



EMPLOYMENT AND EARNINGS

April 1983

J.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	June
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<sup>1</sup> Issue varies. Latest revised data introduced June 1982.

<sup>2</sup> Month of publication varies. The latest supplement was published in June 1982.

# Employment and Earnings

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Editors: Gloria Peterson Green, Rosalie K. Epstein

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# Employment and Unemployment Developments, March 1983

Unemployment was little changed from February to March. The overall unemployment rate—which includes the resident Armed Forces in the labor force—was 10.1 percent, and the rate for all civilian workers was 10.3 percent. Both figures remained near their January and February levels but were half a percentage point lower than last December's highs.

Total employment was about unchanged in March at 100.8 million. Civilian employment—as measured by the monthly survey of households—remained at 99.1 million and has shown little movement since last October.

Nonfarm payroll employment—as measured by the monthly survey of establishments—was up 120,000 in March. Both the overall and factory workweeks as well as factory overtime hours rose markedly over the month.

## Unemployment

The number of unemployed persons and the unemployment rate were about unchanged in March, after adjustment for seasonality. A total of 11.4 million persons were unemployed, and the civilian worker jobless rate was 10.3 percent—about the same as in the previous 2 months but well below December 1982 highs. The number of workers on layoff edged downward in March and was a half million lower than in December. (See tables A-32 and A-40.)

There were few sizable over-the-month unemployment changes among the major worker groups. The rate for adult men fell to 9.6 percent in March, a return to the January level, with nearly all of the improvement occurring among those aged 20-24 years. The jobless rate for adult women was about unchanged at 8.8 percent, while the rate for teenagers rose from 22.2 to 23.5 percent. Jobless rates for whites (9.0 percent), blacks (19.9 percent), and Hispanics (16.2 percent) remained near February levels. Among the broad industry groups, the unemployment rate for workers in manufacturing declined over the month to 12.8 percent. Unemployment rates for virtually all worker groups have improved since December. (See tables A-33, A-37, and A-38.)

Average (mean) duration of unemployment (19.1 weeks in March) was about the same as in February, while median duration (10.3 weeks) rose over the month. The number of persons who were jobless for less

than 5 weeks—those entering the unemployment stream—continued a decline that has totaled nearly 600,000 since December. Medium-term (5-14 weeks) and long-term duration (15 weeks and over) were also down over the 3-month period, but unemployment of 27 weeks and longer rose slightly to 2.7 million. (See table A-39.)

The number of nonagricultural workers on part-time schedules for economic reasons decreased in March to 6.2 million. Most of this decline was among workers who usually work full time but experienced a reduction in their weekly hours. (See table A-34.)

## Civilian employment and the labor force

Civilian employment totaled 99.1 million in March and has been at about the same level since last October, with few changes among the major component groups. At 110.5 million, the civilian labor force was little different from the previous month and about 650,000 below the December 1982 level. Since last March, the civilian labor force has grown by about 1.1 million, as increases in the number of adult workers were partially offset by declines among teens. (See table A-32.)

## Discouraged workers

The number of discouraged workers—persons who reported that they wanted to work but were not looking for jobs because they believed they could not find any—was about unchanged in the first quarter of 1983, after rising for 6 consecutive quarters. About 80 percent of the first quarter total of 1.8 million were discouraged because of job-market factors. (See table A-52.)

## Industry payroll employment

Total nonagricultural payroll employment rose by 120,000 to 88.9 million in March, seasonally adjusted. Since December, the number of nonfarm jobs has increased by 290,000, as more than half of the industries in the BLS index of diffusion registered increases over the 3-month span. (See tables B-4 and B-7.)

Three-quarters of the March increase was in the services industry, which posted its first significant employment gain in several months, bringing the employment total in that industry to 680,000 above the pre-recession level. Elsewhere in the service-producing sector, there



was a comparatively small increase in wholesale and retail trade.

Manufacturing employment edged up in March and was 130,000 above the December low. Employment rose over the month in the furniture and fixtures, primary metals, and rubber and plastics products industries. There were declines in apparel and transportation equipment. The latter reduction followed a large increase in the prior month, and transportation equipment employment was still 30,000 above the December level.

Mining continued to lose jobs at about the same magnitude it has over the past year, as activity in oil and gas extraction continued to fall. Construction employment also edged down, with job losses occurring in the nonresidential portion of the industry.

### **Hours of work**

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls rose by 0.5 hour in March to 34.9 hours, seasonally adjusted, following large swings in the previous 2 months. The manufacturing workweek increased 0.5 hour to 39.6 hours, 0.8 hour above its October low. Factory overtime, which had been at about 2.3 hours over the past year and a half, rose to 2.6 hours. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural

payrolls rose by 1.4 percent in March, seasonally adjusted, to 103.4 (1977 = 100). The manufacturing index increased 1.8 percent over the month to 85.5, 2.9 percent over the December low-point. (See table C-7.)

### **Hourly and weekly earnings**

Average hourly earnings, at \$7.88 seasonally adjusted, were down 0.1 percent in March, while average weekly earnings rose by 1.3 percent, reflecting the longer workweek. Before adjustment for seasonality, average hourly earnings of \$7.89 were 2 cents below February but 34 cents above a year earlier. Average weekly earnings increased \$4.05 over the month to \$274.57 and were \$12.58 higher than in March 1982. (See tables C-1 and C-8.)

### **The Hourly Earnings Index**

The Hourly Earnings Index (HEI) was 153.4 (1977 = 100) in March, seasonally adjusted, 0.1 percent higher than in February. For the 12 months ended in March, the increase (before seasonal adjustment) was 5.5 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 2.3 percent during the 12-month period ended in February. (See table C-8.)

### **Publication of 1982 occupational data**

Pending a review of the methodology used to produce 1982 occupational data based on the 1980 census classification system, estimates for January and February 1982 by sex, age, and detail below the occupational group totals were not published in tables A-11 and A-21. Similarly, data by sex and race were not published in table A-22. It has now been determined that all data meet reliability standards for publication with the exception of all categories by sex in table A-11, five categories in table A-21, and black workers by sex in table A-22.

**HOUSEHOLD DATA**

**Table 1. New series including the resident Armed Forces, by sex, 1950-82, not seasonally adjusted**

(Numbers in thousands)

Year	I	II	III	IV	I	II	III	IV
	Noninstitutional population, both sexes				Noninstitutional population, women			
1950	105,879	106,067	106,296	106,418	54,057	54,193	54,362	54,545
1951	106,522	106,669	106,848	107,021	54,694	54,842	55,000	55,169
1952	107,261	107,473	107,730	107,998	55,329	55,479	55,645	55,814
1953	108,925	109,171	109,375	109,671	56,120	56,255	56,412	56,575
1954	109,990	110,267	110,583	110,990	56,732	56,881	57,026	57,196
1955	111,271	111,606	111,900	112,214	57,342	57,513	57,899	57,865
1956	112,475	112,747	113,061	113,392	58,013	58,189	58,338	58,513
1957	113,868	113,992	114,420	114,773	58,680	58,871	59,083	59,278
1958	115,070	115,388	115,690	116,138	59,443	59,815	59,790	60,022
1959	116,543	118,918	117,320	117,894	60,239	60,454	60,877	60,886
1960	116,573	118,687	119,265	119,701	61,305	61,491	61,700	61,947
1961	120,127	120,484	120,869	121,202	62,197	62,405	62,619	62,629
1962	121,499	121,915	122,432	123,009	63,024	63,154	63,450	63,778
1963	123,633	124,162	124,680	125,218	64,086	64,379	64,669	64,952
1964	125,721	126,223	126,758	127,311	65,234	65,515	65,807	66,100
1965	127,796	128,271	128,658	129,113	66,375	66,647	66,863	67,147
1966	129,529	129,945	130,404	130,842	67,409	67,679	67,958	68,252
1967	131,276	131,732	132,364	132,995	68,534	68,824	69,162	69,482
1968	133,493	133,959	134,542	135,126	69,765	70,046	70,363	70,878
1969	135,678	136,254	136,848	137,509	70,975	71,296	71,639	71,971
1970	136,165	136,805	139,538	140,306	72,263	72,620	72,994	73,380
1971	141,053	141,812	142,564	143,326	73,750	74,124	74,498	74,881
1972	144,881	145,551	146,306	147,033	75,782	76,124	76,516	76,901
1973	147,776	148,493	149,237	149,980	77,263	77,859	78,046	78,424
1974	150,727	151,468	152,209	152,963	78,793	79,164	79,571	79,954
1975	153,680	154,376	155,259	156,006	80,339	80,712	81,166	81,537
1976	156,734	157,436	158,201	158,896	81,919	82,285	82,662	83,019
1977	159,570	160,302	161,087	161,797	83,347	83,732	84,139	84,510
1978	162,467	163,148	163,897	164,854	84,874	85,234	85,623	86,003
1979	165,361	166,050	166,800	167,649	86,380	86,740	87,127	87,569
1980	166,338	169,002	169,728	170,327	87,946	88,295	88,666	88,980
1981	170,912	171,467	172,071	172,649	89,298	89,593	89,908	90,207
1982	173,161	173,686	174,200	174,710	90,482	90,759	91,033	91,274
	Noninstitutional population, men				Labor force, both sexes			
1950	51,823	51,874	51,935	51,874	62,102	63,383	64,198	63,634
1951	51,829	51,827	51,848	51,852	62,878	64,042	65,059	64,661
1952	51,932	51,994	52,063	52,164	63,475	64,506	65,233	64,880
1953	52,805	52,918	52,963	53,094	64,653	65,271	65,845	65,210
1954	53,257	53,406	53,557	53,794	64,915	65,856	66,447	65,923
1955	53,929	54,091	54,201	54,349	65,165	66,723	68,210	68,250
1956	54,462	54,575	54,725	54,878	67,075	68,774	69,474	68,746
1957	54,989	55,121	55,338	55,497	67,526	69,026	69,780	69,161
1958	55,627	55,771	55,899	56,118	68,195	69,849	70,296	69,602
1959	56,304	56,463	56,643	56,809	68,774	70,400	70,988	70,470
1960	57,268	57,396	57,565	57,753	69,537	71,930	72,535	71,949
1961	57,930	58,080	58,250	58,372	71,467	72,764	73,005	72,163
1962	58,475	58,761	58,962	59,231	71,431	72,947	73,629	72,696
1963	59,545	59,783	60,011	60,263	72,311	74,182	74,748	74,117
1964	60,487	60,708	60,951	61,210	73,538	75,739	75,969	75,189
1965	61,421	61,624	61,795	61,968	74,891	76,799	77,458	76,856
1966	62,120	62,266	62,446	62,590	75,648	78,023	79,151	78,571
1967	62,741	62,908	63,202	63,514	77,740	79,280	80,899	80,342
1968	63,728	63,913	64,178	64,449	78,291	81,167	82,197	81,304
1969	64,703	64,958	65,209	65,538	81,069	82,747	84,352	83,714
1970	65,881	66,188	66,543	66,926	83,445	84,730	85,977	85,401
1971	67,302	67,686	68,065	68,445	84,875	85,882	87,540	87,122
1972	69,079	69,427	69,793	70,132	87,170	88,589	90,207	89,443
1973	70,492	70,829	71,190	71,555	89,007	90,937	92,534	92,339
1974	71,935	72,285	72,638	73,009	91,968	93,279	95,069	94,348
1975	73,341	73,664	74,093	74,468	93,905	95,176	96,860	95,851
1976	74,814	75,150	75,518	75,880	95,796	97,398	99,396	98,715
1977	76,222	76,568	76,946	77,287	98,430	100,266	102,014	101,950
1978	77,594	77,914	78,273	78,652	101,482	103,527	105,367	105,172
1979	78,983	79,310	79,672	80,079	104,802	105,891	107,965	107,592
1980	80,392	80,708	81,060	81,347	106,998	108,299	109,836	109,039
1981	81,814	81,874	82,163	82,442	108,811	110,428	111,363	110,658
1982	82,678	82,926	83,187	83,435	110,031	111,785	113,331	112,364

Table 1. New series including the resident Armed Forces, by sex, 1950-82, not seasonally adjusted—Continued

(Numbers in thousands)

Year	I	II	III	IV	I	II	III	IV
	Labor force, men				Labor force participation rate, both sexes			
1950	44,456	44,974	45,658	44,795	58.7	59.8	60.4	60.0
1951	44,422	45,147	45,778	45,107	59.0	60.0	60.9	60.4
1952	44,752	45,331	45,763	45,022	59.2	60.0	60.6	60.1
1953	45,420	45,921	46,337	45,633	59.4	59.8	60.2	59.5
1954	45,624	46,150	46,686	45,829	59.0	59.7	60.1	59.4
1955	45,875	46,465	47,171	48,720	58.6	59.8	61.0	60.8
1956	46,452	47,236	47,626	46,797	59.6	61.0	61.4	60.8
1957	46,389	47,355	47,802	46,912	59.4	60.8	61.0	60.3
1958	48,645	47,536	48,000	47,182	59.3	60.5	60.8	59.9
1959	46,895	47,760	48,364	47,568	59.0	60.2	60.5	59.9
1960	47,361	48,425	48,919	48,177	58.8	60.5	60.8	60.1
1961	47,988	48,741	49,167	48,203	59.5	60.4	60.4	59.6
1962	47,911	48,898	49,376	48,342	58.8	59.8	60.1	59.1
1963	48,237	49,295	49,974	48,927	58.5	59.7	60.0	59.2
1964	48,688	49,977	50,584	49,429	58.5	60.0	59.9	59.1
1965	49,254	50,547	51,118	49,779	58.4	59.9	60.2	59.4
1966	49,486	50,832	51,637	50,304	58.6	60.0	60.7	60.1
1967	50,102	51,231	52,326	51,029	59.2	60.2	61.1	60.4
1968	50,886	51,954	52,910	51,458	59.4	60.6	61.1	60.2
1969	51,344	52,453	53,595	52,307	59.8	60.7	61.6	60.9
1970	52,353	53,435	54,297	53,148	60.4	61.0	61.6	60.9
1971	53,034	54,121	55,250	54,047	60.2	60.6	61.4	60.8
1972	54,189	55,320	56,503	55,288	60.2	60.9	61.7	60.8
1973	55,092	56,327	57,454	56,526	60.2	61.2	62.0	61.6
1974	56,466	57,374	58,422	57,326	61.0	61.6	62.5	61.7
1975	57,025	57,963	59,024	57,586	61.1	61.7	62.4	61.4
1976	57,533	58,722	59,911	58,858	61.1	61.9	62.8	62.1
1977	58,706	59,888	60,987	60,256	61.7	62.5	63.3	63.0
1978	59,901	61,132	62,213	61,360	62.5	63.5	64.3	63.9
1979	61,212	62,114	63,338	62,206	63.4	63.8	64.7	64.2
1980	61,991	63,013	63,949	62,775	63.6	64.1	64.7	64.0
1981	62,670	63,695	64,350	63,231	63.7	64.4	64.7	64.1
1982	63,062	64,121	64,883	63,866	63.5	64.3	65.1	64.3
	Labor force, women				Labor force participation rate, men			
1950	17,646	18,409	18,541	19,039	85.8	86.7	87.9	86.4
1951	18,457	18,895	19,282	19,554	85.7	87.1	88.3	87.0
1952	18,722	19,175	19,469	19,858	86.2	87.2	87.9	86.3
1953	19,233	19,350	19,508	19,577	86.0	86.8	87.5	85.9
1954	19,291	19,706	19,761	20,094	85.7	86.4	87.2	85.2
1955	19,490	20,257	21,039	21,530	84.7	85.9	87.0	86.0
1956	20,623	21,539	21,848	21,948	85.3	86.6	87.0	85.3
1957	21,137	21,673	21,979	22,249	84.4	85.9	86.4	84.5
1958	21,550	22,313	22,295	22,420	83.9	85.2	85.9	84.1
1959	21,879	22,639	22,624	22,903	83.3	84.8	85.4	83.7
1960	22,176	23,505	23,616	23,771	82.7	84.4	85.0	83.4
1961	23,478	24,044	23,838	23,980	82.8	83.9	84.4	82.6
1962	23,520	24,049	24,253	24,354	81.9	83.2	83.7	81.6
1963	24,074	24,887	24,774	25,190	81.0	82.5	83.3	81.2
1964	24,848	25,762	25,385	25,759	80.5	82.3	83.0	80.8
1965	25,437	26,252	26,340	26,878	80.2	82.0	82.7	80.3
1966	26,362	27,191	27,514	28,267	79.7	81.6	82.7	80.4
1967	27,637	28,049	28,573	29,313	79.9	81.4	82.8	80.3
1968	28,605	29,213	29,286	29,847	79.5	81.3	82.4	79.8
1969	29,725	30,294	30,757	31,407	79.4	80.7	82.2	79.8
1970	31,082	31,297	31,679	32,253	79.5	80.7	81.6	79.4
1971	31,841	31,762	32,290	33,075	78.8	80.0	81.2	79.0
1972	32,971	33,250	33,705	34,155	78.5	79.7	81.0	78.8
1973	33,916	34,606	35,080	35,813	78.2	79.5	80.7	79.0
1974	35,501	35,907	36,866	37,022	78.5	79.4	80.4	78.5
1975	38,880	37,213	37,856	38,265	77.8	78.7	79.7	77.3
1976	38,264	38,675	39,485	39,858	78.9	78.1	79.3	77.6
1977	39,724	40,378	41,026	41,694	77.0	78.2	79.3	78.0
1978	41,561	42,395	43,153	43,811	77.2	78.5	79.5	78.0
1979	43,591	43,777	44,628	45,386	77.5	78.3	79.5	77.7
1980	45,009	45,286	45,887	46,262	77.1	78.1	78.9	77.2
1981	46,142	46,734	47,013	47,427	76.8	77.8	78.3	76.7
1982	46,967	47,643	48,467	48,497	76.3	77.3	78.0	76.5

**HOUSEHOLD DATA**

**Table 1. New series including the resident Armed Forces, by sex, 1950-82, not seasonally adjusted—Continued**

(Numbers in thousands)

Year	I	II	III	IV	I	II	III	IV
	Labor force participation rate, women				Total employment, men			
1950	32.6	34.0	34.1	34.9	41,128	42,555	43,839	43,402
1951	33.7	34.5	35.1	35.4	42,827	44,023	44,675	44,049
1952	33.8	34.8	35.0	35.6	43,290	44,187	44,568	44,103
1953	34.3	34.4	34.6	34.8	44,065	44,808	45,330	44,298
1954	34.0	34.8	34.7	35.1	42,994	43,690	44,394	43,832
1955	34.0	35.2	36.5	37.2	43,192	44,541	45,667	45,216
1956	35.5	37.0	37.5	37.5	44,363	45,486	46,147	45,291
1957	38.0	38.8	37.2	37.5	44,357	45,593	46,209	44,938
1958	38.3	37.4	37.3	37.4	43,171	44,185	45,018	44,598
1959	36.3	37.4	37.3	37.8	43,736	45,571	46,264	45,336
1960	36.2	38.2	38.3	38.4	44,591	46,073	46,656	45,623
1961	37.7	38.5	38.1	38.2	44,264	45,833	46,468	45,748
1962	37.3	38.1	38.2	38.2	44,972	46,485	47,210	46,166
1963	37.8	38.7	38.3	38.8	45,147	46,803	47,834	46,764
1964	38.1	39.3	38.8	39.0	45,940	47,726	48,639	47,552
1965	38.3	39.4	39.4	40.0	46,845	48,525	49,404	48,265
1966	39.1	40.2	40.5	41.4	47,618	49,244	50,220	48,969
1967	40.3	40.8	41.3	42.2	48,411	49,718	50,905	49,624
1968	41.0	41.7	41.6	42.2	48,975	50,555	51,573	50,228
1969	41.9	42.5	42.9	43.6	49,821	51,137	52,188	50,940
1970	43.0	43.1	43.4	44.0	50,268	51,316	52,019	50,658
1971	43.2	42.8	43.3	44.2	49,860	51,421	52,570	51,445
1972	43.5	43.7	44.0	44.4	50,976	52,670	54,032	52,995
1973	43.9	44.6	44.9	45.7	52,445	54,033	55,344	54,474
1974	45.1	45.3	48.1	48.3	53,659	54,895	55,867	54,313
1975	45.9	46.1	48.6	48.9	52,172	53,357	54,756	53,545
1976	46.7	47.0	47.8	48.0	52,930	54,807	56,133	55,010
1977	47.7	48.2	48.8	49.3	54,191	56,264	57,634	57,076
1978	49.0	49.7	50.4	50.9	56,109	58,148	59,327	58,458
1979	50.5	50.5	51.2	51.8	57,685	59,190	60,350	59,170
1980	51.2	51.3	51.8	52.0	57,965	58,865	59,456	58,576
1981	51.7	52.2	52.3	52.8	57,672	59,328	60,210	58,426
1982	51.9	52.5	53.2	53.1	56,893	58,211	58,839	57,253
	Total employment, both sexes				Total employment, women			
1950	57,518	59,890	61,392	61,561	16,390	17,335	17,554	18,159
1951	60,375	62,096	63,138	62,815	17,549	18,073	18,464	18,766
1952	61,275	62,822	63,323	63,340	17,964	18,455	18,754	19,237
1953	62,679	63,594	64,231	63,135	18,614	18,786	18,901	18,837
1954	61,055	62,128	62,919	62,906	18,061	18,438	18,525	19,074
1955	61,654	63,809	65,698	65,777	18,462	19,267	20,031	20,561
1956	63,991	65,877	66,900	66,296	19,628	20,412	20,753	21,004
1957	64,488	66,231	67,157	66,187	20,131	20,638	20,949	21,249
1958	63,282	64,810	65,709	65,734	20,111	20,625	20,690	21,136
1959	64,216	66,845	67,605	67,008	20,480	21,273	21,341	21,673
1960	65,482	68,210	68,898	67,958	20,891	22,137	22,242	22,334
1961	65,995	67,827	68,527	68,234	21,730	22,195	22,059	22,488
1962	66,957	69,055	69,920	69,122	21,985	22,570	22,710	22,958
1963	67,665	70,017	70,959	70,437	22,518	23,214	23,125	23,873
1964	69,134	71,801	72,473	71,882	23,194	24,075	23,834	24,329
1965	70,753	73,211	74,312	73,862	23,908	24,686	24,908	25,596
1966	72,734	74,965	76,359	76,005	25,116	25,741	26,139	27,036
1967	74,641	76,363	77,870	77,483	26,229	26,645	26,965	27,859
1968	76,194	78,364	79,332	78,803	27,219	27,809	27,758	28,576
1969	78,220	80,000	81,349	80,968	28,399	28,863	29,161	30,048
1970	79,801	80,862	81,630	80,889	29,513	29,547	29,610	30,230
1971	79,518	81,004	82,438	82,400	29,656	29,584	29,868	30,955
1972	81,778	83,709	85,266	85,109	30,802	31,040	31,233	32,114
1973	84,277	86,607	88,182	88,310	31,833	32,570	32,819	33,836
1974	86,929	88,597	89,891	88,646	33,270	33,702	34,024	34,334
1975	85,533	87,079	88,969	88,518	33,380	33,722	34,212	34,974
1976	87,776	90,337	91,967	91,603	34,847	35,530	35,834	36,594
1977	90,464	93,413	95,161	95,653	36,273	37,147	37,527	38,578
1978	94,810	97,557	99,152	99,399	38,501	39,409	39,824	40,941
1979	98,278	100,040	101,774	101,607	40,594	40,850	41,424	42,437
1980	99,887	100,831	101,684	101,443	41,903	41,966	42,228	42,866
1981	100,266	102,503	103,375	102,023	42,596	43,175	43,165	43,597
1982	99,747	101,499	102,517	101,015	42,852	43,286	43,679	43,762

Table 1. New series including the resident Armed Forces, by sex, 1950-82, not seasonally adjusted—Continued

(Numbers in thousands)

Year	I	II	III	IV	I	II	III	IV
	Total employment-population ratio, both sexes				Total employment-population ratio, women			
1950	54.3	56.5	57.8	57.8	30.3	32.0	32.3	33.3
1951	56.7	58.2	59.1	58.7	32.1	33.0	33.6	34.0
1952	57.1	58.3	58.8	58.6	32.5	33.3	33.7	34.5
1953	57.5	58.3	58.7	57.6	33.2	33.4	33.5	33.3
1954	55.5	56.3	56.9	56.7	31.8	32.4	32.5	33.3
1955	55.4	57.2	58.7	58.6	32.2	33.5	34.7	35.5
1956	56.9	58.4	59.2	58.5	33.8	35.1	35.8	35.9
1957	56.7	58.1	58.7	57.7	34.3	35.1	35.5	35.8
1958	55.0	56.2	56.8	56.6	33.8	34.6	34.6	35.2
1959	55.1	57.2	57.6	56.9	34.0	35.2	35.2	35.6
1960	55.2	57.4	57.8	56.8	34.1	36.0	36.0	36.1
1961	54.9	56.3	56.7	56.3	34.9	35.6	35.2	35.8
1962	55.1	56.6	57.1	56.2	34.9	35.7	35.8	36.0
1963	54.7	56.4	56.9	56.3	35.1	36.1	35.8	36.4
1964	55.0	56.9	57.2	56.5	35.6	36.7	36.2	36.8
1965	55.4	57.1	57.8	57.2	36.0	37.0	37.3	38.1
1966	56.2	57.7	58.6	58.1	37.3	38.0	38.5	39.6
1967	58.9	58.0	58.8	58.3	38.3	38.7	39.0	40.1
1968	57.1	58.5	59.0	58.3	39.0	39.7	39.4	40.4
1969	57.7	58.7	59.4	58.9	40.0	40.5	40.7	41.8
1970	57.8	58.3	58.5	57.7	40.8	40.7	40.6	41.2
1971	56.4	57.1	57.8	57.5	40.2	39.9	40.1	41.3
1972	56.5	57.5	58.3	57.9	40.6	40.8	40.8	41.8
1973	57.0	58.3	59.1	58.9	41.2	41.9	42.0	43.1
1974	57.7	58.5	59.1	58.0	42.2	42.6	42.8	42.9
1975	55.7	56.4	57.3	56.7	41.5	41.8	42.2	42.9
1976	56.0	57.4	58.1	57.6	42.5	43.2	43.3	44.1
1977	56.7	58.3	59.1	59.1	43.5	44.4	44.6	45.6
1978	58.2	59.8	60.5	60.4	45.4	46.2	46.5	47.6
1979	59.4	60.2	61.0	60.6	47.0	47.1	47.5	48.5
1980	59.3	59.5	59.9	59.6	47.6	47.5	47.6	48.2
1981	58.7	59.8	60.1	59.1	47.7	48.2	48.0	48.3
1982	57.6	58.4	58.9	57.8	47.4	47.7	48.0	47.9
	Total employment-population ratio, men				Resident Armed Forces, both sexes			
1950	79.4	82.0	84.4	83.7	1,146	1,047	1,048	1,436
1951	82.6	84.9	86.2	85.0	1,830	2,162	2,305	2,274
1952	83.4	84.9	85.6	84.5	2,398	2,466	2,387	2,295
1953	83.4	84.7	85.6	83.4	2,253	2,266	2,235	2,168
1954	80.7	81.8	82.9	81.5	2,113	2,110	2,140	2,204
1955	80.1	82.3	84.3	83.2	2,141	2,072	2,016	2,028
1956	81.5	83.3	84.3	82.5	1,992	1,959	1,948	1,961
1957	80.7	82.7	83.5	81.0	1,948	1,947	1,989	1,907
1958	77.6	79.2	80.5	79.5	1,834	1,854	1,844	1,855
1959	77.7	80.7	81.7	79.8	1,829	1,779	1,769	1,776
1960	77.9	80.3	81.0	79.0	1,865	1,850	1,854	1,877
1961	78.4	78.6	79.8	78.4	1,873	1,848	1,868	2,012
1962	76.9	79.1	80.0	77.9	2,120	2,066	2,064	1,963
1963	75.8	78.3	79.7	77.6	1,993	1,995	2,010	2,027
1964	78.0	78.6	79.8	77.7	2,013	2,020	2,019	2,022
1965	76.3	78.7	79.9	77.9	1,962	1,946	1,913	1,944
1966	76.7	79.1	80.4	78.2	2,018	2,076	2,170	2,225
1967	77.2	79.0	80.5	78.1	2,232	2,205	2,198	2,238
1968	76.9	79.1	80.4	77.9	2,226	2,247	2,292	2,246
1969	77.0	78.7	80.0	77.7	2,202	2,234	2,253	2,262
1970	76.3	77.5	78.2	75.7	2,215	2,129	2,082	2,046
1971	74.1	76.0	77.2	75.2	2,019	1,985	1,961	1,924
1972	73.8	75.9	77.4	75.6	1,856	1,793	1,785	1,818
1973	74.4	76.3	77.7	76.1	1,811	1,773	1,759	1,754
1974	74.6	75.9	76.9	74.4	1,740	1,721	1,711	1,710
1975	71.1	72.4	73.9	71.9	1,693	1,669	1,680	1,669
1976	70.7	72.9	74.3	72.5	1,659	1,663	1,674	1,676
1977	71.1	73.5	74.9	73.9	1,659	1,650	1,657	1,657
1978	72.3	74.6	75.8	74.3	1,638	1,624	1,632	1,630
1979	73.0	74.6	75.7	73.9	1,605	1,589	1,600	1,594
1980	72.1	72.7	73.3	72.0	1,576	1,587	1,617	1,634
1981	70.7	72.5	73.3	70.9	1,633	1,630	1,658	1,659
1982	68.8	70.2	70.7	68.6	1,664	1,666	1,678	1,664

**HOUSEHOLD DATA**

**Table 1. New series including the resident Armed Forces, by sex, 1950-82, not seasonally adjusted—Continued**

(Numbers in thousands)

