	1,144.2	1,157.9	1,123.8
541	Grocery stores .....	928.9	916.9	954.4	959.8	950.2
542	Meat markets and freezer provisioners .....	18.0	17.6	18.1	17.7	17.4
546	Retail bakeries .....	85.8	85.0	90.1	90.0	86.6
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS .....	312.9	309.2	325.6	327.6	328.1
551,2	New and used car dealers .....	108.7	108.4	114.9	115.5	116.2
553	Auto and home supply stores .....	49.2	49.0	49.6	50.7	50.1
554	Gasoline service stations .....	141.4	138.3	145.4	145.9	146.8
56	APPAREL AND ACCESSORY STORES .....	731.1	663.7	692.6	749.0	691.6
561	Men's and boys' clothing and furnishings .....	62.3	54.6	54.3	61.2	55.1
562	Women's ready-to-wear stores .....	332.9	305.1	326.1	343.5	315.4
565	Family clothing stores .....	154.9	134.0	136.4	154.8	133.8
566	Shoe stores .....	90.5	85.9	87.4	94.0	38.9
57	FURNITURE AND HOME FURNISHING STORES .....	210.0	208.8	225.6	230.9	222.8
571	Furniture and home furnishings stores .....	132.2	129.3	138.2	140.1	136.9
572	Household appliance stores .....	23.0	26.7	27.3	27.3	25.9
573	Radio, television, and music stores .....	54.8	52.8	60.1	63.5	60.0
58	EATING AND DRINKING PLACES .....	2,688.8	2,587.4	2,710.5	2,710.4	2,599.8
59	MISCELLANEOUS RETAIL .....	1,149.0	1,070.2	1,144.1	1,201.0	1,107.1
591	Drug stores and proprietary stores .....	321.6	313.1	320.1	329.1	320.7
592	Liquor stores .....	37.1	35.1	37.2	39.0	36.2
594	Miscellaneous shopping goods stores .....	439.8	391.3	428.0	468.6	407.0
596	Nonstore retailers .....	165.9	153.7	175.4	174.0	161.1
598	Fuel and ice dealers .....	24.5	24.2	23.9	24.5	24.2
599	Retail stores, nec .....	138.0	130.6	135.4	141.6	133.7
	FINANCE, INSURANCE, AND REAL ESTATE .....	3,210	3,202	3,305	3,318	3,326
60	BANKING .....	1,173.4	1,174.1	1,180.2	1,182.4	1,182.5
602	Commercial and stock savings banks .....	1,076.2	1,076.5	1,079.2	1,081.5	1,081.6
61	CREDIT AGENCIES OTHER THAN BANKS .....	413.6	412.8	441.1	445.4	447.4
612	Savings and loan associations .....	209.7	214.2	231.0	233.1	233.6
614	Personal credit institutions .....	129.2	122.9	127.4	128.6	128.8
62	SECURITY, COMMODITY BROKERS, AND SERVICES .....	123.8	123.8	141.1	141.8	142.4
621	Security brokers and dealers .....	100.9	99.9	114.5	114.9	115.3
63	INSURANCE CARRIERS .....	744.0	741.4	745.6	746.4	748.6
631	Life insurance .....	299.9	297.9	297.0	296.7	296.8
632	Medical service and health insurance .....	102.8	103.0	105.7	106.5	107.4
633	Fire, marine, and casualty insurance .....	292.7	290.9	287.3	287.4	288.2
64	INSURANCE AGENTS, BROKERS, AND SERVICE .....	301.0	301.6	307.6	307.9	310.6
65	REAL ESTATE .....	371.8	368.2	404.0	408.2	410.2
651	Real estate operators and lessors .....	161.4	160.3	178.9	182.1	182.7
653	Real estate agents and managers .....	164.2	162.9	173.9	174.2	175.1
655	Subdividers and developers .....	32.9	31.7	34.2	34.9	35.6
66	COMBINED REAL ESTATE, INSURANCE, ETC .....	10.8	10.3	10.3	10.4	10.5
67	HOLDING AND OTHER INVESTMENT OFFICES .....	71.8	70.1	74.7	75.4	74.0
-	SERVICES .....	11,444	11,368	11,929	11,973	11,874
70	HOTELS AND OTHER LODGING PLACES .....	563.1	551.2	594.3	582.0	558.0
701	Hotels, motels, and tourist courts .....	546.8	535.9	578.0	566.1	553.7

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983	Jan. 1984
72	<b>PERSONAL SERVICES</b> .....	651.5	659.3	653.7	656.6	663.8
721	Laundry, cleaning, and garment services .....	218.2	216.9	220.6	220.2	220.3
723	Beauty shops .....	261.3	259.2	270.8	273.3	270.8
726	Funeral service and crematories .....	20.2	21.2	21.3	21.7	21.1
73	<b>BUSINESS SERVICES</b> .....	1,491.7	1,475.1	1,697.8	1,748.4	1,727.3
731	Advertising .....	81.2	82.5	87.2	85.1	85.7
732	Credit reporting and collection .....	54.0	53.6	57.6	57.6	57.9
733	Mailing, reproduction, stenographic .....	67.0	66.3	76.0	73.8	73.6
734	Services to buildings .....	201.5	197.9	212.2	212.3	212.3
736	Personnel supply services .....	372.6	371.7	494.1	540.3	518.7
737	Computer and data processing services .....	180.4	181.4	194.5	197.8	201.0
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	102.4	100.7	102.5	102.9	103.7
753	Automotive repair shops .....	50.7	49.6	49.5	49.4	50.8
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	55.5	55.2	54.6	55.0	54.5
78	<b>MOTION PICTURES</b> .....	80.7	77.2	78.9	79.0	78.2
781	Motion picture production and services .....	29.8	27.0	29.2	29.1	28.7
783	Motion picture theaters .....	44.9	44.2	43.7	44.1	43.7
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	299.1	283.3	305.8	313.9	296.6
80	<b>HEALTH SERVICES</b> .....	4,771.6	4,792.0	4,897.6	4,900.5	4,895.1
801	Offices of physicians .....	655.6	656.1	692.4	696.9	699.5
802	Offices of dentists .....	335.4	336.7	359.5	362.3	363.9
805	Nursing and personal care facilities .....	955.6	956.1	991.6	984.2	993.9
806	Hospitals .....	2,442.0	2,445.8	2,431.5	2,421.0	2,416.2
81	<b>LEGAL SERVICES</b> .....	408.9	408.5	439.7	441.9	442.9
82	<b>EDUCATIONAL SERVICES</b> .....	688.6	653.8	695.9	681.0	636.4
821	Elementary and secondary schools .....	218.9	218.8	216.3	217.3	216.2
822	Colleges and universities .....	399.8	366.1	406.6	389.4	349.4
83	<b>SOCIAL SERVICES</b> .....	895.7	889.0	957.2	960.1	957.3
89	<b>MISCELLANEOUS SERVICES</b> .....	358.6	360.7	373.4	377.3	385.9
891	Engineering and architectural services .....	126.7	124.7	131.8	132.2	132.3
893	Accounting, auditing, and bookkeeping .....	176.8	180.9	183.5	186.9	195.5
	<b>GOVERNMENT</b> .....	7,704	7,585	7,836	7,828	7,727
	<b>FEDERAL GOVERNMENT</b> .....	887	895	952	956	951
	<b>STATE AND LOCAL GOVERNMENT</b> .....	6,817	6,700	6,884	6,872	6,776
	State government .....	1,657.6	1,580.1	1,660.2	1,655.7	1,618.0
	Hospitals .....	305.7	305.7	299.7	299.2	298.9
	State education .....	721.4	673.8	737.7	729.6	696.4
	General administration including executive, legislative, and judicial functions .....	422.7	392.2	410.7	414.5	419.0
	Local government .....	5,159.2	5,120.0	5,223.4	5,216.3	5,157.5
	Transportation and public utilities .....	88.8	88.9	93.1	93.6	94.3
	Hospitals .....	518.6	519.1	516.7	514.7	514.3
	Local education .....	3,418.0	3,402.4	3,469.3	3,468.0	3,412.0
	General administration including executive, legislative, and judicial functions .....	960.2	937.0	960.6	955.1	953.9

# ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Industry division and group	1983											1984	
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. p	Mar. p
<b>TOTAL</b> .....	88,814	89,090	89,421	89,844	90,152	89,748	90,851	91,084	91,355	91,599	91,930	92,347	92,490
<b>GOODS-PRODUCING</b> .....	23,030	23,159	23,347	23,518	23,724	23,830	23,935	24,168	24,311	24,415	24,617	24,772	24,782
<b>MINING</b> .....	1,006	997	994	1,003	1,017	1,023	1,026	1,044	1,045	1,047	1,051	1,053	1,053
<b>CONSTRUCTION</b> .....	3,757	3,786	3,863	3,933	3,974	4,014	4,038	4,060	4,094	4,088	4,177	4,228	4,178
<b>MANUFACTURING</b> .....	18,267	18,376	18,493	18,582	18,733	18,793	18,871	19,064	19,172	19,280	19,389	19,491	19,551
<b>DURABLE GOODS</b> .....	10,617	10,689	10,783	10,844	10,961	11,022	11,081	11,235	11,320	11,406	11,477	11,557	11,513
Lumber and wood products .....	638	651	662	679	688	699	703	712	714	715	717	719	724
Furniture and fixtures .....	433	440	446	450	459	457	459	465	470	473	477	482	485
Stone, clay, and glass products .....	559	565	573	573	577	582	585	590	590	589	593	602	604
Primary metal industries .....	816	820	828	830	839	840	849	867	871	881	872	878	876
Fabricated metal products .....	1,362	1,369	1,379	1,384	1,391	1,410	1,411	1,430	1,438	1,449	1,458	1,461	1,469
Machinery, except electrical .....	2,030	2,031	2,064	2,066	2,094	2,109	2,115	2,131	2,158	2,172	2,187	2,202	2,214
Electric and electronic equipment .....	1,988	1,999	2,010	2,030	2,047	2,043	2,082	2,107	2,128	2,146	2,165	2,189	2,209
Transportation equipment .....	1,723	1,743	1,757	1,762	1,794	1,807	1,801	1,848	1,862	1,887	1,909	1,930	1,923
Instruments and related products .....	691	690	689	687	687	692	696	699	701	701	706	707	712
Miscellaneous manufacturing ind. ....	377	381	383	383	385	383	380	386	388	393	393	397	397
<b>NONDURABLE GOODS</b> .....	7,650	7,687	7,705	7,738	7,772	7,771	7,790	7,829	7,852	7,874	7,912	7,924	7,938
Food and kindred products .....	1,619	1,633	1,632	1,643	1,638	1,627	1,630	1,628	1,633	1,632	1,642	1,639	1,538
Tobacco manufactures .....	67	66	66	65	65	62	63	64	61	62	61	61	63
Textile mill products .....	730	733	736	745	746	752	753	759	758	759	766	763	766
Apparel and other textile products .....	1,143	1,149	1,153	1,159	1,180	1,175	1,177	1,191	1,199	1,206	1,210	1,214	1,215
Paper and allied products .....	652	654	656	657	658	659	662	665	666	670	671	674	672
Printing and publishing .....	1,269	1,274	1,276	1,284	1,284	1,289	1,290	1,297	1,301	1,303	1,310	1,313	1,317
Chemicals and allied products .....	1,056	1,058	1,058	1,056	1,059	1,056	1,060	1,061	1,061	1,064	1,065	1,065	1,066
Petroleum and coal products .....	199	199	198	198	197	195	195	193	193	192	192	191	192
Rubber and misc. plastic products .....	699	707	716	721	732	739	742	753	762	769	777	786	793
Leather and leather products .....	216	214	214	213	213	217	218	218	218	217	218	218	216
<b>SERVICE-PRODUCING</b> .....	65,784	65,931	66,074	66,326	66,428	65,918	66,916	66,916	67,044	67,184	67,313	67,575	67,708
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,963	4,988	4,993	4,992	4,984	4,341	5,031	5,019	5,019	5,015	5,057	5,057	5,069
<b>WHOLESALE AND RETAIL TRADE</b> .....	20,350	20,329	20,356	20,494	20,529	20,580	20,612	20,666	20,718	20,781	20,860	20,925	20,341
<b>WHOLESALE TRADE</b> .....	5,176	5,180	5,197	5,222	5,229	5,249	5,274	5,287	5,291	5,313	5,343	5,361	5,375
<b>RETAIL TRADE</b> .....	15,174	15,149	15,159	15,272	15,300	15,331	15,338	15,379	15,427	15,468	15,517	15,564	15,566
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	5,391	5,423	5,435	5,451	5,465	5,488	5,499	5,503	5,515	5,525	5,553	5,566	5,571
<b>SERVICES</b> .....	19,356	19,478	19,546	19,668	19,770	19,835	19,913	19,956	20,016	20,093	20,101	20,241	20,365
<b>GOVERNMENT</b> .....	15,724	15,713	15,744	15,721	15,680	15,674	15,861	15,772	15,776	15,770	15,742	15,776	15,762
<b>FEDERAL</b> .....	2,742	2,738	2,756	2,742	2,738	2,746	2,778	2,761	2,763	2,768	2,762	2,760	2,761
<b>STATE AND LOCAL</b> .....	12,982	12,975	12,988	12,979	12,942	12,928	13,083	13,011	13,013	13,002	12,980	13,016	13,001

p=preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

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

[In thousands]

Industry division and group	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>TOTAL</b> .....	38,955	38,977	39,048	39,176	39,306	39,458	39,736	39,556	39,958	40,063	40,182	40,338	40,467
<b>GOODS-PRODUCING</b> .....	6,376	6,376	6,393	6,433	6,466	6,505	6,561	6,569	6,606	6,664	6,715	6,754	6,801
<b>MINING</b> .....	129	128	127	126	123	122	123	124	124	125	124	125	125
<b>CONSTRUCTION</b> .....	379	379	380	380	382	384	389	391	396	396	401	403	403
<b>MANUFACTURING</b> .....	5,868	5,869	5,883	5,927	5,961	5,999	6,049	6,054	6,086	6,143	6,190	6,226	6,273
<b>DURABLE GOODS</b> .....	2,732	2,738	2,743	2,769	2,792	2,808	2,842	2,851	2,876	2,913	2,943	2,970	2,995
Lumber and wood products .....	93	94	95	96	97	100	101	101	102	103	104	105	106
Furnitures and fixtures .....	130	129	131	133	134	135	138	137	137	138	139	141	143
Stone, clay, and glass products .....	108	107	108	110	111	110	111	111	112	113	114	114	114
Primary metal industries .....	95	96	96	96	96	97	97	97	99	101	102	104	104
Fabricated metal products .....	293	295	296	298	301	303	304	308	308	312	315	318	321
Machinery, except electrical .....	447	445	443	445	451	452	459	464	463	466	473	475	477
Electric and electronic equipment .....	822	826	831	837	844	851	863	861	881	896	906	914	924
Transportation equipment .....	283	286	287	291	295	296	301	303	306	311	313	319	324
Instruments and related products .....	292	291	291	290	289	289	291	294	296	297	299	299	302
Miscellaneous manufacturing ind. ....	169	169	170	173	174	175	177	175	172	176	178	181	180
<b>NONDURABLE GOODS</b> .....	3,136	3,131	3,135	3,158	3,169	3,191	3,207	3,203	3,210	3,230	3,247	3,256	3,278
Food and kindred products .....	499	498	497	505	505	513	507	498	498	496	503	503	506
Tobacco manufactures .....	24	23	23	23	23	23	22	21	22	22	21	22	22
Textile mill products .....	346	345	348	349	350	355	355	357	358	361	360	361	364
Apparel and other textile products .....	932	928	924	929	933	937	954	950	952	964	970	971	977
Paper and allied products .....	150	149	150	151	151	152	153	153	154	155	155	156	156
Printing and publishing .....	513	513	515	518	520	523	524	526	527	530	532	534	538
Chemicals and allied products .....	274	275	275	276	276	277	278	278	280	280	280	281	282
Petroleum and coal products .....	31	31	31	31	30	30	30	30	30	30	30	30	31
Rubber and misc. plastics products .....	238	241	244	249	253	254	257	252	260	263	266	269	272
Leather and leather products .....	129	128	128	127	128	127	127	128	129	129	130	129	130
<b>SERVICE-PRODUCING</b> .....	32,579	32,601	32,658	32,743	32,840	32,953	33,175	32,987	33,352	33,399	33,467	33,584	33,666
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	1,328	1,328	1,328	1,332	1,329	1,333	1,326	1,021	1,346	1,343	1,342	1,348	1,361
<b>WHOLESALE AND RETAIL TRADE</b> .....	9,063	9,068	9,088	9,094	9,099	9,167	9,208	9,225	9,216	9,247	9,274	9,295	9,345
<b>WHOLESALE TRADE</b> .....	1,374	1,375	1,372	1,377	1,381	1,396	1,401	1,408	1,412	1,414	1,420	1,427	1,436
<b>RETAIL TRADE</b> .....	7,689	7,693	7,716	7,717	7,718	7,771	7,807	7,817	7,804	7,833	7,854	7,868	7,909
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,218	3,220	3,227	3,251	3,255	3,263	3,277	3,287	3,304	3,305	3,312	3,321	3,343
<b>SERVICES</b> .....	11,474	11,500	11,536	11,603	11,654	11,708	11,759	11,802	11,852	11,882	11,905	11,985	11,982
<b>GOVERNMENT</b> .....	7,496	7,485	7,479	7,463	7,503	7,482	7,605	7,652	7,634	7,622	7,634	7,635	7,635
<b>FEDERAL</b> .....	892	891	902	910	928	935	947	951	965	963	963	963	959
<b>STATE AND LOCAL</b> .....	6,604	6,594	6,577	6,553	6,575	6,547	6,658	6,701	6,669	6,659	6,671	6,672	6,676

# ESTABLISHMENT DATA

## SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Industry division and group	1983											1984		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	Mar. <sup>P</sup>	
<b>TOTAL PRIVATE</b> .....	58,889	59,150	59,462	59,871	60,182	59,751	60,607	60,886	61,118	61,323	61,610	61,925	62,027	
<b>GOODS-PRODUCING</b> .....	15,881	16,016	16,183	16,349	16,538	16,626	16,705	16,926	17,060	17,140	17,316	17,450	17,440	
<b>MINING</b> .....	707	701	699	710	721	724	728	741	742	745	750	749	749	
<b>CONSTRUCTION</b> .....	2,851	2,880	2,953	3,024	3,061	3,099	3,118	3,142	3,171	3,165	3,244	3,296	3,236	
<b>MANUFACTURING</b> .....	12,323	12,435	12,531	12,615	12,756	12,803	12,859	13,043	13,147	13,230	13,322	13,405	13,455	
<b>DURABLE GOODS</b> .....	6,961	7,035	7,115	7,169	7,278	7,329	7,378	7,522	7,601	7,665	7,725	7,803	7,934	
Lumber and wood products .....	529	540	550	566	575	584	588	597	600	601	602	603	610	
Furniture and fixtures .....	342	349	354	357	365	364	365	371	376	378	382	386	389	
Stone, clay, and glass products .....	423	429	434	436	440	446	448	453	454	452	454	463	463	
Primary metal industries .....	601	608	615	616	625	629	636	653	660	668	660	668	668	
Fabricated metal products .....	982	987	996	1,003	1,009	1,023	1,025	1,044	1,049	1,060	1,069	1,073	1,079	
Machinery, except electrical .....	1,171	1,175	1,201	1,204	1,227	1,241	1,247	1,262	1,287	1,297	1,312	1,328	1,339	
Electric and electronic equipment .....	1,193	1,204	1,213	1,226	1,242	1,238	1,270	1,292	1,310	1,319	1,333	1,351	1,366	
Transportation equipment .....	1,066	1,085	1,093	1,103	1,134	1,141	1,134	1,176	1,188	1,211	1,231	1,246	1,233	
Instruments and related products .....	384	384	384	382	382	386	391	394	395	393	395	396	398	
Miscellaneous manufacturing ind. ....	270	274	275	276	279	277	274	280	282	286	287	289	289	
<b>NONDURABLE GOODS</b> .....	5,362	5,400	5,416	5,446	5,478	5,474	5,481	5,521	5,546	5,565	5,597	5,632	5,821	
Food and kindred products .....	1,114	1,126	1,126	1,136	1,133	1,120	1,120	1,120	1,127	1,126	1,138	1,131	1,135	
Tobacco manufactures .....	52	51	51	50	50	47	48	49	46	48	46	46	48	
Textile mill products .....	627	631	634	643	643	650	650	655	656	658	664	661	664	
Apparel and other textile products .....	965	972	976	980	999	994	995	1,009	1,016	1,022	1,027	1,030	1,030	
Paper and allied products .....	486	488	491	491	494	492	495	498	499	503	504	506	507	
Printing and publishing .....	694	699	701	705	705	708	708	714	719	719	723	723	726	
Chemicals and allied products .....	585	587	585	586	589	588	589	591	592	594	595	596	595	
Petroleum and coal products .....	122	122	120	119	119	118	117	116	115	114	112	113	115	
Rubber and misc. plastics products .....	538	546	554	558	568	575	576	586	593	599	605	613	621	
Leather and leather products .....	179	178	178	178	178	182	183	183	183	182	183	183	180	
<b>SERVICE-PRODUCING</b> .....	43,008	43,134	43,279	43,522	43,644	43,125	43,902	43,960	44,058	44,183	44,294	44,475	44,587	
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,086	4,106	4,111	4,110	4,103	3,461	4,143	4,135	4,129	4,130	4,162	4,163	4,168	
<b>WHOLESALE AND RETAIL TRADE</b> .....	17,776	17,754	17,797	17,910	17,958	18,000	18,018	18,052	18,096	18,141	18,200	18,250	18,259	
<b>WHOLESALE TRADE</b> .....	4,156	4,165	4,182	4,203	4,207	4,225	4,250	4,256	4,259	4,274	4,302	4,311	4,320	
<b>RETAIL TRADE</b> .....	13,620	13,589	13,615	13,707	13,751	13,775	13,768	13,796	13,837	13,867	13,898	13,939	13,939	
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,012	4,037	4,049	4,065	4,071	4,090	4,095	4,099	4,108	4,118	4,133	4,137	4,142	
<b>SERVICES</b> .....	17,134	17,237	17,322	17,437	17,512	17,574	17,646	17,674	17,725	17,794	17,799	17,925	18,018	

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p = preliminary.

# ESTABLISHMENT DATA

## B-7. Indexes of diffusion: Percent of industries in which employment<sup>1</sup> increased

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1982.....	28.5	45.4	36.0	39.0	47.6	32.8	38.4	37.1	34.1	29.3	32.0	42.2
	1983.....	56.5	45.7	62.4	69.1	71.0	64.5	68.5	68.0	60.8	70.7	64.5	64.0
	1984.....	66.9	69.4p	65.1p									
Over 3-month span	1982.....	25.3	28.8	32.0	34.1	32.5	33.6	27.2	27.2	26.1	25.5	24.7	40.6
	1983.....	45.4	55.1	65.6	75.8	76.1	77.2	73.9	79.6	79.6	74.2	72.0	75.0
	1984.....	79.3p	79.3p										
Over 6-month span	1982.....	20.2	23.7	25.3	29.8	26.1	26.1	23.4	19.1	21.2	26.1	26.6	35.8
	1983.....	50.5	63.2	73.4	76.3	79.3	83.6	82.5	80.4	82.0	84.1	82.8p	82.3p
	1984.....												
Over 12-month span	1982.....	22.0	20.7	18.0	19.4	18.3	20.7	20.7	22.8	24.2	31.5	37.6	44.1
	1983.....	48.9	58.3	62.6	73.4	76.1	81.2	84.4	87.9p	86.0p			
	1984.....												

<sup>1</sup> Number of employees, seasonally adjusted for 1, 3, and 6 month spans, on payrolls of 186 private nonagricultural industries.  
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 DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
<b>1 ALABAMA</b> .....	1,285.6	1,324.4	1,329.7	13.6	13.1	13.4	52.7	60.1	60.6	326.6	344.6	344.8
2 Birmingham .....	329.2	336.5	337.5	7.5	6.8	6.7	16.8	18.6	18.8	48.8	49.1	49.6
3 Huntsville .....	126.4	135.3	135.3	(1)	(1)	(1)	3.2	4.0	4.1	39.6	44.7	44.8
4 Mobile .....	140.1	144.6	145.8	(1)	(1)	(1)	8.5	9.5	9.6	24.1	25.0	24.9
5 Montgomery .....	103.8	107.5	107.7	(1)	(1)	(1)	4.9	6.1	6.1	14.8	15.8	15.9
6 Tuscaloosa .....	48.4	50.3	50.8	1.7	2.2	2.4	1.6	1.8	1.8	7.3	8.0	8.0
<b>7 ALASKA</b> .....	192.9	199.5	202.2	8.3	8.1	8.2	14.3	15.0	15.0	7.6	6.7	7.2
<b>8 ARIZONA</b> .....	1,040.0	1,101.6	1,117.5	14.0	14.3	14.3	66.9	82.0	82.6	149.5	162.1	162.6
9 Phoenix .....	667.5	716.8	727.4	.6	.6	.6	46.9	57.2	57.6	107.8	117.3	117.7
10 Tucson .....	192.4	203.7	206.3	3.4	3.6	3.6	12.1	16.6	16.7	25.5	27.5	27.6
<b>11 ARKANSAS</b> .....	711.8	749.4	758.5	5.3	5.2	5.2	26.3	26.1	26.9	188.5	205.0	206.7
12 Fayetteville—Springdale .....	65.1	67.1	68.9	(1)	(1)	(1)	1.9	2.2	2.4	18.6	18.9	19.5
13 Fort Smith .....	65.0	69.6	70.5	1.1	1.2	1.1	2.3	2.6	2.7	19.7	23.1	23.5
14 Little Rock—North Little Rock .....	176.2	184.0	184.5	(1)	(1)	(1)	7.7	7.9	8.1	24.9	26.0	26.1
15 Pine Bluff .....	28.7	29.9	29.9	(1)	(1)	(1)	1.1	.9	.9	5.2	5.8	5.6
<b>16 CALIFORNIA</b> .....	9,709.7	10,078.7	10,108.9	46.8	47.0	46.4	319.3	368.4	366.8	1,874.8	1,950.2	1,965.5
17 Anaheim—Santa Ana—Garden Grove .....	839.9	872.1	878.2	3.6	3.4	3.4	29.7	34.1	35.4	204.2	213.4	215.3
18 Bakersfield .....	136.8	142.7	141.5	13.8	14.6	14.3	6.5	6.5	6.5	9.5	9.6	9.3
19 Fresno .....	170.1	173.1	174.1	.9	1.2	1.2	7.5	8.5	8.5	18.8	19.7	20.0
20 Los Angeles—Long Beach .....	3,496.5	3,589.2	3,601.4	12.7	12.6	12.5	89.6	98.0	97.4	837.2	863.6	871.3
21 Modesto .....	81.1	82.8	82.4	.1	.1	.1	3.5	4.1	3.9	17.0	17.6	17.8
22 Oxnard—Simi Valley—Ventura .....	161.9	165.3	165.9	3.4	3.3	3.3	5.0	6.0	6.3	25.5	25.0	25.1
23 Riverside—San Bernardino—Ontario .....	433.0	445.1	445.5	1.2	1.2	1.2	19.3	21.7	21.2	56.0	56.0	56.2
24 Sacramento .....	405.3	419.8	421.8	.7	.8	.8	13.6	17.5	17.5	25.9	28.2	28.3
25 Salinas—Seaside—Monterey .....	86.8	90.4	91.2	.4	.4	.4	2.7	3.3	3.2	7.2	8.3	8.4
26 San Diego .....	661.9	688.9	692.4	.5	.5	.5	27.2	34.3	34.3	104.2	109.2	109.7
27 San Francisco—Oakland .....	1,532.8	1,561.3	1,558.0	4.4	4.5	4.5	56.8	58.3	58.1	182.8	181.4	180.3
28 San Jose .....	695.3	725.5	727.6	.1	.1	.1	20.0	25.5	25.2	256.4	263.3	264.9
29 Santa Barbara—Santa Maria—Lompoc .....	121.9	124.8	124.9	1.6	1.5	1.5	4.1	4.5	4.4	19.7	21.2	21.2
30 Santa Rosa .....	93.9	97.4	97.0	.6	.6	.6	3.6	4.2	3.9	14.7	15.8	15.9
31 Stockton .....	114.9	116.9	116.7	.1	.1	.1	5.0	5.9	5.8	17.9	18.2	18.2
32 Vallejo—Fairfield—Napa .....	99.9	102.0	101.7	.4	.4	.4	3.9	4.3	4.1	9.4	9.7	9.6
<b>33 COLORADO</b> .....	1,293.7	1,329.7	1,335.6	36.8	37.3	36.9	74.2	78.0	78.8	175.3	183.6	183.9
34 Denver—Boulder .....	835.6	858.9	862.7	26.4	26.0	25.8	46.1	47.1	47.8	119.8	126.5	126.3
<b>35 CONNECTICUT</b> .....	1,399.0	1,446.7	1,447.4	1.4	1.3	1.2	43.6	48.9	47.5	400.6	410.3	411.1
36 Bridgeport .....	162.7	165.4	164.7	-	-	-	4.0	4.2	4.0	58.2	59.2	59.4
37 Hartford .....	395.0	403.5	402.4	.1	-	-	10.1	11.0	10.9	87.7	87.8	87.7
38 New Britain .....	58.1	58.7	58.7	-	-	-	1.7	2.0	1.8	23.7	24.3	24.2
39 New Haven—West Haven .....	184.9	192.8	192.9	.2	.2	.2	5.2	5.7	5.5	38.5	39.2	39.0
40 Stamford .....	109.5	112.2	111.7	.8	.7	.7	4.0	4.4	4.2	31.0	30.8	30.9
41 Waterbury .....	82.3	85.8	85.8	-	-	-	2.2	2.5	2.3	27.9	29.5	29.9
<b>42 DELAWARE</b> .....	254.8	264.4	264.0	.1	.1	.1	14.9	15.2	15.1	66.6	67.4	67.2
43 Wilmington .....	226.3	233.2	233.3	.2	.2	.2	16.9	17.6	17.6	59.5	59.0	58.8
<b>44 DISTRICT OF COLUMBIA</b> .....	582.7	589.7	589.6	.1	.1	.1	9.3	10.1	10.0	14.2	14.3	14.5
45 Washington SMSA .....	1,590.6	1,648.2	1,652.1	1.0	1.0	1.0	64.9	75.8	76.9	62.3	68.0	68.2
<b>46 FLORIDA</b> .....	3,816.1	4,059.0	4,084.0	9.3	10.1	10.2	242.5	288.0	290.9	450.7	493.5	493.3
47 Daytona Beach .....	85.2	88.6	89.2	-	-	-	4.6	5.0	5.1	8.9	10.4	10.4
48 Fort Lauderdale—Hollywood .....	370.5	381.8	382.3	(1)	(1)	(1)	25.2	26.6	26.5	40.0	43.5	43.5
49 Fort Myers—Cape Coral .....	77.7	81.1	81.9	(1)	(1)	(1)	8.1	8.8	9.0	4.0	4.3	4.3
50 Gainesville .....	71.7	71.9	72.6	(1)	(1)	(1)	3.9	4.4	4.3	4.2	4.7	4.7
51 Jacksonville .....	308.0	319.0	319.5	(1)	(1)	(1)	18.8	20.0	20.2	32.2	32.6	32.6
52 Lakeland—Winter Haven .....	119.6	119.5	119.0	4.6	4.6	4.6	6.8	6.2	6.2	21.3	22.1	21.4
53 Melbourne—Titusville—Cocoa .....	112.9	121.8	122.5	(1)	(1)	(1)	5.8	7.8	7.8	24.5	27.1	27.4
54 Miami .....	731.7	747.3	748.1	(1)	(1)	(1)	35.4	39.5	39.5	89.4	93.3	93.6
55 Orlando .....	332.3	351.6	353.0	(1)	(1)	(1)	22.8	25.0	25.0	39.9	42.9	43.0
56 Pensacola .....	103.2	107.0	108.6	(1)	(1)	(1)	6.9	8.0	8.3	12.3	12.8	12.8
57 Sarasota .....	79.4	83.1	83.8	(1)	(1)	(1)	7.1	8.2	8.5	5.7	6.4	6.5
58 Tallahassee .....	76.9	78.2	78.5	(1)	(1)	(1)	3.3	4.1	3.9	2.9	3.1	3.2
59 Tampa—St. Petersburg .....	606.8	626.6	625.6	(1)	(1)	(1)	39.3	44.4	44.1	77.9	80.2	80.2
60 West Palm Beach—Boca Raton .....	238.6	246.3	249.3	(1)	(1)	(1)	18.2	19.9	20.3	29.5	32.8	32.8

See footnotes at end of table.



# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	
68.8	70.6	71.4	261.1	273.9	273.8	58.4	59.8	59.9	213.6	216.3	218.3	290.8	286.0	287.5	1
28.3	29.0	29.1	78.1	80.5	79.9	23.1	23.9	24.0	71.5	73.0	73.5	55.1	55.6	55.9	2
2.8	2.7	2.7	22.3	23.8	23.6	3.5	3.7	3.6	19.3	20.0	20.0	35.7	36.4	36.5	3
9.5	9.4	9.6	35.1	37.2	37.2	7.0	7.1	7.1	30.6	30.7	31.2	25.3	25.7	26.2	4
4.2	4.2	4.2	22.9	24.7	24.7	6.2	6.3	6.3	21.1	21.6	21.6	29.7	28.8	28.9	5
1.7	1.5	1.5	9.9	10.3	10.3	1.5	1.6	1.6	6.8	6.8	6.8	17.9	18.1	18.4	6
17.2	17.3	17.3	37.4	42.5	42.2	9.8	10.6	10.6	37.3	37.2	37.9	61.0	62.1	63.8	7
56.2	57.8	58.5	251.2	267.6	268.7	63.3	67.0	67.5	230.9	248.7	251.3	208.0	202.1	212.0	8
35.5	37.6	37.7	169.6	182.0	182.9	49.6	52.4	52.8	154.2	169.0	171.4	103.3	100.7	106.7	9
8.7	8.8	8.9	41.8	44.0	44.1	8.6	9.5	9.5	45.0	47.2	47.5	47.3	46.5	48.4	10
41.5	43.9	44.1	154.5	165.5	165.8	32.7	33.9	34.1	122.9	130.0	132.4	140.1	139.8	143.3	11
4.1	4.5	4.6	15.4	16.2	16.1	2.3	2.4	2.4	9.7	10.0	10.1	13.1	12.9	13.8	12
3.4	3.5	3.6	14.3	15.0	15.1	2.6	2.6	2.6	12.1	12.4	12.5	9.5	9.2	9.4	13
12.9	13.5	13.5	41.2	44.0	43.7	13.5	13.5	13.5	38.0	40.5	40.6	38.0	38.6	39.0	14
3.1	3.3	3.3	5.6	5.8	5.8	1.3	1.4	1.4	5.6	5.7	5.7	6.8	7.0	7.2	15
527.4	512.7	508.4	2,252.7	2,409.6	2,391.4	642.6	664.2	667.4	2,295.3	2,388.9	2,410.3	1,750.8	1,737.7	1,752.7	16
29.2	28.5	28.4	208.2	221.8	221.2	61.9	65.3	65.5	196.8	201.9	204.3	106.3	103.7	104.7	17
7.6	7.7	7.8	34.6	36.8	36.3	5.4	5.7	5.7	25.9	27.9	27.9	33.5	33.9	33.7	18
9.6	9.3	9.1	43.6	45.3	45.3	11.6	11.9	12.1	37.5	38.2	38.3	40.6	39.0	39.6	19
192.7	190.3	187.1	788.6	827.9	826.2	231.3	238.7	239.3	871.8	895.2	904.1	472.6	462.9	463.5	20
3.9	3.7	3.7	20.8	21.6	21.0	3.5	3.7	3.7	16.8	17.0	17.0	15.5	15.0	15.2	21
6.7	7.1	7.1	39.5	41.6	41.4	10.5	10.7	10.7	33.0	34.4	34.3	38.3	37.2	37.7	22
25.0	25.1	25.1	109.7	115.6	114.6	19.1	19.7	19.7	99.4	102.0	102.7	103.3	103.8	104.8	23
21.9	20.4	20.4	94.3	99.9	99.8	22.9	23.7	23.7	80.2	84.0	84.5	145.8	145.3	146.8	24
4.3	4.4	4.4	23.0	23.9	23.7	4.2	4.5	4.5	20.7	21.3	21.6	24.3	24.3	25.0	25
29.4	28.6	28.6	155.0	163.7	163.1	43.9	46.4	46.6	159.6	165.2	166.6	142.1	141.0	143.0	26
123.3	124.8	125.0	353.2	372.4	367.4	151.5	153.2	152.2	375.6	385.1	386.5	285.2	281.6	284.0	27
20.9	19.4	19.4	127.2	139.1	137.7	28.7	29.1	29.3	163.4	171.4	173.5	78.6	77.6	77.5	28
5.0	5.3	5.3	29.5	29.8	29.5	6.0	6.4	6.4	31.2	31.7	31.9	24.8	24.4	24.7	29
4.5	4.6	4.5	23.6	24.4	24.1	6.3	6.4	6.4	20.3	21.6	21.5	20.3	19.8	20.1	30
7.5	7.2	7.3	26.3	28.1	27.3	6.0	6.1	6.1	24.4	23.9	24.3	27.7	27.4	27.6	31
4.1	3.8	3.9	21.8	23.3	22.9	3.7	3.7	3.7	20.8	21.6	21.7	35.8	35.2	35.4	32
83.7	84.6	84.4	313.1	325.9	323.2	84.3	86.9	87.0	281.2	294.0	294.9	245.1	239.5	246.7	33
60.7	62.2	62.1	199.8	208.5	206.6	60.2	62.2	62.4	184.9	192.9	193.9	137.8	133.6	137.8	34
61.1	62.2	62.4	294.4	308.4	306.2	114.3	119.7	119.6	298.4	314.3	313.8	185.2	181.6	185.6	35
6.4	6.5	6.5	34.3	36.2	35.0	8.2	8.3	8.2	35.1	34.8	35.1	16.5	16.2	16.5	36
13.7	14.3	14.3	81.9	83.9	83.1	65.6	68.8	68.8	82.1	84.5	84.4	53.8	53.2	53.2	37
3.1	3.0	3.0	10.3	10.6	10.5	1.9	1.9	1.9	10.9	11.0	11.1	6.5	5.9	6.2	38
15.5	15.6	15.6	40.2	44.1	44.2	11.2	11.9	11.9	50.0	52.9	53.2	24.1	23.2	23.3	39
4.4	4.1	4.1	23.8	25.0	24.7	8.5	8.7	8.7	26.8	28.1	28.0	10.2	10.4	10.4	40
3.2	3.4	3.4	15.7	16.5	16.3	3.8	3.9	3.9	18.1	18.5	18.5	11.4	11.5	11.5	41
11.8	11.8	11.8	53.3	58.0	56.7	14.7	15.9	16.0	49.9	52.9	53.3	43.5	43.1	43.7	42
11.4	11.5	11.5	45.5	48.7	47.6	13.5	14.6	14.7	44.9	47.1	47.8	34.4	34.4	35.1	43
25.4	24.8	24.6	56.2	56.8	56.8	33.5	33.2	33.4	190.5	190.9	192.0	253.5	259.5	258.2	44
73.3	77.2	77.1	298.4	315.5	311.8	92.0	93.4	93.4	471.9	490.3	493.7	526.8	527.0	530.0	45
230.2	229.1	229.4	1,012.6	1,102.4	1,103.7	276.3	300.9	301.9	947.3	995.0	1,006.1	647.2	640.0	648.5	46
3.3	3.2	3.2	24.2	24.7	24.8	5.0	5.5	5.5	23.8	23.8	24.0	15.4	16.0	16.2	47
18.8	18.3	18.3	108.1	112.2	113.3	32.5	34.0	34.1	96.5	96.6	96.0	49.4	50.6	50.6	48
4.3	4.6	4.6	23.5	23.9	24.3	6.7	6.8	6.8	18.5	19.6	19.7	12.6	13.1	13.2	49
1.6	1.7	1.6	15.2	15.2	15.2	3.4	3.0	3.0	14.9	14.3	14.4	28.5	28.6	29.4	50
24.7	25.6	25.7	80.4	83.5	83.7	28.6	29.2	29.0	71.0	74.4	74.4	52.3	53.7	53.9	51
5.3	5.4	5.3	30.5	30.7	30.7	7.3	7.4	7.3	26.1	27.2	27.5	17.7	15.9	16.0	52
4.7	5.1	5.1	25.0	27.6	27.9	4.1	4.3	4.4	29.5	30.5	30.5	19.3	19.4	19.4	53
69.7	68.5	68.6	190.5	192.0	191.2	59.5	61.1	61.3	189.8	195.4	196.2	97.4	97.5	97.7	54
16.4	16.8	16.9	91.6	97.2	97.2	21.7	22.2	22.4	95.1	100.3	101.0	44.8	47.2	47.5	55
5.7	6.0	6.1	24.2	26.2	26.4	4.2	4.3	4.3	23.6	23.7	23.9	26.3	26.0	26.8	56
3.3	3.3	3.3	24.8	25.6	25.7	6.9	7.2	7.3	21.2	21.6	21.8	10.4	10.8	10.7	57
2.5	2.7	2.7	16.8	17.7	17.6	3.8	3.7	3.8	14.9	15.2	15.5	32.7	31.7	31.8	58
34.2	33.8	33.7	166.3	170.3	169.2	44.7	47.3	47.3	158.2	165.4	165.6	86.2	85.2	85.5	59
10.0	10.2	10.2	64.2	64.9	66.1	20.1	20.4	20.5	64.5	65.6	66.6	32.1	32.5	32.8	60

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
1	GEORGIA	2,197.0	2,306.1	2,320.3	7.1	7.6	7.7	97.2	110.9	115.7	492.6	520.5	522.0
2	Albany	43.5	44.7	44.6	(1)	(1)	(1)	1.8	1.9	1.8	10.4	10.4	10.4
3	Athens	53.1	55.5	55.6	-	-	-	1.4	1.8	1.9	14.0	14.6	14.5
4	Atlanta	1,017.1	1,079.8	1,085.3	(1)	(1)	(1)	43.2	54.0	53.1	141.6	148.6	149.8
5	Augusta	124.3	126.0	126.4	(1)	(1)	(1)	7.4	6.5	6.8	32.9	33.6	33.7
6	Columbus	78.9	82.4	82.1	(1)	(1)	(1)	3.7	4.7	4.8	19.6	21.1	21.0
7	Macon	99.8	102.7	102.3	(1)	(1)	(1)	4.0	4.6	4.5	16.3	16.6	16.5
8	Savannah	87.9	91.4	91.6	(1)	(1)	(1)	4.6	5.4	5.5	15.5	16.8	16.9
9	HAWAII	404.3	401.9	405.7	-	-	-	18.1	17.5	17.4	22.1	21.9	21.8
10	Honolulu	328.6	327.3	331.0	-	-	-	14.5	14.6	14.5	16.0	15.8	15.7
11	IDAHO	304.0	317.1	317.9	3.5	4.1	4.1	10.3	11.2	10.6	47.2	49.9	49.6
12	Boise City	75.1	76.3	77.2	-	-	-	4.3	4.6	4.5	8.2	8.7	8.8
13	ILLINOIS	4,432.8	4,468.0	4,474.2	23.3	23.3	22.8	124.1	121.5	117.9	927.2	969.7	975.9
14	Bloomington—Normal	50.1	50.3	51.2	(2)	(2)	(2)	.7	.7	.7	5.1	5.4	5.5
15	Champaign—Urbana—Rantoul	73.8	70.8	75.0	(2)	(2)	(2)	1.5	1.4	1.4	6.9	6.9	7.0
16	Chicago—Gary	3,188.5	3,196.6	(*)	2.7	3.0	(*)	89.3	92.1	(*)	705.9	710.3	(*)
17	Chicago SMSA <sup>2</sup>	2,975.9	2,983.1	2,978.9	2.6	2.9	2.9	80.5	84.2	81.8	636.2	641.4	642.5
18	Davenport—Rock Island—Moline	144.2	145.4	145.5	(2)	(2)	(2)	5.0	5.2	5.0	35.4	35.3	35.9
19	Decatur	48.5	52.0	52.1	(2)	(2)	(2)	1.8	2.0	1.9	15.0	17.8	17.9
20	Kankakee	30.8	31.1	31.2	(2)	(2)	(2)	1.1	1.0	.9	5.5	5.9	6.0
21	Peoria	117.6	127.4	127.9	(2)	(2)	(2)	5.2	5.9	5.5	24.8	34.9	35.1
22	Rockford	107.5	111.3	111.2	(2)	(2)	(2)	2.6	2.7	2.7	40.0	43.4	43.3
23	Springfield	86.0	86.8	86.5	(2)	(2)	(2)	2.1	2.3	2.4	5.1	5.9	5.8
24	INDIANA	1,955.4	2,000.5	2,010.2	9.2	8.7	8.7	61.3	60.4	59.4	557.2	595.3	602.0
25	Anderson	42.6	45.7	45.7	-	-	-	.9	.9	.9	16.4	18.8	18.9
26	Elkhart	71.3	79.9	81.1	-	-	-	1.3	1.7	1.7	37.4	44.0	45.0
27	Evansville	119.8	122.1	122.4	2.7	2.6	2.6	5.0	5.5	5.4	32.7	33.5	34.1
28	Fort Wayne	153.0	157.0	156.8	-	-	-	4.4	4.7	4.5	44.2	45.7	46.1
29	Gary—Hammond—East Chicago	212.6	209.6	209.4	-	-	-	8.8	8.1	8.1	69.7	68.0	67.1
30	Indianapolis	490.8	508.0	(*)	(*)	(*)	(*)	15.9	17.2	(*)	104.4	107.3	(*)
31	Lafayette—West Lafayette	55.8	57.3	(*)	-	-	(*)	1.3	1.2	(*)	9.8	10.8	(*)
32	Muncie	43.9	44.6	(*)	(1)	(1)	(*)	1.0	1.2	(*)	9.8	11.3	(*)
33	South Bend	104.3	107.6	108.3	-	-	-	2.8	3.4	3.4	27.7	28.4	28.9
34	Terre Haute	57.0	58.6	(*)	1.1	1.1	(*)	2.1	2.2	(*)	11.9	12.5	(*)
35	IOWA	1,001.2	1,013.5	1,015.5	1.3	1.5	1.5	26.2	26.0	25.2	193.7	206.5	206.1
36	Cedar Rapids	74.7	73.9	73.6	.1	.1	.1	2.3	2.1	2.0	21.1	20.2	20.1
37	Des Moines	168.9	171.3	171.1	-	-	-	4.5	4.9	4.8	20.4	21.3	21.4
38	Dubuque	35.8	37.7	37.5	-	-	-	.8	.9	.8	9.6	11.1	11.1
39	Sioux City	45.4	46.2	45.8	-	-	-	1.3	1.2	1.2	8.8	9.4	9.2
40	Waterloo—Cedar Falls	56.4	54.7	54.8	-	-	-	1.2	1.1	1.1	17.1	16.1	15.9
41	KANSAS	893.6	913.9	923.9	16.7	17.2	17.4	33.4	35.0	36.1	155.9	170.1	172.8
42	Lawrence	27.4	26.8	27.4	-	-	-	.6	.7	.7	4.3	4.1	4.1
43	Topeka	81.3	82.3	83.0	.1	.1	.1	2.5	2.5	2.6	8.8	9.4	9.6
44	Wichita	184.0	195.0	196.5	3.3	3.3	3.3	7.2	8.1	8.1	47.2	52.7	54.0
45	KENTUCKY	1,123.7	1,158.9	1,155.8	42.8	40.7	40.4	39.9	44.7	44.7	233.0	249.0	249.2
46	Lexington—Fayette	143.7	149.1	149.6	(1)	(1)	(1)	5.6	6.6	6.6	26.1	28.6	28.5
47	Louisville	357.4	362.8	364.8	(1)	(1)	(1)	12.5	14.8	15.1	80.1	86.0	85.6
48	Owensboro	29.4	31.2	30.9	.9	1.0	1.0	1.4	1.6	1.6	5.8	6.1	6.0
49	LOUISIANA	1,546.1	1,556.1	1,563.2	84.0	79.7	80.0	109.3	113.1	112.6	180.1	174.9	175.6
50	Alexandria	52.3	53.9	53.9	(1)	(1)	(1)	3.0	3.2	3.2	4.9	5.4	5.4
51	Baton Rouge	203.2	206.4	208.5	1.1	.9	.9	21.3	19.6	19.6	22.9	22.1	21.9
52	Lafayette	89.0	87.3	88.1	17.8	16.5	17.0	5.3	5.2	5.0	4.0	3.7	3.8
53	Lake Charles	61.2	59.0	58.9	2.4	2.3	2.3	6.6	4.8	4.8	10.0	9.2	9.2
54	Monroe	51.4	50.1	50.3	.6	.6	.6	2.8	2.6	2.8	7.1	7.0	7.0
55	New Orleans	499.6	505.2	505.0	19.3	18.5	18.7	27.9	31.7	32.4	41.8	39.2	39.0
56	Shreveport	143.9	146.2	146.9	6.4	6.6	6.3	8.0	8.4	8.5	22.5	24.1	24.5
57	MAINE	400.8	408.8	411.6	.1	.1	.1	12.7	14.5	13.4	106.3	109.1	109.2
58	Lewiston—Auburn	32.1	33.2	33.1	-	-	-	1.1	1.1	1.1	10.4	11.3	11.3
59	Portland	91.8	97.8	97.4	-	-	-	3.2	3.9	3.7	16.1	16.6	16.4
60	MARYLAND	1,646.8	1,687.5	1,700.9	1.7	1.2	1.2	83.7	91.2	92.4	207.7	212.7	213.6
61	Baltimore SMSA	914.8	931.5	935.2	.1	.1	.2	40.1	43.1	43.2	136.7	141.0	141.6
62	Baltimore City	422.9	428.4	429.3	-	-	-	13.7	13.6	13.6	55.1	54.2	54.5

See footnotes at end of table.

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	
144.6	149.8	150.5	518.5	556.6	558.5	118.2	122.9	123.1	378.3	399.5	402.8	440.5	438.4	440.1	1
2.4	2.3	2.4	9.9	10.7	10.8	2.0	2.0	2.0	6.1	6.2	6.1	11.0	11.2	11.0	2
1.5	1.5	1.6	10.2	10.4	10.4	1.6	1.7	1.7	7.1	7.4	7.3	17.3	18.1	18.2	3
90.6	94.8	94.8	283.9	305.5	307.5	73.8	76.4	76.2	218.3	235.8	237.4	165.7	164.8	166.5	4
4.3	4.3	4.3	23.4	24.5	24.1	4.5	4.7	4.7	19.3	19.3	19.4	32.5	33.1	33.3	5
3.0	3.0	3.1	16.1	17.1	16.8	5.3	5.4	5.5	11.6	11.8	11.7	19.5	19.3	19.4	6
4.6	4.3	4.3	20.5	21.7	21.4	6.2	6.4	6.4	18.0	18.3	18.4	30.2	30.9	30.9	7
9.6	10.1	10.1	20.4	21.2	21.0	3.9	4.3	4.4	17.2	17.6	17.7	16.6	16.1	16.1	8
30.8	30.5	30.9	105.0	106.5	107.3	31.6	31.1	31.1	104.6	104.8	105.4	92.1	89.6	91.8	9
25.5	25.5	25.8	85.0	86.5	87.3	27.2	26.8	26.9	82.1	82.2	82.7	78.3	75.9	78.1	10
18.5	18.4	18.3	75.3	81.3	80.2	22.5	23.2	23.2	59.2	62.2	62.7	67.5	66.8	69.2	11
5.1	5.1	5.0	19.1	19.0	19.3	7.6	7.9	7.9	15.2	15.6	15.7	15.6	15.4	16.0	12
260.9	263.1	265.9	1,060.8	1,090.8	1,083.4	318.2	317.5	315.2	1,001.5	998.4	1,000.5	716.8	683.7	692.6	13
3.3	3.2	3.2	12.0	12.7	12.7	8.4	8.6	8.7	9.0	8.8	8.9	11.6	10.9	11.5	14
2.4	2.5	2.4	17.9	17.6	17.6	2.3	2.4	2.4	11.4	12.1	12.1	31.4	27.9	32.1	15
187.9	188.6	(*)	768.6	780.2	(*)	247.6	246.0	(*)	766.4	770.4	(*)	420.1	406.0	(*)	16
175.4	176.2	177.0	724.0	734.0	725.1	239.1	237.1	235.9	728.7	732.3	735.2	389.4	375.0	378.5	17
6.6	6.9	6.8	37.6	38.2	37.8	7.1	7.2	7.1	26.0	26.2	26.2	26.5	26.4	26.7	18
3.9	3.9	3.9	10.8	11.5	11.4	2.7	2.7	2.7	8.8	9.1	9.2	5.5	5.0	5.1	19
1.2	1.1	1.1	7.1	7.2	7.1	1.5	1.5	1.5	7.1	7.1	7.1	7.3	7.3	7.5	20
6.6	6.7	6.7	30.6	30.8	30.5	6.6	6.5	6.5	27.4	26.8	27.6	16.4	15.8	16.0	21
4.4	4.2	4.2	24.1	24.6	24.3	4.3	4.1	4.1	19.7	20.1	20.3	12.4	12.2	12.3	22
4.3	4.1	4.1	19.0	19.2	18.9	7.3	7.4	7.4	18.6	18.6	18.7	29.6	29.3	29.2	23
99.5	99.9	100.2	441.6	452.1	445.9	98.8	99.9	99.9	351.7	354.6	359.5	336.2	329.5	334.6	24
1.1	1.1	1.1	9.0	9.5	9.3	1.5	1.5	1.6	8.1	8.3	8.3	5.6	5.6	5.6	25
2.4	2.5	2.5	13.4	14.6	14.6	2.0	2.1	2.1	9.7	10.1	10.2	5.1	4.9	5.0	26
7.0	6.9	6.9	29.4	30.5	30.3	4.4	4.5	4.5	26.4	26.5	26.5	12.2	12.1	12.1	27
9.7	9.8	9.9	37.6	39.2	38.7	10.2	10.3	10.3	28.8	29.9	29.7	18.0	17.3	17.5	28
12.5	12.4	12.4	44.6	45.3	45.1	8.5	8.5	8.5	37.7	37.0	37.7	30.7	30.3	30.4	29
29.4	30.2	(*)	123.3	129.2	(*)	37.7	39.0	(*)	96.8	101.9	(*)	82.6	82.6	(*)	30
1.7	1.7	(*)	11.0	11.8	(*)	2.5	2.5	(*)	9.1	9.4	(*)	20.3	19.9	(*)	31
1.8	1.8	(*)	10.5	10.9	(*)	1.5	1.5	(*)	8.5	8.4	(*)	11.0	9.5	(*)	32
4.6	4.5	4.6	25.6	27.3	27.1	5.2	5.2	5.2	26.1	26.7	26.8	12.3	12.1	12.3	33
3.3	3.3	(*)	14.5	15.5	(*)	2.0	2.0	(*)	10.1	10.2	(*)	12.0	11.8	(*)	34
50.0	49.4	49.1	254.7	258.2	255.5	58.4	59.9	60.0	209.6	208.7	208.7	207.3	203.3	209.3	35
3.8	3.7	3.7	17.9	17.9	17.6	4.3	4.3	4.4	15.6	15.6	15.7	9.6	9.9	10.0	36
10.5	10.3	10.3	43.6	44.8	44.0	21.8	22.0	22.0	40.8	40.8	40.8	27.4	27.3	27.7	37
1.7	1.6	1.7	8.2	8.4	8.3	1.3	1.3	1.3	10.4	10.6	10.6	3.8	3.7	3.7	38
3.4	3.3	3.3	11.7	12.1	12.1	2.6	2.5	2.5	11.7	11.7	11.6	6.0	5.9	5.9	39
1.9	1.8	1.8	12.4	12.6	12.5	2.2	2.2	2.2	10.8	10.6	10.6	10.8	10.1	10.8	40
60.7	62.4	62.8	219.2	222.6	221.9	48.9	49.0	48.9	170.5	171.5	173.0	188.3	186.1	191.0	41
1.3	1.3	1.3	5.6	5.8	5.8	.9	.9	.9	3.9	3.9	4.0	10.7	10.1	10.5	42
7.4	7.5	7.5	17.3	18.1	17.9	5.8	5.8	5.8	17.8	17.6	17.6	21.6	21.3	21.9	43
9.8	10.2	10.2	43.1	46.2	46.0	9.7	9.8	9.7	39.2	39.7	39.7	24.5	25.0	25.5	44
61.0	60.6	62.3	251.1	269.3	263.9	51.9	53.3	52.8	218.0	221.8	221.9	226.0	219.5	220.6	45
7.4	7.3	7.3	31.8	32.9	32.3	7.4	7.4	7.4	32.5	34.0	34.0	32.9	32.3	33.5	46
21.8	19.2	20.9	84.4	86.5	85.9	23.6	24.2	24.2	79.1	79.3	79.6	55.8	52.9	53.5	47
2.3	2.4	2.3	7.2	7.7	7.6	1.1	1.2	1.2	6.0	6.4	6.4	4.7	4.8	4.8	48
119.9	113.7	114.3	353.7	369.7	368.1	80.5	83.4	83.5	301.0	307.2	309.3	317.6	314.4	319.8	49
2.5	2.5	2.5	11.9	12.3	12.2	2.8	2.9	2.9	11.4	11.7	11.8	15.8	15.9	15.9	50
10.1	10.0	10.1	45.6	50.0	50.1	12.0	12.2	12.3	37.7	39.0	38.9	52.5	52.6	54.7	51
7.3	6.7	6.7	22.4	23.4	23.4	3.8	3.8	3.8	18.0	18.3	18.3	10.4	9.7	10.1	52
4.3	4.3	4.3	13.9	14.0	13.9	2.8	3.0	3.0	10.6	10.9	10.9	10.6	10.5	10.5	53
2.7	2.6	2.6	13.4	14.3	14.1	3.9	4.0	4.1	10.1	10.0	9.9	10.8	9.0	9.2	54
47.8	46.8	46.8	124.9	129.4	128.5	31.3	31.6	31.5	122.5	122.9	123.3	84.1	85.1	84.8	55
9.2	9.3	9.4	33.7	33.3	32.9	7.8	8.0	8.1	30.0	30.5	31.0	26.3	26.0	26.2	56
17.6	17.6	17.5	83.5	89.9	88.2	17.3	18.2	18.1	78.2	78.5	80.8	85.1	80.9	84.3	57
1.2	1.2	1.2	7.4	7.6	7.6	1.6	1.7	1.6	7.2	7.2	7.2	3.2	3.1	3.1	58
5.4	5.5	5.4	24.8	27.7	26.9	8.0	8.5	8.6	20.6	22.0	22.1	13.7	13.6	14.3	59
84.8	86.0	86.1	397.3	416.4	414.8	95.4	95.6	95.5	386.4	398.9	403.0	389.8	385.5	394.3	60
56.7	56.9	56.4	212.4	219.2	219.0	58.7	58.8	58.7	207.0	212.1	213.6	203.1	200.3	202.5	61
35.4	34.5	34.0	88.6	93.1	93.0	39.3	39.1	39.2	111.6	114.9	115.5	79.2	79.0	79.5	62

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
1	<b>MASSACHUSETTS</b> .....	2,588.7	2,651.2	2,666.8	.9	.9	1.0	65.2	72.3	69.1	613.6	633.7	630.9
2	Boston .....	1,458.8	1,489.8	1,497.7	.4	.4	.3	37.4	38.6	37.0	277.1	286.0	285.5
3	Brockton .....	56.1	57.1	56.9	-	-	-	1.5	1.9	1.9	11.2	10.8	10.9
4	Fall River .....	52.7	54.7	54.7	-	-	-	1.1	1.1	1.1	18.9	20.0	20.0
5	Lawrence—Haverhill .....	111.1	112.5	113.0	-	-	-	2.6	2.7	2.6	40.9	42.3	42.3
6	Lowell .....	82.1	86.6	87.9	-	-	-	2.0	1.8	1.8	32.4	36.2	36.8
7	New Bedford .....	61.6	64.6	65.1	-	-	-	1.3	1.8	1.8	23.2	25.2	25.4
8	Springfield—Chicopee—Holyoke .....	227.0	223.8	228.4	.1	.1	.1	4.7	5.0	4.7	54.8	55.3	55.2
9	Worcester .....	154.8	154.7	156.5	.3	.3	.3	3.6	3.4	3.2	39.6	39.7	39.5
10	<b>MICHIGAN</b> .....	3,113.5	3,221.8	3,242.1	8.1	8.4	8.5	71.9	79.1	77.9	843.9	923.3	933.1
11	Ann Arbor .....	130.2	135.4	140.1	(1)	(1)	(1)	3.8	3.5	3.5	27.5	32.3	34.9
12	Battle Creek .....	56.6	58.8	59.1	(1)	(1)	(1)	1.2	1.0	1.1	16.2	17.5	17.4
13	Bay City .....	30.5	31.8	31.5	(1)	(1)	(1)	.6	.7	.6	7.8	8.3	8.1
14	Benton Harbor .....	54.4	55.5	55.7	(1)	(1)	(1)	1.9	1.9	2.0	18.5	19.0	19.0
15	Detroit .....	1,511.9	1,553.4	1,559.2	.8	.7	.7	32.3	35.1	34.2	405.3	432.0	436.5
16	Flint .....	168.3	182.1	183.1	(1)	(1)	(1)	2.8	3.2	3.3	61.2	69.4	69.4
17	Grand Rapids .....	257.9	264.9	266.8	(1)	(1)	(1)	7.8	8.3	8.1	83.2	90.3	90.7
18	Jackson .....	45.4	45.9	46.1	(1)	(1)	(1)	.7	.8	.8	11.3	11.4	11.6
19	Kalamazoo—Portage .....	104.3	105.3	106.5	(1)	(1)	(1)	2.7	2.9	2.8	30.3	31.3	31.8
20	Lansing—East Lansing .....	186.9	193.8	195.8	(1)	(1)	(1)	2.7	3.9	3.8	37.0	41.8	41.6
21	Muskegon—Norton Shores—Muskegon Hts. ....	52.3	55.0	55.2	(1)	(1)	(1)	1.7	1.7	1.6	16.3	18.6	18.8
22	Saginaw .....	74.6	78.9	78.7	(1)	(1)	(1)	1.3	1.7	1.5	23.2	26.6	26.8
23	<b>MINNESOTA</b> .....	1,650.7	1,715.6	1,724.0	7.5	7.9	8.8	44.4	51.2	49.8	330.9	348.0	349.4
24	Duluth—Superior .....	50.0	50.1	50.6	(1)	(1)	(1)	.9	1.0	1.0	4.6	4.4	4.4
25	Minneapolis—St. Paul .....	1,043.4	1,087.2	1,091.3	(1)	(1)	(1)	29.6	32.9	31.9	226.0	237.8	238.5
26	Rochester .....	49.7	51.1	51.0	(2)	(2)	(2)	1.2	1.3	1.3	9.7	10.2	10.2
27	St. Cloud .....	53.2	55.9	56.2	(1)	(1)	(1)	1.6	2.2	2.1	9.8	10.1	10.1
28	<b>MISSISSIPPI</b> .....	768.7	793.0	795.4	8.6	9.1	9.1	33.0	31.9	32.0	193.3	209.7	209.5
29	Jackson .....	141.1	146.1	147.0	1.6	1.7	1.7	4.9	5.9	6.5	15.2	16.2	16.2
30	<b>MISSOURI</b> .....	1,871.4	1,903.2	1,909.2	6.2	6.2	6.4	63.8	64.7	62.9	390.3	411.2	412.0
31	Kansas City .....	591.9	607.0	609.1	.4	.5	.5	17.6	20.6	21.4	105.7	110.1	111.0
32	St. Joseph .....	35.6	36.3	36.4	-	-	-	1.0	1.4	1.4	8.3	8.8	8.9
33	St. Louis .....	963.4	985.1	989.2	3.5	3.5	3.5	37.3	41.4	42.1	208.0	219.3	217.5
34	Springfield .....	86.3	89.0	90.2	.1	.1	.1	2.3	2.7	2.8	17.3	18.9	18.8
35	<b>MONTANA</b> .....	263.2	266.1	266.1	7.3	6.4	6.3	10.0	10.4	9.9	20.7	20.2	19.7
36	<b>NEBRASKA</b> .....	591.4	604.6	607.1	1.6	1.4	1.5	18.1	17.3	17.1	82.1	87.7	87.4
37	Lincoln .....	94.1	94.1	95.5	-	-	-	2.4	2.6	2.6	11.3	11.8	11.9
38	Omaha .....	254.5	262.1	263.9	.1	.1	.2	7.7	7.7	7.5	31.8	35.4	36.2
39	<b>NEVADA</b> .....	385.6	412.3	414.5	5.2	6.2	6.3	16.6	20.1	20.3	18.0	19.7	19.9
40	Las Vegas .....	219.1	234.5	234.9	.3	.3	.3	10.8	12.6	12.9	6.8	7.5	7.6
41	Reno .....	106.3	113.3	114.4	.5	.6	.7	3.7	5.1	5.0	7.1	7.8	7.9
42	<b>NEW HAMPSHIRE</b> .....	385.4	412.1	413.9	.3	.3	.3	19.7	22.1	22.1	108.3	116.4	117.6
43	Manchester .....	75.3	79.8	80.0	-	-	-	2.7	3.4	3.4	15.7	16.5	16.9
44	Nashua .....	67.0	72.7	73.1	.1	.1	.1	2.2	2.7	2.5	31.2	34.5	34.7
45	<b>NEW JERSEY</b> .....	3,030.5	3,168.8	3,169.1	1.8	1.8	1.8	92.0	111.7	109.2	697.8	718.7	722.8
46	Atlantic City .....	97.6	103.7	103.6	-	-	-	3.4	4.5	4.6	7.5	7.7	7.6
47	Camden* .....	346.6	358.6	357.9	.1	.1	.1	10.9	12.4	11.8	68.3	70.7	70.8
48	Hackensack* .....	396.6	409.7	408.9	-	-	-	11.3	13.5	13.1	100.9	100.1	100.7
49	Jersey City* .....	212.3	215.7	217.4	-	-	-	4.1	4.9	5.0	55.2	58.4	58.4
50	Long Branch—Asbury Park .....	162.4	171.6	171.9	-	-	-	5.4	7.7	7.9	23.0	22.9	22.8
51	New Bruns.—Perth Amboy—Sayreville* .....	288.2	295.8	298.1	-	-	-	7.5	9.4	9.3	81.2	81.2	82.0
52	Newark* .....	929.5	966.3	967.3	.6	.5	.5	26.2	29.4	28.4	217.6	221.8	222.8
53	Paterson—Clifton—Passaic* .....	182.0	188.7	188.4	-	-	-	5.6	6.7	6.6	61.4	63.3	63.3
54	Trenton .....	161.9	167.8	168.5	-	-	-	2.5	2.7	2.6	30.4	30.7	31.2
55	Vineland—Millville—Bridgeton .....	50.8	52.6	52.6	-	-	-	1.2	1.8	1.6	16.7	16.0	16.7
56	<b>NEW MEXICO</b> .....	465.1	479.4	483.1	21.5	21.1	21.1	28.9	31.2	31.9	33.4	34.3	34.1
57	Albuquerque .....	192.5	201.4	202.6	(1)	(1)	(1)	11.8	13.2	13.3	18.2	18.8	18.7
58	Las Cruces .....	33.1	34.4	34.7	(1)	(1)	(1)	2.0	2.2	2.3	3.0	3.2	3.2
59	<b>NEW YORK</b> .....	7,112.6	7,268.7	7,296.4	6.0	6.5	6.4	192.2	208.3	204.8	1,282.2	1,289.6	1,301.3
60	Albany—Schenectady—Troy .....	333.5	338.1	341.5	(1)	(1)	(1)	8.1	10.4	10.0	50.4	50.5	51.4
61	Binghamton .....	115.0	118.3	118.2	(1)	(1)	(1)	3.2	3.9	3.8	41.1	41.7	41.2
62	Buffalo .....	454.8	458.6	459.9	(1)	(1)	(1)	11.5	11.9	11.5	102.8	101.9	101.3

See footnotes at end of table.

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by Industry division—Continued

(in thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	
118.2	118.4	117.6	565.0	604.7	594.9	165.5	168.8	168.4	685.5	690.2	712.0	374.8	362.2	372.9	1
70.6	71.4	71.5	316.9	333.4	328.1	115.7	118.2	118.8	453.5	456.5	470.0	187.2	185.3	186.5	2
3.7	3.9	4.1	15.2	16.3	16.2	2.1	2.1	2.1	10.8	11.0	10.4	11.6	11.1	11.3	3
1.8	1.9	1.9	11.7	12.5	12.4	2.8	2.9	2.9	9.6	9.9	9.9	6.8	6.4	6.5	4
4.7	4.6	4.7	22.0	22.4	22.1	4.2	4.4	4.4	19.8	20.0	20.0	16.9	16.1	16.9	5
3.1	3.1	3.0	16.9	17.2	17.2	2.3	2.5	2.4	13.4	13.7	14.3	12.0	12.1	12.4	6
2.2	2.2	2.2	12.4	12.8	12.7	2.1	2.2	2.2	10.5	10.8	10.9	9.9	9.6	9.9	7
9.2	9.3	9.2	47.2	48.3	48.1	13.6	13.7	13.4	50.1	48.6	50.2	47.3	43.5	47.5	8
7.0	6.6	6.7	34.9	36.6	36.4	9.6	9.1	9.3	36.5	36.1	38.0	23.3	22.9	23.1	9
136.7	138.0	138.2	668.3	693.2	688.3	149.8	152.9	153.4	648.7	655.7	660.2	586.0	571.1	582.4	10
3.1	3.1	3.2	20.3	20.6	20.4	4.1	4.4	4.4	24.6	25.6	25.6	46.8	46.0	48.1	11
2.0	1.9	1.9	9.2	10.4	10.2	4.0	4.0	4.0	11.6	11.9	12.0	12.4	12.1	12.5	12
1.5	1.4	1.4	8.2	8.4	8.3	1.3	1.4	1.4	5.9	6.5	6.4	5.3	5.1	5.3	13
2.2	2.3	2.3	10.0	10.4	10.2	1.9	1.9	1.9	11.8	12.0	12.1	8.1	8.0	8.2	14
71.6	71.0	70.7	342.7	357.5	355.0	86.7	87.8	88.2	350.5	357.1	358.4	222.2	212.2	215.5	15
5.5	5.0	4.9	38.1	41.9	41.9	5.9	5.9	5.9	28.0	29.3	29.6	26.9	27.4	28.1	16
10.3	10.6	10.6	63.2	64.2	63.7	10.9	11.0	11.0	53.5	52.4	53.9	29.0	28.0	28.8	17
5.0	4.9	4.9	9.4	9.5	9.4	1.6	1.6	1.6	9.3	9.4	9.4	8.1	8.2	8.4	18
3.9	3.6	3.6	21.5	21.6	21.8	3.9	4.1	4.1	21.9	21.9	22.1	20.0	19.7	20.3	19
5.5	5.4	5.2	34.3	35.9	35.5	9.7	9.6	9.6	29.6	31.0	31.6	68.1	66.2	68.5	20
2.9	2.8	2.8	10.4	10.9	10.8	1.4	1.4	1.4	10.0	10.0	10.0	9.6	9.7	9.8	21
4.5	4.4	4.3	16.6	16.7	16.4	3.8	3.7	3.7	14.0	14.5	14.4	11.1	11.4	11.7	22
90.3	92.5	92.5	408.5	426.6	423.5	98.1	101.4	101.6	377.7	395.0	398.6	293.3	293.1	299.8	23
4.4	4.6	4.7	13.6	14.3	14.1	2.0	2.1	2.1	13.1	13.0	13.1	11.4	10.7	11.3	24
60.2	62.4	62.8	252.9	261.9	259.9	73.1	76.2	76.2	247.7	263.6	265.1	153.9	152.4	156.9	25
1.9	2.0	2.0	10.1	10.6	10.3	1.6	1.6	1.6	20.0	20.2	20.3	5.2	5.3	5.3	26
3.5	3.4	3.4	15.1	16.3	16.3	1.9	2.1	2.1	9.8	10.7	10.8	11.4	11.0	11.3	27
37.6	37.9	37.8	157.6	163.9	163.7	32.9	34.0	34.0	122.7	125.2	125.7	182.8	181.4	183.6	28
9.6	9.6	9.7	34.7	35.9	35.8	11.2	11.5	11.6	29.2	30.7	30.7	34.7	34.5	34.8	29
130.8	134.0	134.0	441.6	448.6	443.9	109.1	108.2	108.0	398.3	403.7	405.3	331.3	326.6	336.7	30
49.9	49.1	49.1	151.6	157.7	155.8	45.9	47.6	47.7	129.4	133.3	134.0	91.4	88.1	89.6	31
2.1	2.0	2.0	8.7	8.6	8.5	2.0	2.0	2.0	7.5	7.6	7.6	6.0	5.8	6.0	32
69.4	70.6	70.5	223.6	230.1	228.5	58.9	58.8	58.7	224.3	228.0	230.3	138.4	133.4	138.1	33
6.1	5.8	5.8	23.6	25.0	24.8	3.7	3.8	3.8	20.9	21.9	22.2	12.3	10.8	11.9	34
19.9	19.8	19.6	68.4	70.2	69.9	12.6	13.0	13.0	55.7	57.2	57.5	68.5	69.0	70.1	35
42.6	42.1	41.5	152.6	155.4	154.6	41.4	41.9	42.1	122.9	124.4	126.2	130.1	134.4	136.7	36
6.3	6.2	6.3	20.8	20.5	20.5	7.0	7.0	7.2	18.0	18.7	19.0	28.2	27.4	28.1	37
21.8	21.4	21.4	65.3	66.7	66.0	23.9	24.3	24.4	62.4	63.4	64.3	41.3	43.0	43.9	38
24.2	24.8	24.7	75.8	82.9	82.6	17.8	19.3	19.3	169.1	181.4	182.0	58.9	57.9	59.4	39
13.7	14.0	13.9	43.7	47.5	47.5	10.2	11.1	11.1	106.0	113.8	113.6	27.6	27.7	28.0	40
7.8	8.1	8.1	23.1	25.4	25.3	6.0	6.3	6.2	41.0	43.6	44.1	17.1	16.4	17.1	41
14.6	15.3	15.4	86.0	95.1	94.9	20.8	21.9	21.9	79.1	86.1	86.0	56.6	54.9	55.7	42
4.8	5.1	5.0	20.0	21.3	21.2	6.2	6.3	6.3	17.4	18.6	18.6	8.5	8.6	8.6	43
1.9	2.0	2.0	12.7	13.9	14.0	2.1	2.3	2.3	11.2	11.9	12.1	5.6	5.3	5.4	44
197.0	205.1	205.1	686.4	739.0	732.4	167.8	173.8	173.4	660.7	687.3	688.2	527.1	531.4	536.2	45
4.5	4.7	4.7	17.5	18.6	18.2	4.8	4.8	4.9	43.4	46.6	46.6	16.6	16.8	17.0	46
15.5	16.2	16.0	90.2	95.4	95.2	17.8	18.4	18.4	74.9	75.2	74.9	68.9	70.2	70.7	47
21.2	21.1	21.4	121.0	128.4	126.8	19.4	20.2	20.2	78.9	83.7	83.8	43.5	42.7	42.9	48
25.3	24.8	26.0	45.4	46.2	46.2	8.1	8.4	8.4	34.0	32.8	33.3	40.2	40.2	40.1	49
6.3	6.9	7.0	40.5	43.7	43.5	7.7	8.3	8.2	43.0	45.2	45.5	36.4	36.9	37.0	50
23.9	23.4	23.6	68.2	71.8	71.0	13.5	14.2	14.1	45.8	48.7	49.0	48.1	47.1	49.1	51
76.0	79.3	79.9	185.0	201.0	199.6	67.3	68.4	68.4	214.1	222.6	223.2	142.8	143.0	144.5	52
6.9	6.7	6.7	39.4	41.7	41.3	9.4	9.1	9.2	34.5	35.6	35.9	25.0	25.6	25.4	53
5.2	5.1	5.1	25.2	27.9	27.7	7.8	7.9	7.7	43.3	46.4	46.2	47.5	47.1	48.0	54
2.3	2.8	2.7	8.9	9.4	9.1	2.5	2.7	2.7	8.6	9.2	9.2	10.5	10.7	10.6	55
29.4	28.6	28.7	105.2	112.7	112.0	22.3	23.6	23.6	95.6	99.8	100.8	128.8	128.1	130.9	56
12.0	11.9	11.7	47.4	50.5	50.0	11.2	12.0	12.0	48.5	51.1	51.7	43.4	43.9	45.2	57
1.4	1.3	1.3	6.0	6.7	6.9	1.2	1.3	1.3	4.4	4.5	4.5	15.1	15.2	15.2	58
410.2	410.1	409.1	1,432.8	1,496.2	1,485.8	673.2	692.3	692.7	1,821.1	1,874.0	1,893.3	1,294.9	1,291.6	1,303.2	59
15.0	14.9	14.8	67.2	70.1	70.4	16.3	16.8	16.7	76.9	78.8	80.0	99.6	96.5	98.3	60
4.4	4.4	4.4	20.7	21.5	21.4	3.7	3.9	3.9	20.1	21.2	21.3	21.7	21.7	22.1	61
23.6	24.4	24.1	107.3	109.5	108.9	22.3	22.7	22.8	104.0	105.3	107.5	83.3	82.9	83.8	62

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
<b>NEW YORK—Continued</b>												
1 Elmira .....	32.7	33.6	33.5	(1)	(1)	(1)	.6	.8	.7	7.8	8.1	8.0
2 Monroe County <sup>7</sup> .....	338.0	339.0	340.9	(1)	(1)	(1)	7.5	8.8	8.5	129.2	125.6	125.4
3 Nassau—Suffolk <sup>8</sup> .....	934.4	974.1	974.9	(1)	(1)	(1)	34.5	38.6	38.0	164.6	169.1	170.3
4 New York—Northeastern New Jersey .....	6,680.1	6,866.2	6,880.8	2.3	2.3	2.3	188.0	206.2	203.4	1,190.6	1,200.3	1,212.8
5 New York and Nassau—Suffolk <sup>8</sup> .....	4,671.7	4,790.0	4,801.1	2.1	2.3	2.3	133.3	142.2	141.1	674.4	675.5	685.6
6 New York SMSA <sup>9</sup> .....	3,737.2	3,815.9	3,826.2	1.9	2.1	2.1	98.7	103.6	103.1	509.8	506.4	515.3
7 New York City <sup>9</sup> .....	3,290.3	3,355.7	3,366.7	1.7	1.8	1.8	81.1	84.2	84.4	426.1	422.1	431.0
8 Poughkeepsie .....	103.1	105.0	106.0	(1)	(1)	(1)	2.7	3.4	3.4	34.0	33.6	33.6
9 Rochester .....	412.5	415.4	418.6	(1)	(1)	(1)	9.1	10.8	10.6	147.2	144.6	144.4
10 Rockland County <sup>9</sup> .....	83.5	86.2	85.9	(1)	(1)	(1)	2.4	2.8	2.5	15.6	15.5	15.7
11 Syracuse .....	256.3	262.5	264.5	(1)	(1)	(1)	10.8	12.1	12.0	52.8	57.0	56.9
12 Utica—Rome .....	108.9	110.4	111.0	(1)	(1)	(1)	1.8	2.3	2.3	26.1	26.7	27.2
13 Westchester County <sup>9</sup> .....	350.8	361.0	360.7	(1)	(1)	(1)	14.7	16.1	15.6	66.8	67.5	67.3
<b>NORTH CAROLINA</b> .....	2,329.2	2,436.7	2,449.2	4.2	4.3	4.3	98.2	112.6	113.8	765.4	806.4	806.5
14 Asheville .....	68.8	69.3	69.7	(1)	(1)	(1)	2.2	2.7	2.6	20.4	20.9	21.1
16 Charlotte—Gastonia .....	337.3	347.4	349.0	(1)	(1)	(1)	15.6	17.7	17.5	88.6	90.8	91.0
17 Greensboro—Winston-Salem—High Pt. .....	382.5	397.0	398.3	(1)	(1)	(1)	15.2	17.9	17.9	141.9	146.2	146.3
18 Raleigh—Durham .....	287.7	296.2	300.5	(1)	(1)	(1)	14.0	15.5	15.7	47.1	49.8	49.8
<b>NORTH DAKOTA</b> .....	240.5	244.9	244.3	6.8	7.4	7.2	12.6	12.9	12.3	14.4	15.1	15.0
20 Fargo—Moorhead .....	60.9	62.6	62.6	-	-	-	2.0	2.2	2.1	4.3	4.5	4.4
<b>OHIO</b> .....	3,962.7	4,083.3	4,091.8	25.6	27.0	26.8	103.6	115.0	111.5	1,030.8	1,101.0	1,108.2
21 Akron .....	238.5	243.2	245.1	(*)	(*)	(*)	5.0	5.6	5.5	64.0	66.1	66.5
23 Canton .....	139.2	143.3	143.8	(*)	(*)	(*)	3.0	3.6	3.6	42.2	44.7	45.0
24 Cincinnati .....	557.6	573.1	571.9	(*)	(*)	(*)	16.6	18.9	18.0	137.5	143.2	143.2
25 Cleveland .....	807.8	819.0	818.6	(*)	(*)	(*)	20.6	23.1	22.3	204.7	211.6	211.6
26 Columbus .....	485.1	503.8	504.5	(*)	(*)	(*)	12.5	14.0	13.7	81.9	86.2	86.9
27 Dayton .....	327.6	339.3	339.4	(*)	(*)	(*)	7.3	8.3	7.9	83.2	90.4	90.8
28 Toledo .....	272.6	284.3	285.7	(*)	(*)	(*)	8.8	8.6	8.3	65.4	74.6	75.6
29 Youngstown—Warren .....	169.4	178.4	178.6	(*)	(*)	(*)	3.4	4.3	4.2	48.8	55.8	55.8
<b>OKLAHOMA</b> .....	1,157.2	1,161.1	1,165.7	81.9	73.9	72.7	47.6	44.9	45.9	163.9	168.3	171.8
31 Enid .....	25.8	26.3	26.4	2.2	2.2	2.2	1.3	1.2	1.3	2.3	2.4	2.4
32 Lawton .....	31.7	31.5	31.6	(1)	(1)	(1)	1.3	1.2	1.2	3.2	3.3	3.3
33 Oklahoma City .....	414.6	425.6	427.2	23.0	23.4	22.8	17.4	17.2	17.2	45.6	52.5	52.6
34 Tulsa .....	300.5	302.1	304.0	23.1	22.7	22.9	13.8	14.1	14.1	54.0	52.8	54.6
<b>OREGON</b> .....	931.9	965.8	970.0	1.4	1.4	1.5	22.3	24.2	23.7	176.1	187.1	189.4
36 Eugene—Springfield .....	88.0	91.5	92.0	.1	.2	.2	2.1	2.0	2.0	16.0	17.8	17.9
37 Medford .....	-	-	-	-	-	-	-	-	-	6.5	7.9	7.7
38 Portland .....	508.4	517.9	522.1	.6	.6	.6	14.2	15.0	14.7	92.9	95.4	96.9
39 Salem .....	77.7	79.7	80.9	.1	-	-	2.0	2.2	2.2	9.4	10.0	10.5
<b>PENNSYLVANIA</b> .....	4,389.3	4,497.4	4,506.0	35.8	39.4	38.8	137.7	144.3	142.5	1,071.2	1,107.3	1,114.5
41 Allentown—Bethlehem—Easton .....	241.0	248.6	250.6	.6	.7	.7	6.0	7.2	7.0	86.5	88.1	89.7
42 Altoona .....	43.4	44.9	44.8	.1	.1	.1	1.2	1.3	1.1	10.3	10.8	10.9
43 Delaware Valley <sup>10</sup> .....	1,525.4	1,569.6	1,573.7	.8	1.0	1.0	51.1	56.9	56.8	313.8	320.0	320.7
44 Erie .....	101.3	102.5	103.1	.1	.2	.2	2.1	2.8	2.5	33.7	34.2	35.0
45 Harrisburg .....	215.5	223.4	223.1	.1	.1	.1	6.0	6.2	6.1	38.2	41.7	41.3
46 Johnstown .....	69.5	73.0	72.6	4.3	6.1	6.1	1.5	1.7	1.6	11.5	12.2	12.2
47 Lancaster .....	145.5	153.5	153.8	.3	.3	.3	5.1	6.3	6.0	53.3	56.3	56.1
48 Northeast Pennsylvania .....	226.4	228.9	230.4	.7	.7	.7	9.2	6.3	6.0	60.3	63.2	64.2
49 Philadelphia SMSA .....	1,872.1	1,933.0	(*)	.9	1.0	(*)	62.0	69.4	(*)	381.3	391.1	(*)
50 Philadelphia City <sup>11</sup> .....	735.7	745.5	750.0	-	-	-	15.3	17.4	17.3	108.4	109.1	109.4
51 Pittsburgh .....	838.0	845.4	841.5	6.7	6.6	6.4	32.3	32.4	32.2	165.9	163.7	163.9
52 Reading .....	129.9	139.0	138.6	.1	.2	.2	3.3	4.2	4.0	47.2	52.3	52.3
53 Sharon .....	38.6	38.8	39.0	.4	.4	.4	.8	.7	.6	10.6	10.3	10.5
54 State College .....	45.9	45.7	47.5	-	-	-	1.0	.9	.9	6.9	7.7	7.8
55 Williamsport .....	42.2	44.3	44.6	.1	.1	.1	.9	.9	.9	13.6	14.7	15.0
56 York .....	142.8	149.2	148.7	.3	.3	.3	4.9	5.0	4.9	54.5	57.2	57.6
<b>RHODE ISLAND</b> .....	379.9	394.1	396.2	.1	.1	.1	9.2	11.2	11.0	110.8	116.5	117.7
57 Providence—Warwick—Pawtucket .....	383.0	396.7	399.2	.2	.2	.2	9.1	10.8	10.8	121.5	125.6	126.8
<b>SOUTH CAROLINA</b> .....	1,145.7	1,195.2	1,202.3	1.6	1.7	1.7	61.2	70.4	71.2	353.2	370.5	371.4
60 Charleston—North Charleston .....	149.7	154.6	154.9	-	-	-	9.6	10.7	10.7	18.4	19.0	19.2
61 Columbia .....	181.1	190.7	192.1	-	-	-	9.7	13.7	13.7	24.3	26.5	26.6
62 Greenville—Spartanburg .....	255.4	263.5	262.9	-	-	-	14.4	15.1	15.2	94.5	99.6	98.8

See footnotes at end of table.