Year	I	II	III	IV	I	II	III	IV
	Resident Armed Forces, men				Unemployment rate, both sexes			
1950	1,126	1,029	1,032	1,415	7.4	5.5	4.4	3.6
1951	1,803	2,130	2,273	2,242	4.0	3.0	3.0	2.9
1952	2,359	2,427	2,348	2,258	3.5	2.9	2.9	2.4
1953	2,217	2,230	2,199	2,133	3.1	2.8	2.5	3.2
1954	2,079	2,076	2,108	2,171	5.9	5.7	5.3	4.6
1955	2,109	2,040	1,986	1,996	5.4	4.4	3.7	3.6
1956	1,962	1,930	1,921	1,933	4.6	4.2	3.7	3.6
1957	1,921	1,920	1,962	1,680	4.5	4.1	3.8	4.3
1958	1,808	1,828	1,816	1,827	7.2	7.2	6.5	5.6
1959	1,802	1,752	1,742	1,750	6.6	5.0	4.6	4.9
1960	1,837	1,822	1,826	1,848	5.8	5.2	5.0	5.5
1961	1,844	1,821	1,840	1,982	7.7	6.8	6.1	5.5
1962	2,088	2,065	2,036	1,936	6.3	5.3	5.0	4.9
1963	1,966	1,968	1,983	2,000	6.4	5.6	5.1	5.0
1964	1,986	1,993	1,992	1,994	6.0	5.2	4.6	4.4
1965	1,955	1,920	1,886	1,918	5.3	4.7	4.1	3.6
1966	1,990	2,047	2,140	2,194	4.1	3.9	3.5	3.3
1967	2,200	2,174	2,166	2,204	4.0	3.7	3.7	3.6
1968	2,193	2,213	2,257	2,213	3.9	3.5	3.5	3.1
1969	2,169	2,200	2,219	2,228	3.5	3.3	3.6	3.3
1970	2,182	2,094	2,042	2,005	4.4	4.6	5.1	5.3
1971	1,979	1,946	1,922	1,886	6.3	5.7	5.8	5.4
1972	1,817	1,753	1,744	1,776	6.2	5.5	5.5	4.6
1973	1,766	1,722	1,709	1,700	5.3	4.8	4.7	4.4
1974	1,663	1,661	1,648	1,641	5.5	5.0	5.5	6.0
1975	1,619	1,584	1,599	1,567	6.9	6.5	6.2	7.6
1976	1,576	1,577	1,585	1,586	6.4	7.2	7.5	7.2
1977	1,570	1,558	1,562	1,582	6.1	6.6	6.7	6.2
1978	1,543	1,525	1,529	1,527	6.6	5.8	5.9	5.5
1979	1,502	1,463	1,469	1,481	6.2	5.5	5.7	5.6
1980	1,459	1,463	1,490	1,505	6.7	7.1	7.4	7.0
1981	1,503	1,499	1,521	1,525	7.9	7.2	7.2	7.6
1982	1,526	1,527	1,538	1,523	9.3	9.2	9.5	10.1
	Resident Armed Forces, women				Unemployment rate, men			
1950	20	18	17	21	7.5	5.4	4.0	3.1
1951	26	32	33	32	3.6	2.5	2.4	2.3
1952	36	39	38	37	3.3	2.6	2.6	2.0
1953	36	36	36	35	3.0	2.4	2.2	2.9
1954	34	34	32	33	5.6	5.3	4.9	4.4
1955	32	31	30	30	5.4	4.1	3.2	3.2
1956	30	30	27	27	4.5	3.7	3.1	3.2
1957	27	27	26	27	4.4	3.7	3.3	4.2
1958	26	26	27	26	7.4	7.0	6.2	5.5
1959	27	26	27	27	6.7	4.6	4.3	4.7
1960	26	26	28	28	5.8	4.9	4.6	5.3
1961	28	28	28	30	7.8	6.4	5.5	5.1
1962	32	31	28	27	6.1	4.9	4.4	4.5
1963	27	27	27	27	6.4	5.1	4.3	4.4
1964	27	27	27	27	5.6	4.5	3.8	3.8
1965	27	26	27	27	4.9	4.0	3.4	3.0
1966	28	29	30	31	3.6	3.1	2.7	2.7
1967	31	31	32	34	3.4	3.0	2.7	2.8
1968	33	34	34	34	3.4	2.7	2.5	2.4
1969	33	34	34	34	3.0	2.5	2.6	2.6
1970	33	36	39	41	3.9	4.0	4.2	4.7
1971	40	40	39	38	6.0	5.0	4.9	4.8
1972	39	40	41	42	5.9	4.8	4.4	4.1
1973	45	47	51	54	4.6	4.1	3.7	3.6
1974	57	61	65	69	5.0	4.3	4.4	5.3
1975	74	75	80	82	8.5	7.9	7.2	7.0
1976	83	86	89	69	6.0	6.7	6.3	6.5
1977	69	91	94	95	7.7	6.0	5.5	5.3
1978	95	99	102	103	6.3	4.9	4.6	4.7
1979	104	106	111	113	5.6	4.7	4.7	4.9
1980	118	124	127	129	6.5	6.9	7.0	6.7
1981	131	131	137	134	6.0	6.9	6.4	7.8
1982	137	138	140	141	9.6	9.2	9.3	10.4

Table 1. New series including the resident Armed Forces, by sex, 1950-82, not seasonally adjusted—Continued

(Numbers in thousands)

Year	I	II	III	IV
Unemployment rate, women				
1950 .....	7.1	5.8	5.3	4.6
1951 .....	4.9	4.4	4.2	4.0
1952 .....	3.9	3.8	3.7	3.1
1953 .....	3.2	2.9	3.1	3.8
1954 .....	6.4	6.4	6.3	5.1
1955 .....	5.3	4.9	4.8	4.5
1956 .....	4.8	5.2	5.0	4.3
1957 .....	4.8	4.8	4.7	4.5
1958 .....	6.7	7.6	7.2	5.7
1959 .....	6.4	6.0	5.7	5.4
1960 .....	5.8	5.8	5.8	6.0
1961 .....	7.4	7.7	7.5	6.2
1962 .....	6.5	6.1	6.4	5.7
1963 .....	6.5	6.7	6.7	6.0
1964 .....	6.7	6.5	6.1	5.6
1965 .....	6.0	6.0	5.4	4.8
1966 .....	4.7	5.3	5.0	4.4
1967 .....	5.1	5.0	5.6	5.0
1968 .....	4.8	4.8	5.2	4.3
1969 .....	4.5	4.7	5.2	4.3
1970 .....	5.1	5.6	6.5	6.3
1971 .....	6.9	6.9	7.5	6.4
1972 .....	6.6	6.6	7.3	6.0
1973 .....	6.1	5.9	6.4	5.5
1974 .....	6.3	6.1	7.2	7.3
1975 .....	9.5	9.4	9.6	8.8
1976 .....	8.9	8.1	9.2	8.2
1977 .....	8.7	8.0	8.5	7.5
1978 .....	7.4	7.0	7.7	6.6
1979 .....	6.9	6.7	7.2	6.5
1980 .....	6.9	7.3	8.0	7.3
1981 .....	7.7	7.6	8.2	8.1
1982 .....	8.8	9.1	9.9	9.8

**HOUSEHOLD DATA**

**Table 2. New series including the resident Armed Forces, by sex, 1950-82, seasonally adjusted**

(Numbers in thousands)

Year	I	II	III	IV	I	II	III	IV
	Labor force, both sexes				Labor force, women			
1950	62,796	63,267	63,403	63,696	18,042	18,367	18,412	18,720
1951	63,911	63,985	64,243	64,499	18,885	18,903	19,140	19,245
1952	64,591	64,427	64,488	64,657	19,211	19,188	19,354	19,528
1953	65,792	65,214	65,101	65,038	19,709	19,398	19,413	19,228
1954	85,742	65,760	65,878	65,872	19,710	19,727	19,644	19,742
1955	85,971	66,548	67,468	68,128	19,842	20,244	20,883	21,206
1956	68,231	68,521	68,662	68,596	21,183	21,476	21,662	21,621
1957	68,688	68,745	69,023	69,104	21,664	21,595	21,839	21,944
1958	69,005	69,593	69,798	69,669	21,982	22,230	22,202	22,163
1959	69,713	70,044	70,273	70,559	22,302	22,524	22,503	22,695
1960	70,635	71,562	71,767	72,118	22,643	23,388	23,503	23,588
1961	72,396	72,380	72,297	72,326	23,931	23,882	23,764	23,787
1962	72,457	72,544	72,876	72,844	23,910	23,896	24,194	24,163
1963	73,270	73,714	73,968	74,325	24,458	24,701	24,740	25,007
1964	74,597	75,253	75,156	75,375	25,229	25,592	25,385	25,548
1965	75,774	76,315	76,540	76,852	25,794	26,099	26,358	26,627
1966	77,091	77,554	78,115	78,708	26,755	27,066	27,504	27,963
1967	78,728	79,145	79,662	80,530	27,877	28,137	28,543	29,013
1968	80,249	80,991	81,172	81,441	28,835	29,291	29,290	29,518
1969	82,076	82,601	83,328	83,768	29,933	30,391	30,764	31,038
1970	84,425	84,694	84,994	85,544	31,310	31,445	31,659	31,919
1971	85,695	85,914	86,542	87,242	32,035	31,943	32,242	32,747
1972	88,064	88,603	89,136	89,493	33,183	33,434	33,650	33,820
1973	90,043	90,954	91,409	92,333	34,134	34,773	35,021	35,476
1974	93,119	93,305	93,964	94,398	35,748	36,077	36,600	36,713
1975	94,716	95,288	95,808	95,978	37,080	37,428	37,715	37,968
1976	98,708	97,489	98,300	98,778	38,481	38,871	39,353	39,551
1977	99,362	100,346	100,901	101,951	39,964	40,566	40,899	41,368
1978	102,572	103,571	104,200	105,114	41,855	42,569	43,006	43,479
1979	105,967	105,911	108,819	107,550	43,896	43,938	44,472	45,056
1980	108,102	108,346	108,761	109,127	45,322	45,449	45,706	45,978
1981	109,852	110,432	110,238	110,775	46,479	46,892	46,808	47,158
1982	110,956	111,754	112,307	112,638	47,307	47,803	48,223	48,272
	Labor force, men				Labor force participation rate, both sexes			
1950	44,754	44,880	44,992	44,978	59.3	59.6	59.6	59.9
1951	45,027	45,082	45,104	45,254	60.0	60.0	60.1	60.3
1952	45,379	45,239	45,133	45,131	60.2	59.9	59.9	59.9
1953	46,083	45,818	45,668	45,810	60.4	59.7	59.5	59.3
1954	46,032	46,033	46,234	46,130	59.8	59.6	59.6	59.3
1955	46,129	46,303	46,585	46,922	59.3	59.6	60.3	60.7
1956	47,068	47,046	47,000	46,974	60.7	60.8	60.7	60.5
1957	47,024	47,150	47,185	47,180	60.4	60.3	60.3	60.2
1958	47,023	47,363	47,595	47,506	60.0	60.3	60.3	60.0
1959	47,411	47,519	47,770	47,885	59.8	59.9	59.9	60.0
1960	47,992	48,174	48,264	48,527	59.6	60.2	60.2	60.2
1961	48,464	48,499	48,533	48,559	60.3	60.1	59.8	59.7
1962	48,547	48,648	48,682	48,881	59.6	59.5	59.5	59.2
1963	48,812	49,013	49,228	49,318	59.3	59.4	59.3	59.4
1964	49,368	49,661	49,771	49,826	59.3	59.6	59.3	59.2
1965	49,980	50,216	50,182	50,228	59.3	59.5	59.5	59.5
1966	50,336	50,488	50,611	50,745	59.5	59.7	59.9	60.2
1967	50,850	51,008	51,319	51,517	60.0	60.1	60.3	60.6
1968	51,414	51,700	51,881	51,924	60.1	60.5	60.3	60.3
1969	52,143	52,210	52,564	52,730	60.5	60.6	60.9	60.9
1970	53,115	53,250	53,333	53,625	61.1	61.0	60.9	61.0
1971	53,660	53,972	54,300	54,495	60.8	60.6	60.7	60.9
1972	54,882	55,169	55,485	55,673	60.8	60.9	60.9	60.9
1973	55,910	56,177	56,390	56,857	60.9	61.3	61.3	61.6
1974	57,371	57,229	57,364	57,685	61.8	61.6	61.7	61.7
1975	57,636	57,862	58,093	58,010	61.6	61.7	61.7	61.5
1976	58,227	58,618	58,947	59,226	61.7	61.9	62.1	62.2
1977	59,398	59,779	60,001	60,583	62.3	62.6	62.6	63.0
1978	60,717	61,002	61,194	61,635	63.1	63.5	63.6	63.8
1979	62,072	61,973	62,347	62,494	64.1	63.8	64.0	64.2
1980	62,780	62,896	63,055	63,151	64.2	64.1	64.1	64.1
1981	63,374	63,540	63,430	63,617	64.3	64.4	64.1	64.2
1982	63,648	63,950	64,085	64,366	64.1	64.3	64.5	64.5



Table 2. New series including the resident Armed Forces, by sex, 1950-82, seasonally adjusted—Continued

(Numbers in thousands)

Year	I	II	III	IV	I	II	III	IV
	Labor force participation rate, men				Total employment, both sexes			
1950	86.4	86.5	86.6	88.7	58,850	59,808	60,505	61,079
1951	86.9	87.0	87.0	87.3	61,729	62,062	62,259	62,389
1952	87.4	87.0	86.7	86.5	62,676	62,574	62,483	62,907
1953	87.3	86.6	86.3	86.3	64,085	63,572	63,386	62,704
1954	86.4	86.2	86.3	85.8	62,404	62,072	62,066	62,451
1955	85.5	85.6	85.9	86.3	62,958	63,716	64,770	65,338
1956	86.4	86.2	85.9	85.8	65,553	65,723	65,898	65,855
1957	85.5	85.5	85.3	85.0	66,045	66,023	66,195	65,787
1958	84.5	84.9	85.1	84.7	64,782	64,599	64,823	65,353
1959	84.2	84.2	84.3	84.3	65,769	66,551	66,643	66,704
1960	83.8	83.9	83.8	84.0	67,078	67,910	67,878	67,717
1961	83.7	83.5	83.3	83.2	67,811	67,453	67,535	67,978
1962	83.0	82.8	82.5	82.2	68,500	68,873	68,945	68,933
1963	82.0	82.0	82.0	81.8	69,142	69,631	70,005	70,287
1964	81.6	81.8	81.7	81.4	70,627	71,422	71,498	71,733
1965	81.4	81.5	81.2	81.1	72,170	72,844	73,283	73,770
1966	81.0	81.1	81.0	81.1	74,192	74,670	75,256	75,882
1967	81.0	81.1	81.2	81.1	75,804	76,208	76,912	77,454
1968	80.7	80.9	80.8	80.6	77,330	78,196	78,393	78,744
1969	80.6	80.4	80.6	80.5	78,368	79,639	80,407	80,838
1970	80.6	80.5	80.1	80.1	80,995	80,765	80,698	80,689
1971	79.7	79.7	79.8	79.6	80,736	80,946	81,472	82,153
1972	79.4	79.5	79.5	79.4	83,069	83,668	84,235	84,820
1973	79.3	79.3	79.2	79.5	85,653	86,570	87,089	87,990
1974	79.8	79.2	79.0	79.0	88,449	88,555	88,790	88,298
1975	78.6	78.5	78.4	77.9	87,050	87,001	87,816	88,168
1976	77.8	78.0	78.1	78.1	89,345	90,254	90,637	91,246
1977	77.9	78.1	78.0	78.4	92,018	93,311	94,066	95,286
1978	78.2	78.3	78.2	78.4	96,191	97,459	98,029	99,030
1979	78.6	78.1	78.3	78.0	99,837	99,953	100,859	101,248
1980	78.1	77.9	77.8	77.8	101,413	100,552	100,533	101,149
1981	77.7	77.6	77.2	77.2	101,837	102,419	102,178	101,746
1982	77.0	77.1	77.1	77.1	101,324	101,386	101,283	100,799
	Labor force participation rate, women				Total employment, men			
1950	33.4	33.9	33.9	34.3	42,033	42,482	43,046	43,309
1951	34.5	34.5	34.8	34.9	43,725	43,971	43,918	43,988
1952	34.7	34.6	34.8	35.0	44,179	44,088	43,828	44,047
1953	35.1	34.5	34.4	34.0	44,979	44,725	44,575	44,272
1954	34.7	34.7	34.4	34.5	43,889	43,588	43,858	43,798
1955	34.6	35.2	38.2	38.8	44,110	44,427	44,893	45,179
1956	38.5	36.9	37.1	37.0	45,368	45,313	45,325	45,254
1957	36.9	36.7	37.0	37.0	45,362	45,412	45,377	44,924
1958	37.0	37.3	37.1	36.9	44,201	43,996	44,210	44,582
1959	37.0	37.3	37.1	37.3	44,827	45,334	45,405	45,347
1960	36.9	38.0	38.1	38.1	45,708	45,826	45,728	45,687
1961	38.5	38.3	38.0	37.8	45,403	45,355	45,515	45,816
1962	37.9	37.6	38.1	37.9	46,112	46,212	46,262	46,271
1963	38.2	38.4	38.3	38.5	46,242	46,521	46,870	46,912
1964	38.7	39.1	38.6	38.7	47,052	47,437	47,626	47,731
1965	38.9	39.2	39.4	39.7	47,936	48,231	48,320	48,524
1966	39.7	40.0	40.5	41.0	46,723	48,954	49,080	49,248
1967	40.7	40.9	41.3	41.8	49,378	49,474	49,832	49,986
1968	41.3	41.8	41.6	41.8	49,926	50,298	50,487	50,582
1969	42.2	42.6	42.9	43.1	50,804	50,860	51,097	51,243
1970	43.3	43.3	43.4	43.5	51,315	51,088	50,937	50,918
1971	43.4	43.1	43.3	43.7	50,910	51,218	51,474	51,659
1972	43.8	43.9	44.0	44.0	52,066	52,481	52,889	53,165
1973	44.2	44.8	44.9	45.2	53,599	53,662	54,180	54,618
1974	45.4	45.6	46.0	45.9	54,912	54,728	54,674	54,425
1975	46.2	48.4	48.5	48.6	53,415	53,177	53,555	53,645
1976	47.0	47.2	47.6	47.6	54,216	54,623	54,943	55,100
1977	47.9	48.4	48.8	49.0	55,464	56,066	56,471	57,170
1978	49.3	49.9	50.2	50.6	57,387	57,944	58,164	58,541
1979	50.8	50.7	51.0	51.5	58,951	58,969	59,208	59,259
1980	51.5	51.5	51.5	51.7	59,218	58,469	58,303	58,692
1981	52.0	52.3	52.1	52.3	58,920	59,129	59,040	58,547
1982	52.3	52.7	53.0	52.9	58,138	57,999	57,657	57,401

**HOUSEHOLD DATA**

**Table 2. New series including the resident Armed Forces, by sex, 1950-82, seasonally adjusted—Continued**

(Numbers in thousands)

Year	I	II	III	IV	I	II	III	IV
	Total employment, women				Total employment-population ratio, men			
1950	16,817	17,326	17,460	17,770	81.1	81.9	82.9	83.5
1951	18,005	18,091	18,344	18,401	84.4	84.8	84.7	84.8
1952	18,496	18,486	18,854	18,880	85.1	84.8	84.2	84.4
1953	19,106	18,847	18,811	18,432	85.2	84.5	84.2	83.4
1954	18,515	18,484	18,410	18,653	82.4	81.6	81.5	81.4
1955	18,846	19,288	19,877	20,159	81.8	82.1	82.8	83.1
1956	20,187	20,411	20,573	20,600	83.3	83.0	82.8	82.5
1957	20,683	20,811	20,819	20,863	82.5	82.4	82.0	80.9
1958	20,581	20,603	20,612	20,771	79.5	78.9	79.1	79.4
1959	20,942	21,216	21,238	21,358	79.6	80.3	80.2	79.8
1960	21,370	22,084	22,150	22,029	79.8	79.8	79.4	79.1
1961	22,207	22,099	22,020	22,162	78.4	78.1	78.1	78.5
1962	22,388	22,461	22,683	22,662	78.9	78.6	78.4	78.1
1963	22,900	23,110	23,135	23,375	77.7	77.8	78.1	77.8
1964	23,575	23,985	23,872	24,001	77.8	78.1	78.1	78.0
1965	24,234	24,613	24,963	25,247	78.0	78.3	78.2	78.3
1966	25,469	25,716	28,176	26,634	78.4	78.6	78.6	78.7
1967	26,425	26,732	27,080	27,468	78.7	78.6	78.8	78.7
1968	27,404	27,898	27,905	28,163	78.3	78.7	78.7	78.5
1969	28,564	28,959	29,310	29,595	78.5	78.3	78.4	78.2
1970	29,681	29,676	29,760	29,771	77.9	77.2	76.5	76.1
1971	29,828	29,729	29,998	30,494	75.8	75.7	75.6	75.5
1972	31,003	31,187	31,346	31,655	75.4	75.6	75.8	75.8
1973	32,054	32,705	32,910	33,372	76.0	76.0	76.1	76.3
1974	33,537	33,827	34,116	33,873	76.3	75.7	75.3	74.5
1975	33,635	33,624	34,259	34,521	72.8	72.2	72.3	72.0
1976	35,129	35,631	35,894	36,147	72.5	72.7	72.8	72.6
1977	36,554	37,242	37,594	38,126	72.8	73.2	73.4	74.0
1978	38,804	39,516	39,864	40,489	74.0	74.4	74.3	74.4
1979	40,887	40,964	41,450	41,989	74.6	74.4	74.3	74.0
1980	42,198	42,083	42,230	42,457	73.7	72.4	71.9	72.1
1981	42,918	43,290	43,138	43,199	72.2	72.2	71.9	71.0
1982	43,185	43,385	43,625	43,398	70.3	69.9	69.3	68.8
	Total employment-population ratio, both sexes				Total employment-population ratio, women			
1950	55.6	56.4	56.9	57.4	31.1	32.0	32.1	32.6
1951	57.9	58.2	58.3	58.3	32.9	33.0	33.4	33.4
1952	58.4	58.2	58.0	58.2	33.4	33.3	33.5	33.8
1953	58.8	58.2	58.0	57.2	34.0	33.5	33.3	32.6
1954	58.7	56.3	58.1	58.3	32.6	32.5	32.3	32.6
1955	58.6	57.1	57.9	58.2	32.9	33.5	34.4	34.8
1956	58.3	58.3	58.3	58.1	34.8	35.1	35.3	35.2
1957	58.1	57.9	57.9	57.3	35.2	35.0	35.2	35.2
1958	56.3	58.0	56.0	56.3	34.6	34.6	34.5	34.6
1959	58.4	56.9	58.8	56.7	34.8	35.1	35.0	35.1
1960	56.6	57.1	56.9	56.6	34.9	35.9	35.9	35.6
1961	56.3	56.0	55.9	56.1	35.7	35.4	35.2	35.3
1962	56.4	56.3	56.3	56.0	35.5	35.6	35.7	35.5
1963	55.9	56.1	56.1	56.1	35.7	35.9	35.8	36.0
1964	56.2	56.6	56.4	56.3	36.1	36.6	36.3	36.3
1965	56.5	58.6	57.0	57.1	36.5	36.9	37.3	37.6
1966	57.3	57.5	57.7	58.0	37.8	38.0	38.5	39.0
1967	57.7	57.6	58.1	58.2	38.6	38.8	39.2	39.5
1968	57.9	58.4	58.3	58.3	39.3	39.8	39.7	39.8
1969	56.5	56.6	58.8	58.8	40.2	40.6	40.9	41.1
1970	58.6	58.2	57.8	57.5	41.1	40.9	40.6	40.6
1971	57.2	57.1	57.1	57.3	40.4	40.1	40.3	40.7
1972	57.3	57.5	57.6	57.7	40.9	41.0	41.0	41.2
1973	56.0	58.3	58.4	58.7	41.5	42.1	42.2	42.6
1974	56.7	58.5	58.3	57.7	42.8	42.7	42.9	42.4
1975	58.6	56.4	58.6	56.5	41.9	41.9	42.2	42.3
1976	57.0	57.3	57.4	57.4	42.9	43.3	43.4	43.5
1977	57.7	58.2	58.4	58.9	43.9	44.5	44.7	45.1
1978	59.2	59.7	59.8	60.1	45.7	46.4	46.6	47.1
1979	60.4	60.2	60.3	60.4	47.3	47.2	47.6	47.9
1980	60.2	59.5	59.2	59.4	48.0	47.7	47.6	47.7
1981	59.6	59.7	59.4	58.9	48.1	48.3	48.0	47.9
1982	58.5	58.4	58.1	57.7	47.7	47.8	47.9	47.5

Table 2. New series including the resident Armed Forces, by sex, 1950-82, seasonally adjusted—Continued

(Numbers in thousands)

Year	I	II	III	IV	I	II	III	IV
	Unemployment rate, both sexes				Unemployment rate, women			
1950 .....	6.3	5.5	4.6	4.1	6.8	5.8	5.2	5.1
1951 .....	3.4	3.0	3.1	3.3	4.7	4.3	4.2	4.4
1952 .....	3.0	2.9	3.1	2.7	3.7	3.7	3.6	3.4
1953 .....	2.6	2.5	2.6	3.6	3.1	2.8	3.1	4.1
1954 .....	5.1	5.6	5.6	5.2	6.1	6.3	6.3	5.5
1955 .....	4.6	4.3	4.0	4.1	5.0	4.7	4.6	4.9
1956 .....	3.9	4.1	4.0	4.0	4.6	5.0	5.0	4.7
1957 .....	3.8	4.0	4.1	4.6	4.5	4.6	4.7	4.9
1958 .....	6.1	7.2	7.1	6.2	6.4	7.3	7.2	6.3
1959 .....	5.7	5.0	5.2	5.5	6.1	5.8	5.6	5.9
1960 .....	5.0	5.1	5.4	6.1	5.6	5.6	5.6	6.6
1961 .....	6.6	6.8	6.6	6.0	7.2	7.5	7.3	6.6
1962 .....	5.5	5.3	5.4	5.4	6.4	6.0	6.2	6.2
1963 .....	5.6	5.5	5.4	5.4	6.4	6.4	6.5	6.5
1964 .....	5.3	5.1	4.9	4.8	6.6	6.3	6.0	6.1
1965 .....	4.6	4.5	4.3	4.0	6.0	5.7	5.3	5.2
1966 .....	3.8	3.7	3.7	3.6	4.6	5.0	4.6	4.8
1967 .....	3.7	3.7	3.7	3.6	5.2	5.0	5.1	5.3
1968 .....	3.6	3.5	3.4	3.3	5.0	4.8	4.7	4.6
1969 .....	3.3	3.3	3.5	3.5	4.6	4.7	4.7	4.6
1970 .....	4.1	4.6	5.1	5.7	5.2	5.6	6.0	6.7
1971 .....	5.6	5.6	5.9	5.8	6.9	6.9	7.0	6.9
1972 .....	5.7	5.6	5.5	5.2	6.6	6.7	6.6	6.4
1973 .....	4.9	4.8	4.7	4.7	6.1	5.9	6.0	5.9
1974 .....	5.0	5.1	5.5	6.5	6.2	6.2	6.6	7.7
1975 .....	8.1	8.7	6.3	6.1	9.3	9.6	9.2	9.1
1976 .....	7.6	7.4	7.6	7.6	8.7	8.3	8.8	8.8
1977 .....	7.4	7.0	6.8	6.5	8.5	8.2	8.1	7.6
1978 .....	6.2	5.9	5.9	5.8	7.3	7.2	7.3	6.9
1979 .....	5.8	5.6	5.8	5.9	6.9	6.8	6.6	6.8
1980 .....	6.2	7.2	7.6	7.3	6.9	7.4	7.6	7.7
1981 .....	7.3	7.3	7.3	8.2	7.7	7.7	7.8	8.4
1982 .....	8.7	9.3	9.8	10.5	8.7	9.2	9.5	10.1
	Unemployment rate, men							
1950 .....	6.1	5.3	4.3	3.7				
1951 .....	2.9	2.5	2.6	2.8				
1952 .....	2.6	2.5	2.9	2.4				
1953 .....	2.4	2.4	2.4	3.4				
1954 .....	4.7	5.3	5.8	5.1				
1955 .....	4.4	4.1	3.6	3.7				
1956 .....	3.6	3.7	3.8	3.7				
1957 .....	3.5	3.7	3.8	4.7				
1958 .....	6.0	7.1	7.1	6.2				
1959 .....	5.5	4.6	5.0	5.3				
1960 .....	4.8	4.9	5.3	5.9				
1961 .....	6.3	8.5	6.2	5.6				
1962 .....	5.0	5.0	5.0	5.0				
1963 .....	5.3	5.1	4.8	4.9				
1964 .....	4.7	4.5	4.3	4.2				
1965 .....	4.1	4.0	3.7	3.4				
1966 .....	3.2	3.0	3.0	3.0				
1967 .....	2.9	3.0	2.9	3.0				
1968 .....	2.9	2.7	2.7	2.8				
1969 .....	2.6	2.5	2.8	2.8				
1970 .....	3.4	4.1	4.5	5.0				
1971 .....	5.1	5.1	5.2	5.2				
1972 .....	5.1	4.9	4.7	4.5				
1973 .....	4.1	4.1	3.9	3.9				
1974 .....	4.3	4.4	4.7	5.7				
1975 .....	7.3	8.1	7.8	7.5				
1976 .....	8.9	6.8	6.8	7.0				
1977 .....	8.8	6.2	5.9	5.8				
1978 .....	5.5	5.0	5.0	5.0				
1979 .....	5.0	4.8	5.0	5.2				
1980 .....	5.7	7.0	7.5	7.1				
1981 .....	7.0	6.9	6.9	8.0				
1982 .....	8.7	9.3	10.0	10.8				

**HOUSEHOLD DATA  
HISTORICAL**

**A-1. Employment status of the noninstitutional population 16 years and over, 1950 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>												
1950 .....	106,164	63,377	59.7	60,087	1,169	58,918	7,160	51,758	3,288	5.2	42,787	
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	44,878	
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	48,088	
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	67,839	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	3,766	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	88,647	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	61.8	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	7,408	7.6	59,991	
1977 .....	160,889	100,685	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,225	
1978 <sup>1</sup> .....	163,541	103,882	63.5	97,879	1,631	96,048	3,387	92,661	6,202	6.0	59,659	
1979 .....	168,480	108,559	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	3,388	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	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
<b>1982:</b>												
March .....	173,338	111,149	64.1	101,268	1,871	99,597	3,367	96,230	9,881	8.9	62,189	
April .....	173,512	111,408	64.2	101,152	1,868	99,484	3,356	96,128	10,258	9.2	62,104	
May .....	173,891	112,043	64.5	101,859	1,685	99,994	3,446	96,548	10,384	9.3	61,648	
June .....	173,854	111,811	64.3	101,345	1,664	99,881	3,371	96,310	10,486	9.4	62,043	
July .....	174,038	112,090	64.4	101,282	1,874	99,588	3,445	98,143	10,826	9.7	61,948	
August .....	174,200	112,303	64.5	101,372	1,889	99,883	3,429	96,254	10,931	9.7	61,897	
September .....	174,380	112,528	64.5	101,213	1,670	99,543	3,363	96,180	11,315	10.1	61,832	
October .....	174,549	112,420	64.4	100,844	1,868	99,176	3,413	95,763	11,578	10.3	62,129	
November .....	174,718	112,702	64.5	100,798	1,660	99,136	3,466	95,670	11,906	10.6	62,016	
December .....	174,864	112,794	64.5	100,758	1,665	99,093	3,411	95,682	12,036	10.7	62,070	
<b>1983:</b>												
January .....	175,021	112,215	64.1	100,770	1,667	99,103	3,412	95,891	11,448	10.2	62,806	
February .....	175,189	112,217	64.1	100,727	1,664	99,063	3,393	95,670	11,490	10.2	62,952	
March .....	175,320	112,148	64.0	100,767	1,664	99,103	3,375	95,729	11,381	10.1	63,172	

<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, 1972 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>												
1972 <sup>1</sup>	69,607	55,327	79.5	52,668	1,772	50,896	2,849	48,047	2,659	4.8	14,280	
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	1,800	51,657	2,824	49,032	4,442	7.7	15,983	
1976	75,341	58,756	78.0	54,720	1,582	53,138	2,744	50,394	4,036	6.9	16,585	
1977	76,756	59,959	78.1	56,291	1,563	54,728	2,671	52,057	3,667	6.1	16,797	
1978 <sup>1</sup>	78,107	61,151	78.3	58,010	1,531	56,479	2,718	53,781	3,142	5.1	18,956	
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	8.8	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	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
1982:												
March	82,763	63,693	77.0	58,031	1,532	56,499	2,692	53,807	5,662	8.9	19,070	
April	82,844	63,829	77.0	57,973	1,529	56,444	2,705	53,739	5,856	9.2	19,015	
May	82,929	64,172	77.4	58,251	1,527	56,724	2,773	53,951	5,921	9.2	18,757	
June	83,006	63,851	76.9	57,775	1,528	56,249	2,729	53,520	6,076	9.5	19,155	
July	83,097	63,898	76.9	57,864	1,537	56,127	2,781	53,346	8,234	9.8	19,189	
August	83,173	64,055	77.0	57,710	1,551	56,159	2,771	53,388	8,345	9.9	19,118	
September	83,231	64,301	77.3	57,598	1,526	56,072	2,707	53,385	6,703	10.4	18,930	
October	83,323	64,300	77.2	57,456	1,524	55,932	2,764	53,168	6,844	10.6	19,023	
November	83,402	64,414	77.2	57,408	1,516	55,892	2,793	53,099	7,006	10.9	18,988	
December	83,581	64,384	77.0	57,338	1,529	55,809	2,710	53,099	7,046	10.9	19,197	
1983:												
January	83,652	63,916	76.4	57,283	1,531	55,752	2,728	53,024	6,633	10.4	19,736	
February	83,720	63,996	76.4	57,234	1,528	55,706	2,652	53,054	6,762	10.6	19,724	
March	83,789	63,957	76.3	57,300	1,528	55,772	2,671	53,101	6,657	10.4	19,832	
<b>Annual averages</b>												
<b>WOMEN</b>												
1972 <sup>1</sup>	76,331	33,520	43.9	31,298	41	31,257	635	30,622	2,222	6.6	42,811	
1973 <sup>1</sup>	77,853	34,853	44.8	32,764	49	32,715	822	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	3,466	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	6.2	43,227	
1978 <sup>1</sup>	85,434	42,731	50.0	39,669	100	39,569	669	38,900	3,081	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	658	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	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
1982:												
March	90,576	47,456	52.4	43,237	139	43,098	675	42,423	4,219	8.9	43,120	
April	90,668	47,579	52.5	43,179	139	43,040	651	42,389	4,400	9.2	43,089	
May	90,762	47,871	52.7	43,408	136	43,270	673	42,597	4,463	9.3	42,891	
June	90,848	47,980	52.6	43,570	138	43,432	642	42,790	4,390	9.2	42,888	
July	90,941	48,192	53.0	43,598	137	43,461	664	42,797	4,594	9.5	42,749	
August	91,027	48,248	53.0	43,662	136	43,524	658	42,866	4,586	9.5	42,779	
September	91,129	48,227	52.9	43,815	144	43,671	658	42,815	4,612	9.6	42,902	
October	91,226	48,120	52.7	43,388	144	43,244	649	42,595	4,732	9.6	43,106	
November	91,316	48,288	52.9	43,388	144	43,244	673	42,571	4,900	10.1	43,026	
December	91,283	48,410	53.0	43,420	136	43,284	701	42,583	4,990	10.3	42,873	
1983:												
January	91,369	48,299	52.9	43,486	136	43,350	684	42,666	4,613	10.0	43,070	
February	91,449	48,220	52.7	43,493	136	43,357	740	42,617	4,727	9.6	43,229	
March	91,532	48,191	52.6	43,467	136	43,331	704	42,627	4,724	9.8	43,341	

<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  
NOT SEASONALLY ADJUSTED**

**A-3. Employment status of the civilian noninstitutional population by age, sex, and race**

(Numbers in thousands)

Age, sex, and race	March 1983										
	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 .....	173,656	109,873	63.3	97,994	11,879	10.8	63,784	31,829	10,248	2,704	19,203
16 to 19 years .....	15,429	7,418	48.1	5,801	1,818	24.5	8,011	544	6,890	35	542
18 to 17 years .....	7,489	2,653	35.5	1,934	718	27.1	4,816	137	4,495	6	178
18 to 19 years .....	7,960	4,786	59.9	3,886	1,099	23.1	3,186	406	2,395	29	384
20 to 24 years .....	20,832	15,684	75.3	13,118	2,567	18.4	5,148	2,037	2,276	58	776
25 to 54 years .....	89,871	71,724	80.0	65,145	6,579	9.2	17,950	13,516	1,036	847	2,548
25 to 34 years .....	38,938	31,581	81.1	27,996	3,585	11.4	7,357	5,485	758	227	907
25 to 29 years .....	20,405	16,620	81.5	14,486	2,154	13.0	3,785	2,709	508	100	486
30 to 34 years .....	18,532	14,961	80.7	13,630	1,431	9.8	3,571	2,755	260	128	439
35 to 44 years .....	28,559	23,318	81.8	21,487	1,829	7.8	5,243	4,146	210	228	656
35 to 39 years .....	15,783	12,869	81.5	11,825	1,033	8.0	2,824	2,340	132	91	352
40 to 44 years .....	12,777	10,456	81.8	9,662	796	7.8	2,319	1,787	78	137	307
45 to 54 years .....	22,178	18,827	75.9	15,662	1,168	6.9	5,349	3,807	68	382	982
45 to 49 years .....	11,044	8,684	78.6	8,082	603	6.9	2,359	1,777	44	165	375
50 to 54 years .....	11,133	8,143	73.1	7,560	563	6.9	2,990	2,130	25	228	807
55 to 64 years .....	21,985	11,995	54.8	11,184	811	6.8	9,990	5,633	31	707	3,619
55 to 59 years .....	11,402	7,257	63.8	6,729	528	7.3	4,145	2,644	19	388	1,116
60 to 64 years .....	10,583	4,736	44.8	4,455	283	6.0	5,845	2,989	12	341	2,503
65 years and over .....	25,738	3,051	11.9	2,847	104	3.4	22,686	9,896	18	1,056	11,717
65 to 69 years .....	8,859	1,808	20.4	1,738	70	3.9	7,051	3,130	10	254	3,658
70 years and over .....	16,878	1,243	7.4	1,208	35	2.8	15,635	6,766	6	802	8,059
<b>Men</b>											
16 years and over .....	82,261	62,117	75.5	54,819	7,298	11.7	20,143	392	5,207	1,541	13,004
16 to 19 years .....	7,732	3,897	50.4	2,837	1,059	27.2	3,835	18	3,490	20	307
18 to 17 years .....	3,792	1,398	36.9	991	407	29.1	2,394	9	2,286	1	97
18 to 19 years .....	3,940	2,499	63.4	1,846	652	26.1	1,441	9	1,204	19	210
20 to 24 years .....	10,150	8,341	82.2	8,785	1,557	18.7	1,809	26	1,247	38	486
25 to 54 years .....	43,809	40,904	93.8	38,833	4,072	10.0	2,706	137	482	578	1,527
25 to 34 years .....	19,034	17,933	94.2	15,667	2,266	12.8	1,101	46	381	150	525
25 to 29 years .....	9,989	9,374	93.8	7,984	1,390	14.8	815	20	265	60	270
30 to 34 years .....	9,045	6,559	72.6	7,683	876	10.2	486	26	116	90	254
35 to 44 years .....	13,883	13,213	95.2	12,138	1,075	8.1	870	55	55	178	384
35 to 39 years .....	7,875	7,334	93.1	6,731	602	8.2	341	35	32	69	204
40 to 44 years .....	6,208	5,679	91.5	5,407	473	8.0	329	20	23	108	180
45 to 54 years .....	10,692	9,758	91.3	9,028	730	7.5	934	37	26	253	618
45 to 49 years .....	5,348	4,999	93.5	4,649	360	7.0	349	18	15	99	218
50 to 54 years .....	5,344	4,759	89.1	4,379	380	8.0	585	19	12	154	400
55 to 64 years .....	10,253	7,112	69.4	6,575	537	7.5	3,141	48	2	477	2,615
55 to 59 years .....	5,366	4,323	80.6	3,967	358	8.2	1,043	26	2	232	784
60 to 64 years .....	4,887	2,789	57.1	2,806	181	6.5	2,086	22	-	245	1,831
65 years and over .....	10,518	1,863	17.7	1,789	74	3.9	8,653	180	6	430	6,057
65 to 69 years .....	3,945	1,074	27.2	1,027	47	4.4	2,871	38	6	140	2,688
70 years and over .....	6,570	789	12.0	782	27	3.4	5,781	123	-	289	5,369
<b>Women</b>											
16 years and over .....	91,396	47,755	52.3	43,175	4,581	9.6	43,640	31,237	5,041	1,164	6,199
16 to 19 years .....	7,697	3,522	45.6	2,763	758	21.5	4,175	526	3,400	15	235
18 to 17 years .....	3,677	1,255	34.1	943	311	24.8	2,422	128	2,208	5	81
18 to 19 years .....	4,020	2,267	56.4	1,820	447	19.7	1,753	398	1,182	10	154
20 to 24 years .....	10,682	7,343	68.7	6,333	1,010	13.8	3,339	2,009	1,028	23	279
25 to 54 years .....	48,082	30,820	68.9	28,312	2,508	8.1	15,244	13,379	574	299	1,021
25 to 34 years .....	19,903	13,648	68.6	12,329	1,318	9.7	6,256	5,419	377	78	383
25 to 29 years .....	10,418	7,246	69.6	6,482	764	10.5	3,170	2,689	243	40	198
30 to 34 years .....	9,487	6,402	67.5	5,847	555	6.7	3,085	2,729	134	38	185
35 to 44 years .....	14,675	10,103	68.8	9,349	754	7.5	4,573	4,091	165	52	275
35 to 39 years .....	8,108	5,525	68.1	5,094	431	7.8	2,583	2,314	100	22	148
40 to 44 years .....	6,588	4,577	69.7	4,255	323	7.1	1,990	1,777	55	31	127
45 to 54 years .....	11,484	7,099	61.6	6,634	435	6.2	4,415	3,670	42	159	384
45 to 49 years .....	5,696	3,686	64.7	3,433	253	6.9	2,010	1,759	29	68	157
50 to 54 years .....	5,789	3,384	58.5	3,201	183	5.4	2,405	2,111	13	74	207
55 to 64 years .....	11,732	4,883	41.8	4,609	274	5.8	6,849	5,585	30	230	1,004
55 to 59 years .....	6,036	2,934	48.6	2,762	172	5.9	3,102	2,619	17	134	332
60 to 64 years .....	5,696	1,949	34.2	1,847	102	5.2	3,747	2,967	12	96	673
65 years and over .....	15,222	1,168	7.8	1,156	31	2.6	14,033	9,737	10	627	3,680
65 to 69 years .....	4,914	734	14.9	711	23	3.1	4,180	3,092	4	114	970
70 years and over .....	10,308	454	4.4	446	8	1.8	9,854	6,645	6	513	2,690

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-3. Employment status of the civilian noninstitutional population by age, sex, and race—Continued**

(Numbers in thousands)

Age, sex, and race	March 1983										
	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 .....	150,382	95,599	83.6	86,385	9,214	9.6	54,783	27,928	8,014	2,187	16,653
16 to 19 years .....	12,773	8,629	51.9	5,134	1,495	22.6	8,145	418	5,284	27	418
18 to 17 years .....	8,186	2,452	39.8	1,821	631	25.7	3,715	108	3,454	2	151
18 to 19 years .....	8,607	4,177	63.2	3,313	865	20.7	2,430	308	1,830	25	266
20 to 24 years .....	17,519	13,427	78.8	11,567	1,880	13.9	4,092	1,828	1,868	47	553
25 to 54 years .....	77,231	82,019	60.3	56,934	5,085	8.2	15,213	11,749	821	670	1,972
25 to 34 years .....	33,171	27,026	81.5	24,347	2,679	9.9	8,146	4,717	594	177	657
25 to 29 years .....	17,344	14,231	82.1	12,631	1,601	11.3	3,113	2,310	403	71	329
30 to 34 years .....	15,827	12,794	80.8	11,716	1,078	8.4	3,032	2,407	192	107	328
35 to 44 years .....	24,706	20,228	81.9	18,784	1,444	7.1	4,478	3,813	173	182	510
35 to 39 years .....	13,866	11,157	81.8	10,361	795	9.8	2,509	2,081	101	71	279
40 to 44 years .....	11,040	9,070	82.2	8,423	649	7.2	1,969	1,563	72	111	232
45 to 54 years .....	19,354	14,785	78.3	13,804	961	6.5	4,589	3,418	53	312	806
45 to 49 years .....	9,566	7,536	78.8	7,053	485	8.4	2,030	1,559	36	130	300
50 to 54 years .....	9,788	7,229	73.9	6,752	478	8.7	2,559	1,856	17	182	507
55 to 64 years .....	19,609	10,753	54.8	10,065	688	6.4	8,856	5,074	30	549	3,202
55 to 59 years .....	10,132	6,509	64.2	6,065	444	8.8	3,823	2,363	18	272	969
60 to 64 years .....	9,477	4,244	44.8	4,000	244	5.8	5,233	2,711	13	278	2,233
65 years and over .....	23,249	2,770	11.9	2,684	86	3.1	20,479	9,063	14	884	10,508
65 to 69 years .....	7,984	1,839	20.5	1,580	59	3.8	6,345	2,843	9	212	3,281
70 years and over .....	15,265	1,131	7.4	1,104	27	2.4	14,133	6,220	5	682	7,226
<b>Men</b>											
16 years and over .....	71,754	54,752	78.3	48,910	5,842	10.7	17,003	329	4,118	1,256	11,302
16 to 19 years .....	6,427	3,454	53.7	2,589	865	25.0	2,973	19	2,701	17	236
18 to 17 years .....	3,143	1,279	40.7	931	348	27.2	1,864	10	1,772	1	81
18 to 19 years .....	3,284	2,175	66.2	1,658	517	23.8	1,109	9	929	16	155
20 to 24 years .....	8,599	7,152	83.2	5,973	1,179	16.5	1,448	21	1,052	27	348
25 to 54 years .....	36,027	35,978	94.6	32,891	3,285	9.1	2,052	110	354	466	1,121
25 to 34 years .....	16,445	15,647	95.1	13,852	1,795	11.5	796	33	298	117	350
25 to 29 years .....	6,615	6,171	94.8	7,072	1,099	13.5	444	12	215	42	175
30 to 34 years .....	7,830	7,476	95.5	6,780	696	9.3	354	21	83	76	175
35 to 44 years .....	12,180	11,681	95.9	10,803	876	7.5	500	44	39	140	277
35 to 39 years .....	6,753	6,504	96.3	6,019	485	7.5	249	26	17	50	155
40 to 44 years .....	5,427	5,178	95.4	4,784	393	7.8	251	17	22	90	122
45 to 54 years .....	9,402	8,647	92.0	8,036	611	7.1	754	33	17	209	495
45 to 49 years .....	4,667	4,366	94.0	4,101	268	6.6	279	16	11	77	175
50 to 54 years .....	4,735	4,259	90.0	3,938	324	7.6	475	17	6	132	321
55 to 64 years .....	9,209	6,485	70.2	6,010	454	7.0	2,744	36	4	366	2,338
55 to 59 years .....	4,616	3,936	81.7	3,636	300	7.8	880	21	3	170	687
60 to 64 years .....	4,392	2,529	57.8	2,375	154	6.1	1,864	15	1	196	1,651
65 years and over .....	8,482	1,705	18.0	1,647	59	3.4	7,787	142	5	380	7,260
65 to 69 years .....	3,571	983	27.8	954	39	3.9	2,578	32	5	127	2,414
70 years and over .....	5,921	712	12.0	693	19	2.7	5,209	110	-	253	4,846
<b>Women</b>											
16 years and over .....	78,828	40,647	51.9	37,475	3,372	8.3	37,781	27,800	3,899	931	5,351
16 to 19 years .....	6,346	3,175	50.0	2,544	831	19.9	3,171	397	2,583	10	161
18 to 17 years .....	3,023	1,173	38.8	890	283	24.1	1,651	98	1,682	1	70
18 to 19 years .....	3,323	2,002	60.3	1,654	348	17.4	1,321	300	901	9	111
20 to 24 years .....	6,920	6,275	70.3	5,595	860	10.8	2,845	1,605	814	20	206
25 to 54 years .....	39,204	26,043	66.4	24,243	1,800	6.9	13,161	11,639	487	204	651
25 to 34 years .....	16,726	11,376	68.0	10,495	884	7.6	5,347	4,864	297	60	307
25 to 29 years .....	8,729	6,060	69.4	5,559	502	8.3	2,869	2,288	188	29	154
30 to 34 years .....	7,997	5,316	68.5	4,936	382	7.2	2,878	2,386	109	31	153
35 to 44 years .....	12,526	8,547	68.2	7,981	566	6.6	3,979	3,570	134	42	234
35 to 39 years .....	6,913	4,653	67.3	4,342	310	6.7	2,260	2,032	64	21	124
40 to 44 years .....	5,613	3,894	69.4	3,639	256	6.6	1,718	1,538	50	21	110
45 to 54 years .....	9,852	6,118	61.5	5,787	350	5.7	3,835	3,385	36	103	311
45 to 49 years .....	4,699	3,146	64.3	2,952	197	6.2	1,751	1,548	25	53	125
50 to 54 years .....	5,053	2,970	58.6	2,818	154	5.2	2,084	1,637	11	50	166
55 to 64 years .....	10,401	4,288	41.2	4,055	234	5.5	6,112	5,038	26	183	665
55 to 59 years .....	5,316	2,573	48.4	2,429	144	5.6	2,743	2,342	15	103	283
60 to 64 years .....	5,085	1,718	33.7	1,626	90	5.2	3,369	2,696	11	60	582
65 years and over .....	13,757	1,065	7.7	1,038	28	2.8	12,691	6,921	9	514	3,248
65 to 69 years .....	4,419	646	14.6	626	20	3.0	3,787	2,611	4	65	667
70 years and over .....	9,344	419	4.5	411	8	1.9	8,924	6,110	5	429	2,380

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-3. Employment status of the civilian noninstitutional population by age, sex, and race—Continued**

(Numbers in thousands)

Age, sex, and race	March 1983										
	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 .....	16,823	11,416	60.8	9,102	2,314	20.3	7,407	3,005	1,749	467	2,186
16 to 19 years .....	2,242	661	29.5	375	287	43.3	1,581	109	1,349	8	115
18 to 17 years .....	1,106	155	14.0	85	70	45.0	951	27	893	4	27
18 to 19 years .....	1,136	506	44.8	289	217	42.8	630	82	455	4	88
20 to 24 years .....	2,719	1,882	69.2	1,250	632	33.6	837	352	275	11	198
25 to 54 years .....	9,779	7,637	78.1	6,356	1,261	16.6	2,141	1,353	123	157	508
25 to 34 years .....	4,564	3,632	79.8	2,851	781	21.5	832	564	95	43	230
25 to 29 years .....	2,449	1,916	78.3	1,441	477	24.9	531	313	58	26	132
30 to 34 years .....	2,114	1,714	81.1	1,409	304	17.7	401	251	37	16	98
35 to 44 years .....	2,958	2,384	80.6	2,048	336	14.1	574	392	17	39	126
35 to 39 years .....	1,618	1,306	80.9	1,100	208	15.9	308	212	15	16	62
40 to 44 years .....	1,342	1,077	80.3	949	128	11.9	265	180	3	20	63
45 to 54 years .....	2,257	1,821	71.8	1,457	164	10.1	635	397	11	75	152
45 to 49 years .....	1,164	901	77.4	806	95	10.5	263	162	6	31	65
50 to 54 years .....	1,092	721	66.0	651	70	9.7	372	235	6	44	67
55 to 64 years .....	1,980	1,009	51.5	907	102	10.1	951	441	-	150	360
55 to 59 years .....	1,048	606	57.9	534	72	11.9	440	222	-	89	129
60 to 64 years .....	914	403	44.1	373	30	7.5	511	219	1	61	231
65 years and over .....	2,124	227	10.7	215	12	5.4	1,897	750	2	141	1,005
65 to 69 years .....	734	132	18.0	125	8	4.5	603	249	1	36	317
70 years and over .....	1,389	95	6.8	89	6	6.3	1,294	500	1	105	687
<b>Men</b>											
16 years and over .....	8,396	5,615	69.2	4,559	1,256	21.6	2,563	58	819	254	1,452
16 to 19 years .....	1,095	375	34.2	200	175	46.8	720	-	653	2	86
18 to 17 years .....	548	98	17.8	48	50	50.8	452	-	437	-	16
18 to 19 years .....	548	277	50.9	152	128	45.3	268	-	215	3	50
20 to 24 years .....	1,242	977	78.7	644	333	34.1	285	3	119	9	132
25 to 54 years .....	4,360	3,624	87.7	3,153	671	17.5	536	30	47	101	359
25 to 34 years .....	2,048	1,804	88.1	1,404	400	22.2	243	15	36	28	164
25 to 29 years .....	1,100	963	87.8	711	252	26.1	137	9	20	18	90
30 to 34 years .....	948	840	88.6	692	148	17.6	106	5	17	11	73
35 to 44 years .....	1,314	1,177	89.5	996	181	15.4	136	11	4	32	92
35 to 39 years .....	719	643	89.4	535	108	16.8	77	9	5	18	44
40 to 44 years .....	595	534	89.7	481	73	13.6	81	2	-	13	47
45 to 54 years .....	1,000	844	84.5	754	90	10.7	155	4	7	41	103
45 to 49 years .....	517	456	88.2	413	43	9.4	61	2	3	21	36
50 to 54 years .....	482	388	80.5	340	48	12.3	84	2	5	20	67
55 to 64 years .....	857	513	59.9	444	68	13.3	343	8	-	103	233
55 to 59 years .....	457	307	67.2	258	49	15.8	150	5	-	58	87
60 to 64 years .....	400	208	51.8	186	20	9.6	183	2	-	46	147
65 years and over .....	845	126	14.9	117	9	7.1	719	16	1	39	662
65 to 69 years .....	308	60	19.3	58	3	( <sup>1</sup> )	249	5	1	9	234
70 years and over .....	536	66	12.4	61	6	( <sup>1</sup> )	470	12	-	29	428
<b>Women</b>											
16 years and over .....	10,425	5,601	53.7	4,543	1,058	16.9	4,624	2,948	930	212	734
16 to 19 years .....	1,147	286	24.9	175	111	38.9	861	110	896	6	49
18 to 17 years .....	557	57	10.3	37	20	35.1	499	28	456	4	11
18 to 19 years .....	590	229	38.7	138	91	39.8	362	62	240	1	36
20 to 24 years .....	1,477	905	61.3	605	296	33.1	572	349	156	2	88
25 to 54 years .....	5,419	3,613	70.4	3,203	610	16.0	1,605	1,323	76	58	149
25 to 34 years .....	2,516	1,826	72.6	1,447	381	20.9	669	549	59	15	66
25 to 29 years .....	1,349	955	70.8	730	225	23.6	394	304	39	10	42
30 to 34 years .....	1,166	874	74.8	717	156	17.9	295	246	20	5	25
35 to 44 years .....	1,644	1,206	73.5	1,053	155	12.6	436	381	13	7	34
35 to 39 years .....	897	665	74.1	565	100	15.1	232	203	10	-	18
40 to 44 years .....	747	543	72.7	488	55	10.1	204	178	3	7	18
45 to 54 years .....	1,257	777	61.8	703	74	9.5	480	393	4	34	49
45 to 49 years .....	647	445	68.8	393	52	11.7	202	160	3	10	29
50 to 54 years .....	610	333	54.5	311	22	6.5	278	233	1	24	20
55 to 64 years .....	1,103	496	44.9	462	33	6.6	606	433	1	47	127
55 to 59 years .....	589	299	50.8	276	23	7.8	290	216	-	31	42
60 to 64 years .....	514	197	38.3	187	10	5.2	316	217	1	15	84
65 years and over .....	1,279	101	7.9	96	3	3.3	1,178	732	1	102	343
65 to 69 years .....	426	72	16.9	89	3	( <sup>1</sup> )	354	244	-	27	83
70 years and over .....	853	29	3.4	28	-	( <sup>1</sup> )	624	488	1	76	259

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



**HOUSEHOLD DATA**  
**NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age and sex	March 1983								Not in labor force	
	Civilian noninstitutional population	Civilian labor force						Percent of labor force		
		Total	Percent of population	Employed			Unemployed			
				Total	Agriculture	Nonagricultural industries	Number			Percent of labor force
<b>TOTAL</b>										
16 years and over .....	23,275	14,274	61.3	11,809	209	11,400	2,885	18.7	9,000	
16 to 19 years .....	2,858	789	29.7	487	13	454	322	40.8	1,868	
16 to 17 years .....	1,303	201	15.4	114	2	111	88	43.5	1,101	
18 to 19 years .....	1,353	588	43.5	353	11	343	235	38.9	785	
20 to 24 years .....	3,313	2,257	68.1	1,550	27	1,523	707	31.3	1,058	
25 to 54 years .....	12,443	9,706	78.0	8,211	130	8,080	1,495	15.4	2,737	
25 to 34 years .....	5,787	4,555	79.0	3,850	53	3,597	906	19.9	1,211	
25 to 29 years .....	3,081	2,389	78.0	1,836	23	1,813	553	23.1	872	
30 to 34 years .....	2,708	1,156	42.7	1,814	30	1,784	353	30.5	539	
35 to 44 years .....	3,852	3,088	80.2	2,703	53	2,650	385	12.5	765	
35 to 39 years .....	2,118	1,701	80.4	1,464	19	1,445	238	14.0	414	
40 to 44 years .....	1,736	1,386	79.8	1,239	33	1,205	147	10.6	350	
45 to 54 years .....	2,823	2,082	73.1	1,858	25	1,833	204	9.9	780	
45 to 49 years .....	1,478	1,148	77.7	1,029	15	1,014	119	10.4	329	
50 to 54 years .....	1,345	914	68.0	828	10	819	86	9.4	431	
55 to 64 years .....	2,376	1,241	52.2	1,119	27	1,091	122	9.9	1,134	
55 to 59 years .....	1,270	748	58.9	684	15	649	84	11.2	522	
60 to 64 years .....	1,106	493	44.6	454	12	443	39	7.9	812	
65 years and over .....	2,489	281	11.3	283	12	251	18	6.5	2,208	
65 to 69 years .....	875	189	19.3	158	5	153	11	6.5	706	
70 years and over .....	1,613	112	6.9	105	7	97	15	13.4	1,501	
<b>Men</b>										
16 years and over .....	10,508	7,388	70.1	5,809	175	5,734	1,456	19.8	3,141	
16 to 19 years .....	1,305	443	33.9	248	12	237	185	44.0	882	
16 to 17 years .....	649	119	18.4	80	2	58	59	49.5	530	
18 to 19 years .....	855	323	49.3	188	9	178	136	41.9	332	
20 to 24 years .....	1,551	1,189	76.7	812	15	796	377	31.7	382	
25 to 54 years .....	5,583	4,829	88.3	4,142	111	4,031	767	18.0	654	
25 to 34 years .....	2,589	2,288	88.3	1,815	41	1,774	471	20.6	303	
25 to 29 years .....	1,374	1,203	87.5	912	20	892	291	24.2	171	
30 to 34 years .....	1,215	1,083	89.2	903	21	882	180	18.6	132	
35 to 44 years .....	1,703	1,532	90.0	1,335	47	1,288	197	12.9	170	
35 to 39 years .....	821	629	90.0	712	15	697	117	14.1	92	
40 to 44 years .....	781	703	90.0	623	32	591	80	11.3	78	
45 to 54 years .....	1,291	1,111	86.1	992	23	969	119	10.7	180	
45 to 49 years .....	681	611	89.7	548	13	535	63	10.2	70	
50 to 54 years .....	610	500	82.0	443	10	434	57	11.3	110	
55 to 64 years .....	1,044	647	61.9	585	25	540	82	12.7	398	
55 to 59 years .....	550	367	70.3	331	14	317	56	14.4	183	
60 to 64 years .....	494	260	52.6	234	11	223	27	10.2	234	
65 years and over .....	1,023	158	15.4	143	12	131	15	9.5	888	
65 to 69 years .....	374	81	21.8	73	5	68	8	9.5	293	
70 years and over .....	649	77	11.8	70	7	62	7	9.5	572	
<b>Women</b>										
16 years and over .....	12,768	6,909	54.1	5,700	35	5,665	1,209	17.5	5,880	
16 to 19 years .....	1,351	347	25.7	219	1	218	128	36.8	1,004	
16 to 17 years .....	653	82	12.5	53	-	53	29	34.8	571	
18 to 19 years .....	898	285	38.0	186	1	184	99	37.4	433	
20 to 24 years .....	1,782	1,068	60.8	739	12	727	330	30.9	694	
25 to 54 years .....	8,880	4,777	69.8	4,089	19	4,049	708	14.8	2,083	
25 to 34 years .....	3,178	2,269	71.4	1,835	12	1,823	435	19.2	908	
25 to 29 years .....	1,687	1,186	70.3	924	3	921	262	22.1	501	
30 to 34 years .....	1,491	1,084	72.7	911	9	902	173	15.9	407	
35 to 44 years .....	2,150	1,555	72.4	1,387	5	1,382	188	12.1	594	
35 to 39 years .....	1,195	872	73.0	752	4	748	121	13.9	322	
40 to 44 years .....	955	683	71.5	618	1	614	87	9.8	272	
45 to 54 years .....	1,532	951	62.1	886	2	884	85	8.9	581	
45 to 49 years .....	797	537	67.4	481	2	479	56	10.4	259	
50 to 54 years .....	735	414	56.3	385	-	385	29	7.0	321	
55 to 64 years .....	1,331	594	44.7	554	3	552	40	6.8	737	
55 to 59 years .....	720	361	50.2	333	2	332	28	7.7	359	
60 to 64 years .....	611	233	38.1	221	1	220	12	5.2	378	
65 years and over .....	1,465	123	8.4	120	-	120	3	2.7	1,342	
65 to 69 years .....	501	88	17.6	85	-	85	3	3.3	413	
70 years and over .....	964	35	3.6	35	-	35	-	(1)	929	

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-5. 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. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
<b>TOTAL</b>								
Civilian noninstitutional population .....	171,667	173,656	73,287	74,528	82,478	83,699	15,902	15,429
Civilian labor force .....	108,761	108,873	57,585	58,220	43,356	44,234	7,820	7,418
Percent of population .....	63.4	63.3	78.6	78.1	52.6	52.8	49.2	48.1
Employed .....	98,471	97,994	52,418	51,982	40,010	40,411	6,043	5,601
Agriculture .....	2,964	2,971	2,194	2,214	525	544	245	213
Nonagricultural industries .....	95,507	95,023	50,224	49,768	39,485	39,868	5,798	5,388
Unemployed .....	10,290	11,879	5,167	6,239	3,346	3,823	1,777	1,818
Unemployment rate .....	9.5	10.6	9.0	10.7	7.7	8.6	22.7	24.5
Not in labor force .....	62,906	63,784	15,702	16,308	39,123	39,465	8,082	8,011
<b>White</b>								
Civilian noninstitutional population .....	149,132	150,382	64,411	65,327	71,502	72,281	13,219	12,773
Civilian labor force .....	95,101	95,599	50,937	51,298	37,218	37,672	6,946	6,629
Percent of population .....	63.8	63.6	79.1	78.5	52.1	52.1	52.5	51.9
Employed .....	87,088	86,385	46,830	46,320	34,716	34,931	5,542	5,134
Agriculture .....	2,703	2,761	1,968	2,051	503	511	232	200
Nonagricultural industries .....	84,385	83,623	44,863	44,270	34,212	34,420	5,310	4,933
Unemployed .....	8,013	9,214	4,106	4,977	2,502	2,742	1,405	1,495
Unemployment rate .....	8.4	9.6	8.1	9.7	6.7	7.3	20.2	22.8
Not in labor force .....	54,032	54,783	13,475	14,029	34,284	34,609	6,273	6,145
<b>Black</b>								
Civilian noninstitutional population .....	18,480	18,823	7,134	7,303	9,083	9,278	2,263	2,242
Civilian labor force .....	11,085	11,416	5,296	5,440	5,060	5,315	728	661
Percent of population .....	60.0	60.8	74.2	74.5	55.7	57.3	32.2	29.5
Employed .....	9,082	9,102	4,379	4,359	4,294	4,389	390	375
Agriculture .....	194	163	179	129	7	22	8	12
Nonagricultural industries .....	8,888	8,939	4,200	4,231	4,287	4,348	381	363
Unemployed .....	2,022	2,314	918	1,081	766	946	339	287
Unemployment rate .....	18.2	20.3	17.3	18.9	15.1	17.8	46.5	43.3
Not in labor force .....	7,395	7,407	1,838	1,883	4,023	3,963	1,535	1,561