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	
1.4	1.4	1.4	8.1	8.8	8.7	1.1	1.1	1.1	7.4	7.3	7.4	6.3	6.2	6.3	1
10.3	10.0	10.0	62.4	65.5	65.1	14.7	15.1	15.1	74.4	75.4	77.0	39.5	38.5	39.7	2
47.7	44.0	44.0	241.0	258.3	257.0	55.9	57.9	57.8	224.1	234.8	235.7	172.6	171.4	172.2	3
458.3	459.4	461.5	1,396.2	1,471.8	1,462.4	684.4	703.2	703.2	1,700.3	1,756.7	1,765.6	1,060.2	1,066.3	1,069.6	4
305.1	304.1	303.9	937.1	982.6	977.5	566.7	582.6	582.8	1,292.3	1,333.0	1,339.8	760.7	767.7	768.2	5
263.3	260.1	259.9	696.2	724.4	720.6	510.8	524.7	525.0	1,068.4	1,098.4	1,104.3	588.1	596.3	595.9	6
239.7	235.9	235.9	591.7	614.4	610.8	486.1	499.2	499.6	953.2	977.9	983.4	510.7	520.3	519.8	7
3.2	3.3	3.3	16.7	17.2	17.2	3.0	3.1	3.2	19.8	21.0	21.6	23.7	23.3	23.8	8
12.8	12.6	12.6	78.7	82.8	82.5	16.4	16.8	16.8	87.0	88.2	90.2	61.4	59.6	61.4	9
3.4	3.6	3.6	17.9	18.9	18.9	3.1	3.4	3.4	20.0	21.6	21.6	21.0	20.2	20.2	10
14.2	14.7	14.7	55.8	57.9	57.4	16.9	17.3	17.3	57.5	56.5	58.8	48.2	46.9	47.3	11
4.0	4.1	4.1	21.5	22.8	22.6	5.7	6.0	6.1	21.3	21.5	21.4	28.5	27.0	27.4	12
19.6	20.0	19.8	83.6	87.6	87.4	21.1	21.6	21.5	92.0	95.7	96.2	53.0	52.6	52.7	13
117.0	119.8	120.4	478.6	513.7	513.4	98.1	102.3	102.4	354.9	361.3	365.0	412.8	416.3	423.4	14
3.4	3.5	3.5	14.8	15.4	15.3	2.2	2.3	2.3	14.2	13.3	13.5	11.6	11.2	11.4	15
32.0	31.7	31.9	82.7	85.2	85.2	23.7	23.6	23.6	57.5	60.7	61.3	37.2	37.7	38.5	16
20.4	21.7	21.7	77.9	81.6	81.6	18.6	19.0	19.1	60.4	61.8	62.6	48.1	48.8	49.1	17
14.1	14.4	14.4	55.4	58.0	57.9	15.7	16.6	16.7	62.3	64.1	64.8	79.1	77.8	81.2	18
15.7	16.2	16.0	62.6	63.6	62.9	11.7	11.9	12.0	54.6	56.0	56.1	62.1	61.8	62.8	19
3.8	3.7	3.7	17.6	18.3	18.1	3.8	3.9	4.0	15.8	16.3	16.3	13.6	13.7	14.0	20
193.5	193.1	192.7	886.0	911.9	900.2	205.2	210.8	210.3	849.5	868.3	875.1	668.5	656.3	667.0	21
12.4	12.1	12.1	54.4	56.0	55.4	9.1	9.4	9.4	50.6	52.6	52.9	42.4	40.7	42.7	22
5.9	5.7	5.6	31.8	32.4	32.1	6.4	6.5	6.5	30.2	30.6	30.9	18.6	18.4	18.7	23
30.6	30.6	30.4	135.0	137.9	135.7	32.2	32.9	32.9	123.6	128.8	129.7	81.9	80.3	81.5	24
40.2	40.3	40.0	186.9	189.1	186.9	48.1	48.7	48.4	194.4	192.9	194.6	115.9	112.0	113.5	25
22.2	22.7	22.8	115.1	122.5	121.0	41.9	44.4	44.4	108.8	112.7	113.4	102.0	100.9	101.9	26
12.5	12.6	12.5	68.8	70.9	69.8	13.4	13.8	13.8	74.8	76.5	77.3	67.3	66.7	67.0	27
16.9	16.8	17.1	61.5	62.6	61.6	10.4	10.8	10.8	62.2	64.2	64.3	47.1	46.5	47.8	28
7.3	7.2	7.2	39.8	40.6	40.1	7.0	7.2	7.2	37.6	38.8	39.0	24.7	23.9	24.5	29
67.3	66.8	66.3	276.2	284.3	283.2	61.3	61.5	61.0	211.1	216.8	219.0	247.9	244.6	245.8	30
2.7	2.7	2.7	6.9	7.3	7.3	1.2	1.2	1.2	5.2	5.3	5.3	4.0	4.0	4.0	31
1.5	1.4	1.4	7.8	8.2	8.1	1.4	1.2	1.2	5.4	5.5	5.6	11.1	10.7	10.8	32
23.1	23.2	23.3	104.8	108.1	108.2	26.9	26.9	26.7	78.8	80.5	81.7	95.0	93.8	94.7	33
22.3	22.1	21.9	70.2	70.7	70.6	16.3	16.7	16.7	65.4	67.5	67.8	35.4	35.5	35.4	34
54.4	54.8	55.4	228.8	244.6	242.2	62.6	65.0	65.3	189.8	192.9	194.6	196.5	195.8	197.9	35
4.3	4.2	4.2	22.0	23.3	23.1	4.2	4.5	4.5	18.1	18.4	18.5	21.2	21.1	21.6	36
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37
34.0	33.6	33.7	131.9	137.5	138.0	42.1	43.5	43.5	110.5	111.8	113.7	82.2	80.5	81.0	38
2.7	2.7	2.7	17.3	18.5	18.4	5.2	5.2	5.2	14.8	14.6	15.0	26.3	26.4	26.8	39
236.8	243.0	242.8	947.7	1,002.8	986.9	237.3	245.1	244.4	1,042.9	1,056.3	1,063.2	679.9	659.2	672.9	40
13.1	13.0	13.1	49.2	51.2	50.9	9.5	9.7	9.9	47.8	50.8	50.9	28.3	27.9	28.4	41
4.6	5.2	5.2	10.2	10.5	10.3	1.5	1.5	1.5	8.6	8.8	9.0	6.9	6.7	6.7	42
76.0	79.6	79.4	326.7	347.0	341.5	108.6	112.6	112.8	426.0	433.8	441.1	222.4	218.7	220.4	43
4.3	4.3	3.4	20.5	21.3	21.1	4.7	4.7	4.7	23.2	23.3	23.7	12.7	11.7	12.5	44
15.9	16.2	16.4	44.6	47.6	46.7	12.5	13.3	13.4	42.0	43.0	43.0	56.2	55.3	56.1	45
4.6	4.8	4.4	14.2	15.0	14.9	3.8	3.9	3.9	16.6	16.9	17.0	13.0	12.4	12.5	46
6.3	6.2	6.0	34.0	36.5	36.0	5.4	5.7	5.7	26.8	28.2	28.6	14.3	14.0	15.1	47
12.6	12.4	12.5	48.7	51.2	50.4	9.5	9.7	9.7	48.9	50.2	50.3	36.5	35.2	36.6	48
91.5	95.0	(*)	417.7	446.4	(*)	126.3	130.9	(*)	501.0	508.9	(*)	291.4	290.3	(*)	49
46.3	48.2	48.1	138.0	143.3	141.4	63.9	63.2	63.3	228.1	228.0	234.0	135.7	136.3	136.5	50
50.7	51.6	51.6	197.7	205.7	201.9	47.3	47.9	47.5	226.8	230.9	230.7	110.6	106.6	107.3	51
5.7	5.5	5.5	26.5	28.6	28.1	6.0	6.4	6.3	24.8	25.8	25.6	16.3	16.0	16.6	52
2.0	2.0	2.0	8.6	9.1	9.0	1.3	1.3	1.3	9.6	9.9	10.1	5.3	5.1	5.1	53
1.1	1.2	1.2	8.6	8.7	8.6	1.4	1.4	1.4	6.4	6.8	6.8	20.2	18.7	20.5	54
1.9	1.9	2.0	9.0	9.6	9.5	2.1	2.1	2.2	8.4	8.9	8.8	6.2	6.1	6.1	55
6.6	6.6	6.2	31.9	35.0	34.6	3.9	4.0	4.0	22.8	23.8	23.7	17.9	17.3	17.4	56
13.1	13.2	13.3	78.1	83.0	82.6	21.2	21.3	21.3	90.1	91.8	92.9	57.3	57.0	57.3	57
13.2	13.3	13.4	78.0	82.7	82.3	20.6	20.7	20.8	86.4	88.3	89.5	54.0	55.1	55.4	58
52.8	54.4	54.3	222.3	236.0	234.4	48.7	50.9	51.2	170.0	177.3	178.8	235.9	234.0	239.3	59
8.4	8.2	8.1	33.9	36.1	35.6	6.7	7.0	7.0	26.3	26.7	26.7	46.4	46.8	47.5	60
9.5	8.5	8.5	37.6	40.1	40.2	14.4	15.1	15.0	30.2	31.4	32.3	55.1	55.1	55.5	61
9.4	9.3	9.3	52.9	54.8	54.3	10.4	10.6	10.5	38.3	38.4	38.7	35.3	35.5	35.9	62

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
1 SOUTH DAKOTA .....	223.4	229.7	230.2	2.4	2.5	2.5	5.8	6.8	6.5	23.8	26.5	26.6
2 Sioux Falls .....	53.5	57.6	56.8	-	-	-	1.6	2.0	1.8	7.4	8.4	8.3
3 TENNESSEE .....	1,662.2	1,745.5	1,759.4	7.6	7.6	7.6	60.3	71.9	71.7	452.1	481.8	486.6
4 Chattanooga .....	163.0	165.9	165.4	1.1	1.0	1.0	5.0	5.8	5.8	42.4	44.1	43.7
5 Knoxville .....	198.2	201.6	202.7	1.5	1.2	1.2	7.4	9.1	9.1	47.8	48.3	49.9
6 Memphis .....	342.2	352.8	353.9	.1	.1	.1	11.5	13.5	13.6	50.1	51.1	51.3
7 Nashville—Davidson .....	366.8	385.3	386.6	(1)	(1)	(1)	16.8	19.5	20.1	77.4	84.4	84.9
8 TEXAS .....	6,107.7	6,224.9	6,257.5	267.7	265.1	266.4	409.3	405.2	404.7	959.5	965.8	971.8
9 Abilene .....	57.7	57.5	57.6	4.6	4.2	4.2	2.5	3.0	3.0	7.2	5.8	5.9
10 Amarillo .....	76.1	77.8	77.8	(1)	(1)	(1)	3.5	3.6	3.7	9.5	9.4	9.2
11 Austin .....	281.0	290.2	294.0	(1)	(1)	(1)	15.9	18.6	18.8	32.7	34.3	34.5
12 Beaumont—Port Arthur—Orange .....	142.4	138.5	140.0	(1)	(1)	(1)	10.1	9.2	9.2	33.2	31.3	31.5
13 Brownsville—Harlingen—San Benito .....	61.3	62.6	63.0	(1)	(1)	(1)	3.5	3.4	3.4	10.8	10.8	10.9
14 Bryan—College Station .....	44.9	44.5	46.5	1.1	1.1	1.1	2.9	3.3	3.2	2.9	3.1	3.1
15 Corpus Christi .....	131.1	126.5	127.3	7.7	7.3	7.3	13.9	9.7	9.8	13.7	14.0	13.9
16 Dallas—Fort Worth .....	1,537.4	1,606.3	1,614.2	29.6	28.4	28.4	88.4	97.3	98.1	301.5	312.7	312.6
17 El Paso .....	163.0	164.1	164.9	(1)	(1)	(1)	8.0	8.8	8.8	34.4	35.7	36.5
18 Galveston—Texas City .....	67.1	67.8	68.6	(1)	(1)	(1)	4.1	4.1	4.0	10.7	10.2	10.2
19 Houston .....	1,506.7	1,502.2	1,504.5	100.2	98.6	98.5	137.2	131.4	129.2	207.1	195.2	195.2
20 Killeen—Temple .....	58.4	61.2	61.2	(1)	(1)	(1)	3.0	3.6	3.7	7.7	8.6	8.6
21 Laredo .....	29.9	30.1	30.0	(1)	(1)	(1)	1.3	1.3	1.3	1.8	1.8	1.8
22 Longview—Marshall .....	66.8	67.1	67.0	(1)	(1)	(1)	4.6	4.7	4.7	15.4	14.5	14.6
23 Lubbock .....	91.7	90.0	90.8	(1)	(1)	(1)	3.8	4.0	4.0	13.2	9.4	9.5
24 McAllen—Pharr—Edinburg .....	79.3	76.9	77.6	1.4	1.5	1.4	5.1	5.2	5.1	10.6	9.4	9.7
25 Midland .....	50.9	55.0	54.9	12.8	12.5	12.5	3.7	3.5	3.3	3.6	3.9	4.0
26 Odessa .....	55.3	56.7	56.8	8.8	8.8	8.9	4.4	4.2	4.3	6.6	5.9	5.9
27 San Angelo .....	37.5	37.0	37.0	1.0	.8	.8	2.5	2.3	2.2	5.7	5.6	5.5
28 San Antonio .....	425.1	441.9	445.6	3.3	3.5	3.5	29.3	30.6	30.8	48.2	49.2	49.9
29 Sherman—Denison .....	33.3	34.4	34.3	.2	.2	.2	1.3	1.3	1.3	10.6	11.5	11.5
30 Texarkana .....	44.3	45.8	45.6	.1	.1	.1	1.7	1.7	1.5	8.1	8.4	8.4
31 Tyler .....	56.8	57.9	58.0	3.2	3.1	3.1	2.5	2.5	2.4	11.8	12.0	12.0
32 Waco .....	71.7	74.4	75.8	(1)	(1)	(1)	3.4	3.8	3.8	14.6	15.5	15.7
33 Wichita Falls .....	51.2	53.3	53.3	3.2	3.3	3.3	1.9	2.1	2.1	8.1	9.0	9.1
34 UTAH .....	549.5	577.7	579.2	14.1	14.2	13.7	22.6	27.4	27.0	80.5	89.4	90.0
35 Salt Lake City—Ogden .....	390.9	412.4	412.7	5.6	6.3	5.9	15.4	19.3	19.2	55.9	61.5	61.6
36 VERMONT .....	201.1	203.6	205.9	.5	.4	.5	7.8	9.0	8.7	46.2	47.2	47.7
37 Burlington <sup>12</sup> .....	60.9	61.5	62.9	-	-	-	2.5	3.1	3.0	15.4	15.6	15.6
38 Springfield <sup>13</sup> .....	12.7	12.7	12.8	-	-	-	.6	.9	.9	4.2	3.9	4.0
39 VIRGINIA .....	2,115.9	2,216.4	2,222.5	16.5	18.1	18.2	95.8	113.4	113.6	388.8	405.8	407.6
40 Bristol .....	26.1	27.2	27.2	.1	.1	.1	.7	1.1	1.1	8.6	9.1	9.2
41 Lynchburg .....	67.1	70.1	70.4	.1	.1	.1	2.1	2.6	2.6	25.6	26.7	26.8
42 Newport News—Hampton .....	149.0	158.0	158.9	.1	.1	.1	6.0	7.5	7.7	36.9	39.2	39.1
43 Norfolk—Virginia Beach—Portsmouth .....	288.7	306.5	306.5	.1	.1	.1	16.4	20.0	19.8	24.8	26.6	26.9
44 Northern Virginia <sup>14</sup> .....	484.0	516.2	516.1	.5	.5	.5	23.2	28.6	28.7	23.2	26.7	26.8
45 Petersburg—Colonial Hgts.—Hopewell .....	41.3	40.6	40.4	.1	.1	.1	1.4	1.7	1.7	8.2	7.0	6.9
46 Richmond .....	323.2	334.9	336.2	.3	.3	.3	14.3	15.5	15.6	54.4	55.1	55.6
47 Roanoke .....	98.2	102.3	102.5	.1	.1	.1	4.0	5.1	5.1	19.2	19.8	19.7
48 WASHINGTON .....	1,528.6	1,578.8	1,585.6	2.4	2.8	2.8	65.0	64.4	64.8	270.5	272.4	275.6
49 WEST VIRGINIA .....	562.0	580.7	582.4	48.3	50.2	50.5	16.9	18.1	18.1	88.6	90.2	90.6
50 Charleston .....	102.1	104.0	104.0	4.3	3.9	4.0	3.4	3.8	3.8	15.2	13.9	13.9
51 Huntington—Ashland .....	90.6	90.9	91.2	.9	.7	.7	4.0	3.5	3.5	19.1	19.6	19.6
52 Parkersburg—Marietta .....	54.5	55.7	55.6	1.1	1.2	1.2	2.3	2.0	2.0	14.3	14.9	14.8
53 Wheeling .....	57.2	57.4	57.4	3.8	3.5	3.5	1.4	1.6	1.6	8.6	8.5	8.5
54 WISCONSIN .....	1,801.5	1,843.6	1,850.2	1.4	1.8	1.6	45.2	51.0	49.5	465.1	494.7	493.8
55 Appleton—Oshkosh .....	122.2	125.3	125.5	(1)	(1)	(1)	3.9	4.4	4.4	43.4	46.4	46.1
56 Eau Claire .....	47.8	48.7	48.9	(1)	(1)	(1)	1.3	1.2	1.1	8.6	8.6	8.6
57 Green Bay .....	76.3	79.1	79.1	(1)	(1)	(1)	2.3	2.6	2.6	20.1	20.7	20.9
58 Janesville—Beloit .....	48.6	50.6	50.5	(1)	(1)	(1)	1.1	1.3	1.0	16.7	18.9	18.5
59 Kenosha .....	41.4	43.2	42.4	(1)	(1)	(1)	1.3	1.0	1.0	15.9	17.7	17.1
60 La Crosse .....	44.9	45.8	46.0	(1)	(1)	(1)	1.1	1.2	1.1	9.8	10.0	9.9
61 Madison .....	169.2	171.9	173.7	(1)	(1)	(1)	4.4	5.6	5.8	18.2	18.8	18.7
62 Milwaukee .....	613.1	621.7	623.6	(1)	(1)	(1)	13.6	14.3	13.7	161.3	169.4	169.7
63 Racine .....	60.2	63.3	63.1	(1)	(1)	(1)	1.1	.9	.9	21.2	24.9	24.8

See footnotes at end of table.



# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	
12.2	12.4	12.2	58.8	60.2	59.9	12.0	12.7	12.6	51.3	52.1	52.0	57.0	56.7	57.8	1
4.5	4.5	4.4	14.9	15.7	15.6	4.3	4.8	4.9	14.0	15.3	14.9	6.8	6.7	6.7	2
80.4	83.0	84.7	372.3	394.1	391.8	79.3	81.7	81.7	309.6	323.3	328.3	300.5	302.1	307.0	3
7.1	7.2	7.3	35.2	37.5	37.3	9.8	10.1	10.0	30.6	29.2	29.3	31.8	31.0	31.0	4
7.6	6.7	6.7	44.3	46.6	46.4	8.7	8.2	8.3	36.1	36.6	36.4	44.8	44.9	44.7	5
26.6	27.8	27.7	94.4	97.1	96.8	19.8	20.8	20.8	77.0	80.6	80.8	62.7	61.8	62.8	6
19.3	18.9	18.9	85.7	90.0	88.7	26.3	27.7	27.7	79.7	83.9	84.6	61.6	60.9	61.7	7
367.5	373.7	376.0	1,513.6	1,572.4	1,565.2	381.4	396.3	400.4	1,157.1	1,190.6	1,200.7	1,051.6	1,055.8	1,072.3	8
3.2	3.2	3.2	14.6	15.0	15.0	3.1	3.2	3.2	13.0	13.6	13.5	9.5	9.5	9.6	9
6.4	6.5	6.4	22.3	23.4	23.5	4.1	4.3	4.3	16.7	16.5	16.5	13.6	14.1	14.2	10
7.9	8.1	8.1	62.7	66.0	66.2	17.9	18.5	18.5	56.8	59.0	59.4	87.1	85.7	88.5	11
12.0	11.4	11.7	32.4	32.8	32.8	5.6	5.6	5.6	28.7	28.2	28.9	20.4	20.0	20.3	12
3.2	3.1	3.0	16.5	16.9	17.1	3.1	3.1	3.1	10.6	11.3	11.3	13.6	14.0	14.2	13
1.5	1.8	1.8	9.8	10.0	10.0	1.8	1.9	1.9	6.4	6.6	6.7	18.5	16.7	18.7	14
7.7	7.3	7.6	31.4	31.8	32.0	6.4	6.4	6.4	23.6	23.4	23.5	26.7	26.6	26.8	15
94.8	97.6	98.1	411.7	434.9	431.7	122.8	131.1	131.8	302.4	317.7	322.7	186.2	186.6	190.8	16
10.0	9.6	9.7	39.8	40.2	39.8	7.8	8.0	7.9	28.6	27.8	27.7	34.4	34.0	34.5	17
6.0	5.8	6.0	12.3	12.3	12.4	4.5	4.5	4.5	10.8	11.0	11.2	18.7	19.9	20.3	18
104.8	103.1	103.2	366.5	367.9	367.1	103.1	104.8	105.5	306.0	318.6	322.5	181.8	182.6	183.3	19
3.1	3.0	2.9	13.5	14.6	14.5	2.3	2.4	2.4	10.9	11.1	11.2	17.9	17.9	17.9	20
3.2	3.2	3.2	9.1	8.9	8.9	1.4	1.4	1.4	6.1	6.2	6.1	7.0	7.3	7.3	21
3.7	3.7	3.7	16.7	17.2	17.0	2.8	2.8	2.8	15.6	15.9	15.8	8.0	8.3	8.4	22
4.7	4.9	4.9	25.6	26.6	26.5	5.2	5.3	5.4	18.7	19.4	19.5	20.5	20.4	21.0	23
2.6	2.7	2.7	25.7	23.6	24.1	3.0	3.3	3.3	10.8	11.2	11.3	20.1	20.0	20.0	24
2.8	2.9	2.9	11.4	13.4	13.4	3.5	3.9	3.7	7.9	9.1	9.3	5.2	5.8	5.8	25
3.0	3.0	3.0	15.4	16.7	16.9	2.5	2.3	2.3	7.7	8.8	8.7	6.9	7.0	6.8	26
3.8	3.7	3.7	8.9	8.9	8.9	1.5	1.6	1.7	7.6	7.4	7.4	6.5	6.7	6.8	27
17.4	18.4	18.5	106.4	113.3	113.6	30.5	32.0	32.2	91.5	95.2	96.5	98.5	99.7	100.6	28
2.1	2.1	2.1	7.0	6.8	6.8	1.3	1.3	1.3	6.1	6.3	6.3	4.7	4.9	4.8	29
2.0	2.0	2.0	10.1	10.7	10.7	1.6	1.7	1.7	7.8	8.4	8.4	12.9	12.8	12.8	30
2.8	2.9	2.9	14.3	14.5	14.5	3.1	3.2	3.2	11.3	11.7	11.8	7.8	8.0	8.1	31
3.2	3.2	3.2	17.8	18.9	19.1	4.5	4.5	4.6	16.7	16.9	17.6	11.5	11.6	11.8	32
2.8	2.8	2.8	12.9	13.5	13.4	2.6	2.5	2.5	8.8	9.3	9.3	10.9	10.8	10.8	33
35.0	36.2	36.2	128.6	135.3	134.5	27.3	29.0	29.1	111.7	115.9	116.9	129.8	130.2	131.7	34
27.7	28.6	28.4	95.8	102.0	101.1	22.5	23.7	23.9	75.9	78.6	79.3	92.2	92.3	93.2	35
8.5	8.7	8.7	41.8	43.1	43.1	8.5	8.9	8.9	50.4	50.9	50.9	37.4	35.4	37.4	36
2.4	2.5	2.6	12.8	13.1	13.3	2.5	2.6	2.6	14.3	14.8	14.9	11.0	9.8	10.9	37
.6	.6	.6	2.2	2.3	2.3	.3	.4	.3	3.0	3.0	3.0	1.8	1.7	1.7	38
116.6	120.2	120.8	450.1	484.6	482.9	106.0	111.8	112.6	438.8	454.5	456.7	503.4	508.0	510.2	39
1.1	1.1	1.1	6.2	6.6	6.4	.9	1.0	1.0	3.4	3.2	3.4	5.1	5.0	5.0	40
2.8	2.9	3.0	11.9	12.6	12.4	3.1	3.2	3.2	12.1	12.5	12.6	9.5	9.5	9.7	41
4.6	4.6	4.6	29.2	32.0	32.5	4.5	4.7	4.8	29.3	31.1	31.2	38.6	38.8	39.0	42
19.2	19.8	19.9	69.0	75.9	74.7	14.6	15.4	15.6	63.6	66.7	66.9	80.9	82.0	82.6	43
33.5	36.5	36.3	108.9	118.5	117.2	29.2	31.0	31.0	140.8	151.2	151.5	124.6	123.3	124.0	44
1.2	1.2	1.1	8.0	8.4	8.3	1.2	1.2	1.2	6.9	6.9	6.9	14.4	14.1	14.1	45
19.4	19.6	19.8	77.3	82.0	81.6	26.9	27.5	27.6	59.6	62.4	63.0	71.1	72.6	72.7	46
8.4	8.0	7.9	24.4	26.7	26.7	6.0	6.2	6.2	21.4	21.9	22.0	14.7	14.5	14.8	47
84.7	88.9	89.0	372.6	398.4	395.1	89.6	92.3	92.2	317.1	325.6	328.2	326.7	334.0	337.9	48
38.7	39.3	39.1	121.1	126.1	125.2	21.7	21.9	21.9	101.9	105.4	106.4	124.7	129.6	130.6	49
8.8	9.0	9.0	24.4	26.5	26.3	5.0	5.1	5.2	20.8	21.1	21.1	20.1	20.6	20.7	50
7.8	8.0	8.0	22.1	22.7	22.4	3.6	3.6	3.5	14.8	15.0	15.0	18.3	17.8	18.5	51
2.1	2.1	2.1	12.6	13.1	13.0	1.9	2.1	2.1	10.7	10.8	10.8	9.4	9.6	9.7	52
3.4	3.5	3.5	14.2	14.3	14.3	2.8	2.7	2.6	14.2	14.1	14.3	8.9	9.2	9.1	53
84.2	84.7	84.9	408.6	418.1	416.6	95.7	96.9	96.6	379.8	383.2	387.0	321.5	313.3	320.2	54
4.7	4.8	4.9	25.6	25.7	25.7	5.8	6.2	6.1	22.2	22.1	22.1	16.7	15.7	16.2	55
2.6	2.6	2.6	12.8	13.6	13.7	1.7	1.7	1.7	10.1	10.3	10.3	10.7	10.7	10.9	56
5.6	5.7	5.8	20.3	21.6	21.3	2.6	2.6	2.5	15.7	16.2	16.1	9.8	9.7	9.9	57
2.0	2.2	2.2	11.4	11.5	11.6	1.4	1.4	1.4	9.3	9.3	9.3	6.7	6.1	6.4	58
1.1	1.1	1.1	7.7	7.5	7.5	1.0	1.0	1.0	8.2	8.2	8.2	6.1	6.5	6.5	59
2.2	2.2	2.2	11.8	12.2	12.2	1.3	1.3	1.3	11.6	12.3	12.2	7.2	6.7	7.0	60
5.9	5.9	6.0	37.0	38.2	38.0	13.2	12.9	13.0	34.8	34.7	35.5	55.7	55.8	57.0	61
31.6	31.8	31.8	135.3	136.8	136.2	41.8	42.2	42.0	147.3	147.8	149.7	82.4	79.3	80.4	62
2.3	2.3	2.2	13.4	13.3	13.1	2.1	2.1	2.1	12.1	12.0	12.0	7.9	7.9	8.0	63

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
1 WYOMING .....	198.0	198.0	197.5	28.9	27.7	26.9	13.2	15.4	15.3	7.7	7.7	7.4
2 PUERTO RICO .....	636.7	651.9	658.5	.7	.7	.7	21.6	27.1	28.2	140.0	144.9	149.1
3 Caguas .....	26.1	25.1	25.1	(*)	(*)	(*)	(*)	(*)	(*)	8.2	7.9	8.1
4 Mayaguez .....	36.1	36.4	36.8	(*)	(*)	(*)	(*)	(*)	(*)	13.3	13.4	14.0
5 Ponce .....	43.4	43.4	44.3	(*)	(*)	(*)	1.4	1.6	1.9	9.3	9.2	9.7
6 San Juan .....	329.2	335.2	336.0	(1)	(1)	(1)	15.9	18.0	18.7	31.2	31.5	32.2
7 VIRGIN ISLANDS .....	36.0	34.9	35.6	-	-	-	2.3	2.3	2.6	2.5	2.4	2.5

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	
16.3	16.6	16.3	43.1	43.9	43.6	7.7	7.6	7.6	32.0	29.7	29.9	49.1	49.4	50.5	1
15.1	15.4	15.4	104.9	105.8	102.7	28.1	28.2	28.5	87.9	85.5	87.8	238.4	244.2	246.1	2
(*)	(*)	(*)	5.4	5.2	5.0	(*)	(*)	(*)	(*)	(*)	(*)	9.1	8.6	8.6	3
(*)	(*)	(*)	4.9	5.4	5.3	(*)	(*)	(*)	(*)	(*)	(*)	12.5	12.5	12.5	4
(*)	(*)	(*)	6.7	7.2	7.0	(*)	(*)	(*)	7.2	6.6	6.9	15.9	15.8	15.8	5
11.7	11.8	11.9	66.7	68.1	66.3	21.7	21.5	21.5	57.6	58.5	59.0	122.3	125.8	126.4	6
2.2	2.3	2.3	7.6	7.0	7.0	1.5	1.4	1.4	6.3	5.9	6.1	13.6	13.6	13.7	7
.															

<sup>1</sup> Combined with services.  
<sup>2</sup> Combined with construction.  
<sup>3</sup> Area included in Chicago—Gary Standard Consolidated Statistical Area.  
<sup>4</sup> Subarea of Baltimore Standard Metropolitan Statistical Area.  
<sup>5</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>6</sup> Subarea of New York—Northeastern New Jersey.  
<sup>7</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>8</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>9</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>10</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>11</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.

<sup>12</sup> Total includes data for industry divisions not shown separately.  
<sup>13</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.  
 p = preliminary.  
 \*Not available.

NOTE: All State and area data have been adjusted to March 1983 benchmarks except Wisconsin data which are adjusted to December 1982 benchmarks.

SOURCE: Cooperating State agencies listed on inside back cover.



# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>TOTAL PRIVATE</b> .....	\$270.86	\$274.13	\$289.10	\$289.22	\$288.40	\$7.92	\$7.90	\$8.26	\$8.24	\$8.24
-	<b>MINING</b> .....	464.63	457.74	501.70	495.94	493.61	11.25	11.19	11.56	11.43	11.56
10	<b>METAL MINING</b> .....	495.01	490.46	516.31	520.43	-	12.66	12.48	12.78	12.85	-
101	Iron ores .....	517.98	485.55	473.19	491.88	-	13.35	12.45	12.01	12.39	-
102	Copper ores .....	514.04	518.18	555.17	552.03	-	13.08	12.89	12.41	13.27	-
11, 12	<b>COAL MINING</b> .....	517.98	521.90	600.30	591.84	-	13.35	13.28	14.50	14.40	-
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	521.26	523.48	603.00	594.93	-	13.40	13.32	14.53	14.44	-
13	<b>OIL AND GAS EXTRACTION</b> .....	457.10	459.46	478.74	469.58	-	10.73	10.71	10.71	10.60	-
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	515.34	528.10	562.39	533.83	-	12.27	12.31	12.84	12.68	-
138	Oil and gas field services .....	432.00	429.57	444.60	443.86	-	10.07	9.99	9.88	9.82	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	374.01	378.06	405.96	412.16	-	9.10	8.98	9.62	9.63	-
142	Crushed and broken stone .....	343.58	355.69	366.80	380.88	-	8.38	8.33	8.86	8.92	-
-	<b>CONSTRUCTION</b> .....	424.80	434.98	438.14	443.26	437.74	12.00	11.95	12.07	11.93	11.96
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	379.08	388.77	381.63	389.42	-	10.80	10.71	10.66	10.64	-
152	Residential building construction .....	335.92	343.00	349.12	353.35	-	9.88	9.80	9.89	9.87	-
153	Operative builders .....	325.09	325.40	340.66	337.95	-	8.81	8.28	9.06	8.87	-
154	Nonresidential building construction .....	419.40	430.73	415.58	426.31	-	11.65	11.61	11.48	11.46	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	459.26	474.41	475.16	484.70	-	11.96	11.98	12.06	11.83	-
161	Highway and street construction .....	352.30	370.60	382.13	396.40	-	9.32	9.43	10.30	9.91	-
162	Heavy construction, except highway .....	488.29	504.98	504.06	512.09	-	12.65	12.72	12.57	12.49	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	432.75	441.60	452.27	453.78	-	12.58	12.51	12.74	12.64	-
171	Plumbing, heating, air conditioning .....	455.22	461.84	472.13	466.25	-	12.61	12.55	12.59	12.50	-
172	Painting, paper hanging, decorating .....	378.18	393.30	397.06	402.98	-	11.53	11.50	11.61	11.58	-
173	Electrical work .....	505.81	518.36	542.59	538.37	-	13.82	13.86	14.13	14.02	-
174	Masonry, stonework, and plastering .....	386.42	403.14	403.33	426.42	-	12.19	12.07	12.41	12.36	-
175	Carpentering and flooring .....	401.47	412.24	396.29	397.32	-	12.02	11.88	11.69	11.55	-
176	Roofing and sheet metal work .....	318.40	325.68	325.52	340.83	-	10.83	10.82	11.11	11.03	-
-	<b>MANUFACTURING</b> .....	339.50	346.10	369.05	369.56	369.87	8.75	8.74	9.09	9.08	9.11
24, 25, 32-39	<b>DURABLE GOODS</b> .....	366.81	372.53	398.96	399.92	399.78	9.31	9.29	9.66	9.66	9.68
20-23, 26-31	<b>NONDURABLE GOODS **</b> .....	305.22	311.20	326.67	326.30	327.49	7.99	8.00	8.27	8.24	8.27
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	299.54	302.59	310.47	312.84	309.29	7.72	7.68	7.88	7.88	7.83
241	Logging camps and logging contractors .....	384.53	389.22	391.29	398.09	-	10.04	9.98	10.27	10.26	-
242	Sawmills and planing mills .....	317.99	319.20	338.64	340.72	-	8.03	7.98	8.30	8.29	-
2421	Sawmills and planing mills, general .....	337.55	336.84	359.16	359.68	-	8.46	8.40	8.76	8.73	-
2426	Hardwood dimension and flooring .....	213.40	217.49	229.23	231.26	-	5.50	5.52	5.66	5.71	-
243	Millwork, plywood, and structural members .....	299.51	303.34	307.68	305.73	-	7.66	7.66	7.75	7.74	-
2431	Millwork .....	308.48	310.84	312.45	310.46	-	7.79	7.81	7.91	7.92	-
2434	Wood kitchen cabinets .....	258.81	262.89	278.69	272.45	-	6.92	6.90	7.02	7.04	-
2435	Hardwood veneer and plywood .....	230.40	233.19	251.51	252.94	-	6.00	6.01	6.21	6.23	-
2436	Softwood veneer and plywood .....	377.20	384.56	386.48	380.97	-	9.20	9.20	9.59	9.43	-
244	Wood containers .....	206.83	210.55	210.17	218.40	-	5.56	5.57	5.56	5.60	-
245	Wood buildings and mobile homes .....	247.11	258.55	241.65	255.43	-	6.77	6.84	6.75	6.96	-
2451	Mobile homes .....	255.45	269.10	244.40	256.57	-	6.74	6.90	6.77	7.01	-
249	Miscellaneous wood products .....	255.58	262.51	271.32	271.08	-	6.52	6.53	6.80	6.76	-
25	<b>FURNITURE AND FIXTURES</b> .....	243.40	251.29	263.64	264.32	265.78	6.50	6.51	6.76	6.76	6.78
251	Household furniture .....	221.40	230.40	237.84	242.35	-	6.00	6.00	6.21	6.23	-
2511	Wood household furniture .....	200.20	208.07	219.82	222.66	-	5.50	5.49	5.68	5.68	-
2512	Upholstered household furniture .....	234.50	245.48	249.98	255.53	-	6.46	6.46	6.72	6.76	-
2514	Metal household furniture .....	239.58	246.02	251.30	254.23	-	6.05	6.12	6.33	6.34	-
2515	Mattresses and bedspreads .....	259.06	270.38	262.71	273.47	-	6.89	6.88	6.95	7.03	-
252	Office furniture .....	265.36	272.38	307.42	298.28	-	7.02	7.02	7.39	7.42	-
253	Public building and related furniture .....	285.32	290.60	294.12	295.26	-	7.26	7.32	7.39	7.40	-
254	Partitions and fixtures .....	300.96	310.34	321.70	317.73	-	7.92	8.04	8.27	8.21	-
259	Miscellaneous furniture and fixtures .....	285.43	289.28	289.81	294.00	-	7.30	7.25	7.30	7.35	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
-	<b>TOTAL PRIVATE</b> .....	34.2	34.7	35.0	35.1	35.0	-	-	-	-	-
-	<b>MINING</b> .....	41.3	41.8	43.4	43.2	42.7	-	-	-	-	-
10	<b>METAL MINING</b> .....	39.1	39.3	40.4	40.5	-	-	-	-	-	-
101	Iron ores .....	38.8	39.0	39.4	39.7	-	-	-	-	-	-
102	Copper ores .....	39.3	40.2	41.4	41.6	-	-	-	-	-	-
11, 12	<b>COAL MINING</b> .....	38.8	39.3	41.4	41.1	-	-	-	-	-	-
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	38.9	39.3	41.5	41.2	-	-	-	-	-	-
13	<b>OIL AND GAS EXTRACTION</b> .....	42.6	42.9	44.7	44.3	-	-	-	-	-	-
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	42.0	42.9	43.8	42.1	-	-	-	-	-	-
138	Oil and gas field services .....	42.9	43.0	45.0	45.2	-	-	-	-	-	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	41.1	42.1	42.2	42.8	-	-	-	-	-	-
142	Crushed and broken stone .....	41.0	42.7	41.4	42.7	-	-	-	-	-	-
-	<b>CONSTRUCTION</b> .....	35.4	36.4	36.3	37.0	36.6	-	-	-	-	-
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	35.1	36.3	35.8	36.6	-	-	-	-	-	-
152	Residential building construction .....	34.0	35.0	35.3	35.8	-	-	-	-	-	-
153	Operative builders .....	36.9	39.3	37.6	38.1	-	-	-	-	-	-
154	Nonresidential building construction .....	36.0	37.1	36.2	37.2	-	-	-	-	-	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	38.4	39.6	39.4	40.8	-	-	-	-	-	-
161	Highway and street construction .....	37.8	39.3	37.1	40.0	-	-	-	-	-	-
162	Heavy construction, except highway .....	38.6	39.7	40.1	41.0	-	-	-	-	-	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	34.4	35.3	35.5	35.9	-	-	-	-	-	-
171	Plumbing, heating, air conditioning .....	36.1	36.8	37.5	37.3	-	-	-	-	-	-
172	Painting, paper hanging, decorating .....	32.8	34.2	34.2	34.8	-	-	-	-	-	-
173	Electrical work .....	36.6	37.4	38.4	38.4	-	-	-	-	-	-
174	Masonry, stonework, and plastering .....	31.7	33.4	32.5	34.5	-	-	-	-	-	-
175	Carpentering and flooring .....	33.4	34.7	33.9	34.4	-	-	-	-	-	-
176	Roofing and sheet metal work .....	29.4	30.1	29.3	30.9	-	-	-	-	-	-
-	<b>MANUFACTURING</b> .....	38.8	39.6	40.6	40.7	40.6	2.3	2.5	3.4	3.4	3.4
24, 25, 32-39	<b>DURABLE GOODS</b> .....	39.4	40.1	41.3	41.4	41.3	2.2	2.5	3.5	3.6	3.6
20-23, 26-31	<b>NONDURABLE GOODS</b> ** .....	38.2	38.9	39.5	39.6	39.6	2.4	2.6	3.1	3.1	3.1
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	38.8	39.4	39.4	39.7	39.5	2.5	2.7	2.9	3.0	-
241	Logging camps and logging contractors .....	38.3	39.0	38.1	38.8	-	2.9	3.0	2.6	3.1	-
242	Sawmills and planing mills .....	39.6	40.0	40.8	41.1	-	3.1	3.2	3.8	3.8	-
2421	Sawmills and planing mills, general .....	39.9	40.1	41.0	41.2	-	3.3	3.3	4.0	4.0	-
2426	Hardwood dimension and flooring .....	38.8	39.4	40.5	40.5	-	2.2	2.7	3.2	3.3	-
243	Millwork, plywood, and structural members .....	39.1	39.6	39.7	39.5	-	2.4	2.5	2.9	2.8	-
2431	Millwork .....	39.6	39.8	39.5	39.2	-	1.8	1.8	2.1	2.0	-
2434	Wood kitchen cabinets .....	37.4	38.1	39.7	38.7	-	1.8	2.0	2.8	2.5	-
2435	Hardwood veneer and plywood .....	38.4	38.8	40.5	40.6	-	2.6	2.6	3.6	3.9	-
2436	Softwood veneer and plywood .....	41.0	41.8	40.3	40.4	-	3.8	4.0	4.1	4.2	-
244	Wood containers .....	37.2	37.8	37.8	39.0	-	1.4	1.6	1.9	2.5	-
245	Wood buildings and mobile homes .....	36.5	37.8	35.8	36.7	-	1.4	1.9	1.3	1.6	-
2451	Mobile homes .....	37.9	39.0	36.1	36.6	-	1.7	2.1	1.4	1.7	-
249	Miscellaneous wood products .....	39.2	40.2	39.9	40.1	-	2.0	2.5	2.7	2.7	-
25	<b>FURNITURE AND FIXTURES</b> .....	37.4	38.6	39.0	39.1	39.2	1.5	1.9	2.2	2.3	-
251	Household furniture .....	36.9	38.4	38.3	38.9	-	1.3	1.8	2.0	2.2	-
2511	Wood household furniture .....	36.4	37.9	38.7	39.2	-	1.4	1.7	2.2	2.3	-
2512	Upholstered household furniture .....	36.3	38.0	37.2	37.8	-	.7	1.3	1.4	1.6	-
2514	Metal household furniture .....	39.6	40.2	39.7	40.1	-	2.1	2.9	2.7	2.8	-
2515	Mattresses and bedsprings .....	37.6	39.3	37.8	38.9	-	1.8	1.8	1.4	2.1	-
252	Office furniture .....	37.8	38.8	41.6	40.2	-	1.7	2.0	3.3	2.8	-
253	Public building and related furniture .....	39.3	39.7	39.8	39.9	-	2.5	2.7	2.9	3.1	-
254	Partitions and fixtures .....	38.0	38.6	38.9	38.7	-	2.0	2.2	2.8	2.5	-
259	Miscellaneous furniture and fixtures .....	39.1	39.9	39.7	40.0	-	1.3	1.6	1.6	1.4	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	\$358.54	\$368.85	\$385.69	\$390.10	\$389.16	\$9.10	\$9.13	\$9.43	\$9.40	\$9.40
321	Flat glass	503.10	500.83	546.94	541.73	-	11.95	11.84	12.69	12.54	-
322	Glass and glassware, pressed or blown	390.04	395.60	415.95	415.14	-	9.80	9.89	10.22	10.20	-
3221	Glass containers	408.00	412.09	434.01	432.14	-	10.20	10.38	10.69	10.67	-
3229	Pressed and blown glass, nec	363.66	372.08	395.50	395.50	-	9.23	9.21	9.67	9.67	-
323	Products of purchased glass	328.25	329.43	345.68	342.35	-	8.46	8.34	8.37	8.35	-
324	Cement, hydraulic	519.38	533.39	571.39	564.14	-	12.73	12.73	13.54	13.40	-
325	Structural clay products	286.77	296.87	319.01	318.66	-	7.26	7.33	7.65	7.66	-
326	Pottery and related products	290.27	294.08	315.93	317.60	-	7.52	7.56	8.08	8.00	-
327	Concrete, gypsum, and plaster products	336.30	359.04	365.71	382.55	-	8.69	8.80	9.12	9.13	-
3271	Concrete block and brick	308.07	324.52	322.22	332.42	-	7.76	7.69	7.84	7.84	-
3272	Concrete products, nec	308.85	326.19	339.44	350.10	-	7.76	7.86	8.14	8.18	-
3273	Ready-mixed concrete	349.57	378.10	375.72	402.19	-	9.63	9.77	10.10	10.08	-
329	Misc. nonmetallic mineral products	363.31	370.06	392.62	391.78	-	9.06	9.07	9.26	9.24	-
3291	Abrasive products	340.34	353.28	366.68	370.35	-	8.66	8.81	8.90	8.86	-
3292	Asbestos products	373.93	399.11	422.62	413.60	-	9.21	9.26	9.54	9.53	-
33	<b>PRIMARY METAL INDUSTRIES</b>	450.82	446.23	476.40	481.32	479.45	11.53	11.24	11.37	11.46	11.47
331	Blast furnace and basic steel products	517.24	489.59	523.11	538.90	-	13.72	12.85	12.79	13.08	-
3312	Blast furnaces and steel mills	535.63	502.54	535.41	554.47	-	14.36	13.33	13.22	13.59	-
3317	Steel pipe and tubes	424.63	431.61	458.77	449.85	-	10.75	10.71	10.82	10.66	-
332	Iron and steel foundries	377.30	381.42	422.24	419.33	-	9.80	9.78	10.15	10.08	-
3321	Gray iron foundries	385.45	398.65	437.86	430.14	-	9.96	9.94	10.45	10.34	-
3322	Malleable iron foundries	408.33	416.85	444.96	446.87	-	10.47	10.58	10.80	10.82	-
3326	Steel foundries, nec	349.07	360.05	382.18	388.40	-	9.46	9.45	9.46	9.45	-
333	Primary nonferrous metals	547.55	555.36	563.72	562.80	-	13.29	13.35	13.39	13.40	-
3334	Primary aluminum	581.57	595.14	580.05	583.80	-	14.15	14.17	13.91	14.00	-
335	Nonferrous rolling and drawing	433.24	448.38	477.63	478.07	-	10.49	10.60	10.98	10.99	-
3351	Copper rolling and drawing	372.74	391.73	440.89	454.61	-	8.96	9.11	9.93	10.08	-
3353	Aluminum sheet, plate, and foil	576.16	593.88	621.97	614.51	-	13.85	14.14	14.04	14.03	-
3357	Nonferrous wire drawing and insulating	398.78	411.18	447.20	445.98	-	9.75	9.79	10.40	10.42	-
336	Nonferrous foundries	349.13	358.57	387.11	383.18	-	8.75	8.81	9.13	9.08	-
3361	Aluminum foundries	362.30	369.24	409.54	400.53	-	8.99	9.05	9.48	9.38	-
34	<b>FABRICATED METAL PRODUCTS</b>	354.37	361.10	386.68	387.61	386.68	9.04	9.05	9.34	9.34	9.34
341	Metal cans and shipping containers	493.12	500.86	514.46	528.53	-	11.94	12.04	12.22	12.32	-
3411	Metal cans	515.84	526.26	542.22	553.35	-	12.46	12.59	12.91	13.02	-
342	Cutlery, hand tools, and hardware	337.65	346.66	380.56	375.24	-	8.68	8.71	9.17	9.13	-
3423, 5	Hand and edge tools, and hand saws and blades	309.42	313.86	344.76	344.29	-	8.10	8.11	8.45	8.45	-
3429	Hardware, nec	353.31	363.41	399.84	391.23	-	8.99	9.04	9.92	9.49	-
343	Plumbing and heating, except electric	313.17	313.56	336.96	335.75	-	8.03	8.04	8.32	8.29	-
3432	Plumbing fittings and brass goods	303.42	301.08	337.35	336.46	-	7.78	7.72	8.09	8.03	-
3433	Heating equipment, except electric	305.69	314.70	328.64	324.23	-	7.94	8.09	8.32	8.25	-
344	Fabricated structural metal products	339.57	344.08	353.76	354.56	-	8.82	8.80	8.80	8.82	-
3441	Fabricated structural metal	360.77	359.60	370.87	376.25	-	9.18	9.15	9.18	9.29	-
3442	Metal doors, sash, and trim	259.44	266.04	277.85	278.08	-	6.90	6.91	7.07	7.04	-
3443	Fabricated plate work (boiler shops)	392.82	393.03	411.10	411.68	-	9.97	9.95	9.93	9.92	-
3444	Sheet metal work	342.14	351.12	358.20	353.63	-	8.98	8.98	9.00	8.93	-
3446	Architectural metal work	337.08	350.24	355.37	361.70	-	8.71	8.80	8.84	9.02	-
345	Screw machine products, bolts, etc.	320.71	331.85	375.38	377.99	-	8.33	8.38	8.75	8.77	-
3451	Screw machine products	292.21	303.03	336.91	341.82	-	7.71	7.75	8.06	8.10	-
3452	Bolts, nuts, rivets, and washers	346.71	360.59	415.80	416.75	-	8.89	8.97	9.45	9.45	-
346	Metal forgings and stampings	416.75	426.22	473.06	466.77	-	10.29	10.32	10.90	10.83	-
3462	Iron and steel forgings	441.86	443.45	501.26	503.53	-	11.13	11.17	11.85	11.82	-
3465	Automotive stampings	511.20	520.99	585.96	576.75	-	12.00	12.06	12.85	12.76	-
3469	Metal stampings, nec	315.09	325.60	348.19	343.62	-	8.10	8.14	8.37	8.32	-
347	Metal services, nec	275.93	286.80	304.44	310.01	-	7.13	7.17	7.48	7.47	-
3471	Plating and polishing	272.76	279.89	299.22	303.56	-	7.03	7.05	7.37	7.35	-
3479	Metal coating and allied services	284.54	305.59	317.83	327.12	-	7.41	7.49	7.79	7.77	-
348	Ordnance and accessories, nec	383.80	381.19	412.51	408.46	-	9.43	9.32	9.94	9.89	-
3483	Ammunition, exc. for small arms, nec	364.32	359.77	380.66	373.33	-	8.80	8.69	9.33	9.31	-
349	Misc. fabricated metal products	324.86	332.48	355.78	358.75	-	8.46	8.46	8.72	8.75	-
3494	Valves and pipe fittings	340.86	347.01	380.26	386.46	-	8.97	8.99	9.32	9.38	-
3496	Misc. fabricated wire products	280.08	288.99	314.74	317.09	-	7.39	7.41	7.81	7.81	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	371.94	378.40	414.66	417.48	416.91	9.44	9.46	9.92	9.94	9.95
351	Engines and turbines	450.09	455.50	544.78	545.67	-	11.66	11.62	12.64	12.63	-
3511	Turbines and turbine generator sets	422.62	442.52	462.56	482.78	-	11.24	11.26	11.80	11.95	-
3519	Internal combustion engines, nec	464.51	463.34	575.79	567.63	-	11.88	11.82	12.91	12.93	-
352	Farm and garden machinery	405.73	413.70	425.95	426.01	-	10.22	10.24	10.44	10.34	-
3523	Farm machinery and equipment	424.83	434.84	449.49	450.36	-	10.81	10.79	10.91	10.80	-
353	Construction and related machinery	391.72	395.97	438.78	442.98	-	10.07	10.05	10.65	10.70	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	39.4	40.4	40.9	41.5	41.4	3.1	3.5	4.0	4.3	-
321	Flat glass	42.1	42.3	43.1	43.2	-	3.8	4.0	4.9	4.4	-
322	Glass and glassware, pressed or blown	39.8	40.0	40.7	40.7	-	3.6	3.7	4.1	4.1	-
3221	Glass containers	40.0	39.7	40.6	40.5	-	4.3	4.4	4.6	4.7	-
3229	Pressed and blown glass, nec	39.4	40.4	40.9	40.9	-	2.6	2.7	3.5	3.5	-
323	Products of purchased glass	38.8	39.5	41.3	41.0	-	2.1	2.1	3.6	3.2	-
324	Cement, hydraulic	40.8	41.9	42.2	42.1	-	2.8	3.1	3.5	3.4	-
325	Structural clay products	39.5	40.5	41.7	41.6	-	2.6	2.9	3.6	3.6	-
326	Pottery and related products	38.6	38.9	39.1	39.7	-	1.5	1.7	2.0	2.2	-
327	Concrete, gypsum, and plaster products	38.7	40.8	40.1	41.9	-	3.9	5.0	4.7	5.5	-
3271	Concrete block and brick	39.7	42.2	41.1	42.4	-	4.2	5.8	4.5	5.4	-
3272	Concrete products, nec	39.8	41.5	41.7	42.8	-	3.7	4.5	4.8	5.1	-
3273	Ready-mixed concrete	36.3	38.7	37.2	39.9	-	3.4	4.7	3.7	5.0	-
328	Misc. nonmetallic mineral products	40.1	40.8	42.4	42.4	-	2.5	2.6	3.9	4.1	-
3291	Abrasive products	39.3	40.1	41.2	41.8	-	2.0	1.8	2.8	3.1	-
3292	Asbestos products	40.6	43.1	44.3	43.4	-	1.8	2.6	4.4	4.6	-
33	<b>PRIMARY METAL INDUSTRIES</b>	39.1	39.7	41.9	42.0	41.8	2.3	2.5	4.1	4.1	-
331	Blast furnace and basic steel products	37.7	38.1	40.9	41.2	-	1.6	1.6	3.5	3.6	-
3312	Blast furnaces and steel mills	37.3	37.7	40.5	40.8	-	1.6	1.5	3.4	3.6	-
3317	Steel pipe and tubes	39.5	40.3	42.4	42.2	-	1.9	2.3	3.8	3.7	-
332	Iron and steel foundries	38.5	39.0	41.6	41.6	-	2.1	2.1	4.0	4.0	-
3321	Gray iron foundries	38.7	39.1	41.9	41.6	-	2.3	2.3	4.5	4.4	-
3322	Malleable iron foundries	39.0	39.4	41.2	41.3	-	1.8	1.8	3.6	2.8	-
3325	Steel foundries, nec	36.9	38.1	40.4	41.1	-	1.4	1.5	2.7	3.0	-
333	Primary nonferrous metals	41.2	41.6	42.1	42.0	-	3.3	2.6	3.5	3.4	-
3334	Primary aluminum	41.1	42.0	41.7	41.7	-	3.7	2.8	3.7	3.7	-
335	Nonferrous rolling and drawing	41.3	42.3	43.5	43.5	-	3.4	3.9	5.2	5.4	-
3351	Copper rolling and drawing	41.6	43.0	44.4	45.1	-	2.6	3.4	5.0	6.3	-
3353	Aluminum sheet, plate and foil	41.6	42.0	44.3	43.8	-	4.8	5.4	6.7	5.3	-
3357	Nonferrous wire drawing and insulating	40.9	42.0	43.0	42.8	-	3.1	3.6	4.9	5.1	-
336	Nonferrous foundries	39.9	40.7	42.4	42.2	-	2.6	3.0	4.2	4.0	-
3361	Aluminum foundries	40.3	40.8	43.2	42.7	-	2.5	3.0	4.7	4.2	-
34	<b>FABRICATED METAL PRODUCTS</b>	39.2	39.9	41.4	41.5	41.4	2.0	2.3	3.6	3.6	-
341	Metal cans and shipping containers	41.3	41.6	42.1	42.9	-	3.9	4.1	4.7	5.3	-
3411	Metal cans	41.4	41.8	42.0	42.5	-	4.1	4.2	4.8	5.2	-
342	Cutlery, hand tools, and hardware	38.9	39.8	41.5	41.1	-	1.6	1.9	3.6	3.1	-
3423, 5	Hand and edge tools, and hand saws and blades	38.2	38.7	40.8	40.6	-	1.2	1.3	2.4	2.3	-
3429	Hardware, nec	39.3	40.2	42.0	41.4	-	2.1	2.3	4.4	3.7	-
343	Plumbing and heating, except electric	39.0	39.0	40.5	40.5	-	1.7	1.7	2.6	2.5	-
3432	Plumbing fittings and brass goods	39.0	39.0	41.7	41.9	-	2.1	1.8	3.4	3.2	-
3433	Heating equipment, except electric	38.5	38.9	39.5	39.3	-	.9	1.1	2.0	1.8	-
344	Fabricated structural metal products	38.5	39.1	40.2	40.2	-	1.7	2.0	2.6	2.7	-
3441	Fabricated structural metal	39.3	39.3	40.4	40.5	-	2.5	2.3	2.7	2.8	-
3442	Metal doors, sash, and trim	37.6	38.5	39.3	39.5	-	.9	1.4	2.0	2.1	-
3443	Fabricated plate work (boiler shops)	39.4	39.5	41.4	41.5	-	2.2	2.2	3.0	3.2	-
3444	Sheet metal work	38.1	39.1	39.8	39.6	-	1.5	2.1	3.0	3.0	-
3446	Architectural metal work	38.7	39.8	40.2	40.1	-	1.7	1.8	2.3	2.7	-
345	Screw machine products, bolts, etc.	38.5	39.6	42.9	43.1	-	1.7	2.2	4.7	5.0	-
3451	Screw machine products	37.9	39.1	41.8	42.2	-	1.4	1.7	4.2	4.5	-
3452	Bolts, nuts, rivets, and washers	39.0	40.2	44.0	44.1	-	2.0	2.7	5.2	5.6	-
346	Metal forgings and stampings	40.5	41.3	43.4	43.1	-	2.8	3.2	5.3	5.0	-
3462	Iron and steel forgings	39.7	39.7	42.3	42.6	-	2.3	2.3	4.5	4.5	-
3465	Automotive stampings	42.6	43.2	45.6	45.2	-	3.7	4.3	7.0	6.5	-
3469	Metal stampings, nec	38.9	40.0	41.6	41.3	-	2.0	2.3	3.9	3.7	-
347	Metal services, nec	38.7	40.0	40.7	41.5	-	2.5	2.8	3.5	3.8	-
3471	Plating and polishing	38.8	39.7	40.6	41.3	-	2.6	2.7	3.3	3.6	-
3479	Metal coating and allied services	38.4	40.8	40.8	42.1	-	2.3	3.1	4.0	4.4	-
348	Ordinance and accessories, nec	40.7	40.9	41.5	41.3	-	2.4	2.0	2.9	2.8	-
3483	Ammunition, exc. for small arms, nec	41.4	41.4	40.8	40.1	-	1.8	1.6	2.0	1.6	-
349	Misc. fabricated metal products	38.4	39.3	40.8	41.0	-	1.4	1.7	2.9	2.9	-
3494	Valves and pipe fittings	38.0	38.6	40.8	41.2	-	1.0	1.4	3.0	3.3	-
3496	Misc. fabricated wire products	37.9	39.0	40.3	40.6	-	1.3	1.8	2.8	2.8	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	39.4	40.0	41.8	42.0	41.9	2.0	2.2	3.6	3.8	-
351	Engines and turbines	38.6	39.2	43.1	43.0	-	1.7	1.8	5.5	5.6	-
3511	Turbines and turbine generator sets	37.6	39.3	39.2	40.4	-	2.5	2.8	3.0	3.3	-
3519	Internal combustion engines, nec	39.1	39.2	44.6	43.9	-	1.2	1.2	6.4	6.4	-
352	Farm and garden machinery	39.7	40.4	40.8	41.2	-	2.2	2.5	3.1	3.1	-
3523	Farm machinery and equipment	39.3	40.3	41.2	41.7	-	2.1	2.5	3.2	3.1	-
353	Construction and related machinery	38.9	39.4	41.2	41.4	-	1.5	1.7	2.9	3.2	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings					
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	
	<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>											
3531	Construction machinery .....	\$407.32	\$416.52	\$473.96	\$476.14	-	\$10.26	\$10.31	\$11.56	\$11.67	-	
3532	Mining machinery .....	408.67	414.15	456.21	459.61	-	10.84	10.87	11.10	11.21	-	
3533	Oil field machinery .....	411.86	414.61	455.52	462.89	-	10.48	10.47	10.82	10.79	-	
3535	Conveyers and conveying equipment .....	335.54	342.50	358.80	354.32	-	8.83	8.85	8.97	8.97	-	
3537	Industrial trucks and tractors .....	339.22	338.31	375.87	388.93	-	9.07	8.95	9.35	9.44	-	
354	Metalworking machinery .....	386.28	390.74	430.42	431.57	-	9.73	9.72	10.08	10.06	-	
3541	Machine tools, metal cutting types .....	372.25	376.96	416.42	424.27	-	9.98	9.92	10.01	10.03	-	
3542	Machine tools, metal forming types .....	386.58	396.42	445.84	452.62	-	10.20	10.27	10.59	10.60	-	
3544	Special dies, tools, jigs, and fixtures .....	424.35	429.11	470.21	469.10	-	10.35	10.34	10.76	10.71	-	
3545	Machine tool accessories .....	338.63	345.54	390.27	390.35	-	8.75	8.77	9.27	9.25	-	
3546	Power driven hand tools .....	304.04	298.70	321.19	332.11	-	7.62	7.62	7.97	8.12	-	
355	Special industry machinery .....	361.42	370.40	395.37	401.15	-	9.22	9.26	9.55	9.62	-	
3551	Food products machinery .....	380.56	386.40	417.91	418.84	-	9.61	9.66	10.07	10.02	-	
3552	Textile machinery .....	280.58	287.56	312.33	312.99	-	7.25	7.28	7.49	7.47	-	
3555	Printing trades machinery .....	369.40	377.10	401.44	413.66	-	9.57	9.62	9.65	9.92	-	
356	General industrial machinery .....	364.88	372.49	404.21	409.50	-	9.38	9.43	9.67	9.75	-	
3561	Pumps and pumping equipment .....	383.77	383.76	424.32	435.69	-	9.79	9.84	10.20	10.30	-	
3562	Ball and roller bearings .....	359.50	376.38	421.18	426.95	-	9.01	9.18	9.66	9.77	-	
3563	Air and gas compressors .....	398.58	405.50	387.30	398.45	-	10.22	10.24	9.88	9.79	-	
3564	Blowers and fans .....	340.26	348.94	355.25	352.48	-	8.68	8.68	8.75	8.79	-	
3566	Speed changers, drives, and gears .....	355.88	368.63	423.11	426.83	-	9.75	9.83	10.22	10.31	-	
3568	Power transmission equipment, nec .....	346.13	356.19	409.64	413.84	-	9.23	9.30	9.80	9.83	-	
357	Office and computing machines .....	334.53	341.13	375.28	376.55	-	8.26	8.30	8.83	8.86	-	
3573	Electronic computing equipment .....	334.55	341.55	375.78	374.91	-	8.22	8.25	8.78	8.78	-	
358	Refrigeration and service machinery .....	351.62	357.30	397.17	394.70	-	8.97	9.00	9.64	9.60	-	
3585	Refrigeration and heating equipment .....	367.75	370.67	414.08	409.19	-	9.24	9.29	9.93	9.86	-	
359	Misc. machinery, except electrical .....	363.09	369.72	400.20	403.10	-	9.31	9.36	9.69	9.63	-	
3592	Carburetors, pistons, rings, valves .....	412.24	419.69	480.80	486.78	-	10.41	10.44	11.53	11.53	-	
3599	Machinery, except electrical, nec .....	355.55	361.69	386.46	388.86	-	9.14	9.18	9.38	9.37	-	
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT</b> .....	336.41	344.00	366.27	364.15	\$364.56	9.56	8.60	8.89	8.86	\$8.87	
361	Electric distributing equipment .....	320.38	323.70	341.74	343.40	-	8.30	8.30	8.48	8.50	-	
3612	Transformers .....	320.23	321.50	344.79	350.22	-	8.19	8.16	8.43	8.48	-	
3613	Switchgear and switchboard apparatus .....	319.66	325.08	339.10	338.70	-	8.39	8.40	8.52	8.51	-	
362	Electrical industrial apparatus .....	333.68	339.08	368.59	369.49	-	8.60	8.65	8.99	8.99	-	
3621	Motors and generators .....	345.65	350.54	377.58	374.88	-	8.62	8.72	8.99	8.93	-	
3622	Industrial controls .....	313.04	317.89	344.92	346.26	-	8.37	8.30	8.71	8.70	-	
363	Household appliances .....	326.78	330.72	360.53	363.53	-	8.51	8.48	8.88	8.91	-	
3632	Household refrigerators and freezers .....	384.12	393.31	427.80	413.71	-	9.70	9.64	10.21	10.19	-	
3633	Household laundry equipment .....	398.19	397.20	416.93	451.12	-	10.03	9.98	10.32	10.69	-	
3634	Electric housewares and fans .....	246.18	251.94	261.50	269.00	-	6.60	6.63	6.81	6.81	-	
364	Electric lighting and wiring equipment .....	313.63	323.95	340.23	341.11	-	7.92	7.94	8.38	8.34	-	
3641	Electric lamps .....	383.22	389.73	374.36	380.80	-	9.19	9.17	9.55	9.52	-	
3643	Current-carrying wiring devices .....	286.65	300.03	322.14	324.01	-	7.35	7.39	7.80	7.77	-	
3644	Noncurrent-carrying wiring devices .....	318.72	323.14	331.24	339.49	-	8.11	8.16	8.45	8.53	-	
3645	Residential lighting fixtures .....	245.12	255.23	254.38	260.90	-	6.19	6.18	6.44	6.43	-	
365	Radio and TV receiving equipment .....	312.70	319.59	362.23	353.16	-	8.08	8.05	8.90	8.72	-	
3651	Radio and TV receiving sets .....	326.09	331.85	381.14	371.54	-	8.34	8.38	9.14	9.04	-	
366	Communication equipment .....	404.55	419.40	434.06	437.41	-	10.14	10.33	10.51	10.54	-	
3661	Telephone and telegraph apparatus .....	406.06	411.83	436.80	439.11	-	10.28	10.27	10.50	10.43	-	
3662	Radio and TV communication equipment .....	403.81	423.10	433.42	436.54	-	10.07	10.37	10.52	10.57	-	
367	Electronic components and accessories .....	294.36	300.75	318.84	317.29	-	7.49	7.50	7.72	7.72	-	
3671-3	Electronic tubes .....	380.33	388.80	424.45	419.89	-	9.58	9.60	9.78	9.95	-	
3674	Semiconductors and related devices .....	331.06	336.94	377.45	375.23	-	8.36	8.34	9.03	9.02	-	
3679	Electronic components, nec .....	276.90	283.31	289.87	290.28	-	7.01	7.03	7.07	7.08	-	
369	Misc. electrical equipment and supplies .....	362.18	364.11	415.23	394.83	-	9.10	9.08	9.77	9.56	-	
3691	Storage batteries .....	366.52	373.74	484.20	411.64	-	9.62	9.51	10.76	10.04	-	
3694	Engine electrical equipment .....	381.75	381.35	425.57	420.68	-	9.52	9.51	9.99	10.04	-	
37	<b>TRANSPORTATION EQUIPMENT</b> .....	469.94	480.28	518.23	516.95	522.52	11.49	11.49	12.08	12.05	12.18	
371	Motor vehicles and equipment .....	497.00	505.33	555.97	548.24	-	11.89	11.89	12.55	12.46	-	
3711	Motor vehicles and car bodies .....	552.24	559.34	608.58	604.61	-	13.18	13.13	13.80	13.71	-	
3713	Truck and bus bodies .....	323.36	340.80	384.46	386.63	-	8.27	8.52	9.54	9.57	-	
3714	Motor vehicle parts and accessories .....	472.36	483.21	544.66	532.52	-	11.22	11.29	12.05	11.94	-	
3715	Truck trailers .....	318.59	331.89	368.40	369.70	-	8.34	8.36	8.92	8.93	-	
372	Aircraft and parts .....	479.23	483.55	509.57	519.09	-	11.66	11.68	12.22	12.33	-	
3721	Aircraft .....	515.02	512.93	-	-	-	12.44	12.48	-	-	-	
3724	Aircraft engines and engine parts .....	451.73	463.90	501.65	509.83	-	11.35	11.37	12.03	12.11	-	
3728	Aircraft equipment, nec .....	442.26	451.34	471.75	480.31	-	10.53	10.57	11.10	11.17	-	
373	Ship and boat building and repairing .....	381.24	406.42	426.77	430.97	-	9.98	10.06	10.46	10.41	-	
3731	Shipbuilding and repairing .....	403.86	435.23	464.84	467.52	-	10.60	10.72	11.31	11.32	-	
3732	Boat building and repairing .....	298.38	305.66	307.26	320.67	-	7.71	7.68	7.72	7.69	-	
374	Railroad equipment .....	443.43	434.72	484.62	478.85	-	11.48	11.44	12.30	12.47	-	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>										
3531	Construction machinery .....	39.7	40.4	41.0	40.8	-	1.6	1.8	2.2	2.5	-
3532	Mining machinery .....	37.7	38.1	41.1	41.0	-	1.1	1.2	2.0	2.7	-
3533	Oil field machinery .....	39.3	39.6	42.1	42.9	-	1.9	1.8	4.0	4.5	-
3535	Conveyers and conveying equipment .....	38.0	38.7	40.0	39.5	-	1.3	1.5	2.6	2.4	-
3537	Industrial trucks and tractors .....	37.4	37.8	40.2	41.2	-	1.0	1.4	2.8	3.2	-
354	Metalworking machinery .....	39.7	40.2	42.7	42.9	-	2.6	2.8	4.7	4.9	-
3541	Machine tools, metal cutting types .....	37.3	38.0	41.6	42.3	-	1.3	1.3	3.0	3.5	-
3542	Machine tools, metal forming types .....	37.9	38.6	42.1	42.7	-	1.9	2.0	4.4	4.5	-
3544	Special dies, tools, jigs, and fixtures .....	41.0	41.5	43.7	43.8	-	3.7	3.9	5.7	5.9	-
3545	Machine tool accessories .....	38.7	39.4	42.1	42.2	-	1.4	1.7	4.2	4.2	-
3546	Power driven hand tools .....	39.9	39.2	40.3	40.9	-	2.0	1.8	2.9	3.5	-
355	Special industry machinery .....	39.2	40.0	41.4	41.7	-	1.8	2.1	3.1	3.4	-
3551	Food products machinery .....	39.6	40.0	41.5	41.8	-	1.9	2.0	2.7	2.8	-
3552	Textile machinery .....	38.7	39.5	41.7	41.9	-	1.4	1.5	2.9	3.2	-
3555	Printing trades machinery .....	38.6	39.2	41.6	41.7	-	1.8	2.3	2.9	3.5	-
356	General industrial machinery .....	38.9	39.5	41.8	42.0	-	1.5	1.8	3.5	3.7	-
3561	Pumps and pumping equipment .....	39.2	39.0	41.6	42.3	-	1.4	1.3	3.0	3.7	-
3562	Ball and roller bearings .....	39.9	41.0	43.6	43.7	-	1.9	2.4	4.4	4.4	-
3563	Air and gas compressors .....	39.0	39.6	39.2	40.7	-	1.4	1.7	2.4	2.4	-
3564	Blowers and fans .....	39.2	40.2	40.6	40.1	-	1.3	1.4	2.8	2.8	-
3566	Speed changers, drives, and gears .....	36.5	37.5	41.4	41.4	-	1.0	1.3	3.9	4.1	-
3568	Power transmission equipment, nec .....	37.5	38.3	41.8	42.1	-	1.7	2.1	4.6	4.8	-
357	Office and computing machines .....	40.5	41.1	42.5	42.5	-	2.2	2.4	3.3	3.2	-
3573	Electronic computing equipment .....	40.7	41.4	42.8	42.7	-	2.5	2.7	3.5	3.2	-
358	Refrigeration and service machinery .....	39.2	39.7	41.2	41.2	-	1.6	1.6	3.3	3.3	-
3585	Refrigeration and heating equipment .....	39.8	39.9	41.7	41.5	-	1.8	1.5	3.7	3.5	-
359	Misc. machinery, except electrical .....	39.0	39.5	41.3	41.6	-	2.1	2.4	3.7	3.8	-
3592	Carburetors, pistons, rings, valves .....	39.6	40.2	41.7	42.0	-	2.0	2.2	3.6	3.8	-
3599	Machinery, except electrical, nec .....	38.9	39.4	41.2	41.5	-	2.1	2.4	3.7	3.8	-
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT</b> .....	39.3	40.0	41.2	41.1	41.1	1.9	2.1	3.2	3.1	-
361	Electric distributing equipment .....	38.6	39.0	40.3	40.4	-	1.5	1.6	2.5	2.6	-
3612	Transformers .....	39.1	39.4	40.9	41.3	-	1.6	1.8	2.7	2.8	-
3613	Switchgear and switchboard apparatus .....	38.1	38.7	39.8	39.8	-	1.4	1.5	2.3	2.4	-
362	Electrical industrial apparatus .....	38.8	39.2	41.0	41.1	-	1.7	1.9	3.0	3.1	-
3621	Motors and generators .....	40.1	40.2	42.0	41.7	-	2.1	2.2	3.3	3.4	-
3622	Industrial controls .....	37.4	38.3	39.6	39.8	-	1.3	1.6	2.3	2.7	-
363	Household appliances .....	38.4	39.0	40.6	40.8	-	1.4	1.4	2.8	2.7	-
3632	Household refrigerators and freezers .....	39.6	40.8	41.9	40.6	-	1.0	1.7	2.8	2.3	-
3633	Household laundry equipment .....	39.7	39.8	40.4	42.2	-	1.4	1.3	1.5	3.4	-
3634	Electric housewares and fans .....	37.3	38.0	38.4	39.5	-	1.4	1.2	2.7	2.6	-
364	Electric lighting and wiring equipment .....	39.6	40.8	40.6	40.9	-	1.9	2.4	3.4	3.2	-
3641	Electric lamps .....	41.7	42.5	39.2	40.0	-	2.4	2.6	2.7	2.8	-
3643	Current-carrying wiring devices .....	39.0	40.6	41.3	41.7	-	1.8	2.6	3.8	3.7	-
3644	Noncurrent-carrying wiring devices .....	39.3	39.6	39.2	39.8	-	1.9	1.4	2.2	1.8	-
3645	Residential lighting fixtures .....	39.6	41.3	39.5	40.2	-	1.1	1.9	2.1	2.4	-
365	Radio and TV receiving equipment .....	38.7	39.7	40.7	40.5	-	2.0	1.9	3.0	3.0	-
3651	Radio and TV receiving sets .....	39.1	39.6	41.7	41.1	-	2.2	1.8	3.5	3.5	-
366	Communication equipment .....	39.9	40.6	41.3	41.5	-	2.0	2.2	2.7	2.9	-
3661	Telephone and telegraph apparatus .....	39.5	40.1	41.6	41.9	-	1.8	2.0	3.4	3.6	-
3662	Radio and TV communication equipment .....	40.1	40.8	41.2	41.3	-	2.0	2.3	2.3	2.5	-
367	Electronic components and accessories .....	39.3	40.1	41.3	41.1	-	2.1	2.4	3.5	3.5	-
3671-3	Electronic tubes .....	39.7	40.5	43.4	42.2	-	1.8	1.9	2.8	3.0	-
3674	Semiconductors and related devices .....	39.6	40.4	41.8	41.6	-	2.4	2.8	4.2	4.2	-
3679	Electronic components, nec .....	39.5	40.3	41.0	41.0	-	2.1	2.4	3.4	3.4	-
369	Misc. electrical equipment and supplies .....	39.8	40.1	42.5	41.3	-	2.1	2.0	4.1	3.3	-
3691	Storage batteries .....	38.1	39.3	45.0	41.0	-	1.6	1.5	5.5	2.6	-
3694	Engine electrical equipment .....	40.1	40.1	42.6	41.9	-	2.3	2.1	4.1	3.9	-
37	<b>TRANSPORTATION EQUIPMENT</b> .....	40.9	41.8	42.9	42.9	42.9	3.0	3.3	4.8	4.7	-
371	Motor vehicles and equipment .....	41.8	42.5	44.3	44.0	-	3.4	3.7	6.1	5.7	-