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-6. 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 1983								
	Total			White			Black		
	Both sexes	Men	Women	Both sexes	Men	Women	Both sexes	Men	Women
<b>TOTAL</b>									
Civilian noninstitutional population .....	23,555	11,682	11,873	19,557	9,744	9,813	3,339	1,601	1,738
Civilian labor force .....	13,086	8,848	6,238	11,461	5,971	5,490	1,355	734	621
Percent of population .....	55.6	58.8	52.5	58.8	81.3	55.9	40.6	45.8	35.8
Employed .....	10,277	5,191	5,086	9,281	4,671	4,610	790	414	378
Agriculture .....	362	300	62	337	281	56	22	16	6
Nonagricultural industries .....	9,916	4,892	5,024	8,944	4,390	4,554	768	398	370
Unemployed .....	2,808	1,656	1,152	2,180	1,300	879	565	320	245
Looking for full-time work .....	1,798	1,111	687	1,322	839	483	432	245	188
Looking for part-time work .....	1,010	545	465	858	461	397	132	75	57
Percent of labor force .....	21.5	24.2	18.5	19.0	21.8	18.0	41.7	43.6	39.4
Not in labor force .....	10,469	4,834	5,635	8,096	3,773	4,323	1,984	867	1,117
<b>Major activity: Going to school</b>									
Civilian noninstitutional population .....	12,570	6,402	6,168	10,306	5,282	5,024	1,866	896	970
Civilian labor force .....	4,261	2,175	2,086	3,863	1,970	1,893	330	160	170
Percent of population .....	33.9	34.0	33.8	37.5	37.3	37.7	17.7	17.9	17.5
Employed .....	3,241	1,600	1,641	3,012	1,485	1,527	164	85	99
Agriculture .....	107	88	19	103	86	17	2	-	2
Nonagricultural industries .....	3,135	1,513	1,622	2,909	1,399	1,510	182	85	97
Unemployed .....	1,019	574	445	851	485	366	146	75	71
Looking for full-time work .....	140	89	51	94	69	25	42	18	26
Looking for part-time work .....	880	486	394	757	416	341	104	59	45
Percent of labor force .....	23.9	26.4	21.3	22.0	24.6	19.3	44.2	46.9	41.9
Not in labor force .....	8,309	4,227	4,082	6,443	3,312	3,131	1,538	736	800
<b>Major activity: Other</b>									
Civilian noninstitutional population .....	10,985	5,260	5,705	9,252	4,462	4,789	1,473	705	768
Civilian labor force .....	8,825	4,873	4,152	7,598	4,001	3,597	1,025	574	451
Percent of population .....	80.3	86.5	72.8	82.1	89.7	75.1	69.6	81.3	58.8
Employed .....	7,036	3,591	3,445	6,269	3,186	3,083	806	329	278
Agriculture .....	255	212	43	233	195	39	20	16	4
Nonagricultural industries .....	6,781	3,379	3,402	6,035	2,991	3,044	588	313	273
Unemployed .....	1,789	1,082	707	1,329	815	514	419	245	174
Looking for full-time work .....	1,659	1,023	636	1,227	770	457	390	229	181
Looking for part-time work .....	130	59	71	102	45	56	29	16	12
Percent of labor force .....	20.3	23.2	17.0	17.5	20.4	14.3	40.9	42.7	38.5
Not in labor force .....	2,160	607	1,553	1,654	461	1,193	448	132	316

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-7. 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. 1982	Mar. 1983	Total		Employed		Unemployed			
			Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Number		Percent of labor force	
							Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
<b>VETERANS</b>										
Total, 25 years and over .....	8,668	8,270	8,186	7,773	7,439	6,938	747	835	9.1	10.7
25 to 39 years .....	7,216	6,509	6,909	6,210	6,225	5,488	684	722	9.9	11.6
25 to 29 years .....	1,302	916	1,209	857	1,004	687	205	170	17.0	19.8
30 to 34 years .....	3,059	2,465	2,924	2,339	2,648	2,040	278	299	9.4	12.8
35 to 39 years .....	2,855	3,128	2,776	3,014	2,573	2,761	203	253	7.3	8.4
40 years and over .....	1,452	1,761	1,277	1,563	1,214	1,450	63	113	4.9	7.2
<b>NONVETERANS</b>										
Total, 25 to 39 years .....	17,907	19,377	16,961	18,297	15,491	16,280	1,470	2,017	8.7	11.0
25 to 29 years .....	8,072	8,520	7,595	8,016	6,796	6,900	799	1,116	10.5	13.9
30 to 34 years .....	5,825	6,512	5,567	6,156	5,145	5,586	422	570	7.6	9.3
35 to 39 years .....	4,010	4,345	3,799	4,125	3,550	3,794	249	331	6.6	8.0

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.

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	March 1983								
	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 .....	93,431	77,061	6,213	10,157	10.9	16,441	14,720	1,722	10.5
16 to 19 years .....	3,211	1,565	663	963	30.0	4,207	3,353	854	20.3
16 to 17 years .....	402	154	91	156	38.8	2,251	1,689	562	25.0
18 to 19 years .....	2,809	1,431	571	807	28.7	1,956	1,664	292	14.9
20 years and over .....	90,220	75,476	5,550	9,194	10.2	12,234	11,367	867	7.1
20 to 24 years .....	12,995	9,458	1,292	2,245	17.3	2,689	2,367	322	12.0
25 years and over .....	77,225	66,017	4,259	6,949	9.0	9,545	9,000	545	5.7
25 to 54 years .....	65,148	55,407	3,583	6,178	9.5	6,576	6,175	401	6.1
55 years and over .....	12,077	10,611	695	771	6.4	2,969	2,825	144	4.9
<b>Men, 16 years and over</b> .....	56,675	47,214	2,924	6,537	11.5	5,442	4,682	761	14.0
16 to 19 years .....	1,809	902	332	575	31.8	2,088	1,603	484	23.2
20 years and over .....	54,866	46,311	2,592	5,962	10.9	3,355	3,078	276	8.2
20 to 24 years .....	7,223	5,173	611	1,439	19.9	1,118	1,001	118	10.5
25 years and over .....	47,643	41,138	1,981	4,524	9.5	2,237	2,078	159	7.1
25 to 54 years .....	39,895	34,266	1,651	3,977	10.0	1,010	915	95	9.4
55 years and over .....	7,748	6,872	330	546	7.0	1,227	1,163	64	5.2
<b>Women, 16 years and over</b> .....	36,756	29,848	3,289	3,620	9.6	10,999	10,038	961	8.7
16 to 19 years .....	1,402	683	330	386	27.7	2,120	1,750	370	17.5
20 years and over .....	35,354	29,164	2,958	3,232	9.1	8,879	8,289	591	6.7
20 to 24 years .....	5,772	4,285	681	806	14.0	1,571	1,367	204	13.0
25 years and over .....	29,582	24,879	2,277	2,425	8.2	7,309	6,922	387	5.3
25 to 54 years .....	25,253	21,140	1,912	2,201	8.7	5,566	5,259	306	5.5
55 years and over .....	4,329	3,739	386	224	5.2	1,743	1,662	81	4.6
<b>White</b>									
<b>Men, 16 years and over</b> .....	49,851	42,206	2,421	5,223	10.5	4,901	4,282	619	12.6
16 to 19 years .....	1,572	843	275	453	28.8	1,882	1,471	411	21.8
20 years and over .....	48,279	41,363	2,146	4,770	9.9	3,019	2,811	207	6.9
20 to 24 years .....	6,156	4,577	489	1,089	17.7	997	907	90	9.0
25 years and over .....	42,123	36,786	1,857	3,681	8.7	2,023	1,904	117	5.8
25 to 54 years .....	35,086	30,500	1,370	3,216	9.2	890	820	69	7.8
55 years and over .....	7,037	6,286	287	465	6.8	1,133	1,084	49	4.3
<b>Women, 16 years and over</b> .....	30,774	25,500	2,718	2,556	8.3	10,073	9,257	816	8.1
16 to 19 years .....	1,234	633	300	301	24.4	1,940	1,611	330	17.0
20 years and over .....	29,540	24,867	2,418	2,255	7.6	8,132	7,646	488	6.0
20 to 24 years .....	4,886	3,793	560	533	10.9	1,389	1,241	147	10.8
25 years and over .....	24,654	21,074	1,858	1,722	7.0	6,743	6,405	339	5.0
25 to 54 years .....	20,878	17,775	1,567	1,535	7.4	5,165	4,901	264	5.1
55 years and over .....	3,776	3,298	291	186	4.9	1,578	1,503	75	4.8
<b>Black</b>									
<b>Men, 16 years and over</b> .....	5,418	3,853	429	1,137	21.0	397	277	120	30.2
16 to 19 years .....	204	47	49	108	53.0	171	104	67	39.4
20 years and over .....	5,214	3,806	380	1,029	19.7	226	174	52	23.2
20 to 24 years .....	909	493	109	307	33.8	89	43	26	( <sup>2</sup> )
25 years and over .....	4,305	3,313	270	723	16.8	158	130	27	17.1
25 to 54 years .....	3,741	2,852	232	657	17.6	83	68	15	18.1
55 years and over .....	564	461	38	86	11.7	75	62	12	18.0
<b>Women, 16 years and over</b> .....	4,889	3,486	477	946	19.4	712	600	111	15.7
16 to 19 years .....	153	42	30	80	52.7	133	103	31	23.1
20 years and over .....	4,737	3,424	447	866	18.3	578	498	81	13.9
20 to 24 years .....	763	405	106	251	33.0	142	94	48	33.7
25 years and over .....	3,975	3,018	341	593	14.9	436	403	33	7.6
25 to 54 years .....	3,517	2,657	279	580	16.5	297	267	30	10.1
55 years and over .....	458	361	62	13	2.9	139	136	3	2.2

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

<sup>2</sup> Data not shown where base is less than 75,000.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-9. Employment status of the civilian noninstitutional population by family relationship**

(Numbers in thousands)

Family relationship	March 1983									
	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 .....	109,873	63.3	97,994	11,879	10.8	63,784	31,629	10,248	2,704	19,203
Husbands .....	39,121	79.6	35,988	3,133	8.0	10,050	122	212	910	8,807
With employed wife .....	21,759	91.6	20,149	1,610	7.4	2,005	45	126	262	1,551
With unemployed wife .....	1,690	93.3	1,308	382	22.6	121	2	2	29	88
With wife not in labor force .....	15,672	66.4	14,531	1,141	7.3	7,924	75	84	599	7,167
Wives .....	25,575	52.0	23,764	1,811	7.1	23,597	20,743	388	298	2,188
With employed husband .....	21,457	59.6	20,149	1,308	6.1	14,531	13,369	327	99	736
With unemployed husband .....	1,992	63.6	1,610	382	19.2	1,141	1,065	14	16	43
With husband not in labor force .....	2,128	21.2	2,005	121	5.7	7,924	6,309	47	181	1,388
Relatives in married-couple families .....	13,308	59.1	10,897	2,611	19.6	9,210	917	6,537	310	1,447
16 to 19 years .....	5,001	48.3	3,888	1,113	22.3	5,363	123	4,902	21	318
20 to 24 years .....	5,369	73.2	4,401	968	18.0	1,967	163	1,457	28	319
25 years and over .....	2,938	61.0	2,408	530	18.0	1,880	631	178	261	810
Women who maintain families .....	5,630	59.3	5,066	764	13.1	4,009	3,027	168	172	642
Relatives in families maintained by women .....	4,814	56.1	3,558	1,256	26.1	3,774	777	1,800	246	951
16 to 19 years .....	1,259	42.6	848	412	32.7	1,698	77	1,458	14	150
20 to 24 years .....	1,499	70.9	1,087	432	28.8	616	145	285	17	169
25 years and over .....	2,056	58.5	1,643	412	20.0	1,460	555	57	215	632
Men who maintain families .....	2,207	76.8	1,955	252	11.4	666	37	40	69	520
Relatives in families maintained by men .....	1,604	56.7	1,279	324	20.2	1,223	536	357	63	267
16 to 19 years .....	301	46.9	214	87	29.0	342	39	272	-	30
20 to 24 years .....	463	75.2	365	99	21.3	153	48	63	3	39
25 years and over .....	840	53.6	700	136	16.4	728	449	22	60	198
Persons living alone .....	10,291	53.3	9,462	830	8.1	9,030	4,656	221	489	3,664
Men .....	5,442	72.1	4,674	568	10.4	2,110	125	125	169	1,692
Women .....	4,849	41.2	4,588	262	5.4	6,919	4,531	96	320	1,972
All others <sup>1</sup> .....	7,123	76.2	6,225	898	12.6	2,225	614	525	147	737

<sup>1</sup> The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, sex, age, and race

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
Total, 16 years and over .....	6,206	7,298	10.1	11.7	4,084	4,581	8.7	9.6
Married, spouse present .....	2,634	3,318	6.5	8.2	1,773	1,925	6.9	7.3
Widowed, divorced, or separated .....	713	849	12.7	15.0	655	1,032	9.1	11.1
Single (never married) .....	2,858	3,131	18.3	19.6	1,456	1,623	12.3	13.3
White, 16 years and over .....	4,924	5,842	9.0	10.7	3,088	3,372	7.6	8.3
Married, spouse present .....	2,254	2,866	6.1	7.8	1,476	1,823	6.4	8.9
Widowed, divorced, or separated .....	531	632	11.5	13.5	628	693	8.3	9.4
Single (never married) .....	2,139	2,344	16.1	17.3	982	1,056	10.0	10.5
Black, 16 years and over .....	1,119	1,258	19.6	21.6	903	1,058	18.8	18.9
Married, spouse present .....	301	353	10.3	12.0	234	241	11.2	11.4
Widowed, divorced, or separated .....	166	202	18.9	23.3	220	298	14.0	18.1
Single (never married) .....	653	701	34.4	35.2	448	519	28.3	28.0
Total, 25 years and over .....	3,676	4,692	7.5	9.4	2,451	2,813	6.8	7.6
Married, spouse present .....	2,276	2,976	6.0	7.8	1,388	1,522	6.0	8.5
Widowed, divorced, or separated .....	655	757	12.2	14.1	736	894	8.4	10.3
Single (never married) .....	745	949	12.6	14.6	329	396	7.6	8.5
White, 25 years and over .....	2,964	3,798	8.8	8.6	1,869	2,061	6.0	8.8
Married, spouse present .....	1,938	2,563	5.7	7.5	1,154	1,293	5.7	6.2
Widowed, divorced, or separated .....	481	557	11.0	12.6	530	586	7.5	8.5
Single (never married) .....	547	676	11.0	12.4	184	183	5.4	5.1
Black, 25 years and over .....	605	748	13.9	16.8	520	847	12.4	14.7
Married, spouse present .....	265	321	9.7	11.6	186	180	9.9	9.4
Widowed, divorced, or separated .....	161	185	18.7	22.1	199	272	13.0	17.3
Single (never married) .....	179	242	23.6	26.1	135	194	18.8	21.1

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-11. Unemployed persons by occupation and sex**

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
Total, 16 years and over .....	10,290	11,879	9.5	10.8	10.1	11.7	8.7	9.6
Managerial and professional specialty .....	682	840	2.8	3.5	( <sup>1</sup> )	3.2	( <sup>1</sup> )	3.8
Executive, administrative, and managerial .....	342	453	3.1	4.1	( <sup>1</sup> )	3.5	( <sup>1</sup> )	5.3
Professional specialty .....	321	387	2.5	2.9	( <sup>1</sup> )	2.9	( <sup>1</sup> )	2.9
Technical, sales, and administrative support .....	1,934	2,218	6.0	6.7	( <sup>1</sup> )	6.1	( <sup>1</sup> )	7.1
Technicians and related support .....	108	162	3.5	5.1	( <sup>1</sup> )	6.8	( <sup>1</sup> )	3.4
Sales occupations .....	744	890	6.4	7.2	( <sup>1</sup> )	5.0	( <sup>1</sup> )	9.4
Administrative support, including clerical .....	1,082	1,166	6.2	6.7	( <sup>1</sup> )	7.7	( <sup>1</sup> )	6.5
Service occupations .....	1,508	1,792	10.2	11.7	( <sup>1</sup> )	12.6	( <sup>1</sup> )	11.1
Private household .....	72	66	6.4	6.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.6
Protective service .....	131	137	7.7	7.7	( <sup>1</sup> )	7.0	( <sup>1</sup> )	12.5
Service, except private household and protective .....	1,305	1,588	10.9	12.7	( <sup>1</sup> )	14.5	( <sup>1</sup> )	11.7
Precision production, craft, and repair .....	1,509	1,872	11.4	13.7	( <sup>1</sup> )	13.9	( <sup>1</sup> )	11.6
Mechanics and repairers .....	351	396	8.0	8.8	( <sup>1</sup> )	8.8	( <sup>1</sup> )	7.9
Construction trades .....	826	958	17.8	19.9	( <sup>1</sup> )	19.9	( <sup>1</sup> )	18.9
Other precision production, craft, and repair .....	332	519	7.8	12.0	( <sup>1</sup> )	12.1	( <sup>1</sup> )	11.5
Operators, fabricators, and laborers .....	3,333	3,566	16.7	18.8	( <sup>1</sup> )	19.1	( <sup>1</sup> )	18.0
Machine operators, assemblers, and inspectors .....	1,569	1,737	16.3	18.8	( <sup>1</sup> )	19.0	( <sup>1</sup> )	18.4
Transportation and material moving occupations .....	661	777	14.2	16.3	( <sup>1</sup> )	16.6	( <sup>1</sup> )	13.2
Handlers, equipment cleaners, helpers, and laborers .....	1,084	1,052	19.4	21.3	( <sup>1</sup> )	21.8	( <sup>1</sup> )	18.5
Construction laborers .....	232	262	29.9	35.3	( <sup>1</sup> )	35.2	( <sup>1</sup> )	( <sup>1</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	851	790	17.7	18.8	( <sup>1</sup> )	19.0	( <sup>1</sup> )	18.2
Farming, forestry, and fishing .....	378	456	10.7	12.6	( <sup>1</sup> )	12.1	( <sup>1</sup> )	15.6
No previous work experience .....	963	1,057	-	-	-	-	-	-
16 to 19 years .....	698	766	-	-	-	-	-	-
20 to 24 years .....	182	191	-	-	-	-	-	-
25 years and over .....	84	100	-	-	-	-	-	-

<sup>1</sup> Data for 1982 are not shown because they do not meet reliability standards for publication.

<sup>2</sup> Data not shown where base is less than 75,000.



A-12. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
Total, 16 years and over .....	10,290	11,879	9.5	10.8	10.1	11.7	8.7	9.6
Nonagricultural private wage and salary workers .....	8,085	9,308	10.1	11.5	10.9	12.8	9.0	9.9
Mining .....	128	231	10.8	21.1	11.5	22.3	6.3	14.1
Construction .....	1,221	1,391	24.1	26.6	24.8	27.4	15.9	16.8
Manufacturing .....	2,583	2,992	11.4	13.6	10.5	13.2	13.2	14.6
Durable goods .....	1,551	1,926	11.5	14.9	10.8	14.9	13.3	14.7
Lumber and wood products .....	151	139	21.4	19.8	19.9	18.7	29.3	26.7
Furniture and fixtures .....	71	77	15.2	16.5	16.3	14.1	12.7	23.3
Stone, clay, and glass products .....	74	84	12.1	13.3	11.7	13.1	13.4	14.0
Primary metal industries .....	145	277	12.6	26.6	12.5	27.5	13.7	20.7
Fabricated metal products .....	184	214	11.2	14.4	10.3	13.9	13.8	16.2
Machinery, except electrical .....	265	429	9.1	15.1	8.9	18.1	9.8	11.9
Electrical machinery, equipment, and supplies .....	204	226	8.1	10.3	6.5	9.1	10.3	12.0
Transportation equipment .....	298	341	13.9	14.2	12.9	13.9	18.2	15.6
Automobiles .....	199	187	18.4	16.4	15.7	14.8	31.2	22.9
Other transportation equipment .....	100	153	9.4	12.2	10.2	13.1	5.2	8.9
Professional and photographic equipment .....	67	80	10.1	8.8	7.2	4.5	13.9	14.3
Other durable goods industries .....	90	79	12.6	14.9	8.5	12.2	17.8	18.1
Nondurable goods .....	1,043	1,066	11.4	11.9	10.1	10.0	13.2	14.4
Food and kindred products .....	251	301	13.2	16.3	12.5	13.5	15.0	21.9
Textile mill products .....	112	107	13.6	12.6	14.9	12.4	12.5	12.8
Apparel and other textile products .....	206	203	15.3	16.0	12.7	19.7	16.0	15.0
Paper and allied products .....	55	58	7.5	7.9	6.0	7.2	11.2	10.0
Printing and publishing .....	112	114	6.7	7.0	7.7	6.7	5.3	7.7
Chemicals and allied products .....	106	122	6.3	9.3	6.7	6.5	12.7	15.7
Rubber and miscellaneous plastics products .....	103	78	13.8	10.0	11.8	8.1	16.8	13.3
Other nondurable goods industries .....	96	84	14.4	14.2	12.9	12.5	16.7	16.0
Transportation and public utilities .....	352	475	6.2	8.4	6.8	9.5	4.7	5.5
Transportation .....	294	381	9.3	10.1	9.9	11.4	6.8	5.5
Communications and other public utilities .....	58	95	2.3	3.6	1.9	3.4	3.1	4.3
Wholesale and retail trade .....	2,082	2,330	10.3	11.4	10.1	10.6	10.5	12.4
Wholesale trade .....	339	326	8.0	7.7	7.6	7.2	9.3	9.0
Retail trade .....	1,743	2,004	10.9	12.4	11.1	11.9	10.7	12.8
Finance, insurance, and real estate .....	245	248	4.2	4.2	3.7	4.7	4.5	3.9
Service industries .....	1,445	1,841	7.4	8.0	6.5	9.2	6.7	7.2
Professional services .....	552	626	4.6	5.2	4.5	5.2	4.9	5.2
Other service industries .....	893	1,013	11.1	11.8	11.9	12.8	10.3	10.9
Agricultural wage and salary workers .....	270	340	18.0	20.6	16.6	19.6	23.1	24.7
Government, self-employed, and unpaid family workers .....	992	1,174	3.8	4.5	4.0	4.6	3.5	4.2
No previous work experience .....	983	1,057	-	-	-	-	-	-

NOTE: Data for 1982 are not fully comparable with 1983 data as a result of revisions in industrial classifications in 1983.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-13. 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. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	10,290	11,879	5,167	6,239	3,346	3,823	1,777	1,818	8,013	9,214	2,022	2,314
Job losers .....	6,246	7,560	3,991	5,069	1,781	2,050	475	442	5,000	6,022	1,234	1,460
On layoff .....	2,238	2,336	1,505	1,706	631	545	103	85	1,889	2,033	305	276
Other job losers .....	4,008	5,224	2,486	3,363	1,150	1,505	372	357	3,111	3,989	929	1,184
Job leavers .....	840	854	375	365	330	382	135	108	666	703	6	18
Reentrants .....	2,242	2,407	701	696	1,070	1,208	471	503	1,651	1,726	518	584
New entrants .....	982	1,056	100	108	165	183	697	765	678	761	264	255
<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 .....	60.8	63.7	77.2	81.2	53.3	53.7	26.7	24.3	62.4	65.4	61.0	63.1
On layoff .....	21.8	19.7	29.1	27.3	18.9	14.3	5.8	4.7	23.6	22.1	15.1	11.9
Other job losers .....	39.0	44.0	48.1	53.9	34.4	39.4	20.9	19.6	38.8	43.3	45.9	51.2
Job leavers .....	8.2	7.2	7.3	5.8	9.9	10.0	7.6	5.9	8.6	7.6	.3	.7
Reentrants .....	21.8	20.3	13.6	11.2	32.0	31.6	26.5	27.7	20.6	16.8	25.8	25.2
New entrants .....	9.3	8.9	1.9	1.7	4.9	4.8	39.2	42.1	8.4	8.3	13.1	11.0
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers .....	5.8	6.9	6.9	8.7	4.2	4.6	6.1	6.0	5.3	6.3	11.1	12.8
Job leavers .....	.8	.8	.7	.6	.8	.9	1.7	1.5	.7	.7	.1	.1
Reentrants .....	2.1	2.2	1.2	1.2	2.5	2.7	6.0	6.8	1.7	1.8	4.7	5.1
New entrants .....	.9	1.0	.2	.2	.4	.4	8.9	10.3	.7	.8	2.4	2.2

**A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment**

(Percent distribution)

Reason, sex, and age	March 1983						
	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 .....	11,879	100.0	26.3	28.8	44.9	19.8	25.1
Job losers .....	7,560	100.0	20.1	29.2	50.7	22.0	28.7
On layoff .....	2,336	100.0	26.4	31.1	42.5	22.4	20.1
Other job losers .....	5,224	100.0	17.3	28.4	54.4	21.8	32.6
Job leavers .....	854	100.0	28.3	31.6	40.2	19.7	20.5
Reentrants .....	2,407	100.0	39.3	27.8	32.9	16.6	16.3
New entrants .....	1,056	100.0	39.8	25.9	34.3	11.6	22.7
Men, 20 years and over .....	6,239	100.0	19.3	28.5	52.2	21.7	30.5
Job losers .....	5,069	100.0	17.4	29.2	53.4	22.6	30.8
On layoff .....	1,708	100.0	23.9	31.5	44.6	23.4	21.2
Other job losers .....	3,363	100.0	14.1	28.1	57.8	22.2	35.6
Job leavers .....	365	100.0	24.3	28.2	47.4	17.5	29.9
Reentrants .....	696	100.0	30.8	26.3	42.9	19.2	23.7
New entrants .....	108	100.0	17.4	10.4	72.2	9.0	63.2
Women, 20 years and over .....	3,823	100.0	32.1	28.5	39.5	18.3	21.1
Job losers .....	2,050	100.0	24.3	27.3	48.4	21.2	27.2
On layoff .....	545	100.0	32.5	27.9	39.6	20.5	19.0
Other job losers .....	1,505	100.0	21.4	27.1	51.6	21.4	30.1
Job leavers .....	382	100.0	28.7	35.9	35.4	21.4	13.9
Reentrants .....	1,208	100.0	44.2	28.6	27.2	13.0	14.3
New entrants .....	183	100.0	45.7	25.3	29.0	15.4	13.6
Both sexes, 16 to 19 years .....	1,818	100.0	38.3	30.6	31.1	16.4	14.7
Job losers .....	442	100.0	31.3	38.1	30.7	18.7	11.9
On layoff .....	85	100.0	35.9	44.5	19.6	15.7	3.8
Other job losers .....	357	100.0	30.1	36.5	33.3	19.5	13.9
Job leavers .....	108	100.0	39.8	27.6	32.5	20.9	11.7
Reentrants .....	503	100.0	39.2	28.2	32.6	21.5	11.1
New entrants .....	765	100.0	41.6	28.2	30.2	11.1	19.2

**A-15. Unemployed persons by duration of unemployment**

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
	Total, 16 years and over .....	10,290	11,879	100.0	100.0	8,651	10,157	100.0
Less than 5 weeks .....	3,485	3,127	33.9	26.3	2,658	2,353	30.7	23.2
5 to 14 weeks .....	3,377	3,423	32.8	28.8	2,850	2,853	32.9	28.1
5 to 10 weeks .....	2,125	2,249	20.7	18.9	1,763	1,818	20.4	17.9
11 to 14 weeks .....	1,253	1,174	12.2	9.9	1,087	1,035	12.6	10.2
15 weeks and over .....	3,427	5,330	33.3	44.9	3,143	4,951	36.3	48.7
15 to 26 weeks .....	1,951	2,352	19.0	19.8	1,779	2,120	20.6	20.9
27 weeks and over .....	1,476	2,978	14.3	25.1	1,364	2,831	15.8	27.9
27 to 51 weeks .....	821	1,505	8.0	12.7	755	1,425	8.7	14.0
52 weeks and over .....	655	1,473	6.4	12.4	609	1,406	7.0	13.8
Average (mean) duration, in weeks .....	15.1	20.7	-	-	16.2	22.3	-	-
Median duration, in weeks .....	9.6	12.9	-	-	10.7	14.5	-	-