3711	Motor vehicles and car bodies .....	41.9	42.6	44.1	44.1	-	3.7	3.9	6.5	6.2	-
3713	Truck and bus bodies .....	39.1	40.0	40.3	40.4	-	1.5	2.2	2.7	2.7	-
3714	Motor vehicle parts and accessories .....	42.1	42.8	45.2	44.6	-	3.4	3.9	6.3	5.9	-
3715	Truck trailers .....	38.2	39.7	41.3	41.4	-	1.0	1.5	3.6	4.0	-
372	Aircraft and parts .....	41.1	41.4	41.7	42.1	-	2.8	3.0	3.2	3.8	-
3721	Aircraft .....	41.4	41.1	-	-	-	2.7	2.5	-	-	-
3724	Aircraft engines and engine parts .....	39.8	40.8	41.7	42.1	-	2.7	3.2	4.1	4.5	-
3728	Aircraft equipment, nec .....	42.0	42.7	42.5	43.0	-	3.2	3.6	3.8	4.3	-
373	Ship and boat building and repairing .....	38.2	40.4	40.8	41.4	-	2.3	3.0	3.6	3.7	-
3731	Ship building and repairing .....	38.1	40.6	41.1	41.3	-	2.5	3.2	3.9	3.9	-
3732	Boat building and repairing .....	38.7	39.8	39.8	41.7	-	1.8	2.2	2.4	3.0	-
374	Railroad equipment .....	38.6	38.0	39.4	38.4	-	1.1	1.3	1.3	1.5	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>TRANSPORTATION EQUIPMENT—Continued</b>										
376	Guided missiles, space vehicles, parts .....	\$462.18	\$470.41	\$497.12	\$498.12	-	\$11.44	\$11.39	\$11.78	\$11.86	-
3761	Guided missiles and space vehicles .....	476.89	482.23	506.75	507.31	-	11.66	11.62	11.98	12.05	-
379	Miscellaneous transportation equipment .....	385.00	403.68	403.60	390.85	-	10.00	9.87	10.09	9.92	-
3792	Travel trailers and campers .....	325.59	331.30	330.72	327.28	-	8.37	8.16	8.59	8.59	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	335.81	340.49	359.21	357.98	\$358.75	8.48	8.47	8.74	8.71	\$8.75
381	Engineering and scientific instruments .....	354.16	366.68	383.05	385.85	-	8.81	8.90	9.32	9.32	-
382	Measuring and controlling devices .....	333.32	337.11	361.47	357.66	-	8.46	8.47	8.71	8.65	-
3822	Environmental controls .....	304.97	313.50	331.30	336.20	-	7.76	7.76	8.16	8.20	-
3823	Process control instruments .....	327.71	333.08	351.92	364.88	-	8.36	8.39	8.82	8.75	-
3825	Instruments to measure electricity .....	356.80	359.90	392.73	373.63	-	9.01	9.02	9.07	8.96	-
383	Optical instruments and lenses .....	387.86	379.95	414.19	409.07	-	9.02	8.94	9.70	9.58	-
384	Medical instruments and supplies .....	285.38	292.07	310.18	309.83	-	7.28	7.32	7.64	7.65	-
3841	Surgical and medical instruments .....	292.80	298.15	312.17	309.50	-	7.32	7.38	7.67	7.68	-
3842	Surgical appliances and supplies .....	279.85	288.62	307.04	309.32	-	7.25	7.27	7.60	7.60	-
385	Ophthalmic goods .....	239.77	250.49	255.12	255.20	-	6.36	6.39	6.41	6.38	-
386	Photographic equipment and supplies .....	452.28	455.26	475.80	474.85	-	11.14	11.05	11.41	11.36	-
387	Watches, clocks, and watchcases .....	236.36	243.75	255.98	263.49	-	6.22	6.25	6.53	6.49	-
39	<b>MISCELLANEOUS MANUFACTURING</b>										
	<b>INDUSTRIES</b> .....	253.72	263.25	273.47	276.80	274.71	6.73	6.75	7.03	6.99	6.99
391	Jewelry, silverware, and plated ware .....	258.11	273.56	276.37	282.36	-	7.23	7.18	7.51	7.45	-
3911	Jewelry, precious metal .....	249.91	264.38	264.83	275.27	-	7.12	7.05	7.46	7.46	-
393	Musical instruments .....	259.90	262.81	261.80	271.08	-	6.63	6.62	6.73	6.76	-
394	Toys and sporting goods .....	243.90	249.48	251.37	256.64	-	6.27	6.30	6.38	6.40	-
3942, 4	Dolls, games, toys, and children's vehicles .....	227.08	236.38	225.67	241.70	-	5.96	6.03	5.97	6.15	-
3949	Sporting and athletic goods, nec .....	257.80	262.25	273.77	270.35	-	6.51	6.54	6.71	6.61	-
395	Pens, pencils, office and art supplies .....	269.04	275.77	295.73	297.60	-	6.97	6.86	7.32	7.33	-
396	Costume jewelry and notions .....	199.50	208.25	212.29	221.09	-	5.70	5.69	5.93	5.88	-
3961	Costume jewelry .....	172.48	183.38	176.88	191.69	-	5.34	5.30	5.28	5.31	-
399	Miscellaneous manufactures .....	274.32	286.44	307.20	307.89	-	7.20	7.27	7.68	7.64	-
3993	Signs and advertising displays .....	298.76	313.20	329.60	321.20	-	7.76	7.83	8.24	8.05	-
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS **</b> .....	312.24	316.61	330.17	327.32	328.94	8.11	8.16	8.38	8.35	8.37
201	Meat products .....	282.00	289.91	281.44	276.95	-	7.52	7.53	7.31	7.25	-
2011	Meat packing plants .....	352.63	361.90	332.86	328.75	-	8.86	8.87	8.28	8.26	-
2013	Sausages and other prepared meats .....	342.14	353.19	347.88	341.61	-	8.91	9.01	8.92	8.85	-
2016	Poultry dressing plants .....	182.35	187.95	200.20	196.93	-	5.24	5.25	5.47	5.44	-
202	Dairy products .....	336.04	338.99	354.78	354.84	-	8.38	8.37	8.76	8.74	-
2022	Cheese, natural and processed .....	308.00	310.34	316.42	326.49	-	8.00	8.04	8.24	8.35	-
2026	Fluid milk .....	352.64	353.50	372.80	370.71	-	8.58	8.58	8.94	8.89	-
203	Preserved fruits and vegetables .....	281.12	279.32	300.29	299.53	-	7.34	7.37	7.68	7.70	-
2032	Canned specialties .....	323.79	338.84	378.68	383.39	-	8.41	8.60	8.91	9.42	-
2033	Canned fruits and vegetables .....	288.04	292.92	315.22	310.45	-	7.56	7.53	7.96	7.94	-
2037	Frozen fruits and vegetables .....	275.93	261.75	273.78	276.91	-	6.83	6.87	7.02	7.23	-
204	Grain mill products .....	392.20	391.70	383.51	411.03	-	9.25	9.26	9.54	9.74	-
2041	Flour and other grain mill products .....	429.07	436.11	448.63	446.29	-	9.43	9.46	10.15	10.12	-
2048	*Prepared feeds, nec .....	313.44	314.39	344.65	317.01	-	7.41	7.38	8.86	7.53	-
205	Bakery products ** .....	324.75	329.24	349.76	350.29	-	8.66	8.71	9.18	9.17	-
2051	Bread, cake, and related products ** .....	323.88	330.75	341.30	342.75	-	8.73	8.82	9.15	9.14	-
2052	Cookies and crackers .....	327.79	324.56	369.87	369.60	-	8.47	8.43	9.27	9.24	-
206	Sugar and confectionery products .....	303.42	312.39	323.60	329.24	-	7.80	8.01	7.99	8.19	-
2061-3	Cane and beet sugar .....	390.71	410.86	405.86	419.31	-	9.15	9.69	9.33	9.82	-
2065	Confectionery products .....	246.56	258.54	267.54	275.26	-	6.70	6.95	6.86	7.04	-
207	Fats and oils .....	362.93	359.52	401.41	393.64	-	8.58	8.56	8.98	9.07	-
208	Beverages .....	396.76	403.13	427.85	423.72	-	10.07	10.18	10.75	10.70	-
2082	Malt beverages .....	558.59	564.44	636.08	617.95	-	13.46	13.70	14.69	14.54	-
2086	Bottled and canned soft drinks .....	291.07	294.90	307.58	308.27	-	7.58	7.64	8.01	8.07	-
209	Misc. foods and kindred products .....	261.72	264.25	279.00	283.88	-	7.21	7.22	7.50	7.51	-
21	<b>TOBACCO MANUFACTURES</b> .....	339.64	378.61	409.19	401.82	421.87	9.96	10.43	10.74	11.10	11.28
211	Cigarettes .....	401.80	445.32	496.51	481.06	-	12.25	12.37	12.93	13.40	-
22	<b>TEXTILE MILL PRODUCTS</b> .....	236.07	242.57	257.92	260.65	259.37	6.10	6.11	6.40	6.42	6.42
221	Weaving mills, cotton .....	252.01	256.00	269.74	273.51	-	6.38	6.40	6.71	6.77	-
222	Weaving mills, synthetics .....	255.96	259.35	286.21	285.25	-	6.48	6.50	6.88	6.89	-
223	Weaving and finishing mills, wool .....	242.94	251.86	281.15	284.93	-	6.31	6.36	6.71	6.72	-
224	Narrow fabric mills .....	216.00	229.25	242.00	244.22	-	5.76	5.76	6.05	6.06	-
225	Knitting mills .....	203.84	212.62	224.26	226.98	-	5.60	5.61	5.84	5.85	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
376	Guided missiles, space vehicles, parts .....	40.4	41.3	42.2	42.0	-	2.7	2.9	3.6	3.4	-
3761	Guided missiles and space vehicles .....	40.9	41.5	42.3	42.1	-	2.9	3.0	3.7	3.4	-
379	Miscellaneous transportation equipment .....	38.5	40.9	40.0	39.4	-	3.5	3.6	3.2	2.7	-
3792	Travel trailers and campers .....	38.9	40.6	38.5	38.1	-	1.9	3.1	2.2	2.5	-
<b>INSTRUMENTS AND RELATED PRODUCTS</b>											
38	Engineering and scientific instruments .....	39.6	40.2	41.1	41.1	41.0	1.6	1.8	2.4	2.4	-
381	Measuring and controlling devices .....	40.2	41.2	41.1	41.4	-	2.1	2.5	2.8	2.6	-
382	Environmental controls .....	39.4	39.8	41.5	41.3	-	1.2	1.5	2.1	2.3	-
3822	Process control instruments .....	39.3	40.4	40.6	41.0	-	1.8	2.2	2.7	2.8	-
3823	Instruments to measure electricity .....	39.2	39.7	39.9	41.7	-	1.1	1.2	1.5	2.4	-
3825	Optical instruments and lenses .....	39.6	39.9	43.3	41.7	-	1.0	1.3	2.0	1.9	-
383	Medical instruments and supplies .....	43.0	42.5	42.7	42.7	-	2.7	2.4	3.1	3.1	-
384	Surgical and medical instruments .....	39.2	39.9	40.6	40.5	-	1.6	1.9	2.6	2.4	-
3841	Surgical appliances and supplies .....	40.0	40.4	40.7	40.3	-	2.0	2.1	2.8	2.4	-
3842	Ophthalmic goods .....	38.6	39.7	40.4	40.7	-	1.4	1.8	2.5	2.4	-
385	Photographic equipment and supplies .....	37.7	39.2	39.8	40.0	-	1.2	1.6	1.4	1.5	-
386	Watches, clocks, and watchcases .....	40.6	41.2	41.7	41.8	-	1.5	1.7	2.5	2.5	-
387	Watches, clocks, and watchcases .....	38.0	39.0	39.2	40.6	-	2.4	2.3	2.8	2.7	-
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>											
39	Jewelry, silverware, and plated ware .....	37.7	39.0	38.9	39.6	39.3	1.5	1.8	2.1	2.1	-
391	Jewelry, precious metal .....	35.7	38.1	36.8	37.9	-	1.1	1.6	1.5	1.3	-
3911	Musical instruments .....	35.1	37.5	35.5	36.9	-	1.2	1.5	1.4	1.3	-
393	Toys and sporting goods .....	39.2	39.7	38.9	40.1	-	1.0	1.1	1.2	1.5	-
394	Dolls, games, toys, and children's vehicles .....	38.9	39.6	39.4	40.1	-	1.8	1.8	2.3	2.3	-
3942, 4	Sporting and athletic goods, nec .....	38.1	39.2	37.8	39.3	-	1.3	1.5	1.6	1.8	-
3949	Pens, pencils, office and art supplies .....	39.6	40.1	40.8	40.9	-	2.1	2.1	2.8	2.7	-
395	Costume jewelry and notions .....	38.6	40.2	40.4	40.6	-	1.6	1.9	2.1	2.1	-
396	Costume jewelry .....	35.0	36.6	35.8	37.6	-	1.3	2.0	1.9	2.1	-
3961	Miscellaneous manufactures .....	32.3	34.6	33.5	36.1	-	1.3	2.1	1.7	1.9	-
399	Signs and advertising displays .....	38.1	39.4	40.0	40.3	-	1.6	2.0	2.3	2.4	-
3993	Signs and advertising displays .....	38.5	40.0	40.0	39.9	-	1.8	2.5	2.8	2.6	-
<b>NONDURABLE GOODS</b>											
<b>FOOD AND KINDRED PRODUCTS</b>											
20	Meat products .....	38.5	38.8	39.4	39.2	39.3	2.9	3.0	3.5	3.3	-
201	Meat packing plants .....	37.5	38.5	38.5	38.2	-	2.6	3.0	3.0	2.8	-
2011	Sausages and other prepared meats .....	39.8	40.8	40.2	39.8	-	3.4	4.0	3.7	3.4	-
2013	Poultry dressing plants .....	38.4	39.2	38.6	38.6	-	2.6	3.1	2.8	2.5	-
2016	Dairy products .....	34.8	35.8	36.6	36.2	-	1.9	2.1	2.4	2.2	-
202	Cheese, natural and processed .....	40.1	40.5	40.5	40.6	-	3.3	3.5	3.7	3.6	-
2022	Fluid milk .....	38.5	38.6	38.4	39.1	-	2.9	3.2	3.0	3.2	-
2026	Preserved fruits and vegetables .....	41.1	41.2	41.7	41.7	-	3.8	3.8	4.1	4.0	-
203	Canned specialties .....	38.3	37.9	39.1	38.9	-	2.5	2.3	3.8	3.3	-
2032	Canned fruits and vegetables .....	38.5	39.4	42.5	40.7	-	3.0	3.1	5.8	5.2	-
2033	Frozen fruits and vegetables .....	38.1	38.9	39.6	39.1	-	1.9	2.1	3.4	2.7	-
2037	Grain mill products .....	40.4	38.1	39.0	38.3	-	2.8	1.8	4.2	3.1	-
204	Flour and other grain mill products .....	42.4	42.3	40.2	42.2	-	4.7	4.7	4.1	4.7	-
2041	Prepared feeds, nec .....	45.5	46.1	44.2	44.1	-	5.9	6.3	6.0	6.4	-
2048	Bakery products .....	42.3	42.6	38.9	42.1	-	5.2	5.2	3.3	4.7	-
205	Bread, cake, and related products .....	37.5	37.8	38.1	38.2	-	2.8	2.8	2.6	2.9	-
2051	Cookies and crackers .....	37.1	37.5	37.3	37.5	-	2.8	2.9	2.7	3.0	-
2052	Sugar and confectionery products .....	38.7	38.5	39.9	40.0	-	2.8	2.6	2.4	2.5	-
206	Cane and beet sugar .....	38.9	39.0	40.5	40.2	-	2.6	2.5	3.5	2.8	-
2061-3	Confectionery products .....	42.7	42.4	43.5	42.7	-	5.1	4.9	5.8	4.5	-
2065	Fats and oils .....	36.8	37.2	39.0	39.1	-	1.5	1.5	2.2	2.1	-
207	Beverages .....	42.3	42.0	44.7	43.4	-	4.5	4.4	6.1	5.1	-
208	Malt beverages .....	39.4	39.6	39.8	39.6	-	2.9	3.1	3.0	2.8	-
2082	Bottled and canned soft drinks .....	41.5	41.2	43.3	42.5	-	4.8	4.9	4.9	4.2	-
2086	Misc. foods and kindred products .....	38.4	38.6	38.4	38.2	-	2.2	2.4	2.2	2.3	-
209	Misc. foods and kindred products .....	36.3	36.6	37.2	37.8	-	2.5	2.6	3.2	3.6	-
<b>TOBACCO MANUFACTURES</b>											
21	Cigarettes .....	34.1	36.3	38.1	36.2	37.4	.7	.8	1.1	.7	-
211	Cigarettes .....	32.8	36.0	38.4	35.9	-	.5	.6	.9	.6	-
<b>TEXTILE MILL PRODUCTS</b>											
22	Weaving mills, cotton .....	38.7	39.7	40.3	40.6	40.4	2.6	3.1	3.6	3.6	-
221	Weaving mills, synthetics .....	39.5	40.0	40.2	40.4	-	3.2	3.4	3.8	3.8	-
222	Weaving and finishing mills, wool .....	39.5	39.9	41.6	41.4	-	2.4	2.8	4.0	3.9	-
223	Narrow fabric mills .....	38.5	39.6	41.9	42.4	-	3.6	3.5	4.1	4.5	-
224	Knitting mills .....	37.5	39.8	40.0	40.3	-	1.7	1.9	2.7	2.8	-
225	Knitting mills .....	36.4	37.9	38.4	38.8	-	1.9	2.3	2.7	2.6	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>TEXTILE MILL PRODUCTS—Continued</b>										
2251	Women's hosiery, except socks	\$204.12	\$207.82	\$228.10	\$227.83	-	\$5.40	\$5.37	\$5.76	\$5.71	-
2252	Hosiery, nec	199.82	202.88	200.39	208.50	-	5.43	5.41	5.49	5.56	-
2253	Knit outerwear mills	180.15	196.75	206.79	214.14	-	5.41	5.42	5.65	5.68	-
2254	Knit underwear mills	189.92	197.58	205.70	207.20	-	5.32	5.34	5.50	5.57	-
2257	Circular knit fabric mills	252.72	245.00	270.63	264.04	-	6.24	6.25	6.49	6.44	-
226	Textile finishing, except wool	259.24	269.86	274.32	288.06	-	6.53	6.55	6.74	6.81	-
2261	Finishing plants, cotton	264.77	275.39	280.71	292.14	-	6.57	6.62	6.83	6.89	-
2262	Finishing plants, synthetics	266.66	273.36	278.56	294.58	-	6.82	6.80	7.07	7.15	-
227	Floor covering mills	248.58	260.41	258.80	264.04	-	6.23	6.29	6.47	6.44	-
228	Yarn and thread mills	227.13	233.86	248.26	247.66	-	5.75	5.76	6.07	6.07	-
2281	Yarn mills, except wool	229.60	236.16	254.98	252.95	-	5.74	5.76	6.10	6.11	-
2282	Throwing and winding mills	207.57	214.27	217.62	221.13	-	5.55	5.58	5.85	5.85	-
229	Miscellaneous textile goods	269.34	275.78	306.01	301.18	-	6.70	6.71	7.10	7.07	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	185.48	190.28	198.91	200.38	\$201.85	5.33	5.33	5.51	5.46	\$5.50
231	Men's and boys' suits and coats	197.42	212.72	233.05	235.52	-	6.15	6.22	6.42	6.40	-
232	Men's and boys' furnishings	175.29	178.47	185.93	187.86	-	4.91	4.93	5.08	5.05	-
2321	Men's and boys' shirts and nightwear	167.32	171.36	174.57	179.33	-	4.74	4.76	4.89	4.86	-
2327	Men's and boys' separate trousers	179.14	180.36	195.43	193.91	-	4.99	5.01	5.17	5.13	-
2328	Men's and boys' work clothing	174.80	178.72	186.98	187.00	-	4.91	4.91	5.04	5.03	-
233	Women's and misses' outerwear	175.21	180.44	189.81	190.62	-	5.23	5.23	5.47	5.40	-
2331	Women's and misses' blouses and waists	164.46	168.90	174.00	175.35	-	4.88	4.91	5.00	5.01	-
2335	Women's and misses' dresses	174.30	179.28	187.15	192.08	-	5.43	5.40	5.62	5.60	-
2337	Women's and misses' suits and coats	185.82	190.62	204.62	205.10	-	5.70	5.69	6.09	6.05	-
2339	Women's and misses' outerwear, nec	176.70	183.32	189.85	191.14	-	5.02	5.05	5.23	5.18	-
234	Women's and children's undergarments	164.36	172.89	181.36	186.87	-	4.82	4.87	5.01	5.01	-
2341	Women's and children's underwear	162.18	171.24	177.74	184.01	-	4.77	4.81	4.91	4.92	-
2342	Brassieres and allied garments	175.77	181.82	200.74	202.58	-	5.08	5.18	5.53	5.49	-
236	Children's outerwear	167.25	167.43	177.61	185.13	-	4.82	4.77	4.92	4.95	-
2361	Children's dresses and blouses	166.08	165.43	174.17	183.14	-	4.80	4.74	4.92	4.91	-
238	Misc. apparel and accessories	182.35	191.66	196.74	200.25	-	5.24	5.28	5.39	5.34	-
239	Misc. fabricated textile products	241.39	243.32	247.30	244.86	-	6.42	6.32	6.44	6.36	-
2391	Curtains and draperies	171.11	185.76	187.67	193.26	-	4.82	4.85	5.17	5.14	-
2392	House furnishing, nec	199.50	200.63	207.55	214.27	-	5.32	5.35	5.52	5.58	-
2396	Automotive and apparel trimmings	443.35	426.54	415.33	387.65	-	10.92	10.48	10.13	9.74	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	396.62	406.14	440.48	438.01	436.65	9.65	9.67	10.22	10.21	10.25
261, 2.6	Paper and pulp mills	490.85	496.95	543.29	543.42	-	11.31	11.32	12.10	12.13	-
262	Paper mills, except building paper	495.82	501.48	543.46	544.95	-	11.32	11.32	12.05	12.11	-
263	Paperboard mills	488.99	503.22	558.84	554.46	-	11.56	11.73	12.53	12.63	-
264	Misc. converted paper products	343.88	351.46	376.68	375.36	-	8.47	8.51	8.99	8.98	-
2641	Paper coating and glazing	400.79	408.96	436.29	434.85	-	9.52	9.60	10.17	10.16	-
2642	Envelopes	308.90	317.18	335.36	338.25	-	7.84	7.89	8.26	8.21	-
2643	Bags, except textile bags	321.91	321.96	357.84	353.64	-	7.89	7.93	8.40	8.40	-
265	Paperboard containers and boxes	328.77	342.63	368.38	366.66	-	8.43	8.46	8.75	8.73	-
2651	Folding paperboard boxes	339.30	350.21	380.33	378.48	-	8.70	8.69	8.97	8.97	-
2653	Corrugated and solid fiber boxes	340.73	356.65	388.76	387.90	-	8.67	8.72	9.02	9.00	-
2654	Sanitary food containers	318.80	326.02	348.61	335.75	-	7.99	8.03	8.34	8.23	-
27	<b>PRINTING AND PUBLISHING</b>	330.83	338.63	348.00	349.68	352.47	8.99	9.03	9.28	9.30	9.30
271	Newspapers	300.30	303.45	310.42	312.29	-	9.10	9.14	9.35	9.35	-
272	Periodicals	343.73	353.25	372.25	369.89	-	9.29	9.37	9.98	9.97	-
273	Books	313.56	317.52	331.69	338.40	-	8.23	8.10	8.44	8.46	-
2731	Book publishing	306.02	303.03	297.91	305.25	-	7.99	7.81	8.03	7.97	-
2732	Book printing	322.91	335.47	367.33	375.01	-	8.52	8.45	8.83	8.95	-
274	Miscellaneous publishing	291.70	292.99	290.72	298.91	-	7.97	7.94	8.33	8.42	-
275	Commercial printing	352.26	363.72	369.76	370.33	-	9.27	9.35	9.53	9.52	-
2751	Commercial printing, letterpress	335.15	343.04	348.53	349.20	-	8.89	8.91	9.10	9.07	-
2752	Commercial printing, lithographic	357.58	370.72	377.33	378.30	-	9.41	9.53	9.70	9.70	-
276	Manifold business forms	358.89	362.91	400.90	391.52	-	9.04	9.05	9.50	9.48	-
278	Blankbooks and bookbinding	262.55	275.22	293.83	286.30	-	7.02	7.13	7.42	7.36	-
279	Printing trade services	411.44	418.62	428.16	457.30	-	11.12	10.93	11.15	11.49	-
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	425.77	428.07	457.80	457.38	456.29	10.41	10.39	10.90	10.89	10.89
281	Industrial inorganic chemicals	470.35	471.91	511.41	514.31	-	11.50	11.51	12.09	12.13	-
2819	Industrial inorganic chemicals, nec	477.02	475.94	519.52	516.67	-	11.55	11.58	12.11	12.10	-
282	Plastics materials and synthetics	423.12	427.87	457.50	461.98	-	10.32	10.31	10.79	10.87	-
2821	Plastics materials and resins	466.07	469.69	509.95	517.14	-	11.15	11.13	11.75	11.78	-
2824	Organic fibers, noncellulosic	400.66	406.81	433.25	440.16	-	9.82	9.85	10.34	10.48	-
283	Drugs	392.23	391.00	412.05	412.27	-	9.59	9.56	10.05	10.08	-
2834	Pharmaceutical preparations	369.26	374.95	390.57	390.83	-	9.14	9.19	9.62	9.65	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
		<b>TEXTILE MILL PRODUCTS—Continued</b>									
2251	Women's hosiery, except socks	37.8	38.7	39.6	39.9	-	2.0	2.3	3.7	3.6	-
2252	Hosiery, nec	36.8	37.5	36.5	37.5	-	1.7	1.9	1.6	1.7	-
2253	Knit outerwear mills	33.3	36.3	36.6	37.7	-	1.3	2.0	1.8	2.0	-
2254	Knit underwear mills	35.7	37.0	37.4	37.2	-	1.3	1.4	1.3	1.4	-
2257	Circular knit fabric mills	40.5	39.2	41.7	41.0	-	3.5	2.9	4.3	3.8	-
226	Textile finishing, except wool	39.7	41.2	40.7	42.3	-	3.3	4.2	3.9	4.5	-
2261	Finishing plants, cotton	40.3	41.6	41.1	42.4	-	3.8	4.8	3.7	4.4	-
2262	Finishing plants, synthetics	39.1	40.2	39.4	41.2	-	3.4	3.6	3.6	4.1	-
227	Floor covering mills	39.9	41.4	40.0	41.0	-	3.3	4.3	4.0	4.0	-
228	Yarn and thread mills	39.5	40.6	40.9	40.8	-	3.1	3.4	4.0	3.9	-
2281	Yarn mills, except wool	40.0	41.0	41.8	41.4	-	3.4	3.7	4.5	4.4	-
2282	Throwing and winding mills	37.4	38.4	37.2	37.8	-	2.4	2.7	2.8	2.8	-
229	Miscellaneous textile goods	40.2	41.1	43.1	42.6	-	2.4	2.9	4.5	4.1	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	34.8	35.7	36.1	36.7	36.7	1.0	1.2	1.3	1.5	-
231	Men's and boys' suits and coats	32.1	34.2	36.3	36.8	-	.3	.4	1.1	1.3	-
232	Men's and boys' furnishings	35.7	36.2	36.6	37.2	-	1.0	1.1	1.4	1.3	-
2321	Men's and boys' shirts and nightwear	35.3	36.0	35.7	36.9	-	.7	1.0	.9	1.1	-
2327	Men's and boys' separate trousers	35.9	36.0	37.8	37.8	-	1.1	1.2	1.4	1.5	-
2328	Men's and boys' work clothing	35.6	36.4	37.1	37.4	-	1.2	1.2	.9	1.1	-
233	Women's and misses' outerwear	33.5	34.5	34.7	35.3	-	1.0	1.2	1.2	1.6	-
2331	Women's and misses' blouses and waists	33.7	34.4	34.8	35.0	-	1.1	1.3	1.0	1.3	-
2335	Women's and misses' dresses	32.1	33.2	33.3	34.3	-	.8	1.0	.9	1.2	-
2337	Women's and misses' suits and coats	32.6	33.5	33.6	33.9	-	.7	.8	1.1	1.2	-
2339	Women's and misses' outerwear, nec	35.2	36.3	36.3	36.9	-	1.3	1.5	1.7	2.1	-
234	Women's and children's undergarments	34.1	35.5	36.2	37.3	-	.6	1.0	1.3	1.5	-
2341	Women's and children's underwear	34.0	35.6	36.2	37.4	-	.7	1.1	1.3	1.5	-
2342	Brassieres and allied garments	34.6	35.1	36.3	36.9	-	.3	.6	1.2	1.4	-
236	Children's outerwear	34.7	35.1	36.1	37.4	-	1.1	1.0	1.0	1.4	-
2361	Children's dresses and blouses	34.6	34.9	35.4	37.3	-	1.1	.9	1.0	1.5	-
238	Misc. apparel and accessories	34.8	36.3	36.5	37.5	-	1.2	1.6	1.2	1.5	-
239	Misc. fabricated textile products	37.6	38.5	38.4	38.5	-	1.5	1.7	2.0	1.9	-
2391	Curtains and draperies	35.5	38.3	36.3	37.6	-	.3	1.0	1.0	1.6	-
2392	House furnishings, nec	37.5	37.5	37.6	38.4	-	1.7	1.7	1.6	1.9	-
2396	Automotive and apparel trimmings	40.6	40.7	41.0	39.8	-	3.3	2.7	4.0	2.7	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	41.1	42.0	43.1	42.9	42.6	3.8	4.1	4.9	4.7	-
261, 2, 6	Paper and pulp mills	43.4	43.9	44.9	44.8	-	5.7	5.8	6.8	6.6	-
262	Paper mills, except building paper	43.8	44.3	45.1	45.0	-	5.8	5.9	6.8	6.6	-
263	Paperboard mills	42.3	42.9	44.6	43.9	-	6.2	6.7	7.2	7.1	-
264	Misc. converted paper products	40.6	41.3	41.9	41.8	-	2.6	2.7	3.3	3.2	-
2641	Paper coating and glazing	42.1	42.6	42.9	42.8	-	2.3	2.6	3.4	3.2	-
2642	Envelopes	39.4	40.2	40.6	41.2	-	1.9	2.1	3.2	3.4	-
2643	Bags, except textile bags	40.8	40.6	42.6	42.1	-	3.0	2.6	3.7	3.4	-
265	Paperboard containers and boxes	39.0	40.5	42.1	42.0	-	2.5	3.1	3.9	3.9	-
2651	Folding paperboard boxes	39.0	40.3	42.4	42.1	-	2.2	2.9	4.0	3.8	-
2653	Corrugated and solid fiber boxes	39.3	40.9	43.1	43.1	-	3.0	3.5	4.5	4.6	-
2654	Sanitary food containers	39.9	40.6	41.8	40.5	-	2.1	2.7	3.1	2.7	-
27	<b>PRINTING AND PUBLISHING</b>	36.8	37.5	37.5	37.6	37.9	2.1	2.4	2.6	2.7	-
271	Newspapers	33.0	33.2	33.2	33.4	-	1.3	1.2	1.3	1.4	-
272	Periodicals	37.0	37.7	37.3	37.1	-	2.1	2.3	2.4	2.4	-
273	Books	38.1	39.2	39.3	40.0	-	2.2	3.1	3.1	3.5	-
2731	Book publishing	38.3	38.8	37.1	39.3	-	1.4	2.0	1.8	2.0	-
2732	Book printing	37.9	39.7	41.6	41.9	-	3.2	4.4	4.6	5.2	-
274	Miscellaneous publishing	36.6	36.9	34.9	35.5	-	1.6	1.6	1.2	1.4	-
275	Commercial printing	38.0	38.9	38.8	39.9	-	2.5	3.0	3.0	3.2	-
2751	Commercial printing, letterpress	37.7	38.5	38.3	38.5	-	2.4	2.6	2.7	3.0	-
2752	Commercial printing, lithographic	38.0	38.9	38.9	39.0	-	2.5	3.0	3.1	3.3	-
276	Manifold business forms	39.7	40.1	42.2	41.3	-	2.5	2.4	4.2	3.4	-
278	Blankbooks and bookbinding	37.4	38.6	39.6	38.9	-	1.5	2.0	2.5	1.9	-
279	Printing trade service	37.0	38.3	38.4	39.8	-	2.9	3.7	3.1	4.3	-
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	40.9	41.2	42.0	42.0	41.9	2.8	2.9	3.4	3.4	-
281	Industrial inorganic chemicals	40.9	41.0	42.3	42.4	-	2.6	2.5	3.2	3.4	-
2819	Industrial inorganic chemicals, nec	41.3	41.1	42.9	42.7	-	2.7	2.4	3.2	3.4	-
282	Plastics materials and synthetics	41.0	41.5	42.4	42.5	-	2.9	2.8	3.4	3.9	-
2821	Plastics materials and resins	41.8	42.2	43.4	43.9	-	3.6	3.5	4.5	5.3	-
2824	Organic fibers, noncellulosic	40.8	41.3	41.9	42.0	-	2.4	2.3	2.8	3.0	-
283	Drugs	40.9	40.9	41.0	40.9	-	2.8	2.9	2.9	2.7	-
2834	Pharmaceutical preparations	40.4	40.8	40.6	40.5	-	2.7	2.9	2.7	2.6	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
284	Soap, cleaners, and toilet goods .....	\$385.01	\$387.87	\$414.41	\$405.41	-	\$9.53	\$9.53	\$10.01	\$9.84	-
2841	Soap and other detergents .....	526.87	525.16	566.81	554.69	-	12.31	12.27	13.03	12.84	-
2844	Toilet preparations .....	302.24	305.36	330.04	323.19	-	7.73	7.77	8.21	8.10	-
2842, 3	Polishing, sanitation, and finishing preparations .....	358.09	367.34	379.14	377.98	-	9.02	9.07	9.27	9.13	-
285	Paints and allied products .....	370.80	373.82	394.01	402.41	-	9.27	9.23	9.61	9.65	-
286	Industrial organic chemicals .....	517.48	522.90	568.10	561.56	-	12.38	12.45	13.12	13.03	-
2865	Cyclic crudes and intermediates .....	483.55	479.40	529.94	524.57	-	11.91	11.75	12.44	12.46	-
2861, 9	Gum, wood, and industrial organic chemicals, nec .....	528.34	536.78	579.42	571.94	-	12.52	12.66	13.32	13.27	-
287	Agricultural chemicals .....	419.09	420.16	453.26	458.15	-	10.05	9.98	10.69	10.63	-
289	Miscellaneous chemical products .....	382.15	387.86	417.92	411.16	-	9.53	9.46	9.88	9.86	-
	<b>PETROLEUM AND COAL PRODUCTS **</b>	573.73	584.32	594.03	584.21	\$599.35	13.25	13.28	13.47	13.43	\$13.56
291	Petroleum refining .....	620.10	633.59	644.47	634.66	-	14.19	14.27	14.45	14.43	-
295	Paving and roofing materials .....	385.48	399.60	415.23	416.78	-	9.20	9.25	9.77	9.67	-
	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b>	314.03	321.55	344.40	344.80	341.52	7.91	7.92	8.20	8.19	8.19
301	Tires and inner tubes .....	496.76	499.15	572.16	578.85	-	11.97	11.97	12.80	12.75	-
302	Rubber and plastics footwear .....	185.28	188.49	208.12	212.90	-	5.09	5.15	5.19	5.18	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting .....	323.20	321.58	359.50	360.32	-	8.08	8.08	8.38	8.36	-
306	Fabricated rubber products, nec .....	293.61	299.30	330.68	329.80	-	7.49	7.52	7.93	7.89	-
307	Miscellaneous plastics products .....	285.59	295.48	311.17	311.58	-	7.23	7.26	7.48	7.43	-
	<b>LEATHER AND LEATHER PRODUCTS</b>	190.30	197.06	208.09	209.79	205.82	5.50	5.52	5.67	5.67	5.67
311	Leather tanning and finishing .....	287.90	299.55	286.38	292.25	-	7.42	7.47	7.40	7.38	-
314	Footwear, except rubber .....	176.59	182.52	196.20	195.84	-	5.24	5.26	5.42	5.41	-
3143	Men's footwear, except athletic .....	189.41	196.35	206.75	203.81	-	5.49	5.50	5.68	5.63	-
3144	Women's footwear, except athletic .....	167.10	171.34	192.72	190.44	-	5.11	5.13	5.28	5.29	-
316	Luggage .....	239.57	242.06	249.66	243.01	-	6.51	6.37	6.64	6.55	-
317	Handbags and personal leather goods .....	181.25	188.56	197.10	207.74	-	5.12	5.11	5.40	5.41	-
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	411.65	413.32	432.06	430.49	430.10	10.72	10.68	11.05	11.01	11.00
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads .....	542.30	530.40	560.77	-	-	12.79	12.48	13.32	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b>	238.59	241.15	249.06	249.81	-	7.23	7.22	7.64	7.57	-
411	Local and suburban transportation .....	316.38	317.20	313.36	316.30	-	8.03	7.99	8.29	8.39	-
413	Intercity highway transportation .....	398.03	394.46	423.87	415.48	-	11.34	11.74	11.84	11.77	-
	<b>TRUCKING AND WAREHOUSING</b>	391.50	396.72	402.05	402.71	-	10.44	10.44	10.47	10.46	-
421, 3	Trucking and trucking terminals .....	399.38	405.38	409.73	410.03	-	10.65	10.64	10.67	10.65	-
422	Public warehousing .....	277.51	282.00	289.56	288.41	-	7.48	7.50	7.60	7.63	-
	<b>PIPE LINES, EXCEPT NATURAL GAS</b>	569.16	596.94	628.58	592.86	-	13.95	13.85	14.79	14.46	-
	<b>COMMUNICATION</b>	409.93	413.51	440.35	436.48	-	10.62	10.63	11.12	11.05	-
481	Telephone communication .....	438.31	442.46	470.80	468.43	-	11.21	11.23	11.77	11.74	-
4817	Switchboard operating employees .....	-	-	-	-	-	-	-	-	-	-
4818	Line construction employees .....	-	-	-	-	-	-	-	-	-	-
483	Radio and television broadcasting .....	321.86	320.02	353.06	344.10	-	8.77	8.72	9.44	9.25	-
	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	462.89	463.30	497.95	493.12	-	11.29	11.30	11.97	11.94	-
491	Electric services .....	466.38	471.55	496.70	494.32	-	11.32	11.39	11.94	11.94	-
492	Gas production and distribution .....	415.95	409.24	466.77	453.74	-	10.17	10.18	11.14	10.96	-
493	Combination utility services .....	537.92	534.97	583.67	576.70	-	13.12	13.08	13.93	13.93	-
495	Sanitary services .....	361.89	358.18	366.61	366.20	-	8.98	8.91	8.92	8.91	-
	<b>WHOLESALE AND RETAIL TRADE</b>	199.31	201.90	211.72	211.05	211.40	6.45	6.43	6.70	6.70	6.69
50, 51	<b>WHOLESALE TRADE</b>	313.81	316.74	335.43	332.16	331.78	8.28	8.27	8.69	8.65	8.64
	<b>WHOLESALE TRADE-DURABLE GOODS</b>	314.06	316.57	335.79	334.62	-	8.20	8.18	8.61	8.58	-
501	Motor vehicles and automotive equipment .....	277.86	283.08	303.41	303.02	-	7.39	7.43	7.84	7.83	-
502	Furniture and home furnishings .....	281.23	282.37	287.96	294.44	-	7.56	7.49	7.72	7.81	-
503	Lumber and construction materials .....	296.54	303.74	318.01	319.55	-	7.95	7.91	8.26	8.30	-
504	Sporting goods, toys, and hobby goods .....	330.13	334.28	362.50	360.43	-	8.78	8.82	9.44	9.46	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
284	Soap, cleaners, and toilet goods .....	40.4	40.7	41.4	41.2	-	2.7	2.8	3.2	3.0	-
2841	Soap and other detergents .....	42.8	42.8	43.5	43.2	-	4.6	4.5	5.1	4.1	-
2844	Toilet preparations .....	39.1	39.3	40.2	39.9	-	1.7	1.9	2.1	2.5	-
2842, 3	Polishing, sanitation, and finishing preparations .....	39.7	40.5	40.9	41.4	-	2.2	2.3	2.8	2.7	-
285	Paints and allied products .....	40.0	40.5	41.0	41.7	-	2.4	2.5	2.6	3.0	-
286	Industrial organic chemicals .....	41.8	42.0	43.3	42.9	-	2.9	3.1	4.2	3.9	-
2865	Cyclic crudes and intermediates .....	40.6	40.8	42.6	42.1	-	2.7	2.7	4.0	3.4	-
2861, 8	Gum, wood, and industrial organic chemicals, nec .....	42.2	42.4	43.5	43.1	-	2.9	3.2	4.2	4.0	-
287	Agricultural chemicals .....	41.7	42.1	42.4	43.1	-	3.6	3.9	4.6	5.1	-
289	Miscellaneous chemical products .....	40.1	41.0	42.3	41.7	-	2.4	2.8	3.6	3.3	-
29	<b>PETROLEUM AND COAL PRODUCTS **</b> .....	43.3	44.0	44.1	43.5	44.2	3.6	3.9	4.3	3.9	-
291	Petroleum refining ** .....	43.7	44.4	44.6	43.8	-	3.3	3.6	4.1	3.6	-
295	Paving and roofing materials .....	41.9	43.2	42.5	43.1	-	5.9	6.1	5.4	5.4	-
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b> .....	39.7	40.6	42.0	42.1	41.7	2.6	3.0	4.1	4.1	-
301	Tires and inner tubes .....	41.5	41.7	44.7	45.4	-	2.4	2.9	5.9	5.2	-
302	Rubber and plastics footwear .....	36.4	36.6	40.1	41.1	-	.9	1.0	2.1	2.7	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting .....	40.0	39.8	42.9	43.1	-	2.0	2.1	4.3	4.4	-
306	Fabricated rubber products, nec .....	39.2	39.8	41.7	41.8	-	2.1	2.3	3.7	3.4	-
307	Miscellaneous plastics products .....	39.5	40.7	41.6	41.6	-	2.9	3.3	4.0	3.9	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	34.6	35.7	36.7	37.0	36.3	.9	1.1	1.4	1.4	-
311	Leather tanning and finishing .....	38.8	40.1	38.7	39.6	-	2.7	3.2	2.5	2.6	-
314	Footwear, except rubber .....	33.7	34.7	36.2	36.2	-	.6	.8	1.2	1.2	-
3143	Men's footwear, except athletic .....	34.5	35.7	36.4	36.2	-	.4	.6	1.1	1.0	-
3144	Women's footwear, except athletic .....	32.7	33.4	36.5	36.0	-	.7	.9	1.3	1.4	-
316	Luggage .....	36.8	38.0	37.6	37.1	-	2.2	2.0	2.6	2.0	-
317	Handbags and personal leather goods .....	35.4	36.9	36.5	38.4	-	.8	.7	1.4	1.6	-
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	38.4	38.7	39.1	39.1	39.1	-	-	-	-	-
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup> .....	42.4	42.5	42.1	-	-	-	-	-	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	33.0	33.4	32.6	33.0	-	-	-	-	-	-
411	Local and suburban transportation .....	39.4	39.7	37.8	37.7	-	-	-	-	-	-
413	Intercity highway transportation .....	35.1	33.6	35.8	35.3	-	-	-	-	-	-
42	<b>TRUCKING AND WAREHOUSING</b> .....	37.5	38.0	38.4	38.5	-	-	-	-	-	-
421, 3	Trucking and trucking terminals .....	37.5	38.1	38.4	38.5	-	-	-	-	-	-
422	Public warehousing .....	37.1	37.6	38.1	37.8	-	-	-	-	-	-
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b> .....	40.8	43.1	42.5	41.0	-	-	-	-	-	-
48	<b>COMMUNICATION</b> .....	38.6	38.9	39.6	39.5	-	-	-	-	-	-
481	Telephone communication .....	39.1	39.4	40.0	39.9	-	-	-	-	-	-
4817	Switchboard operating employees .....	-	-	-	-	-	-	-	-	-	-
4818	Line construction employees .....	-	-	-	-	-	-	-	-	-	-
483	Radio and television broadcasting .....	36.7	36.7	37.4	37.2	-	-	-	-	-	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> .....	41.0	41.0	41.6	41.3	-	-	-	-	-	-
491	Electric services .....	41.2	41.4	41.6	41.4	-	-	-	-	-	-
492	Gas production and distribution .....	40.9	40.2	41.9	41.4	-	-	-	-	-	-
493	Combination utility services .....	41.0	40.9	41.9	41.4	-	-	-	-	-	-
495	Sanitary services .....	40.3	40.2	41.1	41.1	-	-	-	-	-	-
-	<b>WHOLESALE AND RETAIL TRADE</b> .....	30.9	31.4	31.6	31.5	31.6	-	-	-	-	-
50, 51	<b>WHOLESALE TRADE</b> .....	37.9	38.3	38.6	38.4	38.4	-	-	-	-	-
50	<b>WHOLESALE TRADE-DURABLE GOODS</b> .....	38.3	38.7	39.0	39.0	-	-	-	-	-	-
501	Motor vehicles and automotive equipment .....	37.6	38.1	38.7	38.7	-	-	-	-	-	-
502	Furniture and home furnishings .....	37.2	37.7	37.3	37.7	-	-	-	-	-	-
503	Lumber and construction materials .....	37.3	38.4	38.5	38.5	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods .....	37.6	37.9	38.4	38.1	-	-	-	-	-	-