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-16. 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. 1982	Mar. 1983	Mar. 1982	Mar. 1983
	March 1983										
Total, 16 years and over .....	11,879	3,127	3,423	2,352	2,978	20.7	12.9	33.9	26.3	33.3	44.9
16 to 19 years .....	1,818	696	556	298	268	14.0	8.1	48.4	38.3	22.2	31.1
20 to 24 years .....	2,567	680	872	485	530	18.7	11.5	31.9	26.5	33.5	39.5
25 to 34 years .....	3,585	858	940	789	997	22.2	14.9	31.5	23.9	35.5	49.8
35 to 44 years .....	1,829	453	527	318	530	22.9	13.7	33.2	24.8	36.6	46.4
45 to 54 years .....	1,166	256	305	268	337	23.7	16.0	28.6	22.0	37.8	51.9
55 to 64 years .....	811	153	203	178	277	25.0	18.3	28.1	18.9	39.0	56.1
65 years and over .....	104	29	20	16	40	28.2	17.7	27.0	27.8	35.2	53.5
Men, 16 years and over .....	7,298	1,587	2,088	1,538	2,085	22.9	14.9	29.8	21.7	37.1	49.8
16 to 19 years .....	1,059	383	310	185	182	15.6	9.2	43.7	36.1	23.9	34.6
20 to 24 years .....	1,557	324	526	315	391	21.1	13.5	26.7	20.8	37.9	45.4
25 to 34 years .....	2,266	407	827	528	705	24.4	17.3	26.4	17.9	39.6	54.4
35 to 44 years .....	1,075	228	292	198	357	25.5	16.0	29.4	21.2	40.8	51.6
45 to 54 years .....	730	121	189	195	225	25.6	18.4	28.5	16.6	41.7	57.5
55 to 64 years .....	537	101	128	106	201	26.4	19.4	24.4	18.9	43.1	57.3
65 years and over .....	74	23	16	10	24	( <sup>1</sup> )	( <sup>1</sup> )	23.6	( <sup>1</sup> )	32.8	( <sup>1</sup> )
Women, 16 years and over .....	4,581	1,539	1,334	814	893	17.1	9.9	40.3	33.6	27.8	37.3
16 to 19 years .....	758	313	246	113	88	11.6	6.8	50.2	41.3	19.7	26.2
20 to 24 years .....	1,010	356	345	169	139	14.9	8.8	40.6	35.2	26.1	30.8
25 to 34 years .....	1,318	452	314	261	292	18.3	10.8	39.6	34.3	29.1	41.9
35 to 44 years .....	754	225	235	120	173	19.1	11.1	38.4	29.9	30.7	38.9
45 to 54 years .....	435	135	116	73	112	20.6	11.8	31.5	31.0	32.1	42.5
55 to 64 years .....	274	52	75	71	78	22.2	16.7	34.2	19.0	32.2	53.7
65 years and over .....	31	6	3	6	18	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
White, 16 years and over .....	9,214	2,453	2,890	1,883	2,188	20.0	12.6	33.9	26.6	32.5	44.2
Men .....	5,842	1,315	1,682	1,275	1,570	22.0	14.5	29.8	22.5	36.5	48.7
Women .....	3,372	1,138	1,006	608	618	18.5	9.6	40.5	33.7	26.2	38.4
Black, 16 years and over .....	2,314	589	592	423	711	23.8	13.6	32.9	25.4	37.5	49.0
Men .....	1,256	235	326	237	459	27.2	17.4	27.4	18.7	41.4	55.4
Women .....	1,058	354	266	188	252	19.3	10.8	39.8	33.5	32.7	41.4
Men, 18 years and over:											
Married, spouse present .....	3,318	643	885	759	1,031	23.9	17.1	28.7	19.4	38.7	54.0
Widowed, divorced, or separated .....	849	171	251	159	269	26.1	15.2	24.4	20.1	40.4	50.3
Single (never married) .....	3,131	773	953	620	785	20.9	13.1	31.8	24.7	34.7	44.9
Women, 18 years and over:											
Married, spouse present .....	1,925	612	562	346	406	17.5	10.8	38.8	31.8	27.4	39.0
Widowed, divorced, or separated .....	1,032	334	273	188	237	19.6	10.4	39.7	32.4	30.3	41.2
Single (never married) .....	1,623	594	499	280	251	15.1	8.8	42.6	36.6	26.2	32.7

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

A-17. 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	
								Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
	March 1983										
<b>OCCUPATION</b>											
Managerial and professional specialty .....	840	170	273	185	212	20.9	14.0	31.2	20.3	34.4	47.2
Technical, sales, and administrative support .....	2,218	680	602	454	482	18.8	11.5	35.6	30.7	29.0	42.2
Service occupations .....	1,792	540	515	318	419	19.7	10.6	38.3	30.1	30.7	41.1
Precision production, craft, and repair .....	1,872	400	553	425	494	21.6	14.7	29.3	21.3	36.5	49.1
Operators, fabricators, and laborers .....	3,566	758	1,015	742	1,050	23.3	15.1	29.8	21.3	37.7	50.3
Farming, forestry, and fishing .....	456	139	164	89	65	14.7	10.1	39.5	30.4	31.5	33.7
<b>INDUSTRY<sup>1</sup></b>											
Agriculture .....	340	99	123	72	47	15.0	10.1	41.1	29.1	27.0	34.9
Construction .....	1,425	295	485	351	294	20.5	13.7	24.6	20.7	38.9	45.3
Manufacturing .....	2,998	576	722	662	1,039	25.6	18.6	29.8	19.2	37.7	56.7
Durable goods .....	1,930	312	430	420	768	28.0	21.4	28.5	16.1	40.0	61.6
Nondurable goods .....	1,068	265	292	241	270	21.1	14.4	31.8	24.8	34.4	47.9
Transportation and public utilities .....	521	108	156	117	139	21.4	14.6	30.4	20.8	39.2	49.2
Wholesale and retail trade .....	2,340	715	768	398	459	17.5	10.3	37.2	30.5	26.4	36.6
Finance and service industries .....	2,379	671	671	472	567	19.9	12.3	36.3	28.2	33.3	43.7
Public administration .....	324	101	66	78	79	23.0	13.5	26.3	31.2	48.3	48.5
No previous work experience .....	1,057	422	274	122	240	17.8	8.0	44.2	39.9	25.8	34.2

<sup>1</sup> Includes wage and salary workers only.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-18. Unemployed jobseekers by sex, age, race, and jobsearch methods used**

Sex, age, and race	March 1983								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
<b>Total, 16 years and over</b> .....	11,879	9,408	24.2	5.5	79.6	33.3	17.3	5.0	1.65
16 to 19 years .....	1,818	1,700	13.7	2.1	84.4	26.0	13.3	2.9	1.42
20 to 24 years .....	2,587	2,135	25.8	5.8	79.8	33.4	18.1	3.7	1.67
25 to 34 years .....	3,585	2,732	28.2	6.2	81.1	35.9	14.4	4.4	1.70
35 to 44 years .....	1,829	1,342	27.3	6.0	78.1	37.0	23.8	5.5	1.78
45 to 54 years .....	1,166	841	25.8	5.8	75.9	34.7	18.7	8.6	1.69
55 to 64 years .....	811	582	23.2	8.4	67.9	33.0	22.0	11.7	1.66
65 years and over .....	104	76	5.3	10.5	75.0	25.0	19.7	3.9	1.39
<b>Men, 16 years and over</b> .....	7,296	5,452	26.9	5.5	80.3	30.8	19.3	6.1	1.69
16 to 19 years .....	1,059	980	15.1	1.5	85.3	24.4	15.0	3.1	1.44
20 to 24 years .....	1,557	1,240	30.2	5.8	80.5	28.5	21.8	4.1	1.71
25 to 34 years .....	2,266	1,615	30.5	6.3	82.4	34.1	15.2	5.3	1.74
35 to 44 years .....	1,075	728	31.5	6.2	76.3	35.7	25.5	8.1	1.65
45 to 54 years .....	730	483	26.3	6.0	75.2	33.5	21.3	11.6	1.74
55 to 64 years .....	537	356	25.0	10.1	67.4	29.5	24.2	15.2	1.71
65 years and over .....	74	50	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Women, 16 years and over</b> .....	4,581	3,955	20.5	5.5	78.7	36.8	14.5	3.3	1.59
16 to 19 years .....	758	720	11.8	2.9	83.2	26.3	11.0	2.8	1.40
20 to 24 years .....	1,010	895	19.7	5.8	78.9	40.1	13.1	3.2	1.61
25 to 34 years .....	1,316	1,116	24.9	6.3	79.4	36.4	13.3	3.0	1.65
35 to 44 years .....	754	614	22.3	5.9	77.9	38.8	21.5	2.3	1.69
45 to 54 years .....	435	358	25.1	5.6	76.8	36.3	15.1	4.5	1.63
55 to 64 years .....	274	226	19.9	5.8	68.6	38.1	18.6	6.2	1.57
65 years and over .....	31	26	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>White, 16 years and over</b> .....	9,214	7,054	23.0	5.6	79.9	34.2	17.4	5.0	1.65
Men .....	5,842	4,203	25.7	5.8	80.2	31.8	19.6	6.3	1.69
Women .....	3,372	2,851	18.9	5.2	79.5	37.7	14.2	3.1	1.59
<b>Black, 16 years and over</b> .....	2,314	2,036	27.7	5.6	78.7	16.7	29.8	4.3	1.83
Men .....	1,256	1,068	30.3	4.7	60.3	18.0	26.7	4.6	1.65
Women .....	1,056	968	24.8	6.7	77.0	15.3	33.1	3.8	1.61

<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.

A-19. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	March 1983								
	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 .....	11,879	9,408	24.2	5.5	79.6	33.3	17.3	5.0	1.65
Job losers <sup>1</sup> .....	7,560	5,199	29.5	6.0	81.0	34.5	19.4	5.2	1.76
Job leavers .....	854	865	23.0	8.0	77.8	34.2	15.7	3.4	1.62
Reentrants .....	2,407	2,304	18.3	5.3	76.3	34.3	15.4	5.4	1.55
New entrants .....	1,056	1,040	12.0	1.3	61.7	24.4	11.9	4.0	1.35
Men, 16 years and over .....	7,298	5,452	26.9	5.5	80.3	30.8	19.3	6.1	1.69
Job losers <sup>1</sup> .....	5,381	3,586	30.6	6.0	80.6	32.2	20.6	6.4	1.77
Job leavers .....	417	427	23.2	8.0	77.3	28.1	20.4	4.2	1.61
Reentrants .....	976	926	20.3	5.4	78.2	29.6	17.5	6.9	1.56
New entrants .....	523	512	14.5	.8	64.2	25.2	12.7	4.5	1.42
Women, 16 years and over .....	4,581	3,955	20.5	5.5	78.7	36.8	14.5	3.3	1.59
Job losers <sup>1</sup> .....	2,179	1,614	26.5	6.1	81.7	39.5	16.9	2.5	1.73
Job leavers .....	436	438	22.8	8.2	78.3	40.4	11.2	2.3	1.63
Reentrants .....	1,431	1,376	17.0	5.3	75.1	37.5	14.0	4.5	1.53
New entrants .....	534	528	9.7	1.9	79.4	23.7	11.2	3.6	1.29

<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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-20. Employed civilians in agriculture and nonagricultural industries by age and sex**

(In thousands)

Industry and age	Total		Men		Women	
	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
All industries .....	98,471	97,994	55,533	54,819	42,939	43,175
16 to 19 years .....	8,043	5,601	3,114	2,637	2,929	2,763
16 to 17 years .....	2,255	1,934	1,160	991	1,095	943
18 to 19 years .....	3,788	3,666	1,954	1,646	1,834	1,820
20 to 24 years .....	13,428	13,118	6,995	6,785	6,433	6,333
25 to 54 years .....	64,891	65,145	36,883	36,833	27,809	28,312
25 to 34 years .....	26,143	27,996	15,919	15,667	12,224	12,329
35 to 44 years .....	20,595	21,467	11,731	12,138	8,864	9,349
45 to 54 years .....	15,953	15,662	9,233	9,026	6,721	6,634
55 to 64 years .....	11,395	11,164	6,756	6,575	4,639	4,609
55 to 59 years .....	7,021	6,729	4,143	3,967	2,877	2,762
60 to 64 years .....	4,374	4,455	2,613	2,606	1,762	1,647
65 years and over .....	2,914	2,947	1,785	1,789	1,129	1,156
Agriculture .....	2,964	2,971	2,410	2,393	554	578
16 to 19 years .....	245	213	215	179	30	34
16 to 17 years .....	126	62	106	69	18	13
18 to 19 years .....	119	131	107	110	12	21
20 to 24 years .....	346	368	276	305	70	64
25 to 54 years .....	1,644	1,677	1,292	1,264	351	393
25 to 34 years .....	710	706	556	552	154	155
35 to 44 years .....	478	558	381	421	97	136
45 to 54 years .....	456	413	356	312	100	101
55 to 64 years .....	481	443	385	379	76	64
55 to 59 years .....	239	236	192	189	47	37
60 to 64 years .....	222	207	193	180	29	27
65 years and over .....	269	269	241	246	27	23
Nonagricultural industries .....	95,507	95,023	53,123	52,426	42,384	42,597
16 to 19 years .....	5,798	5,366	2,899	2,658	2,899	2,729
16 to 17 years .....	2,129	1,653	1,052	922	1,077	930
18 to 19 years .....	3,669	3,535	1,647	1,736	1,822	1,799
20 to 24 years .....	13,082	12,749	6,719	6,480	6,363	6,269
25 to 54 years .....	63,047	63,468	35,590	35,549	27,456	27,919
25 to 34 years .....	27,433	27,290	15,363	15,115	12,070	12,175
35 to 44 years .....	20,117	20,926	11,350	11,717	8,767	9,211
45 to 54 years .....	15,497	15,249	8,677	8,716	6,621	6,533
55 to 64 years .....	10,934	10,741	6,371	6,196	4,563	4,545
55 to 59 years .....	6,762	6,493	3,952	3,766	2,830	2,725
60 to 64 years .....	4,152	4,248	2,420	2,428	1,733	1,820
65 years and over .....	2,646	2,678	1,544	1,543	1,102	1,135



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-21. 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. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
Total .....	98,471	97,994	55,533	54,819	52,418	51,982	42,939	43,175	40,010	40,411
Managerial and professional specialty .....	23,192	23,435	13,786	13,846	13,703	13,784	9,407	9,589	9,310	9,506
Executive, administrative, and managerial .....	10,557	10,583	7,230	7,176	7,184	7,155	3,327	3,408	3,303	3,378
Officials and administrators, public administration .....	( <sup>1</sup> )	450	( <sup>1</sup> )	285	( <sup>1</sup> )	286	( <sup>1</sup> )	165	( <sup>1</sup> )	165
Other executive, administrative, and managerial .....	( <sup>1</sup> )	7,149	( <sup>1</sup> )	5,103	( <sup>1</sup> )	5,086	( <sup>1</sup> )	2,046	( <sup>1</sup> )	2,026
Management-related occupations .....	( <sup>1</sup> )	2,984	( <sup>1</sup> )	1,787	( <sup>1</sup> )	1,783	( <sup>1</sup> )	1,197	( <sup>1</sup> )	1,188
Professional specialty .....	12,635	12,852	6,555	6,670	6,519	6,629	6,080	6,181	6,007	6,128
Engineers .....	1,557	1,501	1,455	1,419	1,455	1,418	102	82	99	82
Mathematical and computer scientists .....	486	485	353	343	350	343	134	143	133	143
Natural scientists .....	307	373	237	313	236	311	70	60	70	59
Health diagnosing occupations .....	721	771	635	660	634	659	86	112	86	112
Health assessment and treating occupations .....	1,762	1,785	299	257	299	257	1,463	1,528	1,448	1,524
Teachers, college and university .....	609	630	401	408	399	408	207	222	204	214
Teachers, except college and university .....	3,548	3,638	1,064	1,071	1,058	1,086	2,484	2,567	2,462	2,550
Lawyers and judges .....	642	634	547	540	548	536	95	94	94	94
Other professional specialty occupations .....	3,003	3,034	1,564	1,660	1,544	1,632	1,439	1,374	1,411	1,349
Technical, sales, and administrative support .....	30,325	30,715	10,841	10,788	10,365	10,294	19,484	19,926	18,000	18,558
Technicians and related support .....	2,986	3,005	1,611	1,500	1,575	1,478	1,375	1,505	1,359	1,485
Health technologists and technicians .....	1,008	1,148	155	196	152	193	852	952	844	942
Engineering and science technicians .....	1,192	997	949	780	923	767	243	217	241	212
Technicians, except health, engineering, and science .....	786	860	506	524	500	518	280	335	274	331
Sales occupations .....	10,921	11,549	6,015	6,070	5,741	5,758	4,906	5,479	4,159	4,723
Supervisors and proprietors .....	2,733	2,883	2,187	2,051	2,179	2,035	546	832	536	825
Sales representatives, finance and business services .....	1,850	1,832	1,215	1,152	1,207	1,145	634	680	615	662
Sales representatives, commodities, except retail .....	1,395	1,440	1,197	1,242	1,182	1,239	197	198	191	191
Sales workers, retail and personal services .....	4,930	5,340	1,413	1,611	1,172	1,325	3,516	3,729	2,804	3,006
Sales-related occupations .....	15	53	2	13	2	13	12	41	12	38
Administrative support, including clerical .....	16,418	16,161	3,216	3,219	3,049	3,059	13,202	12,942	12,462	12,350
Supervisors .....	( <sup>1</sup> )	659	( <sup>1</sup> )	301	( <sup>1</sup> )	301	( <sup>1</sup> )	359	( <sup>1</sup> )	354
Computer equipment operators .....	566	573	191	208	182	197	376	385	365	354
Secretaries, stenographers, and typists .....	4,791	4,825	59	75	56	73	4,732	4,751	4,486	4,537
Financial records processing .....	2,412	2,593	249	245	248	244	2,163	2,258	2,081	2,207
Mail and message distributing .....	838	801	575	540	542	498	262	261	243	245
Other administrative support, including clerical .....	( <sup>1</sup> )	6,799	( <sup>1</sup> )	1,850	( <sup>1</sup> )	1,747	( <sup>1</sup> )	4,949	( <sup>1</sup> )	4,853
Service occupations .....	13,334	13,507	5,146	5,412	4,268	4,532	6,187	8,095	7,086	7,013
Private household .....	1,060	962	31	34	18	23	1,028	928	830	712
Protective service .....	1,579	1,640	1,405	1,451	1,373	1,424	174	189	162	177
Service, except private household and protective .....	10,695	10,904	3,711	3,926	2,877	3,085	6,985	6,978	6,095	6,123
Food service .....	4,761	4,890	1,606	1,704	1,034	1,126	3,155	2,986	2,503	2,403
Health service .....	1,666	1,743	201	231	188	214	1,465	1,513	1,366	1,408
Cleaning and building service .....	2,585	2,678	1,569	1,620	1,353	1,421	1,018	1,058	964	986
Personal service .....	1,684	1,792	335	371	303	323	1,348	1,421	1,282	1,326
Precision production, craft, and repair .....	11,768	11,774	10,964	10,899	10,647	10,631	804	875	773	860
Mechanics and repairers .....	4,023	4,116	3,928	3,993	3,823	3,891	95	123	92	123
Construction trades .....	3,825	3,867	3,733	3,803	3,614	3,694	92	84	90	59
Other precision production, craft, and repair .....	3,919	3,791	3,303	3,103	3,211	3,045	617	686	591	679
Operators, fabricators, and laborers .....	16,677	15,404	12,072	11,187	10,978	10,275	4,604	4,217	4,408	4,036
Machine operators, assemblers, and inspectors .....	8,050	7,522	4,739	4,274	4,519	4,081	3,311	3,248	3,200	3,152
Manufacturing industries .....	6,841	6,326	3,954	3,483	3,793	3,357	2,887	2,845	2,801	2,777
Durable goods .....	3,868	3,326	2,592	2,171	2,499	2,087	1,274	1,155	1,241	1,133
Nondurable goods .....	2,975	3,002	1,361	1,312	1,294	1,270	1,614	1,690	1,560	1,645
Nonmanufacturing industries .....	1,209	1,194	786	791	727	724	423	403	398	374
Transportation and material moving occupations .....	4,118	3,967	3,778	3,666	3,634	3,572	340	321	333	312
Motor vehicle operators .....	2,921	2,904	2,642	2,633	2,522	2,555	278	271	273	263
Other transportation and material moving occupations .....	1,198	1,083	1,136	1,033	1,112	1,016	62	50	60	49
Handlers, equipment cleaners, helpers, and laborers .....	4,508	3,695	3,555	3,247	2,824	2,622	954	648	875	572
Construction laborers .....	544	479	511	473	457	445	33	8	30	8
Other handlers, equipment cleaners, helpers, and laborers .....	3,964	3,417	3,043	2,774	2,368	2,177	921	642	845	566
Farming, forestry, and fishing .....	3,162	3,157	2,705	2,685	2,440	2,467	456	472	430	438
Farm operators and managers .....	1,423	1,357	1,270	1,217	1,256	1,208	153	140	152	140
Other farming, forestry, and fishing occupations .....	1,736	1,800	1,436	1,469	1,184	1,258	304	332	278	298

<sup>1</sup> Data for 1982 are not shown because they do not meet reliability standards for publication.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	March 1982	March 1983	March 1982	March 1983	March 1982	March 1983
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	98,471	97,994	55,533	54,819	42,939	43,175
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>Managerial and professional specialty</b> .....	23.6	23.9	24.8	25.3	21.9	22.2
Executive, administrative, and managerial .....	10.7	10.8	13.0	13.1	7.7	7.9
Professional specialty .....	12.8	13.1	11.8	12.2	14.2	14.3
<b>Technical, sales, and administrative support</b> .....	30.8	31.3	19.5	19.7	45.4	46.2
Technicians and related support .....	3.0	3.1	2.9	2.7	3.2	3.5
Sales occupations .....	11.1	11.8	10.8	11.1	11.4	12.7
Administrative support, including clerical .....	16.7	16.5	5.8	5.9	30.7	30.0
<b>Service occupations</b> .....	13.5	13.8	9.3	9.9	19.1	18.7
Private household .....	1.1	1.0	.1	.1	2.4	2.1
Protective service .....	1.6	1.7	2.5	2.6	.4	.4
Service, except private household and protective .....	10.9	11.1	6.7	7.2	16.3	16.2
<b>Precision production, craft, and repair</b> .....	12.0	12.0	19.7	19.9	1.9	2.0
<b>Operators, fabricators, and laborers</b> .....	16.9	15.7	21.7	20.4	10.7	9.8
Machine operators, assemblers, and inspectors .....	8.2	7.7	8.5	7.8	7.7	7.5
Transportation and material moving occupations .....	4.2	4.1	6.8	6.7	.8	.7
Handlers, equipment cleaners, helpers, and laborers .....	4.6	4.0	6.4	5.9	2.2	1.5
<b>Farming, forestry, and fishing</b> .....	3.2	3.2	4.9	4.9	1.1	1.1
<b>White</b>						
Total, 16 years and over (thousands) .....	87,088	86,385	49,686	48,910	37,402	37,475
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>Managerial and professional specialty</b> .....	24.5	24.8	25.9	26.3	22.7	23.0
Executive, administrative, and managerial .....	11.4	11.4	13.7	13.7	8.2	8.3
Professional specialty .....	13.2	13.5	12.1	12.6	14.5	14.7
<b>Technical, sales, and administrative support</b> .....	31.4	32.0	19.9	20.1	46.7	47.6
Technicians and related support .....	3.0	3.0	2.9	2.7	3.2	3.4
Sales occupations .....	11.7	12.4	11.5	11.7	12.1	13.4
Administrative support, including clerical .....	16.7	16.5	5.5	5.6	31.4	30.8
<b>Service occupations</b> .....	12.4	12.6	8.5	8.9	17.6	17.3
Private household .....	.8	.6	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.8
Protective service .....	1.6	1.6	2.5	2.5	.4	.4
Service, except private household and protective .....	10.0	10.1	6.0	6.3	15.3	15.1
<b>Precision production, craft, and repair</b> .....	12.4	12.4	20.3	20.5	1.9	1.9
<b>Operators, fabricators, and laborers</b> .....	16.0	14.9	20.6	19.3	10.0	9.0
Machine operators, assemblers, and inspectors .....	7.7	7.2	8.2	7.5	7.1	6.6
Transportation and material moving occupations .....	4.0	4.0	6.5	6.4	.8	.7
Handlers, equipment cleaners, helpers, and laborers .....	4.3	3.7	5.9	5.4	2.1	1.5
<b>Farming, forestry, and fishing</b> .....	3.3	3.3	4.8	4.9	1.2	1.1
<b>Black</b>						
Total, 16 years and over (thousands) .....	9,062	9,102	4,561	4,559	4,481	4,543
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>Managerial and professional specialty</b> .....	( <sup>2</sup> )	14.3	( <sup>2</sup> )	12.6	( <sup>2</sup> )	15.8
Executive, administrative, and managerial .....	( <sup>2</sup> )	5.7	( <sup>2</sup> )	6.7	( <sup>2</sup> )	4.7
Professional specialty .....	( <sup>2</sup> )	8.6	( <sup>2</sup> )	6.1	( <sup>2</sup> )	11.1
<b>Technical, sales, and administrative support</b> .....	( <sup>2</sup> )	25.3	( <sup>2</sup> )	15.2	( <sup>2</sup> )	35.4
Technicians and related support .....	( <sup>2</sup> )	2.7	( <sup>2</sup> )	2.1	( <sup>2</sup> )	3.4
Sales occupations .....	( <sup>2</sup> )	5.9	( <sup>2</sup> )	4.8	( <sup>2</sup> )	6.9
Administrative support, including clerical .....	( <sup>2</sup> )	16.7	( <sup>2</sup> )	8.3	( <sup>2</sup> )	25.1
<b>Service occupations</b> .....	( <sup>2</sup> )	25.0	( <sup>2</sup> )	18.8	( <sup>2</sup> )	31.2
Private household .....	( <sup>2</sup> )	2.7	( <sup>2</sup> )	.2	( <sup>2</sup> )	5.2
Protective service .....	( <sup>2</sup> )	2.6	( <sup>2</sup> )	4.2	( <sup>2</sup> )	.9
Service, except private household and protective .....	( <sup>2</sup> )	19.7	( <sup>2</sup> )	14.4	( <sup>2</sup> )	25.0
<b>Precision production, craft, and repair</b> .....	( <sup>2</sup> )	8.4	( <sup>2</sup> )	14.9	( <sup>2</sup> )	1.9
<b>Operators, fabricators, and laborers</b> .....	( <sup>2</sup> )	24.1	( <sup>2</sup> )	33.3	( <sup>2</sup> )	14.9
Machine operators, assemblers, and inspectors .....	( <sup>2</sup> )	11.6	( <sup>2</sup> )	11.1	( <sup>2</sup> )	12.1
Transportation and material moving occupations .....	( <sup>2</sup> )	5.6	( <sup>2</sup> )	10.3	( <sup>2</sup> )	.9
Handlers, equipment cleaners, helpers, and laborers .....	( <sup>2</sup> )	6.9	( <sup>2</sup> )	11.9	( <sup>2</sup> )	1.9
<b>Farming, forestry, and fishing</b> .....	( <sup>2</sup> )	2.6	( <sup>2</sup> )	4.9	( <sup>2</sup> )	.7

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

<sup>2</sup> Data for 1982 are not shown because they do not meet reliability

standards for publication.

A-23. Employed civilians by age, sex, and class of worker

(In thousands)

Age and sex	March 1983								
	Nongovernmental 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 .....	87,271	1,184	15,746	70,342	7,378	374	1,309	1,450	212
16 to 19 years .....	5,263	261	334	4,669	90	34	157	15	41
16 to 17 years .....	1,784	177	79	1,529	48	20	51	5	28
18 to 19 years .....	3,479	84	255	3,140	42	14	106	10	15
20 to 24 years .....	12,399	124	1,283	10,993	324	28	275	65	28
25 to 34 years .....	25,385	178	4,388	20,819	1,827	78	370	295	42
35 to 44 years .....	18,942	146	4,181	14,615	1,907	79	232	290	37
45 to 54 years .....	13,665	151	3,112	10,402	1,498	88	118	264	31
55 to 64 years .....	9,526	188	2,094	7,244	1,183	53	127	296	20
55 to 59 years .....	5,784	81	1,302	4,410	664	38	82	142	12
60 to 64 years .....	3,732	107	792	2,834	499	17	45	154	8
65 years and over .....	2,090	135	354	1,601	571	16	31	225	13
Men, 16 years and over .....	47,353	155	7,666	39,532	5,018	57	1,061	1,262	70
16 to 19 years .....	2,576	42	145	2,388	61	22	128	14	37
18 to 17 years .....	873	25	36	811	38	13	42	5	22
18 to 19 years .....	1,703	17	109	1,578	25	8	68	9	15
20 to 24 years .....	8,260	15	541	5,705	205	15	223	62	20
25 to 34 years .....	13,914	27	2,082	11,605	1,195	7	303	243	5
35 to 44 years .....	10,445	23	2,016	8,406	1,270	2	176	245	-
45 to 54 years .....	7,873	11	1,626	6,036	1,040	4	94	217	1
55 to 64 years .....	5,352	18	1,066	4,270	841	4	107	270	3
55 to 59 years .....	3,280	7	634	2,639	487	1	72	126	2
60 to 64 years .....	2,072	9	432	1,631	354	3	35	144	1
65 years and over .....	1,134	21	191	922	404	5	31	212	3
Women, 16 years and over .....	39,918	1,029	8,060	30,809	2,362	317	248	188	142
16 to 19 years .....	2,688	219	189	2,280	29	13	29	-	4
18 to 17 years .....	912	151	42	718	12	7	9	-	4
18 to 19 years .....	1,776	67	148	1,582	17	6	20	-	1
20 to 24 years .....	6,139	109	742	5,288	119	11	52	4	8
25 to 34 years .....	11,472	152	2,306	9,014	632	71	67	52	36
35 to 44 years .....	8,497	123	2,165	6,209	637	77	56	45	37
45 to 54 years .....	5,992	140	1,486	4,366	456	84	24	48	30
55 to 64 years .....	4,174	172	1,028	2,974	322	49	20	27	17
55 to 59 years .....	2,514	75	666	1,771	177	35	11	16	10
60 to 64 years .....	1,660	98	360	1,203	145	14	9	10	7
65 years and over .....	957	114	163	679	167	11	-	13	10

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-24. Employed civilians by industry and occupation**

(In thousands)

Industry	March 1983												
	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 .....	2,971	30	55	28	22	98	-	18	43	10	28	13	2,823
Mining .....	902	121	110	32	14	108	-	7	312	34	130	33	-
Construction .....	5,437	643	113	41	60	370	-	32	3,133	111	369	564	3
Manufacturing .....	19,520	2,013	1,415	710	671	2,372	-	368	3,775	6,328	777	981	111
Durable goods .....	11,425	1,215	939	524	258	1,341	-	192	2,718	3,328	388	423	101
Nondurable goods .....	8,095	798	476	186	412	1,031	-	177	1,057	3,002	389	558	10
Transportation and public utilities .....	8,811	852	367	220	280	1,883	-	215	1,208	97	1,455	447	6
Wholesale and retail trade .....	20,240	1,649	363	59	8,447	2,133	-	3,823	1,339	234	718	1,450	27
Wholesale trade .....	4,230	490	82	31	1,823	852	-	49	323	110	368	277	8
Retail trade .....	16,010	1,159	280	28	6,623	1,281	-	3,775	1,016	124	330	1,174	18
Finance, insurance, and real estate .....	6,343	1,378	159	120	1,467	2,737	-	278	113	11	13	15	32
Services .....	31,043	3,172	9,824	1,609	547	5,105	962	6,685	1,614	633	453	335	303
Private households .....	1,184	1	8	29	1	13	962	45	10	1	7	37	87
Other service industries .....	29,859	3,171	9,817	1,580	545	5,091	-	6,640	1,604	631	446	297	236
Professional services .....	21,158	1,838	8,810	1,359	78	3,878	-	4,172	402	176	263	98	88
Public administration .....	4,726	925	645	184	21	1,375	-	1,118	236	65	47	57	54

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

estimation procedures.