See footnotes at end of table.



# ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>WHOLESALE TRADE-DURABLE GOODS—Continued</b>										
505	Metals and minerals, except petroleum .....	\$359.29	\$362.60	\$386.38	\$389.50	-	\$9.05	\$9.02	\$9.47	\$9.50	-
506	Electrical goods .....	341.93	343.30	356.04	349.33	-	8.79	8.78	9.20	9.05	-
507	Hardware, plumbing, and heating equipment .....	293.76	295.29	313.86	312.24	-	7.67	7.65	8.11	8.11	-
508	Machinery, equipment, and supplies .....	328.95	329.94	354.32	353.13	-	8.50	8.46	8.97	8.94	-
509	Miscellaneous durable goods .....	252.28	259.08	269.57	270.97	-	6.80	6.80	7.02	7.02	-
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b> .....	313.32	316.68	333.14	329.38	-	8.40	8.40	8.79	8.76	-
511	Paper and paper products .....	334.58	337.13	357.92	354.61	-	8.97	8.99	9.57	9.61	-
512	Drugs, proprietaries, and sundries .....	335.57	334.68	363.05	360.32	-	9.27	9.07	9.63	9.66	-
513	Apparel, piece goods, and notions .....	297.64	301.99	317.58	315.86	-	8.11	8.14	8.63	8.63	-
514	Groceries and related products .....	316.30	320.72	334.14	331.51	-	8.39	8.44	8.77	8.77	-
516	Chemicals and allied products .....	382.74	375.19	408.35	401.70	-	9.89	9.72	10.26	10.30	-
517	Petroleum and petroleum products .....	386.12	395.17	401.79	384.12	-	9.80	9.83	9.97	9.70	-
518	Beer, wine, and distilled beverages .....	348.08	358.92	368.82	363.78	-	9.75	9.97	10.36	10.19	-
519	Miscellaneous nondurable goods .....	252.40	252.89	268.16	269.25	-	6.84	6.78	7.17	7.13	-
52-59	<b>RETAIL TRADE</b> .....	163.30	166.42	173.17	173.17	\$173.76	5.69	5.68	5.89	5.89	\$5.89
52	<b>BUILDING MATERIALS AND GARDEN SUPPLIES</b> .....	211.29	213.06	226.63	226.27	-	6.16	6.14	6.42	6.41	-
521	Lumber and other building materials .....	223.24	227.41	237.60	237.54	-	6.36	6.37	6.60	6.58	-
525	Hardware stores .....	180.06	180.61	185.89	183.54	-	5.44	5.44	5.65	5.63	-
53	<b>GENERAL MERCHANDISE STORES</b> .....	154.52	161.02	163.59	162.35	-	5.66	5.63	5.70	5.84	-
531	Department stores .....	159.94	165.86	168.76	168.19	-	5.88	5.84	5.88	6.05	-
533	Variety stores .....	121.39	126.28	129.47	124.65	-	4.32	4.31	4.48	4.50	-
539	Misc. general merchandise stores .....	130.79	136.20	130.53	132.07	-	4.51	4.54	4.58	4.57	-
54	<b>FOOD STORES</b> .....	220.67	222.60	229.20	229.03	-	7.43	7.42	7.64	7.66	-
541	Grocery stores .....	229.93	231.94	239.07	238.69	-	7.69	7.68	7.89	7.93	-
546	Retail bakeries .....	137.67	138.37	143.28	146.96	-	5.08	5.05	5.21	5.23	-
55	<b>AUTOMOTIVE DEALERS AND SERVICE STATIONS</b> .....	235.43	242.14	255.02	253.96	-	6.45	6.58	6.93	6.92	-
551.2	New and used car dealers .....	278.26	291.02	309.20	311.60	-	7.48	7.74	8.18	8.20	-
553	Auto and home supply stores .....	242.99	239.40	250.38	245.07	-	6.09	6.00	6.42	6.30	-
554	Gasoline service stations .....	174.93	177.50	182.51	178.16	-	5.13	5.19	5.29	5.24	-
56	<b>APPAREL AND ACCESSORY STORES</b> .....	132.93	136.01	140.08	137.87	-	4.96	4.91	5.15	5.05	-
561	Men's and boys' clothing and furnishings .....	171.50	169.58	179.56	174.32	-	5.66	5.56	5.83	5.83	-
562	Women's ready-to-wear stores .....	118.78	123.82	129.85	127.89	-	4.64	4.62	4.90	4.79	-
565	Family clothing stores .....	131.44	136.62	135.15	131.67	-	4.96	4.95	5.10	4.95	-
566	Shoe stores .....	137.82	137.83	141.96	138.14	-	5.03	4.94	5.20	5.06	-
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b> .....	212.39	217.70	229.84	224.45	-	6.34	6.46	6.78	6.68	-
571	Furniture and home furnishings stores .....	214.03	220.59	232.22	229.16	-	6.37	6.45	6.83	6.76	-
572	Household appliance stores .....	219.05	226.09	236.91	230.46	-	6.74	6.81	7.03	6.90	-
573	Radio, television, and music stores .....	206.79	208.89	221.07	212.17	-	6.10	6.33	6.56	6.41	-
58	<b>EATING AND DRINKING PLACES</b> <sup>1</sup> .....	105.83	108.97	111.54	113.01	-	4.25	4.24	4.34	4.33	-
59	<b>MISCELLANEOUS RETAIL</b> .....	169.72	170.24	179.93	179.29	-	5.62	5.60	5.88	5.84	-
591	Drug stores and proprietary stores .....	149.77	150.31	156.22	157.25	-	5.33	5.33	5.52	5.46	-
594	Miscellaneous shopping goods stores .....	148.41	151.04	156.80	156.02	-	5.10	5.12	5.37	5.38	-
596	Nonstore retailers .....	204.80	208.94	217.45	219.10	-	6.40	6.37	6.53	6.56	-
598	Fuel and ice dealers .....	301.86	285.01	333.20	310.78	-	7.76	7.56	8.33	8.20	-
599	Retail stores, nec .....	186.62	183.17	198.00	201.80	-	5.76	5.76	6.13	6.06	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> <sup>2</sup> .....	260.64	258.84	276.33	273.34	272.22	7.22	7.19	7.55	7.53	7.52
60	<b>BANKING</b> .....	224.70	221.91	239.94	236.31	-	6.19	6.13	6.52	6.51	-
602	Commercial and stock savings banks .....	218.89	216.48	236.16	231.96	-	6.03	5.98	6.40	6.39	-
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	231.21	230.84	248.20	243.69	-	6.30	6.29	6.69	6.64	-
612	Savings and loan associations .....	205.77	204.56	219.86	215.04	-	5.78	5.73	6.04	5.99	-
614	Personal credit institutions .....	241.77	242.52	250.79	243.38	-	6.43	6.45	6.67	6.56	-
63	<b>INSURANCE CARRIERS</b> <sup>3</sup> .....	299.89	299.09	316.40	315.19	-	8.04	8.04	8.46	8.45	-
631	Life insurance .....	300.44	300.74	319.80	318.54	-	8.12	8.15	8.62	8.54	-
632	Medical service and health insurance <sup>4</sup> .....	286.15	288.80	308.61	307.19	-	7.57	7.62	8.10	8.17	-
633	Fire, marine, and casualty insurance .....	302.44	300.58	317.53	314.24	-	8.13	8.08	8.49	8.47	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>WHOLESALE TRADE-DURABLE</b>										
	<b>GOODS—Continued</b>										
505	Metals and minerals, except petroleum .....	39.7	40.2	40.8	41.0	-	-	-	-	-	
506	Electrical goods .....	38.9	39.1	38.7	38.6	-	-	-	-	-	
507	Hardware, plumbing, and heating equipment .....	38.3	38.6	38.7	38.5	-	-	-	-	-	
508	Machinery, equipment, and supplies .....	38.7	39.0	39.5	39.5	-	-	-	-	-	
509	Miscellaneous durable goods .....	37.1	38.1	38.4	38.6	-	-	-	-	-	
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b> ..	37.3	37.7	37.9	37.6	-	-	-	-	-	
511	Paper and paper products .....	37.3	37.5	37.4	36.9	-	-	-	-	-	
512	Drugs, proprietaries, and sundries .....	36.2	36.9	37.7	37.3	-	-	-	-	-	
513	Apparel, piece goods, and notions .....	36.7	37.1	36.8	36.6	-	-	-	-	-	
514	Groceries and related products .....	37.7	38.0	38.1	37.8	-	-	-	-	-	
516	Chemicals and allied products .....	38.7	38.6	39.8	39.0	-	-	-	-	-	
517	Petroleum and petroleum products .....	39.4	40.2	40.3	39.6	-	-	-	-	-	
518	Beer, wine, and distilled beverages .....	35.7	36.0	35.6	35.7	-	-	-	-	-	
519	Miscellaneous nondurable goods .....	36.9	37.3	37.4	37.5	-	-	-	-	-	
52-59	<b>RETAIL TRADE</b> .....	28.7	29.3	29.4	29.4	29.5	-	-	-	-	
52	<b>BUILDING MATERIALS AND GARDEN</b>										
	<b>SUPPLIES</b> .....	34.3	34.7	35.3	35.3	-	-	-	-	-	
521	Lumber and other building materials .....	35.1	35.7	36.0	36.1	-	-	-	-	-	
525	Hardware stores .....	33.1	33.2	32.9	32.6	-	-	-	-	-	
53	<b>GENERAL MERCHANDISE STORES</b> .....	27.3	28.6	28.7	27.8	-	-	-	-	-	
531	Department stores .....	27.2	28.4	28.7	27.8	-	-	-	-	-	
533	Variety stores .....	28.1	29.3	28.9	27.7	-	-	-	-	-	
539	Misc. general merchandise stores .....	29.0	30.0	28.5	28.9	-	-	-	-	-	
54	<b>FOOD STORES</b> .....	29.7	30.0	30.0	29.9	-	-	-	-	-	
541	Grocery stores .....	29.9	30.2	30.3	30.1	-	-	-	-	-	
546	Retail bakeries .....	27.1	27.4	27.5	28.1	-	-	-	-	-	
55	<b>AUTOMOTIVE DEALERS AND SERVICE</b>										
	<b>STATIONS</b> .....	36.5	36.8	36.8	36.7	-	-	-	-	-	
551.2	New and used car dealers .....	37.2	37.6	37.8	38.0	-	-	-	-	-	
553	Auto and home supply stores .....	39.9	39.9	39.0	38.9	-	-	-	-	-	
554	Gasoline service stations .....	34.1	34.2	34.5	34.0	-	-	-	-	-	
56	<b>APPAREL AND ACCESSORY STORES</b>	26.8	27.7	27.2	27.3	-	-	-	-	-	
561	Men's and boys' clothing and furnishings .....	30.3	30.5	30.8	29.9	-	-	-	-	-	
562	Women's ready-to-wear stores .....	25.6	26.8	26.5	26.7	-	-	-	-	-	
565	Family clothing stores .....	26.5	27.6	26.5	26.6	-	-	-	-	-	
566	Shoe stores .....	27.4	27.9	27.3	27.3	-	-	-	-	-	
57	<b>FURNITURE AND HOME FURNISHINGS</b>										
	<b>STORES</b> .....	33.5	33.7	33.9	33.6	-	-	-	-	-	
571	Furniture and home furnishings stores .....	33.6	34.2	34.0	33.9	-	-	-	-	-	
572	Household appliance stores .....	32.5	33.2	33.7	33.4	-	-	-	-	-	
573	Radio, television, and music stores .....	33.9	33.0	33.7	33.1	-	-	-	-	-	
58	<b>EATING AND DRINKING PLACES<sup>3</sup></b> .....	24.9	25.7	25.7	26.1	-	-	-	-	-	
59	<b>MISCELLANEOUS RETAIL</b> .....	30.2	30.4	30.6	30.7	-	-	-	-	-	
591	Drug stores and proprietary stores .....	28.1	28.2	28.3	28.8	-	-	-	-	-	
594	Miscellaneous shopping goods stores .....	29.1	29.5	29.2	29.0	-	-	-	-	-	
596	Nonstore retailers .....	32.0	32.8	33.3	33.4	-	-	-	-	-	
598	Fuel and ice dealers .....	38.9	37.7	40.0	37.9	-	-	-	-	-	
599	Retail stores, nec .....	32.4	31.8	32.3	33.3	-	-	-	-	-	
	<b>FINANCE, INSURANCE, AND REAL</b>										
	<b>ESTATE<sup>4</sup></b> .....	36.1	36.0	36.6	36.3	36.2	-	-	-	-	
60	<b>BANKING</b> .....	36.3	36.2	36.8	36.3	-	-	-	-	-	
602	Commercial and stock savings banks .....	36.3	36.2	36.9	36.3	-	-	-	-	-	
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	36.7	36.7	37.1	36.7	-	-	-	-	-	
612	Savings and loan associations .....	35.6	35.7	36.4	35.9	-	-	-	-	-	
614	Personal credit institutions .....	37.6	37.6	37.6	37.1	-	-	-	-	-	
63	<b>INSURANCE CARRIERS<sup>5</sup></b> .....	37.3	37.2	37.4	37.3	-	-	-	-	-	
631	Life insurance .....	37.0	36.9	37.1	37.3	-	-	-	-	-	
632	Medical service and health insurance <sup>6</sup> .....	37.8	37.9	38.1	37.6	-	-	-	-	-	
633	Fire, marine, and casualty insurance .....	37.2	37.2	37.4	37.1	-	-	-	-	-	

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>SERVICES</b> .....	\$232.96	\$233.74	\$245.80	\$245.15	\$244.83	\$7.19	\$7.17	\$7.54	\$7.52	\$7.51
701	<b>HOTELS AND OTHER LODGING PLACES:</b> Hotels, motels, and tourist courts <sup>2</sup> .....	154.96	156.22	164.10	163.38	-	5.20	5.19	5.47	5.41	-
	<b>PERSONAL SERVICES:</b>										
721	Laundry, cleaning, and garment services .....	174.95	179.90	184.59	185.81	-	5.35	5.37	5.51	5.53	-
723	Beauty shops <sup>3</sup> .....	144.42	156.85	150.38	154.78	-	5.29	5.39	5.39	5.45	-
	<b>BUSINESS SERVICES</b> .....										
73	Advertising .....	241.63	242.42	252.88	255.41	-	7.30	7.28	7.64	7.67	-
731	Services to buildings .....	337.38	339.19	371.57	363.12	-	9.32	9.37	10.35	10.20	-
734	Computer and data processing services .....	159.50	158.42	174.66	176.99	-	5.80	5.74	6.15	6.21	-
737	Computer and data processing services .....	344.76	343.88	376.49	377.95	-	8.84	8.84	9.96	9.92	-
	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....										
75	Automotive repair shops .....	251.97	256.25	266.06	265.41	-	6.81	6.87	7.02	7.04	-
753	Automotive repair shops .....	278.48	286.34	296.74	295.54	-	7.29	7.38	7.57	7.60	-
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	310.27	314.77	337.42	332.72	-	8.23	8.24	8.81	8.71	-
	<b>MOTION PICTURES</b> .....										
78	Motion picture production and services .....	281.99	286.83	354.20	321.08	-	10.18	10.43	12.13	11.11	-
781	Motion picture production and services .....	537.04	548.16	688.28	606.55	-	14.17	14.54	17.25	15.24	-
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	190.38	187.62	196.84	195.88	-	6.41	6.36	6.65	6.64	-
	<b>HEALTH SERVICES</b> .....										
80	Offices of physicians .....	235.37	235.05	247.11	246.68	-	7.22	7.21	7.58	7.59	-
801	Offices of physicians .....	227.92	225.70	228.54	229.28	-	7.19	7.12	7.42	7.42	-
802	Offices of dentists .....	195.86	197.25	204.01	204.89	-	7.02	6.97	7.26	7.24	-
805	Nursing and personal care facilities .....	157.06	156.12	166.72	163.89	-	5.05	5.02	5.21	5.21	-
806	Hospitals .....	268.49	269.62	284.58	283.74	-	7.92	7.93	8.37	8.37	-
81	<b>LEGAL SERVICES</b> .....	316.14	315.42	336.59	329.74	-	9.19	9.09	9.70	9.53	-
	<b>MISCELLANEOUS SERVICES</b> .....										
89	Engineering and architectural services .....	410.42	411.59	426.27	428.97	-	10.47	10.42	10.93	10.86	-
891	Engineering and architectural services .....	450.02	453.42	469.26	473.62	-	11.48	11.45	11.85	11.90	-
893	Accounting, auditing, and bookkeeping .....	347.67	349.92	355.89	360.70	-	8.67	8.64	9.22	9.04	-

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p = preliminary.

<sup>2</sup> Beginning January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

<sup>3</sup> Money payments only; tips, not included.

<sup>4</sup> Data for nonoffice sales agents excluded from all series in this division.

- Data not available.

NOTE: Due to the recent restructuring of the telephone communication industry, the Bureau has discontinued the collection and publication of hours and earnings data for switchboard operating employees (sic code 4817) and line construction employees (sic code 4818).

### \*\*Corrected data

SIC Code	Industry	Average weekly earnings				Average hourly earnings				Average weekly hours			
		Oct. 1983	Nov. 1983	Dec. 1983	Annual average 1983	Oct. 1983	Nov. 1983	Dec. 1983	Annual average 1983	Oct. 1983	Nov. 1983	Dec. 1983	Annual average 1983
24.25.32-39	Nondurable goods	-	-	\$330.42	-	-	-	-	-	-	-	-	40.1
20	Food and kindred products	-	-	332.37	-	-	-	-	-	-	-	-	39.9
205	Bakery products	-	-	351.89	\$339.47	-	-	\$9.14	\$8.91	-	-	-	38.5
2051	Bread, cake, and related products	-	-	343.82	336.90	-	-	9.12	-	-	-	-	37.7
2337	Women's and misses' suits and coats	\$209.30	\$207.87	208.82	205.02	\$6.12	\$6.15	6.16	\$6.03	-	-	-	-
29	Petroleum and coal products	-	-	602.99	-	-	-	13.52	-	-	-	-	44.6
291	Petroleum refining	-	-	657.21	-	-	-	14.54	-	-	-	-	45.2
63	Insurance carriers	-	309.50	311.74	-	-	-	-	-	-	-	37.2	37.2
632	Medical services and health insurance	-	300.13	305.10	294.06	-	7.94	8.05	-	-	-	37.8	37.9

# ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984P	Mar. 1984P
	<b>SERVICES</b> .....	32.4	32.6	32.6	32.6	32.6	-	-	-	-	-
	<b>HOTELS AND OTHER LODGING PLACES:</b>										
701	Hotels, motels, and tourist courts <sup>2</sup> .....	29.8	30.1	30.0	30.2	-	-	-	-	-	
	<b>PERSONAL SERVICES:</b>										
721	Laundry, cleaning, and garment services .....	32.7	33.5	33.5	33.6	-	-	-	-	-	
723	Beauty shops <sup>2</sup> .....	27.3	29.1	27.9	28.4	-	-	-	-	-	
73	<b>BUSINESS SERVICES</b> .....	33.1	33.3	33.1	33.3	-	-	-	-	-	
731	Advertising .....	36.2	36.2	35.9	35.6	-	-	-	-	-	
734	Services to buildings .....	27.5	27.6	28.4	28.5	-	-	-	-	-	
737	Computer and data processing services .....	39.0	38.9	37.8	38.1	-	-	-	-	-	
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	37.0	37.3	37.9	37.7	-	-	-	-	-	
753	Automotive repair shops .....	38.2	38.8	39.2	38.9	-	-	-	-	-	
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	37.7	38.2	38.3	39.2	-	-	-	-	-	
78	<b>MOTION PICTURES</b> .....	27.7	27.5	29.2	29.9	-	-	-	-	-	
781	Motion picture production and services .....	37.9	37.7	39.9	39.8	-	-	-	-	-	
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	29.7	29.5	29.6	29.5	-	-	-	-	-	
80	<b>HEALTH SERVICES</b> .....	32.6	32.6	32.6	32.5	-	-	-	-	-	
801	Offices of physicians .....	31.7	31.7	30.8	30.9	-	-	-	-	-	
802	Offices of dentists .....	27.9	28.3	28.1	28.3	-	-	-	-	-	
805	Nursing and personal care facilities .....	31.1	31.1	32.0	31.4	-	-	-	-	-	
806	Hospitals .....	33.9	34.0	34.0	33.9	-	-	-	-	-	
81	<b>LEGAL SERVICES</b> .....	34.4	34.7	34.7	34.6	-	-	-	-	-	
89	<b>MISCELLANEOUS SERVICES</b> .....	39.2	39.5	39.0	39.5	-	-	-	-	-	
891	Engineering and architectural services .....	39.2	39.6	39.6	39.8	-	-	-	-	-	
893	Accounting, auditing, and bookkeeping .....	40.1	40.5	38.6	39.9	-	-	-	-	-	

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984p	Mar. 1984p
<b>MANUFACTURING</b> .....	\$8.50	\$8.47	\$8.73	\$8.72	\$8.74
<b>DURABLE GOODS</b> .....	9.06	9.02	9.27	9.26	9.28
Lumber and wood products .....	7.48	7.43	7.60	7.59	-
Furniture and fixtures .....	6.37	6.35	6.57	6.56	-
Stone, clay, and glass products .....	8.75	8.75	8.99	8.94	-
Primary metal industries .....	11.20	10.90	10.85	10.93	-
Fabricated metal products .....	8.81	8.80	8.96	8.95	-
Machinery, except electrical .....	9.21	9.21	9.51	9.51	-
Electric and electronic equipment .....	8.36	8.38	8.56	8.54	-
Transportation equipment .....	11.08	11.04	11.45	11.42	-
Instruments and related products .....	8.32	8.29	8.50	8.46	-
Miscellaneous manufacturing industries .....	6.60	6.60	6.84	6.81	-
<b>NONDURABLE GOODS</b> .....	7.75	7.74	7.96	7.93	7.95
Food and kindred products .....	7.82	7.85	8.02	8.01	-
Tobacco manufactures .....	9.86	10.32	10.58	10.99	-
Textile mill products .....	5.90	5.89	6.13	6.15	-
Apparel and other textile products .....	5.25	5.28	5.42	5.35	-
Paper and allied products .....	9.23	9.23	9.67	9.68	-
Printing and publishing .....	8.74	8.74	8.98	8.98	-
Chemicals and allied products .....	10.07	10.04	10.47	10.46	-
Petroleum and coal products .....	12.72	12.72	12.85	12.86	-
Rubber and misc. plastics products .....	7.65	7.64	7.81	7.81	-
Leather and leather products .....	5.43	5.44	5.57	5.56	-

<sup>1</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half. p = preliminary.

## C-4. Gross average weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry division, in current and constant (1977) dollars.

Industry	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984p	Mar. 1984p
<b>TOTAL PRIVATE:</b>					
Current dollars .....	\$270.86	\$274.13	\$289.10	\$289.22	\$288.40
Constant (1977) dollars .....	168.24	169.85	173.32	173.08	-
<b>MINING:</b>					
Current dollars .....	464.63	467.74	501.70	495.94	\$493.61
Constant (1977) dollars .....	288.59	289.80	300.78	296.79	-
<b>CONSTRUCTION:</b>					
Current dollars .....	424.80	434.98	438.14	443.26	\$437.74
Constant (1977) dollars .....	263.85	269.50	262.67	265.27	-
<b>MANUFACTURING:</b>					
Current dollars .....	339.50	346.10	369.05	369.56	\$369.87
Constant (1977) dollars .....	210.87	214.44	221.25	221.16	-
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>					
Current dollars .....	411.65	413.32	432.06	430.49	\$430.10
Constant (1977) dollars .....	255.68	256.08	259.03	257.62	-
<b>WHOLESALE AND RETAIL TRADE:</b>					
Current dollars .....	199.31	201.90	211.72	211.05	\$211.40
Constant (1977) dollars .....	123.80	125.09	126.93	126.30	-
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>					
Current dollars .....	260.64	258.84	276.33	273.34	\$272.22
Constant (1977) dollars .....	161.89	160.37	165.67	163.58	-
<b>SERVICES:</b>					
Current dollars .....	232.96	233.74	245.80	245.15	\$244.83
Constant (1977) dollars .....	144.70	144.82	147.36	146.71	-

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p = preliminary.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984 <sup>p</sup>	Mar. 1984 <sup>p</sup>
	Hours				
<b>TOTAL PRIVATE</b> .....	99.1	101.2	106.5	106.9	107.7
<b>GOODS-PRODUCING</b> .....	83.3	85.9	94.5	95.6	96.3
<b>MINING</b> .....	108.5	108.9	120.1	118.9	118.2
<b>CONSTRUCTION</b> .....	80.0	84.7	94.2	95.7	96.4
<b>MANUFACTURING</b> ** .....	82.8	85.0	93.4	94.5	95.3
<b>DURABLE GOODS</b> .....	79.5	81.8	92.5	93.9	94.9
Lumber and wood products .....	79.4	82.2	92.4	93.8	95.1
Furniture and fixtures .....	84.4	88.2	99.7	101.3	101.8
Stone, clay, and glass products .....	71.3	75.0	80.4	82.6	84.2
Primary metal industries .....	61.1	63.3	72.6	73.4	74.0
Fabricated metal products .....	77.9	79.6	89.2	90.0	90.7
Machinery, except electrical .....	79.0	80.1	92.8	94.7	95.9
Electric and electronic equipment .....	93.2	95.4	109.7	110.9	112.3
Transportation equipment .....	79.1	81.8	94.6	96.4	97.3
Instruments and related products .....	99.3	101.0	106.0	106.1	106.6
Miscellaneous manufacturing industries .....	75.3	79.9	82.4	85.6	86.3
<b>NONDURABLE GOODS</b> ** .....	87.8	89.7	94.7	95.4	95.8
Food and kindred products ** .....	88.4	88.8	92.4	91.2	91.5
Tobacco manufactures .....	81.6	82.0	85.0	76.2	78.5
Textile mill products .....	74.9	77.5	82.8	83.4	83.4
Apparel and other textile products .....	83.7	85.9	90.4	93.9	94.2
Paper and allied products .....	89.1	91.4	97.0	96.9	96.9
Printing and publishing .....	104.8	107.2	111.1	111.9	113.4
Chemicals and allied products .....	92.9	93.9	96.5	96.9	97.1
Petroleum and coal products ** .....	90.1	92.9	85.5	84.1	88.2
Rubber and misc. plastics products .....	91.2	94.6	109.8	111.9	112.4
Leather and leather products .....	75.1	78.1	81.1	82.2	79.8
<b>SERVICE-PRODUCING</b> .....	107.8	109.7	113.1	113.2	114.1
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	96.6	97.7	100.2	100.3	100.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	98.4	100.6	104.4	103.3	104.0
<b>WHOLESALE TRADE</b> .....	103.9	105.2	109.2	109.1	109.7
<b>RETAIL TRADE</b> .....	96.3	98.8	102.5	101.1	101.9
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> ** .....	115.6	115.9	120.9	120.0	120.2
<b>SERVICES</b> .....	121.0	123.1	126.1	127.8	129.2

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p = preliminary.

\*\*Corrected data

Industry division and group	Hours			Payrolls		
	Nov. 1983	Dec. 1983	Annual average 1983	Nov. 1983	Dec. 1983	Annual average 1983
Manufacturing	-	-	-	-	152.0	-
Nondurable goods	-	96.9	-	-	156.2	147.9
Food and kindred products	-	59.9	-	-	148.6	-
Petroleum and coal products	-	89.2	92.7	-	-	-
Finance, insurance, and real estate	119.4	120.1	-	194.1	196.4	-

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Feb. 1983	Mar. 1983	Jan. 1984	Feb. 1984 <sup>2</sup>	Mar. 1984 <sup>2</sup>
	Payrolls				
<b>TOTAL PRIVATE</b> .....	149.5	152.4	167.5	168.0	169.3
<b>GOODS-PRODUCING</b> .....	127.8	131.6	149.8	151.1	152.5
<b>MINING</b> .....	175.8	175.5	200.0	196.5	196.9
<b>CONSTRUCTION</b> .....	118.4	124.9	140.3	141.4	142.3
<b>MANUFACTURING</b> ** .....	127.6	130.9	149.6	151.1	152.8
<b>DURABLE GOODS</b> .....	122.0	125.4	147.4	149.6	151.6
Lumber and wood products .....	120.2	123.9	142.8	144.9	146.1
Furniture and fixtures .....	126.4	132.2	155.2	157.6	159.0
Stone, clay, and glass products .....	111.6	117.9	130.5	133.6	136.2
Primary metal industries .....	95.1	96.1	111.6	113.6	114.7
Fabricated metal products .....	119.2	122.0	141.1	142.3	143.5
Machinery, except electrical .....	119.2	121.2	147.2	150.4	152.6
Electric and electronic equipment .....	148.1	152.3	180.9	182.4	184.7
Transportation equipment .....	124.7	128.9	156.9	159.4	162.6
Instruments and related products .....	159.1	161.7	175.2	174.7	176.2
Miscellaneous manufacturing industries .....	116.2	123.7	132.6	137.2	138.4
<b>NONDURABLE GOODS</b> ** .....	137.3	140.6	153.4	153.9	155.0
Food and kindred products ** .....	133.4	134.7	144.1	141.7	142.5
Tobacco manufactures .....	146.7	154.3	164.7	152.7	159.8
Textile mill products .....	114.7	119.0	133.1	134.4	134.4
Apparel and other textile products .....	123.1	126.3	137.6	141.5	142.9
Paper and allied products .....	144.4	148.3	166.4	166.0	166.7
Printing and publishing .....	153.9	158.1	168.4	170.0	172.2
Chemicals and allied products .....	150.3	151.7	163.5	164.0	164.4
Petroleum and coal products ** .....	152.6	157.4	147.1	144.3	152.9
Rubber and misc. plastics products .....	139.4	144.9	174.0	177.1	178.0
Leather and leather products .....	114.6	119.7	127.6	129.2	125.5
<b>SERVICE-PRODUCING</b> .....	164.9	167.1	180.1	179.9	181.1
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	148.0	149.3	158.4	157.9	158.2
<b>WHOLESALE AND RETAIL TRADE</b> .....	148.3	151.1	163.5	161.8	162.7
<b>WHOLESALE TRADE</b> .....	159.6	161.3	176.0	175.1	175.8
<b>RETAIL TRADE</b> .....	142.3	145.7	156.8	154.7	155.7
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> ** .....	183.7	183.6	200.9	199.0	199.2
<b>SERVICES</b> .....	187.2	189.9	204.4	206.6	208.7

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

**C-6. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry division and major manufacturing group, seasonally adjusted**

Industry	1983											1984	
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	Mar. <sup>P</sup>
<b>TOTAL PRIVATE</b> .....	34.8	34.9	35.1	35.1	35.0	35.0	35.2	35.3	35.2	35.3	35.5	35.4	35.2
<b>MINING</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>CONSTRUCTION</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>MANUFACTURING</b> .....	39.5	40.1	40.0	40.1	40.2	40.3	40.8	40.6	40.6	40.5	41.0	41.0	40.5
<i>Overtime hours</i> .....	2.6	2.9	2.7	2.9	3.0	3.1	3.3	3.3	3.3	3.4	3.5	3.6	3.4
<b>DURABLE GOODS</b> .....	39.9	40.5	40.4	40.6	40.8	40.8	41.5	41.2	41.2	41.1	41.8	41.7	41.1
<i>Overtime hours</i> .....	2.5	2.8	2.6	2.8	3.0	3.1	3.4	3.4	3.5	3.5	3.7	3.7	3.6
Lumber and wood products .....	39.5	40.0	39.8	40.0	39.9	40.2	40.5	40.3	39.7	39.7	40.8	40.4	39.6
Furniture and fixtures .....	38.3	39.3	39.2	39.6	39.7	39.7	40.0	39.8	39.7	40.1	40.2	39.7	38.9
Stone, clay, and glass products .....	40.6	41.0	41.2	41.6	41.7	41.7	42.1	41.7	41.7	41.6	42.3	42.6	41.6
Primary metal industries .....	39.4	39.9	40.3	40.3	40.8	40.9	41.2	41.7	41.6	41.8	41.9	42.0	41.5
Fabricated metal products .....	39.7	40.5	40.4	40.5	40.7	40.9	41.6	41.2	41.4	41.4	41.8	41.9	41.2
Machinery, except electrical .....	39.7	40.2	40.0	40.4	40.7	40.7	41.2	41.3	41.3	41.4	41.8	42.0	41.5
Electric and electronic equipment .....	39.8	40.4	40.3	40.5	40.8	40.7	41.1	41.1	41.1	40.9	41.4	41.3	40.8
Transportation equipment .....	41.7	42.3	41.6	41.9	42.0	41.8	43.5	42.5	42.5	41.9	43.4	43.2	42.8
Instruments and related products .....	40.0	40.5	40.4	40.1	40.7	40.4	41.0	40.7	40.6	40.7	41.4	41.2	40.8
Miscellaneous manufacturing ind .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>NONDURABLE GOODS</b> .....	39.0	39.5	39.4	39.6	39.5	39.5	39.9	39.7	39.7	39.7	40.0	40.0	39.6
<i>Overtime hours</i> .....	2.7	3.0	2.9	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.3	3.2
Food and kindred products .....	39.2	39.6	39.4	39.8	39.4	39.6	39.9	39.7	39.5	39.4	39.6	39.8	39.7
Tobacco manufactures .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products .....	39.6	40.6	40.4	40.7	40.7	40.9	41.3	40.7	40.7	40.7	41.1	40.9	40.3
Apparel and other textile products .....	35.6	36.2	36.1	36.1	35.8	36.2	36.8	36.5	36.4	36.5	37.3	37.1	36.6
Paper and allied products .....	42.1	42.4	42.7	42.8	42.9	42.9	43.3	43.2	43.0	43.0	43.2	43.3	42.7
Printing and publishing .....	37.4	37.7	37.4	37.6	37.7	37.5	37.8	38.0	37.9	37.6	37.9	37.9	37.7
Chemicals and allied products .....	41.2	41.5	41.6	41.9	41.8	41.6	41.7	41.7	41.8	41.9	42.2	42.2	41.9
Petroleum and coal products .....	44.9	43.5	43.6	43.8	43.7	43.5	43.2	43.5	43.6	44.7	45.1	44.6	45.0
Rubber and misc. plastics products .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Leather and leather products .....	36.0	37.0	36.8	36.8	37.4	37.2	37.7	37.5	37.2	37.0	37.3	37.3	36.6
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	38.8	38.8	38.9	38.9	38.9	39.3	39.4	39.4	39.2	39.4	39.5	39.3	39.2
<b>WHOLESALE AND RETAIL TRADE</b> .....	31.7	31.7	31.9	32.0	31.9	31.8	31.8	32.1	32.0	32.4	32.2	32.1	31.9
<b>WHOLESALE TRADE</b> .....	38.4	38.5	38.6	38.7	38.6	38.5	38.7	38.7	38.7	38.7	38.8	38.7	38.5
<b>RETAIL TRADE</b> .....	29.7	29.6	29.9	29.9	29.8	29.7	29.7	30.0	30.0	30.4	30.1	30.0	29.9
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>SERVICES</b> .....	32.7	32.7	32.9	32.7	32.6	32.7	32.8	32.9	32.7	32.6	32.8	32.7	32.7

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>2</sup> This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

p = preliminary.



# ESTABLISHMENT DATA SEASONALLY ADJUSTED

## C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1983											1984	
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
<b>TOTAL PRIVATE</b> .....	103.1	104.0	105.0	105.7	106.1	105.3	107.5	108.1	108.3	108.9	110.1	110.4	109.8
<b>GOODS-PRODUCING</b> .....	87.8	89.6	90.5	91.8	93.0	93.5	95.1	95.6	96.3	96.8	99.5	100.1	98.4
<b>MINING</b> .....	110.7	109.5	110.3	112.5	114.0	115.0	117.0	118.5	118.1	118.9	122.2	121.5	119.8
<b>CONSTRUCTION</b> .....	94.3	96.3	99.6	102.0	103.5	104.5	106.0	103.9	105.2	105.6	112.6	114.1	107.6
<b>MANUFACTURING</b> .....	85.4	87.4	87.8	88.8	90.0	90.4	92.0	92.9	93.5	94.0	95.9	96.4	95.6
<b>DURABLE GOODS</b> .....	81.6	83.7	84.3	85.4	87.2	87.8	89.8	91.1	91.9	92.6	94.7	95.6	94.6
Lumber and wood products .....	85.1	88.0	89.2	92.2	93.5	95.6	97.0	98.0	97.0	97.2	100.0	99.2	98.4
Furniture and fixtures .....	87.9	92.0	93.1	94.8	97.2	97.0	98.0	99.1	100.1	101.7	103.0	102.8	101.5
Stone, clay, and glass products .....	78.1	80.0	81.3	82.5	83.4	84.5	85.7	85.9	86.1	85.5	87.3	89.7	87.6
Primary metal industries .....	62.2	63.7	65.1	65.2	67.0	67.6	68.9	71.6	72.1	73.4	72.7	73.7	72.8
Fabricated metal products .....	79.4	81.4	82.0	82.8	83.7	85.2	86.9	87.6	88.5	89.4	91.0	91.6	90.6
Machinery, except electrical .....	78.7	80.0	81.4	82.4	84.6	85.6	87.0	88.3	90.0	91.0	92.9	94.5	94.1
Electric and electronic equipment .....	95.2	97.6	98.0	99.6	101.6	101.1	104.7	106.5	108.0	108.2	110.7	111.9	111.8
Transportation equipment .....	81.0	83.7	82.9	84.2	86.8	86.9	89.9	91.1	92.0	92.5	97.4	98.1	96.2
Instruments and related products .....	100.6	101.9	101.7	100.4	101.9	102.2	105.0	105.1	105.1	104.8	107.1	106.9	105.4
Miscellaneous manufacturing ind .....	80.7	82.9	82.4	82.7	84.5	83.4	82.9	85.0	85.4	87.2	87.3	88.8	87.0
<b>NONDURABLE GOODS</b> .....	91.0	92.8	92.9	93.9	94.2	94.2	95.3	95.6	95.8	<sup>c</sup> 96.1	97.6	97.7	97.1
Food and kindred products .....	94.1	96.0	95.6	97.4	96.2	95.5	96.3	95.8	95.9	<sup>c</sup> 95.6	97.1	97.0	97.1
Tobacco manufactures .....	89.6	89.1	88.6	88.3	87.3	82.1	83.6	84.7	83.4	82.8	83.1	78.9	85.0
Textile mill products .....	77.6	80.1	80.1	81.8	81.8	83.1	83.9	83.4	83.5	83.7	85.3	84.5	83.7
Apparel and other textile products .....	85.5	87.6	87.7	88.1	89.0	89.6	91.2	91.7	92.1	92.9	95.4	95.1	93.8
Paper and allied products .....	92.1	93.1	94.4	94.6	95.4	95.0	96.5	96.8	96.6	97.4	98.0	98.6	97.5
Printing and publishing .....	106.5	108.4	107.5	108.7	109.0	108.9	109.8	111.3	111.8	110.9	112.4	112.4	112.3
Chemicals and allied products .....	93.7	94.7	94.7	95.5	95.8	95.1	95.5	95.9	96.2	96.8	97.7	97.8	97.0
Petroleum and coal products .....	97.6	94.6	93.3	92.9	92.7	91.5	90.1	89.9	89.4	<sup>c</sup> 90.8	90.0	99.8	92.2
Rubber and misc. plastics products .....	94.9	98.5	100.2	100.6	102.7	103.5	105.7	106.7	108.0	109.6	111.0	113.2	112.6
Leather and leather products .....	79.9	81.7	81.2	81.2	82.6	84.0	85.6	85.1	84.4	83.5	84.7	84.7	81.7
<b>SERVICE-PRODUCING</b> .....	111.6	111.9	113.0	113.3	113.4	111.8	114.4	115.1	114.9	115.6	116.0	116.1	116.1
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	99.1	99.6	99.9	99.9	99.7	85.0	102.0	101.8	101.1	101.7	102.7	102.2	102.1
<b>WHOLESALE AND RETAIL TRADE</b> .....	103.9	103.6	104.7	105.4	105.3	105.3	105.6	106.5	106.8	108.1	107.7	107.7	107.3
<b>WHOLESALE TRADE</b> .....	106.1	106.6	107.3	108.1	107.9	108.1	109.3	109.5	109.6	109.9	111.0	110.9	110.6
<b>RETAIL TRADE</b> .....	103.0	102.4	103.7	104.4	104.3	104.2	104.1	105.4	105.7	107.3	106.5	106.5	106.1
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	116.4	117.8	119.1	118.9	119.1	119.0	119.5	120.2	119.8	120.5	121.9	121.4	120.8
<b>SERVICES</b> .....	123.9	124.7	126.1	126.1	126.3	127.1	128.0	128.6	128.2	128.3	129.1	129.7	130.3

<sup>1</sup> For coverage of series, see footnote 1, table B-2.  
c = corrected.

p = preliminary

# ESTABLISHMENT DATA SEASONALLY ADJUSTED

**C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, seasonally adjusted**

Industry	1983										1984		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Hourly Earnings Index <sup>2</sup> (1967=100)													
TOTAL PRIVATE (In current dollars) . . . . .	153.4	154.0	154.6	154.8	155.2	155.0	155.9	156.8	156.9	157.6	158.3	158.2	158.7
MINING <sup>3</sup> . . . . .	164.0	165.7	165.0	166.4	167.6	167.3	168.3	168.7	169.8	170.1	171.4	170.6	170.9
CONSTRUCTION . . . . .	145.5	145.9	144.5	144.6	144.0	144.1	145.5	145.1	144.6	145.2	146.2	146.1	146.4
MANUFACTURING . . . . .	157.1	157.0	157.7	157.8	158.2	158.1	158.3	158.9	159.7	160.1	160.7	161.1	161.7
TRANSPORTATION AND PUBLIC UTILITIES . . . . .	155.9	155.9	156.6	156.9	157.9	155.4	157.2	158.4	158.7	158.9	160.0	159.6	160.9
WHOLESALE AND RETAIL TRADE . . . . .	149.6	150.5	151.2	151.6	152.2	152.3	153.1	154.1	154.1	154.8	155.2	155.1	155.3
FINANCE, INSURANCE, AND REAL ESTATE <sup>3</sup> . . . . .	156.7	157.4	159.0	158.2	159.1	158.2	159.8	162.1	161.0	162.0	164.5	164.0	164.0
SERVICES . . . . .	152.6	154.0	154.9	155.5	155.7	155.9	157.1	158.4	158.1	159.2	159.8	159.3	159.7
TOTAL PRIVATE (In 1977 dollars) <sup>4</sup> . . . . .	94.9	94.7	94.7	94.8	94.7	94.1	94.3	94.6	94.4	94.7	94.7	94.7	-
Average hourly earnings													
TOTAL PRIVATE . . . . .	\$7.91	\$7.95	\$7.97	\$8.00	\$8.03	\$7.98	\$8.08	\$8.13	\$8.13	\$8.16	\$8.23	\$8.23	\$8.25
MINING . . . . .	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION . . . . .	\$12.00	\$12.02	\$11.86	\$11.85	\$11.82	\$11.83	\$11.96	\$11.92	\$11.89	\$11.93	\$11.97	\$11.97	\$12.02
MANUFACTURING . . . . .	8.75	8.78	8.79	8.82	8.85	8.84	8.87	8.94	9.00	9.01	9.05	9.09	9.12
TRANSPORTATION AND PUBLIC UTILITIES . . . . .	10.77	10.76	10.82	10.83	10.88	10.64	10.82	10.90	10.92	10.94	11.02	10.99	11.09
WHOLESALE AND RETAIL TRADE . . . . .	6.40	6.43	6.45	6.49	6.51	6.52	6.54	6.59	6.59	6.61	6.63	6.63	6.66
FINANCE, INSURANCE, AND REAL ESTATE . . . . .	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES . . . . .	\$7.15	\$7.19	\$7.24	\$7.26	\$7.26	\$7.26	\$7.32	\$7.38	\$7.37	\$7.41	\$7.47	\$7.47	\$7.49
Average weekly earnings													
TOTAL PRIVATE:													
Current dollars . . . . .	275.27	277.46	279.75	280.80	281.05	279.30	284.42	286.99	286.18	288.05	292.17	291.34	290.40
1977 dollars <sup>3</sup> . . . . .	170.34	170.64	171.42	171.85	171.48	169.58	172.06	173.09	171.98	172.90	174.85	174.14	-

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>2</sup> The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments: Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

<sup>3</sup> The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

<sup>4</sup> The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

<sup>p</sup> See footnote 2, table C-6.

p = preliminary.

**C-9. Hours of wage and salary workers<sup>1</sup> in nonagricultural establishments by industry division**

Industry division	Millions of hours (Annual rate) <sup>2</sup>			Percent change		
	January R1984	February R1984	March P1984	Mar. 1983 to Mar. 1984	Jan. 1984 to Feb. 1984	Feb. 1984 to Mar. 1984
TOTAL . . . . .	173,376	173,758	172,794	5.0	0.2	-0.6
PRIVATE SECTOR . . . . .	141,871	142,117	141,668	5.9	0.2	-0.3
MINING . . . . .	2,414	2,383	2,357	7.2	-1.2	-1.1
CONSTRUCTION . . . . .	8,352	8,384	7,920	11.7	0.4	-5.5
MANUFACTURING . . . . .	40,821	40,968	40,929	8.9	0.4	-0.1
DURABLE GOODS . . . . .	24,434	24,562	24,555	11.7	0.5	0.0
NONDURABLE GOODS . . . . .	16,387	16,407	16,374	5.1	0.1	-0.2
TRANSPORTATION AND PUBLIC UTILITIES . . . . .	10,342	10,338	10,346	3.1	0.0	0.1
WHOLESALE AND RETAIL TRADE . . . . .	35,005	34,974	34,918	3.5	-0.1	-0.2
FINANCE, INSURANCE, AND REAL ESTATE . . . . .	10,552	10,477	10,488	3.9	-0.7	0.1
SERVICES . . . . .	34,385	34,592	34,709	5.1	0.6	0.3
GOVERNMENT . . . . .	31,505	31,641	31,127	1.0	0.4	-1.6

<sup>1</sup> 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.