NOTE: Detail may not add to totals because of changes in the

**A-25. 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. 1982	Mar. 1983	Total		Wage and salary workers <sup>1</sup>			
			Mar. 1982	Mar. 1983	Paid absences		Unpaid absences	
					Mar. 1982	Mar. 1983	Mar. 1982	Mar. 1983
Total, 16 years and over .....	4,113	4,037	3,970	3,872	1,722	1,708	1,855	1,606
Vacation .....	1,430	1,429	1,392	1,391	884	908	361	333
Illness .....	1,418	1,383	1,399	1,350	815	606	647	632
Bad weather .....	191	197	136	153	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Industrial dispute .....	18	54	18	54	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
All other reasons .....	1,058	974	1,025	924	223	196	648	642
Men, 16 years and over .....	2,214	2,182	2,089	2,044	1,013	898	729	777
Vacation .....	785	780	758	749	537	494	147	153
Illness .....	743	713	727	685	348	314	301	311
All other reasons <sup>3</sup> .....	686	688	605	810	128	89	281	312
Women, 16 years and over .....	1,899	1,856	1,881	1,827	708	808	927	830
Vacation .....	645	649	636	642	347	411	214	180
Illness .....	675	670	672	665	267	291	347	321
All other reasons <sup>3</sup> .....	579	537	573	521	94	106	367	329

<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 disputes, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

**A-26. Persons at work by hours of work and type of industry**

Hours of work	March 1983					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	93,956	2,805	91,151	100.0	100.0	100.0
1-34 hours .....	24,406	981	23,426	26.0	35.0	25.7
1-4 hours .....	975	71	904	1.0	2.5	1.0
5-14 hours .....	5,048	242	4,806	5.4	6.8	5.3
15-29 hours .....	12,052	496	11,556	12.8	17.7	12.7
30-34 hours .....	6,331	172	6,160	6.7	6.1	6.8
35 hours and over .....	69,549	1,824	67,726	74.0	65.0	74.3
35-39 hours .....	7,036	130	6,906	7.5	4.6	7.6
40 hours .....	40,021	551	39,471	42.6	19.6	43.3
41 hours and over .....	22,492	1,143	21,349	23.9	40.7	23.4
41 to 48 hours .....	8,497	207	8,289	9.0	7.4	9.1
49 to 59 hours .....	8,076	367	7,709	8.6	13.1	8.5
60 hours and over .....	5,919	569	5,351	6.3	20.3	5.9
Average hours, total at work .....	37.9	40.4	37.8	-	-	-
Average hours, workers on full-time schedules .....	42.8	47.2	42.7	-	-	-

**A-27. 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 1983					
	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 .....	24,406	6,608	17,799	23,426	8,190	17,236
Economic reasons .....	6,213	2,031	4,182	6,023	1,966	4,057
Slack work .....	3,086	1,769	1,317	2,993	1,718	1,275
Material shortages or repairs to plant and equipment .....	59	59	-	57	57	-
New job started during week .....	133	133	-	126	126	-
Job terminated during week .....	69	69	-	65	65	-
Could find only part-time work .....	2,865	-	2,865	2,782	-	2,782
Other reasons .....	18,193	4,576	13,617	17,402	4,224	13,178
Does not want, or unavailable for, full-time work .....	11,414	-	11,414	11,118	-	11,116
Vacation .....	771	771	-	760	760	-
Illness .....	1,947	1,779	168	1,915	1,757	158
Bad weather .....	531	531	-	372	372	-
Industrial dispute .....	14	14	-	14	14	-
Legal or religious holiday .....	54	54	-	52	52	-
Full time for this job .....	1,489	-	1,489	1,434	-	1,434
All other reasons .....	1,975	1,429	546	1,740	1,289	471
Average hours:						
Economic reasons .....	21.5	24.4	20.1	21.8	24.5	20.2
Other reasons .....	20.1	25.5	18.3	20.2	25.8	18.4
Worked 30 to 34 hours:						
Economic reasons .....	1,827	918	909	1,608	908	900
Other reasons .....	4,504	2,255	2,249	4,352	2,153	2,199

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-28. Persons at work in nonagricultural industries by class of worker and full- or part-time status**

(Numbers in thousands)

Industry	March 1983								
	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 .....	91,151	6,023	13,178	71,950	50,601	8,289	13,060	37.8	42.7
Wage and salary workers .....	83,919	5,286	11,778	66,857	48,248	7,740	10,869	37.6	42.3
Mining .....	820	58	15	749	164	100	208	44.3	46.3
Construction .....	4,068	428	196	3,444	2,641	343	460	37.8	40.8
Manufacturing .....	18,358	899	601	16,858	12,513	2,208	2,137	40.2	41.8
Durable goods .....	10,720	359	208	10,153	7,577	1,271	1,305	40.9	41.8
Nondurable goods .....	7,637	541	393	6,703	4,938	935	830	39.3	41.7
Transportation and public utilities .....	6,153	240	319	5,594	4,053	604	937	40.7	42.7
Wholesale and retail trade .....	17,594	1,708	4,249	11,637	7,575	1,659	2,403	35.3	43.2
Finance, insurance, and real estate .....	5,595	121	530	4,944	3,716	512	716	39.0	41.5
Service industries .....	26,742	1,751	5,632	19,359	13,964	1,928	3,487	35.8	42.4
Private households .....	1,148	225	581	342	241	28	73	22.4	44.0
All other industries .....	25,594	1,526	5,051	19,017	13,723	1,900	3,394	38.4	42.4
Public administration .....	4,592	84	234	4,274	3,343	388	543	40.1	41.7
Self-employed workers .....	8,858	715	1,247	4,896	2,253	522	2,121	39.4	48.1
Unpaid family workers .....	374	22	158	196	96	27	71	34.9	46.1

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-29. 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 1983							
	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 .....	91,151	6,023	13,178	71,950	50,601	21,349	37.8	42.7
16 to 19 years .....	5,241	635	3,143	1,463	1,192	271	22.7	40.3
16 to 17 years .....	1,796	88	1,582	126	112	14	15.0	37.2
18 to 19 years .....	3,445	547	1,561	1,337	1,080	257	26.7	40.5
20 years and over .....	65,909	5,388	10,036	70,485	49,408	21,077	38.7	42.7
20 to 24 years .....	12,361	1,239	2,187	8,935	6,771	2,164	35.4	41.4
25 years and over .....	73,548	4,148	7,849	61,551	42,637	18,914	39.2	42.9
25 to 44 years .....	48,428	2,674	4,259	39,495	26,945	12,550	39.6	42.9
45 to 64 years .....	24,676	1,354	2,402	20,920	14,884	6,036	39.5	42.8
65 years and over .....	2,443	121	1,189	1,133	806	327	28.6	42.2
<b>Men, 16 years and over</b> .....	50,381	2,773	4,029	43,579	27,832	15,747	40.6	44.0
16 to 19 years .....	2,579	307	1,471	801	628	175	23.6	40.6
16 to 17 years .....	892	42	773	77	68	9	15.7	36.5
18 to 19 years .....	1,687	265	698	724	559	165	27.8	41.0
20 years and over .....	47,802	2,467	2,557	42,778	27,204	15,574	41.5	44.0
20 to 24 years .....	6,300	570	920	4,810	3,359	1,451	37.0	42.4
25 years and over .....	41,502	1,898	1,637	37,967	23,845	14,122	42.3	44.2
25 to 44 years .....	25,926	1,242	631	24,053	14,752	9,301	42.7	44.4
45 to 64 years .....	14,168	597	382	13,189	8,605	4,584	42.5	44.1
65 years and over .....	1,409	58	624	727	491	236	30.5	43.0
<b>Women, 16 years and over</b> .....	40,770	3,250	9,150	28,370	22,769	5,601	34.2	40.7
18 to 19 years .....	2,662	328	1,671	663	566	97	21.8	39.9
18 to 17 years .....	904	46	809	49	44	5	14.4	( <sup>1</sup> )
18 to 19 years .....	1,758	282	863	813	521	92	25.6	40.0
20 years and over .....	38,107	2,922	7,478	27,707	22,203	5,504	35.1	40.7
20 to 24 years .....	6,062	871	1,267	4,124	3,412	712	33.7	40.2
25 years and over .....	32,046	2,252	6,212	23,582	18,789	4,793	35.4	40.8
25 to 44 years .....	20,502	1,431	3,627	15,444	12,193	3,251	35.8	40.8
45 to 64 years .....	10,509	757	2,020	7,732	6,282	1,450	35.4	40.7
65 years and over .....	1,034	63	585	406	314	92	26.1	40.8
<b>RACE</b>								
White, 16 years and over .....	80,238	4,980	12,104	63,152	43,371	19,781	37.9	42.9
Men .....	44,878	2,291	3,665	38,922	24,195	14,727	40.9	44.2
Women .....	35,359	2,689	8,438	24,232	19,176	5,054	34.1	40.8
Black, 16 years and over .....	8,523	879	784	6,850	5,753	1,097	36.5	40.5
Men .....	4,221	412	248	3,561	2,868	695	38.0	41.4
Women .....	4,302	467	546	3,289	2,888	403	35.0	39.6
<b>MARITAL STATUS</b>								
Men, 16 years and over:								
Married, spouse present .....	34,054	1,382	1,149	31,523	19,648	11,875	42.6	44.3
Widowed, divorced, or separated .....	4,418	333	211	3,874	2,424	1,450	41.0	43.9
Single (never married) .....	11,908	1,059	2,868	8,181	5,757	2,424	34.9	42.7
Women, 18 years and over:								
Married, spouse present .....	22,777	1,667	5,327	15,783	12,854	2,929	34.2	40.4
Widowed, divorced, or separated .....	7,793	871	956	6,166	4,814	1,352	38.7	41.0
Single (never married) .....	10,199	913	2,867	6,419	5,099	1,320	32.3	40.9

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-30. Persons at work in nonfarm occupations by sex and full- or part-time status**

(Numbers in thousands)

Occupation and sex	March 1983								
	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 .....	90,993	5,975	13,148	71,871	50,491	8,292	13,088	37.8	42.7
Managerial and professional specialty .....	22,607	533	2,191	19,883	11,785	2,436	5,662	41.7	44.8
Executive, administrative, and managerial .....	10,189	177	511	9,501	5,257	1,192	3,052	43.9	45.7
Professional specialty .....	12,418	356	1,680	10,381	6,528	1,244	2,610	39.8	44.0
Technical, sales, and administrative support .....	29,491	1,451	5,301	22,739	16,897	2,394	3,448	36.7	41.8
Technicians and related support .....	2,897	78	380	2,439	1,887	286	267	37.9	41.1
Sales occupations .....	11,018	764	2,339	7,915	4,472	1,064	2,379	37.7	45.1
Administrative support, including clerical .....	15,577	609	2,583	12,385	10,538	1,045	803	35.8	39.9
Service occupations .....	12,968	1,763	3,984	7,222	5,557	668	996	31.4	41.8
Private household .....	937	180	485	271	189	22	61	22.3	44.2
Protective service .....	1,577	79	153	1,345	904	150	290	40.2	44.1
Service, except private household and protective .....	10,455	1,505	3,345	5,606	4,464	496	646	30.9	41.1
Precision production, craft, and repair .....	11,261	823	376	10,063	7,278	1,344	1,441	39.8	42.1
Operators, fabricators, and laborers .....	14,668	1,405	1,296	11,964	8,974	1,450	1,541	37.9	41.7
Machine operators, assemblers, and inspectors .....	7,180	832	314	6,235	4,977	746	511	38.6	40.8
Transportation and material moving occupations .....	3,778	317	283	3,178	1,949	435	795	40.8	44.6
Handlers, equipment cleaners, helpers, and laborers .....	3,708	456	700	2,552	2,048	289	235	33.8	40.4
Men, 16 years and over .....	50,127	2,727	3,961	43,439	27,879	5,518	10,241	40.7	44.0
Managerial and professional specialty .....	13,408	237	834	12,537	6,635	1,550	4,352	44.4	48.2
Executive, administrative, and managerial .....	8,898	104	193	6,800	3,310	832	2,459	45.5	46.8
Professional specialty .....	8,511	133	441	5,937	3,325	718	1,894	43.2	45.7
Technical, sales, and administrative support .....	10,413	307	1,014	9,092	5,341	1,228	2,525	41.5	44.8
Technicians and related support .....	1,456	15	101	1,340	978	161	203	40.3	42.2
Sales occupations .....	5,847	191	582	5,073	2,382	743	1,969	43.3	47.2
Administrative support, including clerical .....	3,110	101	330	2,679	2,003	322	354	38.5	41.7
Service occupations .....	5,219	509	1,135	3,574	2,608	365	602	35.0	42.9
Private household .....	34	9	12	14	9	2	2	( <sup>1</sup> )	( <sup>1</sup> )
Protective service .....	1,384	71	96	1,227	801	150	276	41.4	44.5
Service, except private household and protective .....	3,791	430	1,028	2,334	1,797	213	323	32.7	42.1
Precision production, craft, and repair .....	10,411	781	293	9,338	6,707	1,267	1,383	40.0	42.2
Operators, fabricators, and laborers .....	10,676	893	885	8,898	6,389	1,110	1,399	38.7	42.4
Machine operators, assemblers, and inspectors .....	4,105	255	124	3,726	2,823	489	415	39.9	41.6
Transportation and material moving occupations .....	3,489	278	174	3,017	1,838	413	787	41.6	44.7
Handlers, equipment cleaners, helpers, and laborers .....	3,101	361	587	2,154	1,728	208	217	33.9	40.5
Women, 16 years and over .....	40,866	3,248	9,186	28,432	22,812	2,773	2,846	34.2	40.7
Managerial and professional specialty .....	9,198	296	1,557	7,346	5,150	886	1,309	37.7	42.5
Executive, administrative, and managerial .....	3,291	73	317	2,901	1,947	360	594	40.6	43.4
Professional specialty .....	5,907	223	1,239	4,445	3,203	526	716	38.0	41.9
Technical, sales, and administrative support .....	19,078	1,144	4,287	13,647	11,558	1,188	923	34.2	39.9
Technicians and related support .....	1,440	62	278	1,100	911	124	64	35.3	39.8
Sales occupations .....	5,171	573	1,756	2,841	2,111	321	410	31.4	41.3
Administrative support, including clerical .....	12,467	508	2,253	9,706	8,535	723	449	35.2	39.4
Service occupations .....	7,750	1,254	2,848	3,647	2,950	303	395	29.0	40.7
Private household .....	903	171	473	258	179	20	59	22.3	44.7
Protective service .....	183	8	58	118	103	1	13	31.2	39.7
Service, except private household and protective .....	8,664	1,075	2,317	3,272	2,667	282	323	29.9	40.4
Precision production, craft, and repair .....	850	42	83	725	571	77	77	37.5	40.2
Operators, fabricators, and laborers .....	3,990	512	411	3,067	2,585	340	142	35.9	39.8
Machine operators, assemblers, and inspectors .....	3,075	377	190	2,508	2,154	257	97	36.7	39.6
Transportation and material moving occupations .....	308	39	108	181	111	22	28	31.8	42.0
Handlers, equipment cleaners, helpers, and laborers .....	607	95	113	398	320	61	17	33.7	40.2

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



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-31. 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	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>TOTAL</b>													
Noninstitutional population <sup>1</sup> .....	173,338	173,512	173,691	173,854	174,038	174,200	174,360	174,549	174,718	174,864	175,021	175,169	175,320
Labor force <sup>1</sup> .....	111,149	111,408	112,043	111,811	112,090	112,303	112,528	112,420	112,702	112,794	112,215	112,217	112,148
Percent of population <sup>2</sup> .....	64.1	64.2	64.5	64.3	64.4	64.5	64.5	64.4	64.5	64.5	64.1	64.1	64.0
Total employed <sup>1</sup> .....	101,268	101,152	101,659	101,345	101,262	101,372	101,213	100,844	100,796	100,758	100,770	100,727	100,767
Employment-population ratio <sup>3</sup> .....	58.4	58.3	58.5	58.3	58.2	58.2	58.0	57.8	57.7	57.6	57.6	57.5	57.5
Resident Armed Forces .....	1,671	1,668	1,665	1,664	1,674	1,689	1,670	1,668	1,660	1,665	1,667	1,664	1,664
Civilian employed .....	99,597	99,484	99,994	99,681	99,588	99,683	99,543	99,176	99,136	99,093	99,103	99,063	99,103
Agriculture .....	3,387	3,356	3,448	3,371	3,445	3,429	3,363	3,413	3,466	3,411	3,412	3,393	3,375
Nonagricultural industries .....	96,230	96,128	96,548	96,310	96,143	96,254	96,180	95,763	95,670	95,682	95,691	95,670	95,729
Unemployed .....	9,881	10,258	10,384	10,466	10,828	10,931	11,315	11,576	11,906	12,036	11,446	11,490	11,381
Unemployment rate <sup>4</sup> .....	8.9	9.2	9.3	9.4	9.7	9.7	10.1	10.3	10.6	10.7	10.2	10.2	10.1
Not in labor force .....	62,189	62,104	61,648	62,043	61,948	61,897	61,832	62,129	62,016	62,070	62,806	62,952	63,172
<b>Men</b>													
Noninstitutional population <sup>1</sup> .....	82,763	82,844	82,929	83,006	83,097	83,173	83,231	83,323	83,402	83,581	83,652	83,720	83,789
Labor force <sup>1</sup> .....	53,693	53,829	54,172	53,851	53,898	54,055	54,301	54,300	54,414	54,384	53,916	53,996	53,957
Percent of population <sup>2</sup> .....	77.0	77.0	77.4	76.9	76.9	77.3	77.2	77.2	77.2	77.0	76.4	76.4	76.3
Total employed <sup>1</sup> .....	58,031	57,973	58,251	57,775	57,864	57,710	57,598	57,456	57,408	57,338	57,263	57,234	57,300
Employment-population ratio <sup>3</sup> .....	70.1	70.0	70.2	69.6	69.4	69.4	69.2	69.0	68.8	68.6	68.5	68.4	68.4
Resident Armed Forces .....	1,532	1,529	1,527	1,526	1,537	1,551	1,526	1,524	1,516	1,529	1,531	1,528	1,528
Civilian employed .....	56,499	56,444	56,724	56,249	56,127	56,159	56,072	55,932	55,892	55,809	55,752	55,708	55,772
Unemployed .....	5,662	5,656	5,921	6,076	6,234	6,345	6,703	6,844	7,006	7,046	6,833	6,762	6,657
Unemployment rate <sup>4</sup> .....	8.9	9.2	9.2	9.5	9.6	9.9	10.4	10.6	10.9	10.9	10.4	10.6	10.4
Not in labor force .....	19,070	19,015	18,757	19,155	19,199	19,118	18,930	19,023	18,988	19,197	19,736	19,724	19,832
<b>Women</b>													
Noninstitutional population <sup>1</sup> .....	90,576	90,668	90,762	90,846	90,941	91,027	91,129	91,226	91,316	91,283	91,369	91,449	91,532
Labor force <sup>1</sup> .....	47,456	47,579	47,671	47,960	48,192	48,248	48,227	48,120	48,288	48,410	48,299	48,220	48,191
Percent of population <sup>2</sup> .....	52.4	52.5	52.7	52.8	53.0	53.0	52.9	52.7	52.9	53.0	52.9	52.7	52.6
Total employed <sup>1</sup> .....	43,237	43,179	43,408	43,570	43,598	43,662	43,615	43,388	43,388	43,420	43,486	43,493	43,467
Employment-population ratio <sup>3</sup> .....	47.7	47.6	47.8	48.0	47.9	48.0	47.9	47.6	47.5	47.6	47.6	47.6	47.5
Resident Armed Forces .....	139	139	138	138	137	138	144	144	144	136	136	136	136
Civilian employed .....	43,098	43,040	43,270	43,432	43,461	43,524	43,471	43,244	43,244	43,284	43,350	43,357	43,331
Unemployed .....	4,219	4,400	4,463	4,390	4,594	4,586	4,612	4,732	4,900	4,990	4,613	4,727	4,724
Unemployment rate <sup>4</sup> .....	8.9	9.2	9.3	9.2	9.5	9.5	9.6	9.8	10.1	10.3	10.0	9.8	9.6
Not in labor force .....	43,120	43,069	42,691	42,888	42,749	42,779	42,902	43,106	43,028	42,673	43,070	43,229	43,341

<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-31 through A-40 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-32. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted**

(Numbers in thousands)

Employment status, sex, and age	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	171,667	171,844	172,026	172,190	172,364	172,511	172,690	172,861	173,058	173,199	173,354	173,505	173,656
Civilian labor force .....	109,478	109,740	110,378	110,147	110,416	110,614	110,858	110,752	111,042	111,129	110,548	110,553	110,484
Percent of population .....	63.8	63.9	64.2	64.0	64.1	64.1	64.2	64.1	64.2	64.2	63.8	63.7	63.6
Employed .....	99,597	99,484	99,994	99,681	99,588	99,683	99,543	99,176	99,136	99,093	99,103	99,063	99,103
Employment-population ratio <sup>2</sup> .....	58.0	57.9	58.1	57.9	57.8	57.8	57.6	57.4	57.3	57.2	57.2	57.1	57.1
Unemployed .....	9,681	10,256	10,384	10,466	10,828	10,931	11,315	11,576	11,906	12,036	11,446	11,490	11,381
Unemployment rate .....	9.0	9.3	9.4	9.5	9.8	9.9	10.2	10.5	10.7	10.8	10.4	10.4	10.3
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	73,287	73,392	73,499	73,585	73,685	73,774	73,867	73,984	74,094	74,236	74,339	74,434	74,528
Civilian labor force .....	57,633	57,794	58,008	57,959	58,055	58,064	58,354	58,363	58,454	58,443	58,048	58,177	58,170
Percent of population .....	78.6	78.7	78.9	78.8	78.8	78.7	79.0	78.9	78.9	78.7	78.1	78.2	78.1
Employed .....	53,026	53,024	53,190	52,943	52,905	52,832	52,776	52,649	52,589	52,534	52,452	52,428	52,589
Employment-population ratio <sup>2</sup> .....	72.4	72.2	72.4	71.9	71.8	71.6	71.4	71.2	71.0	70.8	70.6	70.4	70.6
Agriculture .....	2,392	2,417	2,446	2,424	2,462	2,433	2,438	2,444	2,434	2,389	2,426	2,374	2,420
Nonagricultural industries .....	50,634	50,607	50,744	50,519	50,443	50,399	50,340	50,205	50,155	50,145	50,025	50,054	50,169
Unemployed .....	4,607	4,770	4,818	5,016	5,150	5,232	5,578	5,714	5,865	5,909	5,597	5,749	5,581
Unemployment rate .....	8.0	8.3	8.3	8.7	8.9	9.0	9.8	9.8	10.0	10.1	9.6	9.9	9.6
Not in labor force .....	15,654	15,598	15,491	15,626	15,630	15,710	15,513	15,621	15,640	15,793	16,291	16,257	16,358
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	82,478	82,591	82,707	82,811	82,926	83,035	83,152	83,271	83,385	83,383	83,490	83,593	83,699
Civilian labor force .....	43,265	43,355	43,632	43,819	43,983	44,039	43,996	43,936	44,112	44,286	44,201	44,216	44,166
Percent of population .....	52.5	52.5	52.8	52.9	53.0	53.0	52.9	52.8	52.9	53.1	52.9	52.9	52.8
Employed .....	39,883	39,827	40,064	40,254	40,311	40,368	40,286	40,112	40,123	40,215	40,238	40,291	40,277
Employment-population ratio <sup>2</sup> .....	48.4	48.2	48.4	48.6	48.6	48.6	48.4	48.2	48.1	48.2	48.2	48.2	48.1
Agriculture .....	625	600	614	586	598	590	588	578	590	628	625	657	647
Nonagricultural industries .....	39,258	39,227	39,450	39,668	39,713	39,778	39,698	39,534	39,533	39,587	39,613	39,634	39,630
Unemployed .....	3,402	3,528	3,568	3,565	3,672	3,671	3,710	3,824	3,989	4,071	3,963	3,925	3,889
Unemployment rate .....	7.9	8.1	8.2	8.1	8.3	8.3	8.4	8.7	9.0	9.2	9.0	8.9	8.8
Not in labor force .....	39,193	39,236	39,075	38,992	38,943	38,996	39,156	39,335	39,273	39,097	39,289	39,377	39,533
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	15,902	15,861	15,820	15,794	15,753	15,702	15,671	15,625	15,579	15,580	15,525	15,478	15,429
Civilian labor force .....	8,560	8,591	8,738	8,389	8,378	8,511	8,508	8,453	8,478	8,400	8,299	8,160	8,148
Percent of population .....	53.8	54.2	55.2	53.0	53.2	54.2	54.3	54.1	54.4	53.9	53.5	52.7	52.8
Employed .....	6,888	6,833	6,740	6,484	6,372	6,483	6,481	6,415	6,424	6,344	6,413	6,345	6,237
Employment-population ratio <sup>2</sup> .....	42.1	41.8	42.8	41.1	40.4	41.3	41.4	41.1	41.2	40.7	41.3	41.0	40.4
Agriculture .....	350	339	386	361	385	406	339	391	442	394	361	362	308
Nonagricultural industries .....	6,338	6,294	6,354	6,123	5,987	6,077	6,142	6,024	5,982	5,950	6,052	5,983	5,929
Unemployed .....	1,872	1,958	1,998	1,885	2,006	2,027	2,038	2,052	2,056	1,886	1,815	1,811	1,911
Unemployment rate .....	21.9	22.8	22.9	22.5	23.9	23.8	23.8	24.1	24.2	24.5	22.7	22.2	23.5
Not in labor force .....	7,342	7,270	7,082	7,425	7,375	7,191	7,163	7,172	7,103	7,160	7,226	7,318	7,281

<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-33. 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	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	149,132	149,249	149,250	149,429	149,569	149,536	149,652	149,838	149,887	150,056	150,129	150,187	150,382
Civilian labor force .....	95,602	95,941	96,405	96,165	96,385	96,375	96,640	96,453	96,719	96,864	96,176	95,987	95,996
Percent of population .....	64.1	64.3	64.6	64.4	64.4	64.4	64.8	64.4	64.5	64.6	64.1	63.9	63.8
Employed .....	88,033	88,011	88,350	88,089	88,021	87,979	87,872	87,477	87,435	87,443	87,466	87,194	87,324
Employment-population ratio <sup>2</sup> .....	59.0	59.0	59.2	59.0	58.8	58.8	58.7	58.4	58.3	58.3	58.3	58.1	58.1
Unemployed .....	7,569	7,930	8,055	8,078	8,364	8,396	8,768	8,976	9,284	9,421	8,711	8,793	8,672
Unemployment rate .....	7.9	8.3	8.4	8.4	8.7	8.7	9.1	9.3	9.6	9.7	9.1	9.2	9.0
<b>Men, 20 years and over</b>													
Civilian labor force .....	50,958	51,109	51,300	51,213	51,252	51,260	51,517	51,499	51,531	51,562	51,033	51,151	51,214
Percent of population .....	79.1	79.2	79.5	79.2	79.2	79.1	79.5	79.4	79.4	79.3	78.4	78.5	78.4
Employed .....	47,387	47,382	47,474	47,288	47,194	47,142	47,100	46,987	46,837	46,823	46,752	46,682	46,883
Employment-population ratio <sup>2</sup> .....	73.6	73.4	73.8	73.1	72.9	72.8	72.7	72.4	72.1	72.0	71.8	71.6	71.8
Unemployed .....	3,571	3,727	3,826	3,945	4,058	4,118	4,417	4,512	4,694	4,739	4,281	4,469	4,332
Unemployment rate .....	7.0	7.3	7.5	7.7	7.9	8.0	8.8	8.8	9.1	9.2	8.4	8.7	8.5
<b>Women, 20 years and over</b>													
Civilian labor force .....	37,058	37,169	37,373	37,529	37,750	37,858	37,676	37,532	37,762	37,934	37,794	37,588	37,509
Percent of population .....	51.8	51.9	52.2	52.4	52.6	52.5	52.4	52.1	52.4	52.6	52.4	52.1	51.9
Employed .....	34,520	34,531	34,680	34,857	34,986	34,929	34,865	34,683	34,749	34,847	34,834	34,695	34,723
Employment-population ratio <sup>2</sup> .....	48.3	48.3	48.4	48.6	48.8	48.7	48.5	48.1	48.2	48.3	48.3	48.1	48.0
Unemployed .....	2,538	2,638	2,693	2,672	2,764	2,729	2,811	2,869	3,013	3,087	2,960	2,893	2,787
Unemployment rate .....	8.8	7.1	7.2	7.1	7.3	7.2	7.5	7.8	8.0	8.1	7.8	7.7	7.4
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	7,586	7,663	7,732	7,423	7,383	7,457	7,447	7,422	7,426	7,368	7,349	7,248	7,273
Percent of population .....	57.4	58.2	58.9	56.6	56.5	57.3	57.4	57.3	57.5	57.1	57.1	56.5	56.9
Employed .....	6,126	6,098	6,196	5,984	5,841	5,908	5,907	5,827	5,849	5,773	5,880	5,817	5,719
Employment-population ratio <sup>2</sup> .....	46.3	46.3	47.2	45.5	44.7	45.4	45.5	45.0	45.3	44.8	45.7	45.4	44.8
Unemployed .....	1,460	1,565	1,536	1,459	1,542	1,549	1,540	1,595	1,577	1,595	1,469	1,431	1,554
Unemployment rate .....	19.2	20.4	19.9	19.7	20.9	20.8	20.7	21.5	21.2	21.6	20.0	19.7	21.4
Men .....	20.4	21.9	20.9	21.2	22.5	22.5	22.2	23.0	22.6	22.8	21.2	21.1	22.9
Women .....	17.9	18.8	18.7	18.0	18.1	18.9	18.1	19.9	19.8	20.4	18.7	18.2	19.7
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	18,480	18,511	18,542	18,570	18,600	18,626	18,659	18,692	18,723	18,740	18,788	18,796	18,823
Civilian labor force .....	11,228	11,201	11,318	11,267	11,341	11,400	11,443	11,398	11,475	11,522	11,542	11,548	11,554
Percent of population .....	60.8	60.5	61.0	60.7	61.0	61.2	61.3	61.0	61.3	61.5	61.5	61.4	61.4
Employed .....	9,209	9,135	9,209	9,171	9,211	9,220	9,172	9,102	9,159	9,127	9,142	9,276	9,253
Employment-population ratio <sup>2</sup> .....	49.8	49.3	49.7	49.4	49.5	49.5	49.2	48.7	48.9	48.7	48.7	49.4	49.2
Unemployed .....	2,019	2,066	2,109	2,096	2,130	2,180	2,271	2,296	2,316	2,395	2,400	2,271	2,302
Unemployment rate .....	18.0	18.4	18.6	18.6	18.8	19.1	19.8	20.1	20.2	20.8	20.8	19.7	19.9
<b>Men, 20 years and over</b>													
Civilian labor force .....	5,299	5,345	5,347	5,368	5,377	5,366	5,398	5,390	5,488	5,483	5,459	5,441	5,439
Percent of population .....	74.3	74.7	74.8	74.8	74.8	74.5	74.7	74.4	75.6	75.6	75.1	74.7	74.5
Employed .....	4,436	4,438	4,434	4,435	4,444	4,419	4,360	4,331	4,437	4,358	4,385	4,423	4,418
Employment-population ratio <sup>2</sup> .....	82.2	82.1	81.9	81.8	81.6	81.3	80.4	79.8	81.1	80.1	80.3	80.7	80.5
Unemployed .....	863	907	913	931	933	947	1,038	1,059	1,051	1,125	1,075	1,018	1,023
Unemployment rate .....	18.3	17.0	17.1	17.3	17.4	17.6	19.2	19.8	19.2	20.5	19.7	18.7	18.8
<b>Women, 20 years and over</b>													
Civilian labor force .....	5,098	5,063	5,137	5,145	5,159	5,183	5,187	5,169	5,157	5,207	5,295	5,353	5,350
Percent of population .....	58.1	55.8	56.3	58.3	56.3	56.5	56.4	56.1	55.9	56.5	57.3	57.8	57.7
Employed .....	4,326	4,265	4,353	4,367	4,359	4,386	4,371	4,332	4,305	4,349	4,329	4,441	4,404
Employment-population ratio <sup>2</sup> .....	47.8	47.1	47.7	47.8	47.6	47.8	47.5	47.0	46.6	47.1	46.8	48.0	47.5
Unemployed .....	770	798	784	778	800	797	816	837	852	858	965	912	946
Unemployment rate .....	15.1	15.4	15.3	15.1	15.5	15.4	15.7	16.2	16.5	16.5	18.2	17.0	17.7