<sup>2</sup> "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

**PRODUCTIVITY  
SEASONALLY ADJUSTED**

**C-10. Indexes of output and compensation per hour, unit costs, and prices, business sector, seasonally adjusted**

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1981			1982				1983			
	1982	1983	1981 II	1981 III	1981 IV	1982 I	1982 II	1982 III	1982 IV	1983 I	1983 II	1983 III	1983 IV
<b>BUSINESS SECTOR:</b>													
Output per hour of all persons	101.2	103.8	101.1	102.3	101.2	101.1	100.7	101.1	101.9	102.5	103.9	104.2	104.8
Output	106.7	111.0	109.8	111.2	108.9	107.2	106.9	106.6	106.0	107.1	110.4	112.4	113.9
Hours	105.4	106.9	108.6	108.7	107.7	106.0	106.2	105.4	104.0	104.5	106.2	107.9	108.7
Compensation per hour	155.1	163.1	142.2	145.5	148.2	151.6	153.9	156.5	158.7	160.7	162.1	163.6	166.3
Real compensation per hour	97.4	99.2	96.0	95.6	95.8	97.1	97.3	97.2	98.1	99.4	99.2	99.0	99.6
Unit labor costs	153.3	157.1	140.7	142.3	146.4	149.9	152.9	154.7	155.6	156.9	156.0	156.9	158.7
Unit nonlabor payments	136.9	145.8	133.4	139.9	140.2	137.0	137.0	136.3	137.4	140.8	145.7	147.6	148.6
Implicit price deflator	147.7	153.3	138.2	141.5	144.3	145.5	147.5	148.5	149.4	151.5	152.5	153.8	155.3
<b>NONFARM BUSINESS SECTOR:</b>													
Output per hour of all persons	100.2	103.4	100.1	101.1	99.9	100.0	99.9	100.4	100.8	101.7	103.5	104.0	104.3
Output	106.3	110.9	109.4	110.5	108.2	106.5	106.7	106.5	105.4	106.7	110.2	112.5	114.2
Hours	106.0	107.3	109.2	109.4	108.2	106.5	106.8	106.0	104.6	104.9	106.5	108.2	109.5
Compensation per hour	154.7	163.4	141.8	145.1	147.7	151.3	153.5	156.1	158.3	161.0	162.7	164.2	166.0
Real compensation per hour	97.1	99.4	95.7	95.3	95.5	96.9	97.0	97.0	97.9	99.5	99.5	99.4	99.4
Unit labor costs	154.4	158.1	141.6	143.5	147.8	151.3	153.6	155.4	157.1	158.3	157.2	157.8	159.2
Unit nonlabor payments	137.0	146.2	132.2	138.3	139.5	136.4	137.7	136.5	137.2	140.7	145.7	148.3	149.9
Implicit price deflator	148.6	154.2	138.4	141.8	145.0	146.4	148.3	149.1	150.5	152.4	153.4	154.7	156.1
<b>MANUFACTURING:</b>													
Output per hour of all persons	106.5	113.4	105.4	106.1	104.4	105.1	105.3	107.8	108.1	110.2	112.6	115.9	117.1
Output	99.1	106.8	107.8	108.1	103.3	100.2	99.5	99.5	97.2	100.1	105.0	110.7	113.5
Hours	93.0	94.2	102.2	101.9	98.9	95.4	94.5	92.3	89.9	90.9	93.3	95.5	96.9
Compensation per hour	158.2	167.1	144.3	147.0	150.5	155.1	157.1	159.6	161.4	165.5	166.4	167.5	169.1
Real compensation per hour	99.3	101.6	97.4	96.6	97.2	99.4	99.3	99.1	99.8	102.3	101.8	101.4	101.3
Unit labor costs	148.5	147.3	136.9	138.5	144.1	147.6	149.1	148.1	149.3	150.2	147.8	144.5	144.5
<b>DURABLE GOODS</b>													
Output per hour of all persons	105.4	112.8	104.8	105.2	103.7	103.7	104.2	106.8	107.2	109.4	112.1	115.2	116.6
Output	97.3	104.9	108.8	108.9	103.3	99.3	98.3	97.6	94.0	97.4	102.8	109.1	112.6
Hours	92.3	93.0	103.8	103.4	99.6	95.7	94.3	91.4	87.7	89.0	91.7	94.6	96.5
Compensation per hour	157.9	166.7	144.4	146.9	150.6	154.7	156.7	159.5	161.0	165.4	166.1	167.2	168.4
Real compensation per hour	99.1	101.4	97.5	96.5	97.4	99.0	99.0	99.1	99.6	102.2	101.6	101.2	100.9
Unit labor costs	149.8	147.8	137.8	139.6	145.3	149.1	150.4	149.4	150.3	151.1	148.1	145.1	144.4
<b>NONDURABLE GOODS</b>													
Output per hour of all persons	108.2	114.3	106.5	107.4	105.4	107.2	107.0	109.2	109.4	111.3	113.2	116.8	117.7
Output	101.8	109.7	106.3	107.0	103.2	101.7	101.3	102.3	101.9	104.1	108.4	113.1	114.9
Hours	94.1	95.9	99.8	99.6	97.9	94.8	94.7	93.7	93.2	93.6	95.7	96.8	97.6
Compensation per hour	159.2	168.3	143.7	146.4	149.9	155.9	157.8	160.2	163.0	166.6	167.6	168.4	170.6
Real compensation per hour	99.9	102.4	97.0	96.2	96.9	99.8	99.7	99.5	100.8	103.0	102.5	102.0	102.2
Unit labor costs	147.1	147.2	135.0	136.3	142.1	145.4	147.5	146.7	149.0	149.8	148.1	144.2	144.9
<b>NONFINANCIAL CORPORATIONS:</b>													
Output per all-employee hour	102.8	p106.1	102.1	103.0	102.2	102.4	102.3	103.2	103.4	104.3	105.9	107.0	N.A.
Output	107.8	p112.3	111.7	112.9	110.4	108.6	108.1	108.0	106.4	107.6	111.3	114.3	N.A.
Hours	104.8	p105.9	109.3	109.6	108.1	106.0	105.7	104.6	102.9	103.2	105.1	106.8	N.A.
Compensation per hour	154.8	p162.3	142.0	145.0	147.8	151.7	153.7	156.1	158.1	160.4	161.6	162.8	N.A.
Real compensation per hour	97.2	p98.7	95.8	95.2	95.5	97.1	97.1	96.9	97.8	99.2	98.8	98.6	N.A.
Total unit costs	153.5	p155.4	141.1	143.6	147.7	150.9	153.1	153.8	156.3	156.7	155.3	154.5	N.A.
Unit labor costs	150.6	p153.0	139.0	140.7	144.6	148.1	150.2	151.1	152.9	153.9	152.5	152.1	N.A.
Unit nonlabor costs	161.8	p162.3	147.0	151.9	156.6	158.9	161.2	161.3	165.9	164.7	163.1	161.2	N.A.
Unit profits	88.9	p120.9	100.3	108.6	104.2	90.8	90.3	91.2	83.0	96.1	115.0	131.5	N.A.
Implicit price deflator	146.1	p151.4	136.4	139.6	142.7	144.0	145.9	146.6	147.9	149.7	150.7	151.8	N.A.

p=preliminary,  
r=revised.

**PRODUCTIVITY  
SEASONALLY ADJUSTED**

**C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, business sector, seasonally adjusted at annual rate**

Item	Quarterly percent change						Annual percent change					
	1982 II to 1982 III	1982 III to 1982 IV	1982 IV to 1983 I	1983 I to 1983 II	1983 II to 1983 III	1983 III to 1983 IV	1981 III to 1982 III	1981 IV to 1982 IV	1982 I to 1983 I	1982 II to 1983 II	1982 III to 1983 III	1982 IV to 1983 IV
<b>BUSINESS SECTOR:</b>												
Output per hour of all persons .....	1.7	3.3	2.0	5.9	1.2	2.2	-1.1	0.7	1.3	3.2	3.1	2.8
Output .....	-1.1	-2.3	4.2	12.7	7.8	5.4	-4.1	-2.7	-0.1	3.2	5.5	7.5
Hours .....	-2.7	-5.4	2.1	6.5	6.5	3.1	-3.0	-3.4	-1.4	0.0	2.3	4.5
Compensation per hour .....	6.7	5.7	5.4	3.5	3.6	7.0	7.5	7.1	6.1	5.3	4.5	4.8
Real compensation per hour .....	-0.4	4.1	5.0	-0.8	-0.6	2.4	1.6	2.5	2.4	1.9	1.9	1.5
Unit labor costs .....	5.0	2.3	3.3	-2.2	2.3	4.7	8.7	6.3	4.7	2.1	1.4	2.0
Unit nonlabor payments .....	-2.0	3.2	10.5	14.4	5.4	2.8	-2.6	-2.0	2.8	6.3	8.3	8.2
Implicit price deflator .....	2.7	2.6	5.5	2.8	3.3	4.1	4.9	3.5	4.1	3.4	3.6	3.9
<b>NONFARM BUSINESS SECTOR:</b>												
Output per hour of all persons .....	2.3	1.3	3.7	7.1	2.3	0.9	-0.6	0.8	1.7	3.6	3.6	3.5
Output .....	-0.6	-4.1	4.9	13.7	8.9	6.0	-3.6	-2.6	0.2	3.3	5.7	8.3
Hours .....	-2.9	-5.3	1.2	6.2	6.4	5.1	-3.0	-3.4	-1.5	-0.3	2.0	4.7
Compensation per hour .....	7.2	5.8	6.8	4.3	3.8	4.4	7.6	7.2	6.4	6.0	5.2	4.8
Real compensation per hour .....	0.0	4.1	6.5	0.0	-0.3	0.0	1.7	2.6	2.7	2.6	2.5	1.5
Unit labor costs .....	4.7	4.4	3.0	-2.6	1.5	3.5	8.3	6.3	4.6	2.3	1.5	1.3
Unit nonlabor payments .....	-3.4	2.0	10.6	15.2	7.3	4.2	-1.3	-1.6	3.1	5.9	8.6	9.2
Implicit price deflator .....	2.2	3.7	5.3	2.7	3.3	3.7	5.2	3.7	4.1	3.4	3.7	3.7
<b>MANUFACTURING:</b>												
Output per hour of all persons .....	9.6	1.2	8.0	9.0	12.2	4.2	1.6	3.5	4.8	6.9	7.5	8.3
Output .....	0.0	-9.0	12.7	21.2	23.2	10.6	-8.0	-5.9	-0.1	5.6	11.2	16.8
Hours .....	-8.7	-10.0	4.3	11.1	9.8	6.1	-9.4	-9.1	-4.7	-1.2	3.5	7.8
Compensation per hour .....	6.5	4.5	10.7	2.1	2.7	4.0	8.6	7.3	6.7	5.9	4.9	4.8
Real compensation per hour .....	-0.6	2.9	10.3	-2.2	-1.4	-0.4	2.6	2.7	3.0	2.5	2.3	1.5
Unit labor costs .....	-2.8	3.3	2.5	-6.4	-8.4	-0.2	6.9	3.6	1.8	-0.9	-2.4	-3.2
<b>DURABLE GOODS</b>												
Output per hour of all persons .....	10.4	1.4	8.7	10.3	11.5	4.9	1.5	3.4	5.5	7.6	7.9	8.8
Output .....	-2.5	-14.2	15.5	24.0	26.6	13.5	-10.3	-9.0	-1.9	4.6	11.7	19.8
Hours .....	-11.7	-15.4	6.3	12.4	13.5	8.2	-11.6	-12.0	-7.0	-2.8	3.5	10.1
Compensation per hour .....	7.4	3.8	11.3	1.6	2.8	2.9	8.6	6.9	7.0	6.0	4.8	4.6
Real compensation per hour .....	0.2	2.2	11.0	-2.6	-1.3	-1.5	2.6	2.3	3.2	2.6	2.2	1.2
Unit labor costs .....	-2.7	2.4	2.4	-7.9	-7.9	-1.9	7.0	3.4	1.4	-1.5	-2.9	-3.9
<b>NONDURABLE GOODS</b>												
Output per hour of all persons .....	8.4	0.7	7.1	7.3	13.2	3.3	1.6	3.7	3.8	5.8	7.0	7.7
Output .....	3.8	-1.2	8.8	17.3	18.6	6.6	-4.4	-1.3	2.4	7.0	10.6	12.7
Hours .....	-4.2	-1.9	1.7	9.3	4.7	3.2	-6.0	-4.8	-1.3	1.1	3.4	4.7
Compensation per hour .....	6.0	7.3	9.2	2.5	1.8	5.3	9.4	8.8	6.9	6.2	5.1	4.7
Real compensation per hour .....	-1.1	5.6	8.8	-1.7	-2.2	0.8	3.4	4.1	3.2	2.8	2.5	1.3
Unit labor costs .....	-2.2	6.6	2.0	-4.5	-10.1	2.0	7.6	4.9	3.0	0.4	-1.7	-2.8
<b>NONFINANCIAL CORPORATIONS:</b>												
Output per all-employee hour .....	3.8	0.6	3.4	6.5	4.2	N.A.	0.2	1.2	1.8	3.6	3.7	N.A.
Output .....	-0.5	-6.0	4.6	14.6	11.1	N.A.	-4.3	-3.7	-1.0	2.9	5.8	N.A.
Hours .....	-4.1	-6.5	1.2	7.6	6.6	N.A.	-4.5	-4.8	-2.7	-0.6	2.1	N.A.
Compensation per hour .....	6.4	5.4	6.0	2.9	3.0	N.A.	7.6	7.0	5.8	5.2	4.3	N.A.
Real compensation per hour .....	-0.8	3.8	5.6	-1.4	-1.1	N.A.	1.7	2.4	2.1	1.8	1.7	N.A.
Total unit costs .....	1.8	6.7	1.0	-3.5	-2.1	N.A.	7.1	5.8	3.8	1.4	0.4	N.A.
Unit labor costs .....	2.4	4.8	2.5	-3.4	-1.1	N.A.	7.4	5.7	3.9	1.5	0.6	N.A.
Unit nonlabor costs .....	0.1	11.9	-2.8	-3.8	-4.7	N.A.	6.2	6.0	3.7	1.2	-0.1	N.A.
Unit profits .....	3.8	-31.4	79.9	104.7	71.0	N.A.	-16.1	-20.3	5.8	27.3	44.2	N.A.
Implicit price deflator .....	1.9	3.6	5.1	2.5	3.1	N.A.	5.0	3.6	4.0	3.3	3.6	N.A.

p=preliminary.  
r=revised.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
<b>ALABAMA</b> .....	\$298.10	\$320.21	\$318.65	39.8	41.0	40.8	\$7.49	\$7.81	\$7.81
Birmingham.....	336.14	324.82	327.63	39.3	40.4	40.2	7.93	8.04	8.15
Mobile.....	395.37	404.21	407.27	41.4	41.5	41.9	9.55	9.74	9.72
<b>ALASKA</b> .....	432.86	521.99	(*)	32.4	33.1	(*)	13.36	15.77	(*)
<b>ARIZONA</b> .....	347.38	373.01	372.81	39.7	40.9	40.7	8.75	9.12	9.16
<b>ARKANSAS</b> .....	272.74	300.21	293.46	39.3	40.9	40.2	6.94	7.34	7.30
Fayetteville—Springdale.....	252.63	287.22	274.98	40.1	42.3	41.6	6.30	6.79	6.61
Fort Smith.....	263.96	295.37	294.97	38.2	39.7	39.7	6.91	7.44	7.43
Little Rock—North Little Rock.....	319.56	351.09	330.62	39.5	41.5	39.5	8.09	8.46	8.37
Pine Bluff.....	364.21	391.53	377.98	40.2	42.1	41.4	9.06	9.30	9.13
<b>CALIFORNIA</b> .....	369.03	386.72	385.36	39.3	40.2	40.1	9.39	9.62	9.61
<b>COLORADO</b> .....	345.74	366.68	370.52	39.2	39.9	40.1	8.82	9.19	9.24
Denver—Boulder.....	362.61	383.04	390.10	39.5	39.9	40.3	9.18	9.60	9.68
<b>CONNECTICUT</b> .....	335.29	382.75	387.60	39.4	42.2	42.5	8.51	9.07	9.12
Bridgeport.....	358.70	393.54	404.70	39.9	41.6	42.6	8.99	9.46	9.50
Hartford.....	347.47	405.88	410.18	38.1	41.8	42.2	9.12	9.71	9.72
New Britain.....	346.02	373.22	387.30	39.5	40.7	41.6	8.76	9.17	9.31
New Haven—West Haven.....	319.12	356.60	371.46	37.9	39.8	41.0	8.42	8.96	9.06
Stamford.....	322.31	358.35	361.08	38.6	40.4	40.8	8.35	8.87	8.85
Waterbury.....	288.75	329.99	349.44	39.5	42.8	44.8	7.31	7.71	7.80
<b>DELAWARE</b> .....	345.04	371.79	382.63	38.0	40.5	41.5	9.08	9.18	9.22
Wilmington.....	403.20	436.65	439.81	38.4	41.0	42.7	10.50	10.65	10.30
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA.....	350.04	388.88	390.33	36.5	38.2	38.8	9.59	10.18	10.06
<b>FLORIDA</b> .....	289.60	311.58	313.17	40.0	41.6	41.7	7.24	7.49	7.51
Fort Lauderdale—Hollywood.....	282.74	303.14	302.06	40.8	40.8	40.6	6.93	7.43	7.44
Jacksonville.....	321.57	319.59	326.42	40.5	40.2	40.6	7.94	7.95	8.04
Lakeland—Winter Haven.....	280.90	310.98	325.20	39.9	42.6	41.8	7.04	7.30	7.78
Miami.....	232.41	239.65	244.67	38.8	38.1	39.4	5.99	6.29	6.21
Orlando.....	308.66	331.78	330.91	41.1	42.7	42.1	7.51	7.77	7.86
Pensacola.....	351.78	383.56	395.02	41.0	43.0	43.6	8.58	8.92	9.06
Tampa—St. Petersburg.....	291.10	303.81	317.10	40.6	40.4	42.0	7.17	7.52	7.55
West Palm Beach—Boca Raton.....	335.32	336.00	336.26	43.1	42.0	43.0	7.78	8.00	7.82
<b>GEORGIA</b> .....	284.92	300.70	303.48	40.3	40.8	40.9	7.07	7.37	7.42
Atlanta.....	343.85	353.36	357.62	40.5	40.2	40.5	8.49	8.79	8.83
Savannah.....	346.10	410.48	413.69	38.8	43.3	43.5	8.92	9.48	9.51
<b>HAWAII</b> .....	320.93	331.39	323.38	38.9	38.4	38.0	8.25	8.63	8.51
Honolulu.....	319.28	338.19	324.05	38.1	38.3	37.9	8.38	8.83	8.55
<b>IDAHO</b> .....	315.99	343.88	333.00	36.7	37.5	37.0	8.61	9.17	9.00
Boise City.....	309.38	(*)	(*)	37.5	(*)	(*)	8.25	(*)	(*)
<b>ILLINOIS</b> .....	377.30	408.12	407.54	39.8	41.1	41.0	9.48	9.93	9.94
Bloomington—Normal.....	367.85	391.38	389.35	41.1	40.6	40.6	8.95	9.64	9.59
Champaign—Urbana—Rantoul.....	351.51	370.15	378.90	38.2	38.8	39.8	9.38	9.54	9.52
Chicago SMSA.....	367.60	402.21	400.57	39.4	41.0	41.0	9.33	9.81	9.77
Davenport—Rock Island—Moline.....	466.44	481.93	481.90	39.0	39.6	39.5	11.96	12.17	12.20
Decatur.....	495.87	524.61	491.52	41.6	40.2	38.4	11.92	13.05	12.80
Kankakee.....	306.82	321.92	325.47	38.4	38.6	38.7	7.99	8.34	8.41
Peoria.....	386.25	518.28	510.34	37.5	42.0	40.6	10.30	12.34	12.57
Rockford.....	379.60	426.97	438.60	40.0	42.4	43.0	9.49	10.07	10.20
Springfield.....	443.59	468.15	451.13	40.4	42.1	40.9	10.98	11.12	11.03
<b>INDIANA</b> .....	402.59	434.70	437.44	39.9	42.0	41.9	10.09	10.35	10.44
Gary—Hammond—East Chicago.....	525.09	(*)	(*)	38.3	(*)	(*)	13.71	(*)	(*)
Indianapolis.....	400.95	(*)	(*)	40.5	(*)	(*)	9.90	(*)	(*)
<b>IOWA</b> .....	391.17	410.87	407.15	39.0	40.4	39.8	10.03	10.17	10.23
Cedar Rapids.....	433.13	447.10	433.84	40.9	42.5	41.2	10.59	10.52	10.53
Des Moines.....	438.11	496.51	491.26	38.6	41.0	40.4	11.35	12.11	12.16

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
<b>IOWA—Continued</b>									
Dubuque .....	\$376.73	\$414.74	\$417.36	37.3	36.8	37.0	\$10.10	\$11.27	\$11.28
Sioux City .....	350.75	295.49	312.41	38.8	34.2	36.2	9.04	8.64	8.63
Waterloo—Cedar Falls .....	492.43	527.67	522.05	39.3	41.0	40.5	12.53	12.87	12.89
<b>KANSAS</b>									
Topeka .....	349.91	378.18	381.10	38.2	39.6	40.2	9.16	9.55	9.48
Wichita .....	305.86	375.01	380.43	34.6	39.6	40.3	8.84	9.47	9.44
Wichita .....	412.51	428.98	427.84	41.5	40.7	41.7	9.94	10.54	10.26
<b>KENTUCKY</b>									
Lexington—Fayette .....	331.43	359.46	357.77	38.9	39.2	39.1	8.52	9.17	9.15
Lexington—Fayette .....	362.78	381.60	384.52	38.8	39.3	39.6	9.35	9.71	9.71
Louisville .....	385.93	423.39	414.36	39.3	40.4	39.5	9.82	10.48	10.49
<b>LOUISIANA</b>									
Baton Rouge .....	386.06	422.47	421.17	39.8	41.5	41.7	9.70	10.18	10.10
Baton Rouge .....	463.60	498.10	498.37	40.0	42.5	43.0	11.59	11.72	11.59
New Orleans .....	345.60	387.60	396.06	38.4	40.0	41.0	9.00	9.69	9.66
Shreveport .....	375.47	406.19	406.43	40.2	42.4	41.6	9.34	9.58	9.77
<b>MAINE</b>									
Lewiston—Auburn .....	288.78	309.67	314.36	38.3	39.6	40.2	7.54	7.82	7.82
Lewiston—Auburn .....	228.75	241.94	246.38	37.5	38.1	38.8	6.10	6.35	6.35
Portland .....	266.52	283.84	297.89	35.3	37.2	39.3	7.55	7.63	7.58
<b>MARYLAND</b>									
Baltimore .....	331.78	372.89	379.32	36.3	40.4	40.7	9.14	9.23	9.32
Baltimore .....	351.62	397.44	407.12	36.4	41.1	41.5	9.66	9.67	9.81
<b>MASSACHUSETTS</b>									
Boston .....	293.14	329.43	(*)	37.2	39.5	(*)	7.88	8.34	(*)
Boston .....	319.02	352.41	(*)	37.4	39.2	(*)	8.53	8.99	(*)
Brockton .....	228.91	249.29	(*)	35.6	37.6	(*)	6.43	6.63	(*)
Fall River .....	205.22	236.90	(*)	33.1	35.2	(*)	6.20	6.73	(*)
Lawrence—Haverhill .....	291.75	350.20	(*)	37.5	41.2	(*)	7.78	8.50	(*)
Lowell .....	259.52	301.84	(*)	36.5	39.2	(*)	7.11	7.70	(*)
New Bedford .....	235.18	273.79	(*)	32.8	37.2	(*)	7.17	7.36	(*)
Springfield—Chicopee—Holyoke .....	304.51	344.38	(*)	38.4	40.9	(*)	7.93	8.42	(*)
Worcester .....	293.83	344.99	(*)	36.5	39.7	(*)	8.05	8.69	(*)
<b>MICHIGAN</b>									
Ann Arbor .....	472.71	529.45	520.38	41.4	43.9	43.4	11.41	12.06	11.99
Ann Arbor .....	490.00	590.54	563.86	42.6	47.3	45.0	11.50	12.50	12.52
Battle Creek .....	456.22	541.55	499.85	40.9	43.0	41.3	11.16	12.60	12.11
Bay City .....	406.51	425.29	455.64	41.1	41.4	43.0	9.90	10.27	10.59
Detroit .....	509.37	560.90	552.41	42.1	44.0	43.7	12.11	12.75	12.65
Flint .....	544.58	634.38	646.63	41.4	46.3	47.0	13.15	13.71	13.76
Grand Rapids .....	386.28	444.30	433.71	40.0	43.0	42.5	9.66	10.34	10.21
Jackson .....	411.45	433.27	421.54	42.9	43.4	42.3	9.58	9.98	9.96
Kalamazoo—Portage .....	431.31	496.55	477.00	40.4	43.3	42.1	10.67	11.47	11.32
Lansing—East Lansing .....	528.42	660.31	594.40	41.4	47.5	44.3	12.76	13.90	13.41
Muskegon—Norton Shores—Muskegon Heights .....	400.59	448.28	442.19	39.5	41.3	41.1	10.14	10.84	10.77
Saginaw .....	549.66	658.42	646.02	41.5	45.8	44.9	13.24	14.38	14.38
<b>MINNESOTA</b>									
Duluth—Superior .....	372.72	394.38	394.23	39.4	40.7	40.6	9.46	9.69	9.71
Duluth—Superior .....	363.00	410.03	409.26	37.5	38.5	38.5	9.68	10.65	10.63
Minneapolis—St. Paul .....	391.84	420.04	424.77	39.5	40.9	41.2	9.92	10.27	10.31
St. Cloud .....	308.58	321.41	321.29	37.0	37.2	37.1	8.34	8.64	8.66
<b>MISSISSIPPI</b>									
Jackson .....	257.67	280.26	280.83	39.1	40.5	40.7	6.59	6.92	6.90
Jackson .....	302.60	315.17	313.91	40.4	40.2	40.4	7.49	7.84	7.77
<b>MISSOURI</b>									
Kansas City .....	341.15	372.10	366.33	38.9	40.8	40.3	8.77	9.12	9.09
Kansas City .....	389.27	412.70	423.33	39.6	40.5	41.1	9.83	10.19	10.30
St. Joseph .....	316.03	352.41	326.02	38.4	40.6	38.4	8.23	8.68	8.49
St. Louis .....	391.84	431.60	425.58	39.5	41.5	41.0	9.92	10.40	10.38
Springfield .....	322.77	319.32	320.32	40.6	38.8	39.4	7.95	8.23	8.13
<b>MONTANA</b>									
.....	396.92	425.19	427.68	38.8	39.7	39.6	10.23	10.71	10.80
<b>NEBRASKA</b>									
Lincoln .....	338.61	358.58	356.17	39.1	40.2	40.2	8.66	8.92	8.86
Lincoln .....	327.28	386.48	377.87	38.1	40.3	40.5	8.59	9.59	9.33
Omaha .....	348.94	377.29	372.89	38.6	40.7	40.4	9.04	9.27	9.23
<b>NEVADA</b>									
Las Vegas .....	334.78	355.11	358.00	37.7	39.5	40.0	8.88	8.99	8.95
Las Vegas .....	408.77	434.27	426.53	38.6	39.3	38.6	10.59	11.05	11.05

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
<b>NEW HAMPSHIRE</b> .....	\$279.08	\$305.96	\$313.70	38.6	40.1	40.9	\$7.23	\$7.63	\$7.67
Manchester .....	273.35	287.98	288.56	38.5	38.5	39.1	7.10	7.48	7.38
Nashua .....	338.37	370.24	386.86	39.3	41.6	42.7	8.61	8.90	9.06
<b>NEW JERSEY</b> .....	350.59	389.34	395.43	38.4	41.2	41.8	9.13	9.45	9.46
Atlantic City .....	276.02	309.00	322.61	37.0	41.2	42.9	7.46	7.50	7.52
Camden <sup>2</sup> .....	363.81	394.80	398.52	37.7	42.3	40.5	9.65	9.87	9.84
Hackensack <sup>3</sup> .....	301.50	335.72	340.66	37.5	40.4	40.7	8.04	8.31	8.37
Jersey City <sup>2</sup> .....	331.63	348.33	349.60	39.2	39.9	40.0	8.46	8.73	8.74
New Brunswick—Perth Amboy—Sayreville <sup>2</sup> .....	401.70	423.69	432.00	39.0	40.7	41.3	10.30	10.41	10.46
Newark <sup>2</sup> .....	362.55	393.98	374.74	38.9	40.7	41.0	9.32	9.68	9.14
Paterson—Clifton—Passaic <sup>3</sup> .....	337.85	376.69	383.64	38.7	40.9	41.7	8.73	9.21	9.20
Trenton .....	339.58	388.40	386.16	37.9	41.1	41.3	8.96	9.45	9.35
<b>NEW MEXICO</b> .....	293.53	298.34	307.72	40.1	38.2	39.3	7.32	7.81	7.83
Albuquerque .....	285.42	283.42	300.66	38.5	37.0	39.2	7.42	7.66	7.67
<b>NEW YORK</b> .....	336.11	361.82	365.09	38.5	39.5	39.9	8.73	9.16	9.15
Albany—Schenectady—Troy .....	362.58	366.28	369.36	39.8	39.9	40.5	9.11	9.18	9.12
Binghamton .....	313.22	329.67	337.84	39.9	40.5	41.2	7.85	8.14	8.20
Buffalo .....	434.51	479.65	472.58	39.9	41.6	41.6	10.89	11.53	11.36
Elmira .....	349.27	353.76	363.45	39.6	40.2	40.7	8.82	8.80	8.93
Monroe County <sup>2</sup> .....	469.74	503.53	504.05	40.6	42.6	42.5	11.57	11.82	11.86
Nassau—Suffolk <sup>2</sup> .....	337.90	353.53	373.51	39.2	39.5	41.0	8.62	8.95	9.11
New York—Northeastern New Jersey .....	318.10	(*)	(*)	37.6	(*)	(*)	8.46	(*)	(*)
New York and Nassau—Suffolk <sup>2</sup> .....	296.24	317.25	323.47	36.8	37.5	38.1	8.05	8.46	8.49
New York SMSA <sup>4</sup> .....	282.96	305.90	306.82	36.0	36.9	37.1	7.86	8.29	8.27
New York City <sup>4</sup> .....	278.17	299.02	299.84	35.8	36.6	36.7	7.77	8.17	8.17
Poughkeepsie .....	362.90	375.73	381.94	42.1	42.6	43.7	8.62	8.82	8.74
Rochester .....	443.19	467.31	471.22	40.4	42.1	42.3	10.97	11.10	11.14
Rockland County <sup>2</sup> .....	330.50	375.31	379.49	38.7	39.8	40.5	8.54	9.43	9.37
Syracuse .....	376.67	420.62	430.31	40.2	41.4	41.9	9.37	10.16	10.27
Utica—Rome .....	319.99	351.95	345.28	39.8	41.7	41.5	8.04	8.44	8.32
Westchester County <sup>4</sup> .....	312.17	342.77	346.98	36.9	38.6	39.7	8.46	8.88	8.74
<b>NORTH CAROLINA</b> .....	250.42	273.93	274.72	38.0	39.7	39.7	6.59	6.90	6.92
Asheville .....	252.70	270.07	276.06	39.3	39.6	40.3	6.43	6.82	6.85
Charlotte—Gastonia .....	270.80	277.02	282.91	40.6	40.5	41.3	6.67	6.84	6.85
Greensboro—Winston-Salem—High Point .....	255.97	293.33	296.32	35.8	38.8	39.3	7.15	7.56	7.54
Raleigh—Durham .....	303.03	335.36	327.24	39.0	41.3	40.4	7.77	8.12	8.10
<b>NORTH DAKOTA</b> .....	288.41	299.47	303.38	37.8	38.1	38.5	7.63	7.86	7.88
Fargo—Moorhead .....	299.44	314.77	318.01	38.0	38.2	38.5	7.88	8.24	8.26
<b>OHIO</b> .....	419.35	460.70	459.19	40.4	42.5	42.4	10.38	10.84	10.83
Akron .....	433.93	472.80	474.32	42.5	43.9	44.0	10.21	10.77	10.78
Canton .....	409.93	438.34	440.37	38.6	40.4	40.7	10.62	10.85	10.82
Cincinnati .....	401.17	433.26	431.39	40.4	41.7	41.6	9.93	10.39	10.37
Cleveland .....	409.14	448.33	452.38	39.8	41.9	42.2	10.28	10.70	10.72
Columbus .....	388.00	425.60	412.27	40.0	41.2	40.3	9.70	10.33	10.23
Dayton .....	411.25	478.22	477.12	40.2	43.2	43.1	10.23	11.07	11.07
Toledo .....	462.59	492.20	500.53	41.6	43.1	43.6	11.12	11.42	11.48
Youngstown—Warren .....	496.13	576.18	560.16	40.6	44.7	43.9	12.22	12.89	12.76
<b>OKLAHOMA</b> .....	357.30	389.46	394.70	39.7	41.3	41.2	9.00	9.43	9.58
Oklahoma City .....	377.85	402.79	421.27	39.9	40.4	40.9	9.47	9.97	10.30
Tulsa .....	382.59	412.08	417.38	39.0	40.8	41.0	9.81	10.10	10.18
<b>OREGON</b> .....	392.58	411.08	407.12	38.3	39.3	38.7	10.25	10.46	10.52
Eugene—Springfield .....	419.36	431.88	411.26	39.6	40.4	38.4	10.59	10.69	10.71
Medford .....	366.32	379.06	386.32	38.0	39.2	39.3	9.64	9.67	9.83
Portland .....	398.86	424.00	424.63	38.8	40.0	39.5	10.28	10.60	10.75
Salem .....	356.21	366.60	358.16	36.2	37.6	37.0	9.84	9.75	9.68
<b>PENNSYLVANIA</b> .....	326.20	368.68	373.98	36.9	39.9	40.3	8.84	9.24	9.28
Allentown—Bethlehem—Easton .....	316.05	375.18	379.61	35.0	39.0	38.5	9.03	9.62	9.86
Alltoona .....	292.73	309.04	318.30	37.5	38.2	39.2	7.79	8.09	8.12
Delaware Valley <sup>7</sup> .....	336.50	377.10	380.49	36.3	39.2	39.8	9.27	9.62	9.56
Erie .....	370.14	402.68	404.26	39.8	41.3	41.0	9.30	9.75	9.86
Harrisburg .....	308.38	363.74	368.18	36.8	41.1	41.0	8.38	8.85	8.98
Johnstown .....	281.42	312.91	320.38	34.7	37.7	38.6	8.11	8.30	8.30

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hour			Average hourly earnings		
	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
<b>PENNSYLVANIA—Continued</b>									
Lancaster .....	\$291.67	\$348.13	\$348.65	35.7	40.2	40.4	\$8.17	\$8.66	\$8.63
Northeast Pennsylvania .....	261.00	286.90	285.01	36.3	37.7	37.8	7.19	7.61	7.54
Philadelphia SMSA .....	341.50	(*)	(*)	36.8	(*)	(*)	9.28	(*)	(*)
Pittsburgh .....	425.64	451.69	460.22	38.8	41.1	41.8	10.97	10.99	11.01
Reading .....	298.19	383.46	386.26	36.1	41.1	41.4	8.26	9.33	9.33
Williamsport .....	305.47	317.85	317.54	37.9	39.0	39.3	8.06	8.15	8.08
York .....	290.03	342.76	350.68	36.9	41.0	41.5	7.86	8.36	8.45
<b>RHODE ISLAND</b>									
Providence—Warwick—Pawtucket .....	240.08	274.40	284.21	35.1	39.2	40.2	6.84	7.00	7.07
	237.60	267.08	277.20	35.2	38.1	40.0	6.75	7.01	6.93
<b>SOUTH CAROLINA</b>									
Charleston—North Charleston .....	273.93	292.94	295.71	39.7	40.8	41.3	6.90	7.18	7.16
Columbia .....	339.48	362.52	358.20	41.4	42.4	41.7	8.20	8.55	8.59
Greenville—Spartanburg .....	260.04	280.10	285.32	39.7	39.9	40.3	6.55	7.02	7.08
	261.88	281.48	283.15	39.5	40.5	40.8	6.63	6.95	6.94
<b>SOUTH DAKOTA</b>									
Sioux Falls .....	298.05	288.81	292.63	39.9	41.2	41.1	7.47	7.01	7.12
	350.61	301.68	309.40	43.5	44.3	45.3	8.06	6.81	6.83
<b>TENNESSEE</b>									
Chattanooga .....	292.25	310.18	311.30	39.6	40.6	40.8	7.38	7.64	7.63
Knoxville .....	298.20	304.41	313.77	42.0	41.7	43.1	7.10	7.30	7.28
Memphis .....	348.33	370.92	363.26	39.9	40.1	39.7	8.73	9.25	9.15
Nashville—Davidson .....	315.87	330.47	332.35	40.6	40.9	41.7	7.78	8.08	7.97
	323.21	341.45	349.44	40.1	40.6	41.6	8.06	8.41	8.40
<b>TEXAS</b>									
Dallas—Fort Worth .....	350.00	379.54	376.41	40.0	41.8	41.5	8.75	9.08	9.07
Houston .....	348.00	375.90	369.77	40.0	42.0	41.5	8.70	8.95	8.91
San Antonio .....	424.67	472.61	474.96	39.8	43.2	43.1	10.67	10.94	11.02
	263.20	266.66	272.83	40.0	39.8	40.3	6.58	6.70	6.77
<b>UTAH</b>									
Salt Lake City—Ogden .....	333.59	359.04	360.96	38.7	40.8	41.3	8.62	8.80	8.74
	340.49	357.20	350.61	39.5	41.2	41.2	8.62	8.67	8.51
<b>VERMONT</b>									
Burlington .....	298.26	319.95	319.50	39.4	40.5	40.7	7.57	7.90	7.85
Springfield .....	355.72	375.31	373.09	41.8	42.6	42.3	8.51	8.81	8.82
	316.01	337.98	335.65	39.7	42.3	41.8	7.96	7.99	8.03
<b>VIRGINIA</b>									
Bristol .....	277.03	319.59	319.20	35.7	39.7	40.0	7.76	8.05	7.98
Lynchburg .....	245.24	263.64	267.88	38.2	39.0	38.6	6.42	6.76	6.94
Norfolk—Virginia Beach—Portsmouth .....	237.85	293.73	295.89	33.5	38.7	39.4	7.10	7.59	7.51
Northern Virginia .....	310.42	357.01	348.16	38.9	42.3	41.3	7.98	8.44	8.43
Petersburg—Colonial Heights—Hopewell .....	310.95	348.60	344.16	37.6	40.3	40.3	8.27	8.65	8.54
Richmond .....	359.10	406.80	412.08	36.2	40.0	40.8	9.92	10.17	10.10
Roanoke .....	370.03	411.20	408.83	36.1	40.0	40.2	10.25	10.28	10.17
	244.93	283.91	281.16	34.4	40.1	39.6	7.12	7.08	7.10
<b>WASHINGTON</b>									
	442.73	448.91	(*)	38.7	38.9	(*)	11.44	11.54	(*)
<b>WEST VIRGINIA</b>									
Charleston .....	366.34	396.50	390.51	38.2	40.5	40.3	9.59	9.79	9.69
Huntington—Ashland .....	440.08	506.43	507.17	40.9	43.1	43.2	10.76	11.75	11.74
Parkersburg—Marietta .....	420.69	436.36	448.54	37.9	39.1	40.3	11.10	11.16	11.13
Wheeling .....	434.43	451.82	463.26	41.1	41.3	42.0	10.57	10.94	11.03
	405.20	435.31	436.79	38.4	39.9	39.6	10.50	10.91	11.03
<b>WISCONSIN</b>									
Appleton—Oshkosh .....	388.87	421.64	418.37	40.0	41.5	41.3	9.72	10.16	10.13
Eau Claire .....	377.33	417.64	410.43	41.2	43.1	42.4	9.16	9.69	9.68
Green Bay .....	368.23	408.19	394.22	40.5	42.3	39.7	9.10	9.65	9.93
Janesville—Beloit .....	416.20	434.19	440.84	40.7	41.0	41.2	10.23	10.59	10.70
Kenosha .....	473.89	525.67	461.32	44.4	44.7	41.3	10.67	11.76	11.17
La Crosse .....	452.87	469.97	487.69	39.3	40.1	41.4	11.53	11.72	11.78
Madison .....	346.27	342.22	341.93	39.6	39.2	38.9	8.75	8.73	8.79
Milwaukee .....	373.79	376.54	368.53	39.5	40.1	39.5	9.46	9.39	9.33
Racine .....	423.14	470.67	471.63	39.9	41.8	41.7	10.74	11.26	11.31
	385.29	429.73	430.96	39.4	41.4	41.8	9.78	10.38	10.31
<b>WYOMING</b>									
	287.96	331.76	336.80	34.2	37.7	37.8	8.42	8.80	8.91

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P	FEB. 1983	JAN. 1984	FEB. 1984P
<b>VIRGIN ISLANDS</b> .....	407.77	455.52	442.73	40.9	42.1	42.9	9.97	10.82	10.32

<sup>1</sup> Area included in Chicago—Gary Standard Consolidated Statistical Area.  
<sup>2</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>3</sup> Subarea of New York—Northeastern New Jersey.  
<sup>4</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>5</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>6</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>8</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.  
 \*Not available.

NOTE: All State and area data have been adjusted to March 1983 benchmarks except, Gary—Hammond—East Chicago and Indianapolis, Indiana; Massachusetts; New Jersey; New York—Northeastern New Jersey, New York; and Wisconsin. Data for the States and areas listed above are adjusted to March 1982 benchmarks except for Wisconsin data which are adjusted to December 1982 benchmarks.

SOURCE: Cooperating State agencies listed on inside back cover.