See footnotes at end of table.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-33. 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	1982										1983		
	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 .....	833	793	834	756	805	851	858	839	830	832	788	754	765
Percent of population .....	36.8	35.1	37.0	33.5	35.8	37.9	38.3	37.5	37.2	36.8	35.0	33.5	34.1
Employed .....	447	412	422	369	408	415	441	439	417	420	428	412	432
Employment-population ratio <sup>2</sup> .....	19.8	18.2	18.7	16.4	18.1	18.5	19.7	19.6	18.7	18.6	19.0	18.3	19.3
Unemployed .....	386	381	412	387	397	436	417	400	413	412	360	342	333
Unemployment rate .....	46.3	48.0	49.4	51.2	49.3	51.2	48.6	47.7	49.8	49.5	45.7	45.4	43.5
Men .....	47.8	48.4	49.7	55.7	48.9	50.5	51.0	49.2	53.0	52.5	45.9	45.3	44.5
Women .....	44.9	47.7	49.1	46.0	49.7	52.1	45.9	46.2	46.2	46.2	45.5	45.4	42.3
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	9,297	9,235	9,297	9,428	9,521	9,689	9,464	9,474	9,355	9,301	9,328	9,368	9,551
Civilian labor force .....	6,015	5,966	6,004	5,965	5,972	6,045	5,961	5,973	5,923	5,898	5,981	5,992	6,074
Percent of population .....	64.7	64.6	64.6	63.3	62.7	62.4	63.0	63.0	63.3	63.4	64.1	64.0	63.6
Employed .....	5,253	5,211	5,182	5,155	5,136	5,162	5,097	5,075	5,012	4,998	5,053	5,042	5,088
Employment-population ratio <sup>2</sup> .....	56.5	56.4	55.7	54.7	53.9	53.3	53.9	53.6	53.7	53.7	54.2	53.8	53.3
Unemployed .....	762	755	822	810	836	883	864	898	911	900	929	950	986
Unemployment rate .....	12.7	12.7	13.7	13.6	14.0	14.6	14.5	15.0	15.4	15.3	15.5	15.8	16.2

<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-34. Employed civilians by selected social and economic categories, seasonally adjusted**

(In thousands)

Category	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>CHARACTERISTIC</b>													
Total .....	99,597	99,464	99,994	99,681	99,588	99,683	99,543	99,176	99,138	99,093	99,103	99,063	99,103
Married men, spouse present .....	38,227	38,212	38,274	38,254	38,177	38,121	37,998	37,852	37,641	37,507	37,450	37,428	37,452
Married women, spouse present .....	23,933	23,891	24,112	24,331	24,173	24,235	24,159	24,081	23,985	24,155	24,205	24,070	24,171
Women who maintain families .....	5,094	5,093	4,991	5,120	5,200	5,208	5,118	5,107	5,025	4,985	5,038	5,050	5,097
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>													
<b>Agriculture:</b>													
Wage and salary workers .....	1,428	1,442	1,530	1,457	1,523	1,548	1,537	1,576	1,584	1,547	1,637	1,624	1,515
Self-employed workers .....	1,645	1,656	1,679	1,661	1,655	1,620	1,569	1,621	1,628	1,627	1,587	1,541	1,585
Unpaid family workers .....	270	266	251	254	254	255	254	229	241	224	231	223	260
<b>Nonagricultural industries:</b>													
Wage and salary workers .....	88,820	88,454	88,872	88,548	88,491	88,576	88,562	88,064	87,936	87,978	87,813	87,794	87,912
Government .....	15,491	15,464	15,454	15,614	15,471	15,562	15,681	15,436	15,514	15,477	15,388	15,501	15,452
Private industries .....	73,129	72,990	73,418	72,934	73,020	73,014	72,881	72,628	72,422	72,499	72,427	72,293	72,459
Private households .....	1,218	1,196	1,204	1,205	1,200	1,227	1,220	1,216	1,221	1,163	1,162	1,232	1,235
Other industries .....	71,911	71,794	72,214	71,729	71,820	71,787	71,661	71,412	71,201	71,336	71,265	71,081	71,225
Self-employed workers .....	7,150	7,246	7,262	7,301	7,286	7,338	7,422	7,332	7,349	7,335	7,465	7,385	7,453
Unpaid family workers .....	431	410	392	398	393	408	378	403	382	383	380	353	342
<b>PERSONS AT WORK<sup>1</sup></b>													
Nonagricultural industries .....	90,579	90,755	91,082	90,917	90,414	90,468	90,684	90,232	90,238	90,219	90,903	90,207	90,271
Full-time schedules .....	72,699	72,562	72,869	72,545	72,288	72,045	71,723	71,394	71,442	71,499	71,786	71,564	71,878
Part time for economic reasons .....	5,611	5,750	5,731	5,561	5,577	5,820	6,495	6,403	6,411	6,425	6,845	6,481	6,202
Usually work full time .....	2,187	2,197	2,195	2,126	2,047	2,100	2,519	2,381	2,228	2,153	2,200	2,087	1,927
Usually work part time .....	3,424	3,553	3,536	3,435	3,530	3,720	3,976	4,022	4,183	4,272	4,645	4,384	4,275
Part time for noneconomic reasons .....	12,269	12,443	12,482	12,811	12,549	12,621	12,666	12,435	12,385	12,295	12,271	12,162	12,191

<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-35. Employed civilians by sex and age, seasonally adjusted**

(In thousands)

Sex and age	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over .....	99,597	99,484	99,994	99,681	99,588	99,683	99,543	99,176	99,136	99,093	99,103	99,063	99,103
16 to 24 years .....	20,502	20,383	20,531	20,257	20,073	20,123	20,065	19,919	19,934	19,903	19,887	19,863	19,732
16 to 19 years .....	6,688	6,633	6,740	6,484	6,372	6,483	6,481	6,415	6,424	6,344	6,413	6,345	6,237
16 to 17 years .....	2,629	2,593	2,617	2,432	2,364	2,422	2,432	2,415	2,426	2,364	2,438	2,362	2,307
18 to 19 years .....	4,071	4,053	4,136	4,027	4,016	4,043	4,065	3,988	3,988	3,982	3,982	3,982	3,952
20 to 24 years .....	13,814	13,750	13,791	13,773	13,701	13,640	13,584	13,504	13,510	13,559	13,474	13,516	13,494
25 years and over .....	79,085	79,076	79,403	79,479	79,596	79,646	79,468	79,251	79,182	79,185	79,240	79,185	79,366
25 to 54 years .....	64,738	64,737	65,027	65,101	65,216	65,385	64,982	64,949	64,858	64,890	65,005	64,902	65,184
55 years and over .....	14,314	14,314	14,416	14,373	14,367	14,302	14,561	14,289	14,315	14,272	14,233	14,179	14,138
Men, 16 years and over .....	56,499	56,444	56,724	56,249	56,127	56,159	56,072	55,932	55,892	55,809	55,752	55,706	55,772
16 to 24 years .....	10,733	10,648	10,798	10,521	10,434	10,498	10,401	10,408	10,388	10,357	10,368	10,327	10,229
16 to 19 years .....	3,473	3,420	3,534	3,306	3,222	3,327	3,296	3,283	3,303	3,275	3,301	3,279	3,163
16 to 17 years .....	1,382	1,373	1,409	1,284	1,191	1,252	1,229	1,229	1,258	1,233	1,295	1,260	1,212
18 to 19 years .....	2,097	2,055	2,139	2,020	2,040	2,065	2,065	2,052	2,027	2,038	2,009	2,037	1,990
20 to 24 years .....	7,260	7,228	7,264	7,215	7,212	7,171	7,105	7,125	7,085	7,082	7,067	7,048	7,048
25 years and over .....	45,770	45,791	45,879	45,792	45,722	45,685	45,672	45,522	45,496	45,430	45,393	45,372	45,552
25 to 54 years .....	37,187	37,203	37,302	37,200	37,152	37,205	37,044	37,019	36,988	36,947	36,968	36,913	37,135
55 years and over .....	8,579	8,589	8,612	8,615	8,565	8,473	8,644	8,485	8,508	8,471	8,446	8,415	8,400
Women, 16 years and over .....	43,098	43,040	43,270	43,432	43,461	43,524	43,471	43,244	43,244	43,284	43,350	43,357	43,331
16 to 24 years .....	9,769	9,735	9,733	9,736	9,639	9,625	9,664	9,511	9,546	9,546	9,519	9,536	9,503
16 to 19 years .....	3,215	3,213	3,206	3,178	3,150	3,156	3,185	3,132	3,121	3,069	3,112	3,066	3,054
16 to 17 years .....	1,247	1,220	1,208	1,168	1,173	1,170	1,203	1,186	1,168	1,131	1,143	1,102	1,095
18 to 19 years .....	1,974	1,998	1,997	2,007	1,976	1,979	1,980	1,936	1,957	1,944	1,973	1,955	1,962
20 to 24 years .....	6,554	6,522	6,527	6,558	6,489	6,469	6,479	6,379	6,425	6,477	6,407	6,470	6,448
25 years and over .....	33,315	33,285	33,524	33,687	33,874	33,981	33,796	33,729	33,686	33,735	33,847	33,792	33,834
25 to 54 years .....	27,551	27,534	27,725	27,901	28,064	28,160	27,938	27,930	27,870	27,943	28,037	27,989	28,049
55 years and over .....	5,735	5,725	5,804	5,758	5,802	5,829	5,917	5,804	5,807	5,801	5,767	5,784	5,738

**A-36. Unemployed persons by sex and age, seasonally adjusted**

(In thousands)

Sex and age	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over .....	9,881	10,256	10,384	10,466	10,828	10,931	11,315	11,576	11,906	12,038	11,446	11,490	11,381
16 to 24 years .....	4,147	4,297	4,328	4,226	4,370	4,484	4,490	4,577	4,685	4,842	4,482	4,444	4,375
16 to 19 years .....	1,872	1,958	1,998	1,885	2,006	2,028	2,027	2,038	2,052	2,056	1,886	1,815	1,911
16 to 17 years .....	794	838	876	752	824	840	878	851	866	893	774	721	774
18 to 19 years .....	1,102	1,131	1,128	1,135	1,175	1,173	1,145	1,184	1,174	1,169	1,104	1,091	1,162
20 to 24 years .....	2,275	2,339	2,330	2,343	2,384	2,456	2,463	2,539	2,633	2,586	2,576	2,629	2,484
25 years and over .....	5,781	5,946	6,078	6,264	6,438	6,413	6,824	6,997	7,194	7,402	7,000	7,054	7,029
25 to 54 years .....	5,056	5,179	5,380	5,482	5,648	5,673	6,090	6,176	6,330	6,512	6,208	6,194	6,208
55 years and over .....	689	733	735	778	799	781	800	837	862	880	812	802	803
Men, 16 years and over .....	5,682	5,856	5,921	6,076	6,234	6,345	6,703	6,844	7,006	7,046	6,633	6,782	6,657
16 to 24 years .....	2,394	2,448	2,468	2,428	2,474	2,544	2,608	2,633	2,697	2,870	2,548	2,544	2,479
16 to 19 years .....	1,055	1,086	1,103	1,060	1,084	1,113	1,125	1,130	1,141	1,137	1,036	1,013	1,076
16 to 17 years .....	448	452	502	431	457	473	502	498	493	503	419	389	425
18 to 19 years .....	613	637	609	627	622	631	622	628	642	642	617	622	656
20 to 24 years .....	1,339	1,362	1,365	1,368	1,390	1,431	1,483	1,503	1,556	1,533	1,512	1,531	1,403
25 years and over .....	3,290	3,402	3,452	3,682	3,731	3,802	4,098	4,213	4,292	4,388	4,078	4,230	4,199
25 to 54 years .....	2,646	2,831	3,039	3,207	3,293	3,334	3,657	3,696	3,750	3,819	3,541	3,678	3,652
55 years and over .....	424	449	429	447	442	490	500	545	580	570	519	507	520
Women, 16 years and over .....	4,219	4,400	4,463	4,390	4,594	4,586	4,612	4,732	4,900	4,990	4,813	4,727	4,724
16 to 24 years .....	1,753	1,849	1,860	1,802	1,896	1,940	1,882	1,944	1,988	1,972	1,914	1,900	1,896
16 to 19 years .....	817	872	895	825	822	915	902	908	911	919	850	802	835
16 to 17 years .....	346	386	374	321	387	367	378	353	373	390	355	332	349
18 to 19 years .....	489	494	519	508	553	542	523	556	532	527	487	489	506
20 to 24 years .....	936	977	965	977	974	1,025	980	1,036	1,077	1,053	1,064	1,098	1,061
25 years and over .....	2,471	2,544	2,624	2,602	2,705	2,611	2,726	2,784	2,902	3,014	2,922	2,824	2,830
25 to 54 years .....	2,208	2,248	2,341	2,255	2,355	2,339	2,433	2,480	2,580	2,693	2,687	2,516	2,554
55 years and over .....	265	284	306	331	357	291	300	292	302	310	293	294	283

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-37. Unemployment rates by sex and age, seasonally adjusted**  
(Civilian workers)

Sex and age	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over .....	9.0	9.3	9.4	9.5	9.8	9.9	10.2	10.5	10.7	10.8	10.4	10.4	10.3
16 to 24 years .....	16.8	17.4	17.4	17.3	17.9	18.2	18.3	18.7	19.0	18.9	18.3	18.3	18.1
16 to 19 years .....	21.9	22.8	22.9	22.5	23.9	23.8	23.8	24.1	24.2	24.5	22.7	22.2	23.5
16 to 17 years .....	23.2	24.4	25.1	23.6	25.8	25.8	26.5	26.1	26.3	27.4	24.1	23.4	25.1
18 to 19 years .....	21.3	21.8	21.4	22.0	22.6	22.5	22.0	22.9	22.8	22.7	21.7	21.5	22.7
20 to 24 years .....	14.1	14.5	14.5	14.5	14.7	15.3	15.3	15.8	16.3	16.0	16.1	16.3	15.4
25 years and over .....	6.8	7.0	7.1	7.3	7.5	7.5	7.9	8.1	8.3	8.6	8.1	8.2	8.1
25 to 54 years .....	7.2	7.4	7.6	7.7	8.0	8.0	8.6	8.7	8.9	9.1	8.7	8.7	8.7
55 years and over .....	4.6	4.9	4.9	5.1	5.3	5.2	5.2	5.5	5.7	5.8	5.4	5.4	5.4
Men, 16 years and over .....	9.1	9.4	9.5	9.7	10.0	10.2	10.7	10.9	11.1	11.2	10.6	10.8	10.7
16 to 24 years .....	18.2	18.7	18.6	18.7	19.2	19.5	20.0	20.2	20.6	20.5	19.7	19.8	19.5
16 to 19 years .....	23.3	24.1	23.8	24.3	25.2	25.1	25.4	25.6	25.7	25.8	23.9	23.6	25.3
16 to 17 years .....	24.5	24.8	26.3	25.4	27.7	27.4	29.0	28.8	28.2	29.0	24.4	23.6	26.0
18 to 19 years .....	22.6	23.7	22.2	23.7	23.4	23.4	23.0	23.4	24.1	24.0	23.5	23.4	24.8
20 to 24 years .....	15.8	15.9	15.8	15.9	16.2	16.8	17.3	17.4	18.0	17.8	17.6	17.8	18.8
25 years and over .....	8.7	6.9	7.0	7.4	7.5	7.7	8.2	8.5	8.6	8.8	8.2	8.5	8.4
25 to 54 years .....	7.1	7.3	7.5	7.9	8.1	8.2	9.0	9.1	9.2	9.4	8.7	9.1	9.0
55 years and over .....	4.7	5.0	4.7	4.9	4.9	5.5	5.5	6.0	6.2	6.3	5.8	5.7	5.8
Women, 18 years and over .....	8.9	9.3	9.3	9.2	9.8	9.5	9.6	9.9	10.2	10.3	10.0	9.8	9.8
18 to 24 years .....	15.2	16.0	16.0	15.6	18.4	16.8	16.3	17.0	17.2	17.1	16.7	16.8	18.8
16 to 19 years .....	20.3	21.3	21.8	20.6	22.6	22.5	22.1	22.5	22.6	23.0	21.5	20.7	21.5
18 to 17 years .....	21.7	24.0	23.6	21.6	23.8	23.9	23.8	22.9	24.2	25.8	23.7	23.2	24.2
18 to 19 years .....	19.9	19.8	20.6	20.2	21.9	21.5	20.9	22.3	21.4	21.3	19.8	19.3	20.5
20 to 24 years .....	12.5	13.0	12.9	13.0	13.1	13.7	13.1	14.0	14.4	14.0	14.2	14.5	14.1
25 years and over .....	6.9	7.1	7.3	7.2	7.4	7.1	7.5	7.8	7.9	8.2	7.9	7.7	7.7
25 to 54 years .....	7.4	7.5	7.8	7.5	7.7	7.7	8.0	8.2	8.5	8.8	8.7	8.2	8.3
55 years and over .....	4.4	4.7	5.0	5.4	5.8	4.8	4.8	4.8	4.9	5.1	4.8	4.9	4.7

**A-38. Selected unemployment indicators, seasonally adjusted**  
(Unemployment rates)

Category	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>CHARACTERISTIC</b>													
Total (all civilian workers) .....	9.0	9.3	9.4	9.5	9.8	9.9	10.2	10.5	10.7	10.8	10.4	10.4	10.3
Men, 20 years and over .....	8.0	8.3	8.3	8.7	8.9	9.0	9.6	9.8	10.0	10.1	9.8	9.9	9.6
Women, 20 years and over .....	7.9	8.1	8.2	8.1	8.3	8.3	8.4	8.7	9.0	9.2	9.0	8.9	8.8
Both sexes, 16 to 19 years .....	21.9	22.8	22.9	22.5	23.9	23.8	23.8	24.1	24.2	24.5	22.7	22.2	23.5
White .....	7.9	8.3	8.4	8.4	8.7	8.7	9.1	9.3	9.6	9.7	9.1	9.2	9.0
Black and other .....	16.8	16.8	17.1	17.1	17.4	17.7	18.1	18.4	18.5	18.8	19.0	18.0	18.5
Black .....	18.0	18.4	18.8	18.8	18.8	19.1	19.8	20.1	20.2	20.8	20.8	19.7	19.9
Hispanic origin .....	12.7	12.7	13.7	13.8	14.0	14.8	14.5	15.0	15.4	15.3	15.5	15.8	18.2
Married men, spouse present .....	5.8	8.0	6.1	6.4	6.6	6.8	7.2	7.5	7.8	7.8	7.1	7.2	7.1
Married women, spouse present .....	7.0	7.6	7.3	7.1	7.4	7.3	7.6	7.9	8.2	8.2	7.8	7.6	7.5
Women who maintain families .....	10.8	11.5	11.9	12.1	12.0	11.7	12.4	11.3	12.5	13.2	13.2	13.0	13.5
Full-time workers .....	8.9	9.1	9.2	9.4	9.8	9.7	10.2	10.5	10.6	10.8	10.3	10.4	10.3
Part-time workers .....	10.0	10.8	10.5	10.0	11.2	10.4	10.6	10.3	11.3	11.1	10.6	10.1	10.5
Unemployed 15 weeks and over <sup>1</sup> .....	2.7	2.8	3.0	3.2	3.2	3.3	3.5	3.8	4.1	4.3	4.2	4.2	4.2
Labor force time lost <sup>2</sup> .....	10.3	10.4	10.7	10.4	10.7	10.9	11.7	12.0	12.4	12.7	11.7	12.0	11.8
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	9.4	9.8	9.8	10.0	10.2	10.2	10.7	11.0	11.4	11.6	10.8	10.8	10.8
Mining .....	9.3	10.6	12.1	14.0	15.8	16.0	18.5	17.9	18.1	18.1	17.1	18.4	18.6
Construction .....	18.2	19.3	18.9	19.5	20.3	20.4	22.0	22.3	21.8	22.0	20.0	19.7	20.3
Manufacturing .....	10.7	11.3	11.5	12.2	12.1	12.4	13.8	14.1	14.8	14.8	13.0	13.3	12.8
Durable goods .....	10.8	11.9	12.2	13.1	12.8	13.3	14.9	16.0	17.0	17.1	14.7	14.7	14.1
Nondurable goods .....	10.8	10.6	10.4	11.1	11.0	11.0	11.8	11.2	11.4	11.4	10.5	11.4	11.1
Transportation and public utilities .....	5.7	6.7	6.4	6.8	8.6	7.1	7.3	7.9	8.3	8.0	7.8	8.0	7.8
Wholesale and retail trade .....	10.1	9.9	10.2	9.7	10.3	10.0	10.0	10.4	10.6	11.0	10.8	10.9	11.2
Finance and service industries .....	8.8	7.0	6.8	6.9	7.0	7.0	7.0	7.1	7.7	7.9	7.8	7.3	7.2
Agricultural wage and salary workers .....	14.0	14.8	18.1	15.0	14.1	14.2	13.5	13.3	15.8	16.5	16.0	16.4	16.3

<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-39. Unemployed persons by duration of unemployment, seasonally adjusted**

(Numbers in thousands)

Weeks of unemployment	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>DURATION</b>													
Less than 5 weeks .....	3,831	3,930	3,871	3,605	3,959	3,833	4,004	3,930	3,983	4,019	3,536	3,731	3,440
5 to 14 weeks .....	3,098	3,255	3,281	3,398	3,249	3,346	3,549	3,511	3,549	3,460	3,328	3,106	3,140
15 weeks and over .....	2,962	3,080	3,287	3,517	3,569	3,837	3,856	4,167	4,524	4,732	4,634	4,618	4,615
15 to 26 weeks .....	1,605	1,562	1,633	1,683	1,780	1,808	1,830	1,951	2,191	2,125	1,928	1,928	1,875
27 weeks and over .....	1,357	1,498	1,634	1,834	1,789	1,829	2,026	2,216	2,333	2,807	2,706	2,689	2,740
Average (mean) duration, in weeks .....	13.9	14.3	14.9	16.3	15.6	16.1	16.6	17.1	17.3	16.0	19.4	19.0	19.1
Median duration, in weeks .....	7.7	8.3	8.6	9.8	8.3	8.3	9.4	9.6	10.0	10.1	11.5	9.6	10.3
<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 .....	38.7	38.3	37.2	34.3	36.7	36.0	35.1	33.9	32.9	32.9	30.6	32.6	30.7
5 to 14 weeks .....	31.3	31.7	31.5	32.3	30.1	30.7	31.1	30.2	29.5	28.3	28.9	27.1	26.1
15 weeks and over .....	29.9	30.0	31.4	33.4	33.1	33.3	33.8	35.9	37.8	38.6	40.3	40.3	41.2
15 to 26 weeks .....	16.2	15.4	15.7	16.0	16.5	16.6	16.0	16.6	16.2	17.4	16.6	16.8	16.7
27 weeks and over .....	13.7	14.6	15.7	17.4	16.6	16.8	17.6	19.1	19.4	21.3	23.5	23.5	24.5

**A-40. Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reasons for unemployment	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	5,628	5,889	5,938	6,181	6,323	6,446	6,979	7,325	7,369	7,295	6,704	6,809	6,823
On layoff .....	1,858	1,967	1,956	2,097	2,126	2,218	2,625	2,519	2,531	2,468	2,131	2,024	1,945
Other job losers .....	3,770	3,922	3,982	4,084	4,197	4,228	4,354	4,806	4,838	4,827	4,573	4,784	4,878
Job leavers .....	885	901	864	826	819	814	786	803	794	826	839	848	901
Reentrants .....	2,261	2,342	2,393	2,378	2,478	2,440	2,437	2,322	2,546	2,629	2,823	2,491	2,426
New entrants .....	1,061	1,096	1,159	1,091	1,230	1,304	1,303	1,296	1,244	1,288	1,174	1,161	1,155
<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 .....	57.2	57.6	57.3	59.0	58.3	58.6	60.7	62.4	61.6	60.6	59.1	60.2	60.4
On layoff .....	18.9	19.2	18.9	20.0	19.6	20.2	22.8	21.4	21.2	20.5	18.8	17.9	17.2
Other job losers .....	38.3	38.3	38.5	39.0	38.7	38.4	37.8	40.9	40.5	40.1	40.3	42.3	43.1
Job leavers .....	9.0	8.8	8.3	7.9	7.5	7.4	6.8	6.8	6.8	6.9	7.4	7.5	8.0
Reentrants .....	23.0	22.9	23.1	22.7	22.8	22.2	21.2	19.8	21.3	21.8	23.1	22.0	21.5
New entrants .....	10.8	10.7	11.2	10.4	11.3	11.9	11.3	11.0	10.4	10.7	10.4	10.3	10.2
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	5.1	5.4	5.4	5.6	5.7	5.8	6.3	6.6	6.8	6.6	6.1	6.2	6.2
Job leavers .....	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8
Reentrants .....	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.1	2.3	2.4	2.4	2.3	2.2
New entrants .....	1.0	1.0	1.1	1.0	1.1	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.0

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-41. 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	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>TOTAL</b>													
Noninstitutional population <sup>1</sup> .....	168,338	169,002	169,728	170,327	170,912	171,487	172,071	172,649	173,161	173,686	174,200	174,710	175,170
Labor force <sup>1</sup> .....	108,102	108,346	108,761	109,127	109,852	110,432	110,238	110,775	110,956	111,754	112,307	112,638	112,193
Percent of population <sup>2</sup> .....	64.2	64.1	64.1	64.1	64.3	64.4	64.1	64.2	64.1	64.3	64.5	64.5	64.0
Total employed <sup>1</sup> .....	101,413	100,552	100,533	101,149	101,837	102,419	102,178	101,746	101,324	101,386	101,283	100,799	100,755
Employment-population ratio <sup>3</sup> .....	60.2	59.5	59.2	59.4	59.6	59.7	59.4	58.9	58.5	58.4	58.1	57.7	57.5
Resident Armed Forces .....	1,578	1,587	1,817	1,634	1,633	1,630	1,658	1,659	1,664	1,666	1,678	1,664	1,665
Civilian employed .....	99,837	98,965	98,918	99,515	100,204	100,789	100,520	100,087	99,660	99,720	99,605	99,135	99,090
Agriculture .....	3,371	3,337	3,342	3,412	3,372	3,417	3,358	3,327	3,371	3,391	3,412	3,430	3,393
Nonagricultural industries .....	96,487	95,628	95,574	96,103	96,832	97,372	97,162	96,760	96,289	96,329	96,192	95,705	95,696
Unemployed .....	6,688	7,794	8,228	7,979	8,016	8,013	8,059	8,029	8,832	10,369	11,025	11,839	11,439
Unemployment rate <sup>4</sup> .....	6.2	7.2	7.6	7.3	7.3	7.3	7.3	8.2	8.7	9.3	9.8	10.5	10.2
Not in labor force .....	60,237	60,657	60,967	61,200	61,060	61,035	61,833	61,874	62,205	61,932	61,893	62,072	62,977
<b>Men</b>													
Noninstitutional population <sup>1</sup> .....	80,392	80,708	81,060	81,347	81,614	81,874	82,163	82,442	82,678	82,926	83,167	83,435	83,720
Labor force <sup>1</sup> .....	62,780	62,896	63,055	63,151	63,374	63,540	63,430	63,617	63,646	63,950	64,085	64,366	63,956
Percent of population <sup>2</sup> .....	78.1	77.9	77.8	77.6	77.7	77.6	77.2	77.2	77.0	77.1	77.1	77.1	76.4
Total employed <sup>1</sup> .....	59,216	58,469	58,303	58,692	58,920	59,129	59,040	58,547	56,138	57,999	57,657	57,401	57,272
Employment-population ratio <sup>3</sup> .....	73.7	72.4	71.9	72.1	72.2	72.2	71.9	71.0	70.3	69.9	69.3	68.8	68.4
Resident Armed Forces .....	1,459	1,463	1,490	1,505	1,503	1,499	1,521	1,525	1,526	1,527	1,538	1,523	1,529
Civilian employed .....	57,757	57,006	56,813	57,187	57,417	57,630	57,519	57,022	56,612	56,472	56,119	55,878	55,743
Unemployed .....	3,564	4,427	4,752	4,460	4,454	4,411	4,390	5,071	5,510	5,951	6,427	6,965	6,684
Unemployment rate <sup>4</sup> .....	5.7	7.0	7.5	7.1	7.0	6.9	6.9	8.0	8.7	9.3	10.0	10.8	10.5
Not in labor force .....	17,612	17,811	18,004	18,196	18,240	18,334	18,733	18,825	19,030	18,976	19,082	19,069	19,764
<b>Women</b>													
Noninstitutional population <sup>1</sup> .....	87,946	88,295	88,668	88,980	89,296	89,593	89,908	90,207	90,482	90,759	91,033	91,274	91,450
Labor force <sup>1</sup> .....	45,322	45,449	45,706	45,976	46,479	46,892	46,806	47,158	47,307	47,803	48,223	48,272	48,237
Percent of population <sup>2</sup> .....	51.5	51.5	51.5	51.7	52.0	52.3	52.1	52.3	52.3	52.7	53.0	52.9	52.7
Total employed <sup>1</sup> .....	42,198	42,083	42,230	42,457	42,918	43,290	43,138	43,199	43,185	43,385	43,625	43,398	43,482
Employment-population ratio <sup>3</sup> .....	48.0	47.7	47.6	47.7	48.1	48.3	48.0	47.9	47.7	47.8	47.9	47.5	47.5
Resident Armed Forces .....	118	124	127	129	131	131	137	134	137	138	140	141	136
Civilian employed .....	42,080	41,959	42,103	42,328	42,787	43,159	43,001	43,065	43,048	43,247	43,485	43,257	43,346
Unemployed .....	3,124	3,367	3,476	3,519	3,582	3,602	3,670	3,958	4,122	4,418	4,597	4,874	4,755
Unemployment rate <sup>4</sup> .....	6.9	7.4	7.6	7.7	7.7	7.7	7.8	8.4	8.7	9.2	9.5	10.1	9.9
Not in labor force .....	42,624	42,846	42,962	43,004	42,819	42,701	43,100	43,049	43,175	42,956	42,810	43,002	43,213

<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-41 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-42. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted**

(Numbers in thousands)