# STATE AND AREA UNEMPLOYMENT DATA

## D-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Civilian labor force			Unemployment					
				Number			Percent of labor force		
	Feb. 1983	Jan. 1984	Feb. 1984P	Feb. 1983	Jan. 1984	Feb. 1984P	Feb. 1983	Jan. 1984	Feb. 1984P
<b>ALABAMA</b> .....	1,742.0	1,754.9	1,755.6	287.9	238.4	224.3	16.5	13.6	12.8
Birmingham .....	393.7	389.7	388.4	62.6	48.3	44.2	15.9	12.4	11.4
Huntsville .....	154.4	162.4	162.4	20.1	17.8	16.8	13.0	11.0	10.3
Mobile .....	193.6	197.3	197.6	33.4	30.7	28.5	17.3	15.6	14.4
Montgomery .....	125.9	128.4	128.8	16.2	13.9	13.3	12.9	10.8	10.3
Tuscaloosa .....	56.6	56.9	57.4	8.8	6.7	6.4	15.5	11.8	11.1
<b>ALASKA</b> .....	212.2	220.1	225.9	27.5	29.1	29.5	12.9	13.2	13.1
<b>ARIZONA</b> .....	1,365.5	1,399.4	1,403.4	148.3	87.1	79.6	10.9	6.2	5.7
Phoenix .....	837.7	880.8	884.0	71.1	42.8	38.5	8.5	4.9	4.4
Tucson .....	255.1	259.5	260.2	28.8	15.1	13.8	11.3	5.8	5.3
<b>ARKANSAS</b> .....	1,005.8	1,009.0	1,030.0	130.0	109.7	103.1	12.9	10.9	10.0
Fayetteville-Springdale .....	82.5	83.7	85.1	7.6	7.0	5.3	9.2	8.4	6.2
Fort Smith <sup>1</sup> .....	88.9	91.0	92.5	12.0	9.0	8.3	13.5	9.9	8.9
Little Rock—North Little Rock .....	195.1	199.3	201.5	18.7	16.4	15.3	9.6	8.2	7.6
Pine Bluff .....	37.6	37.0	37.9	5.1	3.5	3.7	13.5	9.4	9.7
<b>CALIFORNIA</b> <sup>2</sup> .....	12,216.6	12,357.2	12,307.7	1,451.5	1,131.5	1,081.5	11.9	9.2	8.8
Anaheim—Santa Ana—Garden Grove .....	1,217.9	1,232.4	1,243.9	100.2	67.2	61.8	8.2	5.5	5.0
Bakersfield .....	212.4	218.2	216.8	34.7	28.8	30.8	16.3	13.2	14.2
Fresno .....	284.7	287.6	282.2	53.3	44.0	44.8	18.7	15.3	15.9
Los Angeles—Long Beach <sup>2</sup> .....	3,739.0	3,789.0	3,751.0	428.0	318.0	283.0	11.5	8.4	7.5
Modesto .....	140.1	137.8	139.2	33.4	26.9	29.9	23.9	19.5	21.5
Oxnard—Simi Valley—Ventura .....	268.8	267.9	266.8	31.1	24.0	21.5	11.6	9.0	8.0
Riverside—San Bernardino—Ontario .....	647.2	652.1	647.3	82.6	66.6	63.3	12.8	10.2	9.8
Sacramento .....	524.3	535.3	536.2	66.0	56.2	55.4	12.6	10.5	10.3
Salinas—Seaside—Monterey .....	143.8	145.7	145.3	26.1	22.5	21.3	18.2	15.4	14.7
San Diego .....	852.2	864.9	862.3	89.0	65.1	59.7	10.4	7.5	6.9
San Francisco—Oakland .....	1,758.4	1,766.2	1,756.4	165.6	132.7	128.4	9.4	7.5	7.3
San Jose .....	840.7	859.9	860.0	73.8	54.7	53.0	8.8	6.4	6.2
Santa Barbara—Santa Maria—Lompoc .....	162.0	163.9	163.1	15.4	12.2	11.4	9.5	7.5	7.0
Santa Rosa .....	149.7	151.1	150.5	18.0	13.4	13.5	12.0	8.9	8.9
Stockton .....	172.6	174.9	173.7	35.1	30.8	32.1	20.4	17.6	18.5
Vallejo—Fairfield—Napa .....	142.8	144.0	142.6	19.1	16.8	15.8	13.4	11.6	11.1
<b>COLORADO</b> .....	1,617.6	1,657.3	1,663.4	134.1	100.8	92.9	8.3	6.1	5.6
Denver—Boulder .....	976.6	997.5	999.9	66.0	50.9	45.5	6.8	5.1	4.5
<b>CONNECTICUT</b> .....	1,575.7	1,594.0	1,594.1	120.3	84.2	82.1	7.6	5.3	5.2
Bridgeport .....	188.2	188.2	186.5	15.9	11.3	10.4	8.4	6.0	5.6
Hartford .....	383.9	386.6	385.9	27.2	18.6	18.7	7.1	4.8	4.9
New Britain .....	69.7	69.5	69.1	6.1	4.7	4.2	8.8	6.8	6.0
New Haven—West Haven .....	195.8	201.7	201.3	15.0	11.4	10.8	7.6	5.7	5.4
Stamford .....	121.6	124.0	123.6	6.0	4.3	4.4	4.9	3.4	3.5
Waterbury .....	103.0	103.3	103.0	10.0	6.4	6.1	9.7	6.2	5.9
<b>DELAWARE</b> .....	290.1	296.1	297.6	28.8	24.6	23.2	9.9	8.3	7.8
Wilmington <sup>1</sup> .....	258.4	263.9	265.2	24.7	21.2	20.1	9.6	8.0	7.6
<b>DISTRICT OF COLUMBIA</b> .....	317.3	321.7	316.6	40.5	39.0	38.1	12.8	12.1	12.0
Washington SMSA <sup>1</sup> .....	1,725.8	1,787.1	1,781.0	104.5	91.1	84.8	6.1	5.1	4.8
<b>FLORIDA</b> <sup>2</sup> .....	4,682.3	4,984.4	4,991.1	444.3	367.0	306.2	9.5	7.4	6.1
Daytona Beach .....	114.9	122.9	122.8	9.7	8.1	6.2	8.5	6.6	5.1
Fort Lauderdale—Hollywood .....	492.8	523.0	521.6	40.4	31.7	25.1	8.2	6.1	4.8
Fort Myers—Cape Coral .....	105.8	110.1	111.1	11.0	6.9	5.8	10.4	6.2	5.3
Gainesville .....	79.5	83.0	84.2	4.3	3.6	3.2	5.3	4.3	3.8
Jacksonville .....	344.8	369.2	369.6	31.3	27.5	24.1	9.1	7.4	6.5
Lakeland—Winter Haven .....	148.5	152.9	150.9	22.0	17.0	14.3	14.8	11.1	9.5
Melbourne—Titusville—Cocoa .....	127.0	141.0	141.3	11.5	9.4	8.3	9.1	6.7	5.8
Miami .....	812.0	858.1	849.1	83.7	73.9	55.9	10.3	8.6	6.6
Orlando .....	398.9	438.9	440.6	31.3	27.1	24.3	7.8	6.2	5.5
Pensacola .....	124.7	133.4	135.5	10.9	9.1	8.2	8.7	6.8	6.0
Sarasota .....	86.4	92.3	98.5	7.5	5.2	3.9	8.7	5.6	3.9
Tallahassee .....	85.1	90.5	91.5	4.7	4.2	4.1	5.5	4.7	4.5
Tampa—St. Petersburg .....	741.5	788.6	787.3	65.5	51.5	44.8	8.8	6.5	5.7
West Palm Beach—Boca Raton .....	291.7	310.7	314.4	24.2	20.5	17.3	8.3	6.6	5.5

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployment					
				Number			Percent of labor force		
	Feb. 1983	Jan. 1984	Feb. 1984P	Feb. 1983	Jan. 1984	Feb. 1984P	Feb. 1983	Jan. 1984	Feb. 1984P
<b>GEORGIA</b> .....	2,637.1	2,656.8	2,683.0	230.6	176.4	176.2	8.7	6.6	6.6
Albany.....	52.5	52.5	52.2	5.4	4.9	4.7	10.3	9.3	8.9
Athens.....	65.9	65.9	66.1	5.3	3.7	3.7	8.1	5.6	5.5
Atlanta.....	1,100.6	1,124.6	1,135.5	80.4	59.9	62.0	7.3	5.3	5.5
Augusta.....	136.7	134.1	135.1	13.1	10.5	10.3	9.6	7.8	7.7
Columbus <sup>1</sup> .....	87.9	89.2	88.9	9.1	7.8	7.5	10.4	8.7	8.4
Macon.....	108.9	108.8	108.9	9.2	7.9	8.0	8.4	7.2	7.3
Savannah.....	98.4	97.8	98.5	9.7	7.0	7.3	9.8	7.1	7.4
<b>HAWAII</b> .....	470.9	469.1	473.6	31.2	26.8	26.5	6.6	5.7	5.6
Honolulu.....	359.2	358.6	362.3	21.3	18.1	17.5	5.9	5.1	4.8
<b>IDAHO</b> .....	437.2	443.1	445.7	53.9	38.9	38.4	12.3	8.8	8.6
Boise City.....	94.5	96.3	97.3	9.1	6.1	6.3	9.7	6.3	6.4
<b>ILLINOIS<sup>2</sup></b> .....	5,586.6	5,504.3	5,548.9	771.6	589.4	558.9	13.8	10.7	10.1
Bloomington—Normal.....	64.4	64.1	65.5	6.3	4.8	4.6	9.7	7.5	7.0
Champaign—Urbana—Rantoul.....	85.2	83.3	88.4	6.2	5.7	5.5	7.3	6.8	6.2
Chicago.....	3,453.9	3,409.5	3,440.0	431.2	326.8	310.0	12.5	9.6	9.0
Davenport—Rock Island—Moline <sup>1</sup> .....	192.1	186.5	186.5	33.8	24.7	23.8	17.6	13.2	12.8
Decatur.....	64.2	61.8	61.9	12.2	7.8	7.3	19.0	12.6	11.8
Kankakee.....	42.4	41.0	40.8	8.6	6.3	5.9	20.2	15.3	14.3
Peoria.....	176.7	165.6	166.0	34.0	23.1	21.5	19.3	14.0	12.9
Rockford.....	139.0	136.9	137.4	23.8	15.6	14.8	17.1	11.4	10.8
Springfield.....	103.0	103.3	104.2	10.6	8.5	7.8	10.3	8.2	7.5
<b>INDIANA</b> .....	2,586.5	2,578.9	2,561.3	370.5	310.0	282.3	14.3	12.0	11.0
Anderson.....	55.5	55.5	55.0	9.9	5.9	5.3	17.4	10.6	9.6
Elkhart.....	71.8	78.5	78.4	6.9	6.5	5.1	9.6	8.2	6.6
Evansville <sup>1</sup> .....	149.9	149.0	149.0	19.3	16.4	15.8	12.9	11.0	10.6
Fort Wayne.....	184.8	181.9	180.5	26.7	20.7	19.2	14.4	11.4	10.7
Gary—Hammond—East Chicago.....	280.5	269.7	266.4	53.4	47.2	43.7	19.0	17.5	16.4
Indianapolis.....	597.2	603.0	599.4	68.7	59.5	55.0	11.5	9.9	9.2
Lafayette—West Lafayette.....	64.2	64.4	64.8	6.1	5.0	5.0	9.6	7.8	7.8
Muncie.....	55.4	54.4	54.6	8.9	7.1	6.3	16.0	13.0	11.6
South Bend.....	139.8	139.7	139.8	16.1	12.8	12.0	11.5	9.1	8.6
Terre Haute.....	81.3	81.3	81.0	13.2	11.7	10.9	16.2	14.4	13.5
<b>IOWA</b> .....	1,387.1	1,391.6	1,400.0	150.4	114.9	120.0	10.8	8.3	8.6
Cedar Rapids.....	85.1	83.7	83.5	9.4	6.7	7.0	11.0	8.1	8.4
Des Moines.....	184.7	188.1	187.5	16.3	12.2	12.4	8.8	6.5	6.6
Dubuque.....	42.6	42.6	42.2	7.2	4.5	4.4	17.0	10.6	10.5
Sioux City <sup>1</sup> .....	53.2	54.6	54.4	5.0	4.4	4.6	9.3	8.0	8.5
Waterloo—Cedar Falls.....	66.2	64.4	64.4	9.4	7.8	7.9	14.2	12.0	12.3
<b>KANSAS</b> .....	1,162.1	1,147.5	1,159.5	90.9	66.9	64.9	7.8	5.8	5.6
Lawrence.....	34.2	33.1	33.9	1.9	1.6	1.6	5.4	4.9	4.8
Topeka.....	93.7	92.8	93.6	7.7	6.6	6.1	8.2	7.1	6.5
Wichita.....	217.4	218.1	220.8	21.8	12.9	12.8	10.0	5.9	5.8
<b>KENTUCKY</b> .....	1,686.0	1,723.4	1,708.5	244.0	198.4	181.1	14.5	11.5	10.6
Lexington—Fayette.....	182.5	189.3	189.1	12.7	10.6	8.9	6.9	5.6	4.7
Louisville <sup>1</sup> .....	434.5	431.2	429.7	60.6	45.4	41.9	14.0	10.5	9.8
Owensboro.....	44.0	46.0	45.5	5.6	4.7	4.3	12.7	10.2	9.5
<b>LOUISIANA</b> .....	1,875.5	1,887.8	1,889.8	238.2	200.0	185.3	12.7	10.6	9.8
Alexandria.....	74.9	76.6	76.9	9.7	8.2	7.8	13.0	10.8	10.2
Baton Rouge.....	233.8	239.9	241.5	23.4	20.2	18.6	10.0	8.4	7.7
Lafayette.....	95.1	95.2	95.9	7.4	6.8	6.2	7.7	7.1	6.5
Lake Charles.....	77.0	76.8	75.8	11.5	11.6	10.7	15.0	15.2	14.2
Monroe.....	59.8	58.5	58.6	7.5	6.0	5.7	12.6	10.3	9.7
New Orleans.....	521.5	530.2	529.1	57.4	47.8	44.8	11.0	9.0	8.5
Shreveport.....	167.2	167.9	167.7	21.8	16.1	14.5	13.0	9.6	8.7
<b>MAINE</b> .....	512.1	509.7	514.7	55.5	48.1	45.5	10.8	9.4	8.8
Lewiston—Auburn.....	38.0	38.1	38.2	4.4	3.5	3.3	11.5	9.3	8.6
Portland.....	95.0	98.3	99.3	7.4	5.9	5.8	7.8	6.0	5.8
<b>MARYLAND</b> .....	2,165.8	2,200.8	2,193.9	190.7	149.0	135.6	8.8	6.8	6.2
Baltimore.....	1,070.4	1,077.9	1,070.3	107.0	80.8	73.7	10.0	7.5	6.9

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployment					
				Number			Percent of labor force		
	Feb. 1983	Jan. 1984	Feb. 1984P	Feb. 1983	Jan. 1984	Feb. 1984P	Feb. 1983	Jan. 1984	Feb. 1984P
<b>MASSACHUSETTS<sup>1</sup></b> .....	2,888.1	3,011.0	2,985.7	236.3	221.1	189.0	8.2	7.3	6.3
Boston .....	1,403.0	1,467.0	1,459.1	92.6	88.9	75.5	6.6	6.1	5.2
Brockton .....	79.5	82.6	81.3	7.3	6.9	5.9	9.2	8.4	7.3
Fall River <sup>1</sup> .....	76.6	80.5	78.1	9.6	9.0	7.5	12.5	11.1	9.6
Lawrence—Haverhill <sup>1</sup> .....	144.3	147.6	146.2	13.3	11.0	10.1	9.2	7.5	6.9
Lowell <sup>1</sup> .....	131.1	141.8	141.8	8.3	7.8	6.5	6.4	5.5	4.6
New Bedford .....	82.3	86.8	86.1	10.6	9.4	8.0	12.9	10.8	9.2
Springfield—Chicopee—Holyoke .....	281.7	290.0	288.4	23.3	23.3	20.6	8.3	8.0	7.1
Worcester .....	193.2	191.9	190.1	18.4	13.8	11.8	9.5	7.2	6.2
<b>MICHIGAN<sup>2</sup></b> .....	4,248.3	4,146.0	4,244.7	701.0	529.5	535.2	16.5	12.8	12.6
Ann Arbor .....	141.5	N.A.	N.A.	14.5	N.A.	N.A.	10.2	N.A.	N.A.
Battle Creek .....	78.9	N.A.	N.A.	13.8	N.A.	N.A.	17.5	N.A.	N.A.
Bay City .....	52.5	N.A.	N.A.	10.0	N.A.	N.A.	19.1	N.A.	N.A.
Benton Harbor .....	71.2	N.A.	N.A.	12.9	N.A.	N.A.	18.1	N.A.	N.A.
Detroit .....	1,964.6	N.A.	N.A.	329.2	N.A.	N.A.	16.8	N.A.	N.A.
Flint .....	217.3	N.A.	N.A.	43.0	N.A.	N.A.	19.8	N.A.	N.A.
Grand Rapids .....	328.7	N.A.	N.A.	43.2	N.A.	N.A.	13.1	N.A.	N.A.
Jackson .....	64.9	N.A.	N.A.	11.3	N.A.	N.A.	17.4	N.A.	N.A.
Kalamazoo—Portage .....	137.6	N.A.	N.A.	16.3	N.A.	N.A.	11.8	N.A.	N.A.
Lansing—East Lansing .....	241.7	N.A.	N.A.	28.3	N.A.	N.A.	11.7	N.A.	N.A.
Muskegon—Norton Shores—Muskegon Heights .....	75.5	N.A.	N.A.	15.2	N.A.	N.A.	20.1	N.A.	N.A.
Saginaw .....	97.0	N.A.	N.A.	16.8	N.A.	N.A.	17.3	N.A.	N.A.
<b>MINNESOTA</b> .....	2,125.6	2,149.3	2,147.0	223.6	167.1	158.0	10.5	7.8	7.4
Duluth—Superior <sup>1</sup> .....	113.4	105.3	102.7	25.8	17.3	13.9	22.7	16.4	13.5
Minneapolis—St. Paul .....	1,158.5	1,186.0	1,185.5	94.0	65.3	62.3	8.1	5.5	5.3
Rochester .....	57.4	59.2	58.9	4.0	3.0	2.9	6.9	5.1	4.9
St. Cloud .....	75.7	78.5	78.5	9.4	7.6	7.3	12.4	9.7	9.2
<b>MISSISSIPPI</b> .....	1,055.7	1,022.9	1,020.9	155.6	113.2	110.5	14.7	11.1	10.8
Jackson .....	156.5	154.6	155.0	14.7	10.6	10.5	9.4	6.9	6.8
<b>MISSOURI<sup>1</sup></b> .....	2,320.1	2,322.7	2,336.8	281.9	237.6	224.2	12.2	10.2	9.6
Kansas City <sup>1</sup> .....	679.7	676.7	677.2	68.5	53.2	45.9	10.1	7.9	6.8
St. Joseph .....	46.0	45.0	45.5	6.2	4.6	4.5	13.4	10.3	9.9
St. Louis <sup>1</sup> .....	1,135.1	1,142.0	1,152.6	139.9	121.6	116.6	12.3	10.6	10.1
Springfield .....	110.7	114.3	113.7	10.9	9.0	8.3	9.8	7.9	7.3
<b>MONTANA</b> .....	382.4	390.1	389.7	43.0	40.7	38.4	11.2	10.4	9.9
<b>NEBRASKA</b> .....	762.0	762.1	763.1	57.5	44.6	42.9	7.5	5.9	5.6
Lincoln .....	108.3	106.5	107.7	6.1	4.4	4.2	5.6	4.1	3.9
Omaha <sup>1</sup> .....	283.6	287.2	288.1	21.6	16.9	16.3	7.6	5.9	5.7
<b>NEVADA</b> .....	475.3	487.0	488.1	58.4	44.5	41.3	12.3	9.1	8.5
Las Vegas .....	267.6	274.7	275.6	32.9	25.3	24.6	12.3	9.2	8.9
Reno .....	129.4	132.2	132.5	14.3	10.5	9.0	11.1	7.9	6.8
<b>NEW HAMPSHIRE</b> .....	482.9	498.4	501.8	39.5	26.1	25.7	8.2	5.2	5.1
Manchester .....	85.7	87.9	88.2	7.5	4.4	4.2	8.7	5.1	4.8
Nashua .....	83.2	87.3	88.3	5.9	3.2	3.2	7.1	3.7	3.7
<b>NEW JERSEY</b> .....	3,564.7	3,750.2	3,761.1	325.2	286.6	253.3	9.1	7.6	6.7
Atlantic City .....	115.4	125.4	124.3	12.1	12.6	10.3	10.5	10.0	8.3
Jersey City .....	233.8	243.0	243.5	33.3	30.9	27.4	14.2	12.7	11.3
Long Branch—Asbury Park .....	241.2	257.6	258.6	21.0	18.0	16.0	8.7	7.0	6.2
New Brunswick—Perth Amboy—Sayreville .....	334.5	350.2	353.0	26.9	23.2	20.1	8.0	6.6	5.7
Newark .....	958.4	1,013.4	1,016.1	81.3	70.6	62.0	8.5	7.0	6.1
Paterson—Clifton—Passaic .....	212.4	224.4	224.1	24.0	21.6	19.4	11.3	9.6	8.7
Trenton .....	159.0	166.6	167.5	12.1	9.8	8.9	7.6	5.9	5.3
Vineland—Millville—Bridgeton .....	57.0	59.9	59.5	9.4	9.5	8.5	16.5	15.8	14.4
<b>NEW MEXICO</b> .....	595.5	599.7	604.9	68.4	54.8	53.0	11.5	9.1	8.8
Albuquerque .....	225.3	230.0	232.6	20.7	18.5	16.8	9.2	8.0	7.2
Las Cruces .....	40.1	41.3	42.2	4.1	3.5	3.4	10.3	8.4	8.1

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployment					
				Number			Percent of labor force		
	Feb. 1983	Jan. 1984	Feb. 1984P	Feb. 1983	Jan. 1984	Feb. 1984P	Feb. 1983	Jan. 1984	Feb. 1984P
<b>NEW YORK<sup>1</sup></b> .....	7,895.5	7,888.4	7,994.7	751.5	637.0	649.2	9.5	8.1	8.1
Albany—Schenectady—Troy.....	377.4	368.7	376.2	32.4	27.0	25.1	8.6	7.3	6.7
Binghamton <sup>1</sup> .....	140.1	137.8	138.5	13.5	9.8	9.2	9.7	7.1	6.6
Buffalo.....	541.2	520.8	528.5	78.6	60.7	60.9	14.5	11.7	11.5
Elmira.....	37.5	36.2	37.1	5.5	3.6	4.1	14.5	9.8	10.9
Nassau-Suffolk.....	1,336.3	1,346.9	1,365.2	97.4	84.1	78.5	7.3	6.2	5.7
New York.....	3,548.7	3,623.0	3,664.1	310.5	276.9	310.6	8.7	7.6	8.5
New York City <sup>2</sup> .....	2,932.0	3,006.0	3,044.0	271.0	244.0	279.0	9.2	8.1	9.2
Poughkeepsie.....	114.4	113.3	115.2	7.8	7.0	6.5	6.8	6.2	5.7
Rochester.....	481.2	463.4	470.8	49.5	38.6	36.0	10.3	8.3	7.6
Syracuse.....	305.2	297.5	303.7	31.7	23.4	22.0	10.4	7.9	7.2
Utica—Rome.....	132.9	130.8	131.4	14.9	12.4	11.4	11.2	9.5	8.6
<b>NORTH CAROLINA</b> .....	2,919.8	2,930.6	2,930.3	330.9	236.7	222.1	11.3	8.1	7.6
Asheville.....	86.6	84.6	84.9	9.3	6.8	6.5	10.8	8.0	7.6
Charlotte—Gastonia.....	373.5	376.3	376.5	31.2	23.4	21.3	8.3	6.2	5.7
Greensboro—Winston-Salem—High Point.....	443.0	444.0	444.9	43.6	29.5	28.2	9.8	6.7	6.3
Raleigh—Durham.....	319.4	324.3	326.6	17.6	13.6	12.4	5.5	4.2	3.8
<b>NORTH DAKOTA</b> .....	294.5	298.3	303.8	23.3	23.4	22.6	7.9	7.9	7.4
Fargo—Moorehead <sup>1</sup> .....	71.2	73.5	74.0	4.6	4.1	3.9	6.4	5.6	5.3
<b>OHIO<sup>3</sup></b> .....	4,913.2	4,963.8	4,925.3	710.9	511.7	499.2	14.5	10.3	10.1
Akron.....	293.2	297.5	298.5	42.3	33.2	34.7	14.4	11.2	11.6
Canton.....	183.2	182.3	180.9	32.4	22.5	21.8	17.7	12.3	12.1
Cincinnati <sup>1</sup> .....	662.5	679.0	669.5	81.0	62.9	58.7	12.2	9.3	8.8
Cleveland.....	896.8	899.5	889.1	116.3	83.7	80.8	13.0	9.3	9.1
Columbus.....	548.1	575.1	568.9	53.8	45.4	43.2	9.8	7.9	7.6
Dayton.....	377.5	385.5	383.4	46.2	32.5	33.4	12.2	8.4	8.7
Toledo <sup>1</sup> .....	361.9	N.A.	N.A.	53.6	N.A.	N.A.	14.8	N.A.	N.A.
Youngstown—Warren.....	219.7	218.3	214.9	44.9	28.6	26.4	20.5	13.1	12.3
<b>OKLAHOMA</b> .....	1,519.9	1,524.1	1,527.8	153.4	131.4	122.2	10.1	8.6	8.0
Enid.....	31.4	31.4	31.5	2.9	2.2	1.9	9.2	7.1	6.1
Lawton.....	38.8	38.5	38.6	2.7	2.5	2.3	7.0	6.5	5.9
Oklahoma City.....	468.0	474.2	477.4	35.3	30.4	28.5	7.5	6.4	6.0
Tulsa.....	369.7	368.6	368.9	40.1	34.6	32.6	10.9	9.4	8.8
<b>OREGON</b> .....	1,315.2	1,301.4	1,293.4	177.8	156.8	140.9	13.5	12.0	10.9
Eugene—Springfield.....	130.7	129.9	129.7	18.3	15.9	14.9	14.0	12.2	11.5
Medford.....	63.1	63.7	62.9	9.4	7.8	7.1	14.9	12.3	11.3
Portland <sup>1</sup> .....	661.4	649.7	645.1	79.5	66.9	58.2	12.0	10.3	9.0
Salem.....	121.6	120.2	120.2	15.9	14.5	12.8	13.1	12.1	10.7
<b>PENNSYLVANIA<sup>2</sup></b> .....	5,381.2	5,383.5	5,343.7	760.3	542.3	585.9	14.1	10.1	11.0
Allentown—Bethlehem—Easton <sup>1</sup> .....	303.3	304.0	300.7	43.9	30.0	28.9	14.5	9.9	9.6
Altoona.....	54.9	54.2	54.9	10.4	7.2	8.9	19.0	13.2	16.2
Erie.....	123.7	121.0	120.4	21.4	15.0	15.1	17.3	12.4	12.6
Harrisburg.....	230.7	238.8	234.4	20.3	15.7	16.0	8.8	6.6	6.8
Johnstown.....	105.0	99.8	100.0	27.2	16.0	17.7	25.9	16.0	17.7
Lancaster.....	179.0	185.4	183.6	16.4	10.5	11.5	9.1	5.7	6.3
Northeast Pennsylvania.....	282.6	286.7	284.6	38.4	34.0	35.4	13.6	11.9	12.4
Philadelphia <sup>1</sup> .....	2,213.0	2,213.0	2,200.8	208.9	159.3	168.9	9.7	7.2	7.7
Pittsburgh.....	1,013.2	990.6	984.3	168.2	118.0	130.5	16.6	11.9	13.3
Reading.....	155.8	160.5	158.0	20.0	12.5	13.4	12.9	7.8	8.5
Sharon.....	53.1	50.2	49.9	11.5	7.3	7.7	21.6	14.6	15.4
State College.....	51.7	50.6	52.1	6.6	4.4	5.2	12.7	8.8	10.0
Williamsport.....	51.7	52.4	52.4	9.1	6.8	7.3	17.5	12.9	14.0
York.....	176.4	179.0	175.8	24.2	18.7	18.2	13.7	10.5	10.4
<b>RHODE ISLAND</b> .....	471.5	477.2	475.9	50.2	38.2	36.9	10.6	8.0	7.7
Providence—Warwick—Pawtucket <sup>1</sup> .....	465.0	469.4	468.4	51.6	38.8	37.2	11.1	8.3	7.9
<b>SOUTH CAROLINA</b> .....	1,463.0	1,451.2	1,462.3	182.6	123.7	115.2	12.5	8.5	7.9
Charleston—North Charleston.....	176.1	175.6	177.1	17.1	12.3	11.5	9.7	7.0	6.5
Columbia.....	197.2	202.0	203.7	16.0	11.1	10.1	8.1	5.5	4.9
Greenville—Spartanburg.....	291.0	284.4	285.9	33.4	20.4	19.2	11.5	7.2	6.7
<b>SOUTH DAKOTA</b> .....	314.4	313.7	318.5	22.7	17.4	17.2	7.2	5.5	5.4
Sioux Falls.....	62.8	65.8	65.4	3.6	3.2	2.8	5.8	4.9	4.3
<b>TENNESSEE</b> .....	2,145.7	2,200.0	2,194.0	303.5	244.6	217.8	14.1	11.1	9.9
Chattanooga <sup>1</sup> .....	195.1	198.0	196.8	22.9	19.1	17.5	11.7	9.6	8.9
Knoxville.....	228.3	233.7	232.5	28.0	23.9	20.5	12.2	10.2	8.8
Memphis <sup>1</sup> .....	421.2	411.0	410.8	46.6	39.2	35.5	11.1	9.5	8.6
Nashville—Davidson.....	438.8	461.4	461.4	43.6	33.5	29.8	9.9	7.3	6.5

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployment					
				Number			Percent of labor force		
	Feb. 1983	Jan. 1984	Feb. 1984P	Feb. 1983	Jan. 1984	Feb. 1984P	Feb. 1983	Jan. 1984	Feb. 1984P
<b>TEXAS<sup>2</sup></b>	7,551.9	7,634.7	7,625.3	666.5	555.8	450.1	8.8	7.3	5.9
Abilene	77.1	77.0	76.8	4.4	4.1	3.0	5.7	5.4	3.9
Amarillo	95.9	98.6	98.7	5.9	5.5	4.7	6.2	5.6	4.8
Austin	323.1	331.7	335.1	17.1	13.0	9.5	5.3	3.9	2.8
Beaumont—Port Arthur—Orange	184.1	175.8	175.6	28.5	22.5	19.3	15.5	12.8	11.0
Brownsville—Harlingen—San Benito	91.0	91.6	90.8	15.0	14.7	12.4	16.4	16.0	13.7
Bryan—College Station	54.6	53.7	55.9	2.7	2.6	2.0	5.0	4.8	3.6
Corpus Christi	168.1	162.8	162.3	17.3	16.2	13.6	10.3	10.0	8.4
Dallas—Fort Worth	1,752.7	1,820.0	1,826.3	105.6	83.4	64.9	6.0	4.6	3.6
El Paso	197.4	194.9	194.8	26.9	21.6	18.6	13.6	11.1	9.5
Galveston—Texas City	92.3	90.7	89.8	13.1	9.5	8.0	14.2	10.5	8.9
Houston	1,762.5	1,744.2	1,735.7	172.4	139.1	113.3	9.8	8.0	6.5
Killeen—Temple	70.9	74.2	73.8	5.2	4.6	3.5	7.3	6.2	4.7
Laredo	43.1	40.1	38.9	12.3	9.0	7.4	28.6	22.5	19.1
Longview—Marshall	80.5	79.4	78.5	10.1	8.0	6.4	12.5	10.0	8.1
Lubbock	112.4	112.1	112.6	7.1	8.2	6.4	6.3	7.3	5.6
McAllen—Pharr—Edinburg	119.4	118.3	117.3	24.3	30.4	27.1	20.4	25.7	23.1
Midland	64.1	68.9	69.2	3.9	3.4	2.7	6.0	4.9	3.8
Odessa	72.5	73.8	73.4	6.2	5.0	3.9	8.6	6.7	5.3
San Angelo	49.9	49.7	49.8	2.8	2.4	1.9	5.6	4.9	3.9
San Antonio	489.5	510.1	510.8	33.6	30.4	23.1	6.9	6.0	4.5
Sherman—Denison	40.5	40.1	40.2	4.2	2.8	2.5	10.4	6.9	6.1
Texarkana	51.3	52.0	51.8	5.7	5.0	4.4	11.2	9.6	8.6
Tyler	77.1	77.8	77.8	5.3	4.4	3.5	6.9	5.6	4.5
Waco	87.8	90.2	90.8	6.0	4.8	3.7	6.8	5.3	4.1
Wichita Falls	66.6	69.0	67.9	5.7	4.8	3.0	8.5	7.0	4.4
<b>UTAH</b>	677.9	700.6	698.8	75.8	59.9	55.8	11.2	8.6	8.0
Salt Lake City—Ogden	444.1	462.2	457.4	45.8	35.3	29.3	10.3	7.6	6.4
<b>VERMONT</b>	266.6	264.2	264.3	23.0	19.0	20.1	8.6	7.2	7.6
Burlington	71.0	70.1	70.9	4.2	3.7	3.9	5.9	5.2	5.5
<b>VIRGINIA</b>	2,650.2	2,702.5	2,701.6	213.6	163.8	145.6	8.1	6.1	5.4
Lynchburg	75.4	76.7	76.2	7.1	5.4	4.1	9.4	7.0	5.4
Newport News—Hampton	168.0	175.2	176.2	11.3	8.9	8.1	6.8	5.1	4.6
Norfolk—Virginia Beach—Portsmouth	341.4	354.8	355.2	24.3	18.2	16.7	7.1	5.1	4.7
Petersburg—Colonial Heights—Hopewell	56.8	54.6	54.4	6.6	5.3	5.0	11.7	9.8	9.2
Richmond	341.0	348.4	348.6	20.7	16.3	13.3	6.1	4.7	3.8
Roanoke	109.7	111.9	112.5	8.8	6.6	6.3	8.0	5.9	5.6
<b>WASHINGTON</b>	2,009.3	2,068.0	2,059.9	269.6	253.0	242.9	13.4	12.2	11.8
<b>WEST VIRGINIA</b>	777.9	754.4	750.6	167.7	128.5	123.7	21.6	17.0	16.5
Charleston	121.2	120.3	120.7	18.6	16.0	16.1	15.4	13.3	13.3
Huntington—Ashland <sup>1</sup>	121.8	121.1	118.3	23.7	20.4	18.4	19.5	16.8	15.6
Parkersburg—Martietta <sup>1</sup>	73.0	72.3	72.6	12.1	9.2	9.9	16.6	12.8	13.6
Wheeling <sup>1</sup>	80.4	77.9	78.2	15.2	10.9	12.1	18.9	14.1	15.4
<b>WISCONSIN</b>	2,438.4	2,421.1	2,421.7	334.3	239.6	226.4	13.7	9.9	9.3
Appleton—Oshkosh	155.7	155.5	155.3	20.1	15.0	14.2	12.9	9.6	9.1
Eau Claire	61.5	61.8	62.2	7.7	6.6	6.5	12.5	10.8	10.5
Green Bay	93.5	95.1	94.6	11.2	9.0	8.3	12.0	9.5	8.8
Janesville—Beloit	72.6	71.3	70.9	11.2	6.9	6.5	15.4	9.6	9.1
Kenosha	61.9	61.5	60.3	8.6	5.4	5.1	13.9	8.8	8.5
La Crosse	51.1	51.6	51.7	5.6	4.7	4.5	11.0	9.2	8.7
Madison	190.9	192.6	194.3	15.9	13.3	12.3	8.3	6.9	6.3
Milwaukee	725.1	706.4	705.5	94.6	60.2	55.9	13.0	8.5	7.9
Racine	88.6	84.5	83.7	17.1	8.5	7.8	19.4	10.1	9.3
<b>WYOMING</b>	249.4	251.0	252.7	25.1	17.0	16.5	10.1	6.8	6.5

<sup>1</sup> Includes interstate portion of area located in adjacent State.

<sup>2</sup> Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1982 have been benchmarked to 1982 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1983 are provisional and will be revised when new benchmark information

becomes available. Data refer to place of residence.

p = preliminary.

N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

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.

# 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 based on payroll reports from a sample of establishments employing over 30 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 approach 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 workers' sole or primary job. Data from the establishment survey generally refer to mean 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 \$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 annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some 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

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, ethnic 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 blood 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-4 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.

*Major activity: Going to school* and *Major activity: Other* are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. These statistics are published in table A-6 for 16- to 21-year-olds by employment status, race and sex, and if unemployed, whether seeking full-or part-time work.

*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.

The *poverty areas* classification consists of all census geographic divisions in which 20 percent or more of the residents were poor according to the 1970 decennial census. Persons were classified as poor or not poor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence, (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas, and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 decennial census and does not include any subsequent additions or changes. *Nonmetropolitan areas* refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

*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 and the incorporated self-employed, who usually work full time on their sole or primary job.

*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.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. A more detailed account of the history of the CPS sample design appears in *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, or *Concepts and Methods Used in Labor Force Statistics Derived From the Current Population Survey*, Report 463 Bureau of Labor Statistics.

### ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The estimation procedure involves weighting the data from each sample person. 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

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 .....	<sup>1</sup> 330	33,500	1,500	8,000
Jan. 1960 to Feb. 1963 .....	<sup>2</sup> 333	33,500	1,500	8,000
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 .....	814	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

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

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

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 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 independent 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 repre-

sent 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

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

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 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 indifferent 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 tables F (0.12 percentage point). The appropriate factor, then, from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by  $0.12 \times 1.40 = 0.17$  percentage point. The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to

CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

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

Where  $x$  is the estimate for one quarter and  $Y$  is the estimate for another quarter. The coefficient,  $P$ , is a measure of the correlation between the estimates  $X$  and  $Y$  resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of  $P$  are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

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

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

or about 259,000.

**Table D. Standard errors for estimates of monthly level**

(In thousands)

Estimated monthly level	Characteristic <sup>1</sup>								
	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	46	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	-	286	-	-	-	141	-	-	-
70,000	-	293	-	-	-	61	-	-	-
80,000	-	293	-	-	-	-	-	-	-
100,000	-	273	-	-	-	-	-	-	-
120,000	-	231	-	-	-	-	-	-	-

<sup>1</sup> 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 <sup>1</sup>							
	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 <sup>2</sup>	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	86	-	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	-	-	-	-	-	-	-

<sup>1</sup> See footnote 1, table D.

<sup>2</sup> 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 .....	.68	.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	1.83	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	.98	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 .....	.66	.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	1.58	1.62	1.70
4,000 .....	.24	.34	.52	.72	.86	.98	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	-	238	201	174	-	242	-
50,000 .....	296	301	-	-	-	-	-	-	-
75,000 .....	331	304	-	-	-	-	-	-	-
100,000 .....	343	255	-	-	-	-	-	-	-

# Establishment Data (B and C tables)

## COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

### 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 in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies 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.

*Gross 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.

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

Since overtime hours are premium hours by definition, gross 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 gross 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. Gross 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. Gross 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 gross 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 is 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 payrolls and hours.* The indexes of aggregate weekly payrolls and 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, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher level of industry aggregation, hour and payroll 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 employ-

ment over the specified time span. The indexes are calculated from 186 unpublished 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, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. 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 comprehensive counts of employment which provide “benchmarks” for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1982 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

**Table L. Summary of methods for computing industry statistics on employment, hours, and earnings**

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
<b>Monthly data</b>		
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. <sup>1</sup>	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees .....	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. <sup>2</sup>	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours .....	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers. <sup>2</sup>	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. <sup>2</sup>	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings .....	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours. <sup>2</sup>	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings .....	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
<b>Annual average data</b>		
All employees, women employees, and production or nonsupervisory workers .....	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross 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
Gross 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 by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings .....	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

<sup>1</sup> The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

<sup>2</sup> 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.

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 1982 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 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,

**Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1982**

Industry division	Benchmark, March 1982	Estimate, March 1982	Percent difference
Total .....	89,566,000	89,679,000	0.1
Mining .....	1,205,000	1,178,000	2.2
Construction .....	3,638,000	3,631,000	.2
Manufacturing .....	19,213,000	19,207,000	( <sup>1</sup> )
Transportation and public utilities .....	5,070,000	5,049,000	.4
Wholesale and retail trade .....	20,062,000	20,306,000	-1.2
Finance, insurance, and real estate .....	5,294,000	5,304,000	-.2
Services .....	18,888,000	18,828,000	.3
Government .....	16,196,000	16,176,000	.1

<sup>1</sup> Less than 0.05 percent.

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 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 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

**Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1982<sup>1</sup>**

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total .....	189,000	36,371,200	41
Mining .....	2,600	434,500	36
Construction .....	18,600	721,800	20
Manufacturing .....	47,700	10,612,300	55
Transportation and public utilities:			
Railroad transportation (ICC) .....	37	401,800	92
Other transportation and public utilities .....	8,500	2,840,800	61
Wholesale and retail trade .....	45,900	3,511,300	18
Finance, insurance, and real estate .....	13,100	1,967,100	37
Services .....	31,600	4,150,600	22
Government:			
Federal <sup>2</sup> .....	5,000	2,725,000	100
State and local .....	16,000	9,006,000	67

<sup>1</sup> 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.

<sup>2</sup> National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 5,000 reports covering about 63 percent of employment in Federal establishments.

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-

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

(In percent)

Industry division	Average benchmark revision in estimates of employment <sup>1</sup>	Relative errors <sup>2</sup>	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment .....	0.4	-	-
Total private .....	.4	0.1	0.2
Mining .....	1.4	1.0	1.3
Construction .....	1.9	.2	.5
Manufacturing .....	.3	.1	.2
Durable goods .....	.3	.1	.3
Nondurable goods .....	.4	.1	.2
Transportation and public utilities .....	.4	.7	.6
Trade .....	.6	.1	.3
Wholesale .....	.4	.2	.4
Retail .....	1.0	.2	.4
Finance, insurance, and real estate .....	.4	.2	.4
Services .....	.6	.4	.6
Government <sup>2</sup> .....	.5	-	-

<sup>1</sup> The average percent revision in employment for the following benchmarks: 1978, 1979, 1980, 1981, and 1982.

<sup>2</sup> Relative errors relate to 1982 data.

<sup>3</sup> Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision, samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

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.

**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 <sup>1</sup>	Relative errors <sup>2</sup> (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

<sup>1</sup> Assuming 12-month intervals between benchmark revisions.

<sup>2</sup> Relative errors relate to 1982 data.

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

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by

**Table Q. Errors of preliminary employment estimates**

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
<b>INDUSTRY DIVISIONS</b>		
Total nonagricultural employment .....	101,000	88,000
Goods producing .....	42,000	36,000
Mining .....	5,000	5,000
Construction .....	22,000	18,000
Manufacturing .....	33,000	29,000
Durable two-digit industries .....	6,300	5,900
Nondurable two-digit industries .....	4,500	4,500
Service-producing .....	77,000	72,000
Transportation and public utilities .....	14,000	15,000
Wholesale and retail trade .....	31,000	28,000
Finance, insurance, and real estate .....	8,000	7,000
Services .....	30,000	24,000
Government .....	61,000	53,000

NOTE: Division level data are based on differences from January 1977 through December 1982. Two-digit industry data are based on differences from January 1982 through December 1982.

each cooperating State agency are presented in a summary volume published annual by the BLS.

## PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 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.

## Definitions

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

*Output* is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of all persons measure changes in the volume of goods and services produced per paid hour of labor input.

*Compensation per hour* includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

*Real compensation per hour* is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

*Unit labor costs* measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* includes 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 hous-

ing, 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.

## State and Area Unemployment 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 and Partnership Act and the Public Works and Economic Development Act.

### ESTIMATING METHODS

Labor force and unemployment 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 239 labor market areas are prepared in several stages. 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 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 residences 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 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 experienced unemployed; (c) the level of experienced labor force; and (d) 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 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 substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate 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 adjusted 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 factors are now 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 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 available from BLS upon request.

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 estimates are based on data through March 1983. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

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, 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.

Prior to June 1983, seasonal factors for Federal Government employment were derived from unadjusted data which excluded Christmas temporary workers employed by the Postal Service. In earlier years the number of these workers were 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 factors were based. In the past several years, the number of these workers have decreased to the point where their presence has no impact on seasonal adjustment. Beginning with the release of revised seasonal factors in June 1983, Christmas temporary Postal workers are not excluded from the calculation of seasonal factors for Federal Government employees. This change affects the seasonally adjusted Federal Government series from January 1978 forward. Temporary census takers for the 1980 decennial census will continue to be removed prior to the calculation of seasonal factors for Federal Government employment. The revised seasonally adjusted series for the establishment data reflect experience through March 1983. Seasonal factors to be used for current adjustment appear in the June 1983 issue of *Employment and Earnings*.

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