Employment status, sex, and age	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	166,762	167,415	168,111	168,693	169,279	169,837	170,413	170,990	171,497	172,020	172,522	173,046	173,505
Civilian labor force .....	106,526	106,759	107,144	107,493	108,219	108,802	108,580	109,116	109,292	110,088	110,629	110,974	110,528
Percent of population .....	63.9	63.8	63.7	63.7	63.9	64.1	63.7	63.8	63.7	64.0	64.1	64.1	63.7
Employed .....	99,837	98,965	98,916	99,515	100,204	100,789	100,520	100,087	99,660	99,720	99,605	99,135	99,090
Employment-population ratio <sup>2</sup> .....	59.9	59.1	58.6	59.0	59.2	59.3	59.0	58.5	58.1	58.0	57.7	57.3	57.1
Unemployed .....	6,688	7,794	8,228	7,979	8,016	8,013	8,059	9,029	9,632	10,369	11,025	11,839	11,439
Unemployment rate .....	6.3	7.3	7.7	7.4	7.4	7.4	7.4	8.3	8.8	9.4	10.0	10.7	10.3
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	70,640	70,963	71,313	71,634	71,946	72,251	72,567	72,912	73,205	73,492	73,775	74,105	74,434
Civilian labor force .....	56,262	56,392	56,594	56,726	56,951	57,222	57,211	57,421	57,558	57,920	58,158	58,420	58,131
Percent of population .....	79.6	79.5	79.4	79.2	79.2	79.2	78.8	78.8	78.6	78.8	78.8	78.8	78.1
Employed .....	53,498	52,887	52,818	53,223	53,478	53,760	53,739	53,351	53,085	53,052	52,838	52,591	52,489
Employment-population ratio <sup>2</sup> .....	75.7	74.5	74.1	74.3	74.3	74.4	74.1	73.2	72.5	72.2	71.6	71.0	70.5
Agriculture .....	2,449	2,380	2,366	2,392	2,372	2,404	2,386	2,370	2,389	2,429	2,444	2,422	2,407
Nonagricultural industries .....	51,049	50,506	50,452	50,832	51,106	51,357	51,353	50,981	50,696	50,623	50,394	50,168	50,083
Unemployed .....	2,763	3,505	3,776	3,503	3,473	3,462	3,472	4,069	4,473	4,868	5,320	5,829	5,642
Unemployment rate .....	4.9	6.2	6.7	6.2	6.1	6.0	8.1	7.1	7.8	8.4	9.1	10.0	9.7
Not in labor force .....	14,379	14,572	14,720	14,908	14,995	15,029	15,356	15,491	15,647	15,572	15,617	15,685	16,303
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	79,506	79,889	80,266	80,616	80,966	81,312	81,675	82,036	82,368	82,703	83,037	83,348	83,594
Civilian labor force .....	40,751	40,967	41,203	41,512	42,030	42,494	42,491	42,938	43,107	43,602	44,006	44,111	44,195
Percent of population .....	51.3	51.3	51.3	51.5	51.9	52.3	52.0	52.3	52.3	52.7	53.0	52.9	52.9
Employed .....	38,366	38,355	38,500	38,728	39,250	39,682	39,601	39,831	39,842	40,048	40,322	40,150	40,269
Employment-population ratio <sup>2</sup> .....	48.3	48.0	48.0	48.0	48.5	48.8	48.5	48.6	48.4	48.4	48.6	48.2	48.2
Agriculture .....	561	581	582	618	607	595	606	611	624	600	592	599	643
Nonagricultural industries .....	37,825	37,774	37,918	38,110	38,643	39,087	38,995	39,220	39,218	39,448	39,730	39,551	39,626
Unemployed .....	2,365	2,612	2,703	2,784	2,780	2,812	2,890	3,107	3,266	3,554	3,684	3,981	3,926
Unemployment rate .....	5.8	6.4	6.6	6.7	6.6	6.6	6.8	7.2	7.6	8.2	8.4	9.0	8.9
Not in labor force .....	38,755	38,902	39,062	39,104	38,936	38,818	39,184	39,098	39,261	39,101	39,031	39,235	39,399
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	16,616	16,584	16,532	16,442	16,367	16,275	16,171	16,042	15,923	15,825	15,709	15,595	15,477
Civilian labor force .....	9,513	9,400	9,347	9,255	9,239	9,087	8,878	8,757	8,626	8,566	8,466	8,443	8,202
Percent of population .....	57.3	56.7	56.5	56.3	56.4	55.8	54.9	54.6	54.2	54.1	53.9	54.1	53.0
Employed .....	7,953	7,724	7,598	7,563	7,476	7,347	7,160	6,905	6,733	6,619	6,445	6,394	6,332
Employment-population ratio <sup>2</sup> .....	47.9	46.6	46.0	46.0	45.7	45.1	44.4	43.0	42.3	41.8	41.0	41.0	40.9
Agriculture .....	361	376	394	402	393	418	365	346	359	362	377	409	344
Nonagricultural industries .....	7,593	7,347	7,204	7,161	7,083	6,929	6,815	6,559	6,375	6,257	6,069	5,985	5,988
Unemployed .....	1,560	1,676	1,749	1,692	1,763	1,740	1,698	1,852	1,893	1,947	2,020	2,049	1,871
Unemployment rate .....	16.4	17.8	18.7	18.3	19.1	19.1	19.1	21.2	21.9	22.7	23.9	24.3	22.8
Not in labor force .....	7,103	7,184	7,184	7,167	7,126	7,168	7,293	7,285	7,297	7,259	7,243	7,152	7,275

<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-43. 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	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	145,308	145,855	146,439	146,889	147,148	147,671	148,164	148,650	148,943	149,309	149,586	149,927	150,233
Civilian labor force .....	93,341	93,519	93,689	94,016	94,648	95,188	94,986	95,422	95,450	96,170	96,467	96,679	96,053
Percent of population .....	64.2	64.1	64.0	64.0	64.3	64.5	64.1	64.2	64.1	64.4	64.5	64.5	63.9
Employed .....	88,231	87,463	87,312	87,874	88,455	89,021	88,889	88,471	88,064	88,150	87,957	87,452	87,328
Employment-population ratio <sup>2</sup> .....	60.7	60.0	59.8	59.8	60.1	60.3	60.0	59.5	59.1	59.0	58.8	58.3	58.1
Unemployed .....	5,111	6,057	8,377	6,142	6,193	6,167	6,096	6,951	7,386	6,020	8,509	9,227	8,725
Unemployment rate .....	5.5	6.5	6.8	8.5	6.5	6.5	6.4	7.3	7.7	8.3	8.8	9.5	9.1
<b>Men, 20 years and over</b>													
Civilian labor force .....	49,895	50,046	50,131	50,279	50,432	50,730	50,676	50,869	50,889	51,207	51,343	51,531	51,133
Percent of population .....	60.2	60.0	59.7	59.7	59.7	59.8	59.3	59.3	59.1	59.3	59.3	59.3	58.4
Employed .....	47,761	47,270	47,161	47,500	47,897	48,014	48,006	47,664	47,438	47,375	47,145	46,882	46,772
Employment-population ratio <sup>2</sup> .....	78.7	75.6	75.0	75.3	75.4	75.5	75.2	74.3	73.7	73.4	72.8	72.2	71.7
Unemployed .....	2,134	2,776	2,970	2,779	2,735	2,716	2,669	3,205	3,452	3,833	4,198	4,648	4,361
Unemployment rate .....	4.3	5.5	5.9	5.5	5.4	5.4	5.3	6.3	6.8	7.5	8.2	9.0	8.5
<b>Women, 20 years and over</b>													
Civilian labor force .....	34,989	35,134	35,292	35,544	36,025	36,432	36,426	36,797	36,923	37,357	37,695	37,743	37,630
Percent of population .....	50.6	50.6	50.6	50.8	51.3	51.7	51.4	51.7	51.7	52.2	52.5	52.4	52.1
Employed .....	33,198	33,172	33,243	33,486	33,948	34,342	34,319	34,493	34,476	34,689	34,927	34,753	34,751
Employment-population ratio <sup>2</sup> .....	48.0	47.8	47.7	47.8	48.3	48.7	48.5	48.3	48.4	48.4	48.6	48.2	48.1
Unemployed .....	1,791	1,961	2,049	2,057	2,077	2,091	2,107	2,304	2,448	2,668	2,768	2,990	2,880
Unemployment rate .....	5.1	5.6	5.8	5.8	5.8	5.7	5.8	6.3	6.6	7.1	7.3	7.9	7.7
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	8,457	8,340	8,267	8,193	8,190	8,025	7,864	7,756	7,637	7,606	7,429	7,405	7,290
Percent of population .....	60.7	60.0	59.7	59.6	60.0	59.1	58.5	58.0	57.7	57.9	57.1	57.3	58.9
Employed .....	7,272	7,020	6,909	6,887	6,810	6,665	6,564	6,314	6,150	6,086	5,885	5,816	5,805
Employment-population ratio <sup>2</sup> .....	52.2	50.5	49.9	50.1	49.9	49.1	48.7	47.3	48.5	48.3	45.2	45.0	45.3
Unemployed .....	1,186	1,320	1,358	1,306	1,380	1,360	1,320	1,441	1,487	1,520	1,544	1,589	1,485
Unemployment rate .....	14.0	15.8	16.4	15.9	16.9	17.0	16.7	18.6	19.5	20.0	20.8	21.5	20.4
Men .....	13.7	16.6	17.4	17.1	17.8	17.5	17.1	19.2	20.5	21.3	22.4	22.8	21.7
Women .....	14.4	14.9	15.3	14.7	15.8	16.4	16.4	17.8	18.4	18.5	19.0	20.0	18.9
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	17,666	17,769	17,884	17,977	18,078	18,171	18,268	18,363	18,450	18,541	18,628	18,719	18,796
Civilian labor force .....	10,753	10,821	10,933	10,968	11,001	11,104	11,041	11,204	11,210	11,262	11,395	11,465	11,548
Percent of population .....	60.9	60.9	61.1	61.0	60.9	61.1	60.4	61.0	60.8	60.7	61.2	61.2	61.4
Employed .....	9,369	9,271	9,298	9,317	9,385	9,425	9,297	9,314	9,255	9,172	9,201	9,129	9,224
Employment-population ratio <sup>2</sup> .....	53.0	52.2	52.0	51.8	51.9	51.9	50.9	50.7	50.2	49.5	49.4	48.8	49.1
Unemployed .....	1,384	1,550	1,635	1,651	1,618	1,679	1,744	1,891	1,958	2,090	2,194	2,336	2,324
Unemployment rate .....	12.9	14.3	15.0	15.1	14.7	15.1	15.8	18.9	17.4	18.6	19.3	20.4	20.1
<b>Men, 20 years and over</b>													
Civilian labor force .....	5,099	5,116	5,181	5,152	5,164	5,225	5,230	5,281	5,295	5,353	5,380	5,454	5,446
Percent of population .....	75.3	75.1	75.6	74.7	74.4	74.8	74.4	74.6	74.4	74.7	74.7	75.2	74.7
Employed .....	4,581	4,467	4,462	4,503	4,549	4,544	4,517	4,469	4,439	4,438	4,408	4,375	4,408
Employment-population ratio <sup>2</sup> .....	67.4	65.6	65.1	65.3	65.5	65.1	64.3	63.1	62.3	61.9	61.2	60.3	60.5
Unemployed .....	538	649	719	648	615	681	713	811	856	917	973	1,078	1,038
Unemployment rate .....	10.5	12.7	13.9	12.6	11.9	13.0	13.8	15.4	16.2	17.1	18.1	19.8	19.1
<b>Women, 20 years and over</b>													
Civilian labor force .....	4,765	4,815	4,858	4,927	4,948	4,988	4,995	5,071	5,086	5,115	5,176	5,178	5,333
Percent of population .....	55.3	55.5	55.6	56.1	56.0	56.1	55.8	56.3	56.1	56.1	56.4	56.1	57.6
Employed .....	4,258	4,241	4,296	4,276	4,300	4,337	4,312	4,369	4,351	4,335	4,372	4,329	4,392
Employment-population ratio <sup>2</sup> .....	49.4	48.9	49.2	48.7	48.8	48.8	48.2	48.5	48.0	47.5	47.7	46.9	47.4
Unemployed .....	508	574	562	651	648	651	683	701	735	780	804	849	941
Unemployment rate .....	10.7	11.9	11.6	13.2	13.1	13.1	13.7	13.8	14.5	15.2	15.5	16.4	17.6

See footnotes at end of table.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-43. 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	1980				1981				1982				1983
	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 .....	889	890	895	890	889	891	816	853	629	794	838	834	789
Percent of population .....	38.9	38.9	39.0	38.8	38.7	38.9	35.7	37.5	38.8	35.2	37.3	37.2	34.2
Employed .....	551	564	541	538	536	544	468	475	465	401	421	425	424
Employment-population ratio <sup>2</sup> .....	24.1	24.6	23.6	23.5	23.3	23.7	20.5	20.9	20.5	17.8	18.8	19.0	18.9
Unemployed .....	338	326	354	352	353	347	348	378	365	393	417	408	345
Unemployment rate .....	38.1	36.7	39.6	39.6	39.7	39.0	42.6	44.3	44.0	49.5	49.7	49.0	44.9
Men .....	35.5	34.0	39.6	39.9	39.2	39.3	43.1	41.4	42.7	51.1	50.2	51.6	45.2
Women .....	40.7	39.7	39.6	39.1	40.4	38.6	42.1	47.5	45.4	47.7	49.2	48.1	44.4
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	8,495	8,833	9,144	9,132	9,113	9,199	9,383	9,545	9,346	9,320	9,558	9,377	9,416
Civilian labor force .....	5,529	5,648	5,785	5,844	5,925	5,937	5,928	6,097	6,038	5,978	5,993	5,931	6,016
Percent of population .....	65.1	63.9	63.3	64.0	65.0	64.5	63.2	63.9	64.6	64.1	62.7	63.3	63.9
Employed .....	5,025	5,076	5,153	5,250	5,273	5,352	5,346	5,421	5,292	5,183	5,132	5,028	5,061
Employment-population ratio <sup>2</sup> .....	59.2	57.5	56.4	57.5	57.9	58.2	57.0	56.8	56.6	55.6	53.7	53.6	53.7
Unemployed .....	504	572	632	594	651	584	582	676	746	796	861	903	955
Unemployment rate .....	9.1	10.1	10.9	10.2	11.0	9.8	9.8	11.1	12.4	13.3	14.4	15.2	15.9

<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-44. 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	1980				1981				1982				1983	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	
<b>FULL TIME</b>														
<b>Total:</b>														
Civilian labor force .....	90,625	91,187	91,588	91,928	92,456	92,866	92,869	93,497	93,576	94,138	94,535	95,082	94,941	
Employed <sup>1</sup> .....	85,313	84,781	84,735	85,295	85,869	86,323	86,335	85,974	85,520	85,424	85,246	84,964	85,130	
Unemployed .....	5,312	6,406	6,854	6,631	6,586	6,542	6,554	7,523	8,056	8,714	9,289	10,118	9,811	
Unemployment rate .....	5.9	7.0	7.5	7.2	7.1	7.0	7.1	8.0	8.6	9.3	9.8	10.6	10.3	
<b>Men, 20 years and over:</b>														
Civilian labor force .....	53,250	53,508	53,779	53,895	54,009	54,380	54,315	54,554	54,559	54,923	55,082	55,396	54,990	
Employed <sup>1</sup> .....	50,687	50,211	50,176	50,555	50,754	51,126	51,078	50,707	50,339	50,319	50,031	49,811	49,640	
Unemployed .....	2,563	3,297	3,603	3,340	3,256	3,255	3,237	3,848	4,219	4,605	5,051	5,584	5,350	
Unemployment rate .....	4.8	6.2	6.7	6.2	6.0	6.0	6.0	7.1	7.7	8.4	9.2	10.1	9.7	
<b>Women, 20 years and over:</b>														
Civilian labor force .....	32,278	32,643	32,647	33,118	33,578	33,747	33,883	34,300	34,439	34,844	35,158	35,253	35,611	
Employed <sup>1</sup> .....	30,419	30,514	30,609	30,808	31,253	31,453	31,526	31,894	31,716	31,871	32,092	31,911	32,272	
Unemployed .....	1,859	2,129	2,238	2,309	2,325	2,294	2,357	2,606	2,724	2,974	3,066	3,342	3,338	
Unemployment rate .....	5.8	6.5	6.8	7.0	6.9	6.8	7.0	7.6	7.9	8.5	8.7	9.5	9.4	
<b>Both sexes, 16 to 19 years:</b>														
Civilian labor force .....	5,096	5,036	4,962	4,912	4,869	4,738	4,690	4,642	4,578	4,370	4,293	4,433	4,340	
Employed <sup>1</sup> .....	4,206	4,056	3,950	3,931	3,862	3,744	3,731	3,573	3,465	3,234	3,122	3,242	3,217	
Unemployed .....	891	980	1,013	982	1,006	994	980	1,069	1,113	1,135	1,171	1,192	1,122	
Unemployment rate .....	17.5	19.5	20.4	20.0	20.7	21.0	20.5	23.0	24.3	26.0	27.3	26.9	25.9	
<b>PART TIME</b>														
<b>Total:</b>														
Civilian labor force .....	15,829	15,561	15,682	15,537	15,701	15,928	15,768	15,623	15,690	15,964	16,175	15,890	15,589	
Employed <sup>1</sup> .....	14,463	14,191	14,313	14,183	14,278	14,444	14,267	14,117	14,118	14,300	14,442	14,157	13,966	
Unemployed .....	1,366	1,390	1,368	1,353	1,423	1,484	1,501	1,506	1,572	1,664	1,733	1,733	1,623	
Unemployment rate .....	8.6	8.9	8.7	8.7	9.1	9.3	9.5	9.6	10.0	10.4	10.7	10.9	10.4	
<b>Men, 20 years and over:</b>														
Civilian labor force .....	2,959	2,919	2,807	2,852	2,900	2,873	2,863	2,866	2,959	3,026	3,090	3,049	3,095	
Employed <sup>1</sup> .....	2,771	2,715	2,630	2,671	2,697	2,666	2,648	2,649	2,717	2,764	2,820	2,777	2,622	
Unemployed .....	187	204	177	180	202	208	235	237	241	262	270	272	273	
Unemployment rate .....	6.3	7.0	6.3	6.3	7.0	7.2	8.2	8.2	8.2	8.6	8.7	8.9	8.8	
<b>Women, 20 years and over:</b>														
Civilian labor force .....	8,469	8,301	8,405	8,365	8,451	8,725	8,663	8,810	8,667	8,732	8,904	8,823	8,602	
Employed <sup>1</sup> .....	7,958	7,817	7,948	7,897	7,985	8,204	8,130	8,117	8,116	8,154	8,282	8,213	8,001	
Unemployed .....	511	485	457	468	465	521	533	492	551	578	623	610	601	
Unemployment rate .....	6.0	5.8	5.4	5.6	5.5	6.0	6.2	5.7	6.4	6.6	7.0	6.9	7.0	
<b>Both sexes, 16 to 19 years:</b>														
Civilian labor force .....	4,401	4,360	4,470	4,320	4,351	4,329	4,223	4,127	4,064	4,206	4,161	4,018	3,892	
Employed <sup>1</sup> .....	3,733	3,659	3,736	3,615	3,595	3,574	3,490	3,350	3,284	3,361	3,340	3,167	3,143	
Unemployed .....	666	701	734	705	756	756	733	777	780	825	841	851	749	
Unemployment rate .....	15.2	16.1	16.4	16.3	17.4	17.5	17.4	18.8	19.2	19.6	20.1	21.2	19.2	

<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-45. Employed civilians by selected social and economic categories, seasonally adjusted**

(In thousands)

Category	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>CHARACTERISTIC</b>													
Total .....	99,837	98,965	98,916	99,515	100,204	100,789	100,520	100,087	99,660	99,720	99,605	99,135	99,090
Married men, spouse present .....	39,515	38,925	38,656	38,928	39,029	39,065	38,864	38,571	38,286	38,247	38,099	37,667	37,443
Married women, spouse present .....	23,603	23,505	23,455	23,574	23,890	24,066	23,896	23,825	23,848	24,111	24,189	24,074	24,149
Women who maintain families .....	4,765	4,750	4,785	4,820	4,919	5,028	4,979	5,065	5,115	5,068	5,175	5,039	5,062
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>													
<b>Agriculture:</b>													
Wage and salary workers .....	1,474	1,430	1,380	1,434	1,439	1,509	1,472	1,426	1,420	1,476	1,538	1,569	1,592
Self-employed workers .....	1,629	1,622	1,660	1,655	1,643	1,650	1,625	1,634	1,640	1,665	1,615	1,625	1,571
Unpaid family workers .....	276	291	302	315	283	265	253	271	317	257	254	231	238
<b>Nonagricultural industries:</b>													
Wage and salary workers .....	89,074	88,292	88,195	88,610	89,310	89,919	89,712	89,242	88,716	88,625	88,543	87,992	87,840
Government .....	15,794	15,981	15,945	15,943	15,925	15,794	15,541	15,500	15,517	15,511	15,571	15,476	15,447
Private industries .....	73,280	72,311	72,251	72,667	73,385	74,125	74,171	73,743	73,198	73,114	72,972	72,516	72,393
Private households .....	1,177	1,211	1,207	1,172	1,218	1,210	1,186	1,222	1,213	1,202	1,216	1,200	1,210
Other industries .....	72,104	71,100	71,044	71,494	72,167	72,915	72,985	72,521	71,986	71,912	71,756	71,316	71,183
Self-employed workers .....	6,979	6,883	7,024	7,110	7,081	7,070	7,111	7,120	7,084	7,270	7,349	7,339	7,434
Unpaid family workers .....	404	420	420	405	395	354	393	422	419	400	393	389	358
<b>PERSONS AT WORK<sup>1</sup></b>													
Nonagricultural industries .....	90,657	89,862	89,738	90,562	91,407	91,414	91,550	91,243	90,582	90,918	90,595	90,230	90,460
Full-time schedules .....	74,395	73,164	72,910	73,885	74,490	74,592	74,555	73,756	72,880	72,659	72,019	71,445	71,743
Part time for economic reasons .....	3,531	4,166	4,312	4,212	4,290	4,160	4,497	5,093	5,389	5,661	5,964	6,413	8,510
Usually work full time .....	1,501	1,873	1,819	1,662	1,657	1,574	1,731	2,019	2,050	2,173	2,222	2,254	2,075
Usually work part time .....	2,030	2,293	2,494	2,550	2,634	2,586	2,766	3,074	3,339	3,508	3,742	4,159	4,435
Part time for noneconomic reasons .....	12,731	12,532	12,516	12,465	12,627	12,662	12,498	12,394	12,313	12,579	12,612	12,372	12,208

<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-46. Employed civilians by sex and age, seasonally adjusted**

(In thousands)

Sex and age	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>Total, 16 years and over .....</b>	99,837	98,965	98,916	99,515	100,204	100,789	100,520	100,087	99,660	99,720	99,805	99,135	99,090
16 to 24 years .....	22,210	21,749	21,585	21,664	21,650	21,496	21,342	20,905	20,556	20,390	20,087	19,919	19,827
16 to 19 years .....	7,953	7,724	7,598	7,563	7,476	7,347	7,180	6,905	6,733	6,619	6,445	6,394	6,332
16 to 17 years .....	3,241	3,120	3,055	3,008	2,982	2,895	2,856	2,735	2,664	2,547	2,406	2,402	2,369
18 to 19 years .....	4,722	4,599	4,546	4,552	4,489	4,449	4,317	4,180	4,077	4,072	4,041	3,985	3,975
20 to 24 years .....	14,256	14,025	13,986	14,101	14,174	14,149	14,162	14,000	13,823	13,771	13,642	13,524	13,495
25 years and over .....	77,616	77,216	77,366	77,836	78,540	79,285	79,215	79,164	79,084	79,319	79,570	79,199	79,263
25 to 54 years .....	62,957	62,665	62,840	63,383	64,013	64,689	64,814	64,805	64,773	64,955	65,188	64,899	65,030
55 years and over .....	14,655	14,533	14,553	14,448	14,509	14,591	14,426	14,357	14,277	14,368	14,410	14,292	14,183
<b>Men, 18 years and over .....</b>	57,757	57,006	56,813	57,187	57,417	57,630	57,519	57,022	56,812	56,472	56,119	55,878	55,743
16 to 24 years .....	11,972	11,645	11,419	11,450	11,467	11,389	11,345	11,068	10,822	10,656	10,444	10,384	10,308
18 to 19 years .....	4,259	4,120	3,996	3,963	3,939	3,870	3,780	3,670	3,527	3,420	3,282	3,287	3,254
16 to 17 years .....	1,775	1,686	1,627	1,603	1,586	1,515	1,524	1,481	1,414	1,349	1,224	1,240	1,256
18 to 19 years .....	2,491	2,430	2,375	2,354	2,352	2,354	2,257	2,193	2,116	2,071	2,063	2,039	2,012
20 to 24 years .....	7,713	7,525	7,423	7,487	7,528	7,519	7,565	7,397	7,295	7,236	7,163	7,097	7,054
25 years and over .....	45,779	45,365	45,413	45,729	45,939	46,242	46,187	45,944	45,777	45,821	45,893	45,483	45,439
25 to 54 years .....	36,868	36,549	36,600	36,925	37,131	37,472	37,500	37,319	37,198	37,235	37,134	36,985	37,005
55 years and over .....	8,913	8,826	8,814	8,790	8,808	8,785	8,864	8,614	8,572	8,605	8,581	8,488	8,420
<b>Women, 16 years and over .....</b>	42,080	41,959	42,103	42,328	42,787	43,159	43,001	43,065	43,048	43,247	43,485	43,257	43,346
18 to 24 years .....	10,238	10,104	10,166	10,214	10,183	10,107	9,997	9,837	9,734	9,735	9,643	9,534	9,519
16 to 19 years .....	3,694	3,604	3,603	3,600	3,537	3,477	3,400	3,235	3,206	3,199	3,164	3,107	3,077
16 to 17 years .....	1,466	1,434	1,427	1,405	1,396	1,380	1,332	1,254	1,250	1,199	1,182	1,162	1,113
18 to 19 years .....	2,230	2,169	2,171	2,198	2,137	2,095	2,060	1,987	1,981	2,001	1,978	1,946	1,963
20 to 24 years .....	6,544	6,500	6,563	6,614	6,647	6,630	6,597	6,603	6,528	6,536	6,479	6,427	6,442
25 years and over .....	31,837	31,851	31,953	32,107	32,601	33,044	33,028	33,220	33,307	33,499	33,877	33,717	33,824
25 to 54 years .....	26,089	26,116	26,240	26,458	26,882	27,217	27,314	27,486	27,575	27,720	28,054	27,914	28,025
55 years and over .....	5,742	5,707	5,739	5,659	5,701	5,806	5,742	5,743	5,706	5,762	5,849	5,804	5,763

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-47. Unemployed persons by sex and age, seasonally adjusted**

(In thousands)

Sex and age	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over .....	6,688	7,794	6,228	7,979	8,016	8,013	8,059	9,029	9,632	10,369	11,025	11,839	11,439
16 to 24 years .....	3,156	3,580	3,702	3,808	3,668	3,723	3,630	3,940	4,130	4,284	4,448	4,635	4,427
16 to 19 years .....	1,560	1,676	1,749	1,692	1,763	1,740	1,698	1,852	1,893	1,947	2,020	2,049	1,871
16 to 17 years .....	743	771	814	783	814	800	737	772	786	822	847	870	758
18 to 19 years .....	819	909	929	908	952	945	953	1,078	1,112	1,131	1,164	1,176	1,119
20 to 24 years .....	1,596	1,904	1,953	1,916	1,905	1,984	1,932	2,088	2,237	2,337	2,428	2,586	2,556
25 years and over .....	3,540	4,218	4,522	4,359	4,362	4,295	4,415	5,078	5,520	6,095	6,558	7,198	7,028
25 to 54 years .....	3,081	3,712	4,017	3,850	3,817	3,786	3,869	4,487	4,850	5,340	5,804	6,339	6,203
55 years and over .....	455	500	520	510	535	503	547	590	652	749	793	860	806
Men, 16 years and over .....	3,564	4,427	4,752	4,460	4,454	4,411	4,390	5,071	5,510	5,951	6,427	6,965	6,884
16 to 24 years .....	1,708	2,052	2,151	2,077	2,090	2,106	2,008	2,224	2,352	2,447	2,542	2,667	2,523
16 to 19 years .....	801	922	976	957	981	950	918	1,001	1,036	1,083	1,107	1,136	1,042
16 to 17 years .....	390	430	456	441	453	448	402	421	438	462	477	498	411
18 to 19 years .....	413	494	516	516	530	505	511	580	600	624	625	637	632
20 to 24 years .....	907	1,130	1,175	1,120	1,109	1,156	1,090	1,223	1,316	1,364	1,435	1,531	1,482
25 years and over .....	1,862	2,372	2,605	2,374	2,373	2,307	2,378	2,840	3,168	3,505	3,877	4,298	4,189
25 to 54 years .....	1,577	2,054	2,288	2,086	2,054	2,005	2,080	2,496	2,747	3,059	3,428	3,755	3,824
55 years and over .....	275	312	333	299	303	299	315	355	397	442	477	558	515
Women, 16 years and over .....	3,124	3,367	3,476	3,519	3,562	3,602	3,670	3,958	4,122	4,418	4,597	4,874	4,755
16 to 24 years .....	1,449	1,528	1,551	1,531	1,578	1,617	1,822	1,716	1,777	1,837	1,906	1,968	1,904
16 to 19 years .....	759	754	773	735	782	790	780	851	857	864	913	913	829
16 to 17 years .....	353	341	359	342	381	353	335	351	348	360	370	372	345
18 to 19 years .....	407	415	413	393	422	439	442	499	512	507	539	538	487
20 to 24 years .....	689	774	778	796	798	827	842	865	921	973	993	1,055	1,075
25 years and over .....	1,678	1,844	1,917	1,984	1,989	1,988	2,038	2,238	2,351	2,590	2,681	2,900	2,859
25 to 54 years .....	1,504	1,858	1,729	1,764	1,763	1,782	1,808	1,991	2,103	2,281	2,376	2,584	2,579
55 years and over .....	180	188	187	211	232	204	232	236	254	307	316	301	290

**A-48. Unemployment rates by sex and age, seasonally adjusted**

(Civilian workers)

Sex and age	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over .....	6.3	7.3	7.7	7.4	7.4	7.4	7.4	8.3	8.8	9.4	10.0	10.7	10.3
16 to 24 years .....	12.4	14.1	14.6	14.3	14.5	14.8	14.5	15.9	16.7	17.4	18.1	18.9	18.3
16 to 19 years .....	18.4	17.8	18.7	18.3	19.1	19.1	19.1	21.2	21.9	22.7	23.9	24.3	22.8
16 to 17 years .....	18.7	19.8	21.0	20.6	21.4	21.7	20.5	22.0	22.8	24.4	26.0	26.8	24.2
18 to 19 years .....	14.8	18.5	17.0	16.8	17.5	17.5	18.1	20.5	21.4	21.7	22.4	22.8	22.0
20 to 24 years .....	10.1	12.0	12.3	12.0	11.8	12.3	12.0	13.0	13.9	14.5	15.1	18.1	15.9
25 years and over .....	4.4	5.2	5.5	5.3	5.3	5.1	5.3	6.0	6.5	7.1	7.6	8.3	8.1
25 to 54 years .....	4.7	5.6	6.0	5.7	5.6	5.5	5.7	6.5	7.0	7.6	8.2	8.9	8.7
55 years and over .....	3.0	3.3	3.5	3.4	3.6	3.3	3.7	3.9	4.4	5.0	5.2	5.7	5.4
Men, 16 years and over .....	5.8	7.2	7.7	7.2	7.2	7.1	7.1	8.2	8.9	9.5	10.3	11.1	10.7
16 to 24 years .....	12.5	15.0	15.8	15.4	15.4	15.8	15.0	16.7	17.9	18.7	19.6	20.4	19.7
16 to 19 years .....	15.8	18.3	19.6	19.4	19.9	19.7	19.5	21.4	22.7	24.1	25.2	25.7	24.2
16 to 17 years .....	18.0	20.3	21.9	21.8	22.2	22.8	20.9	22.1	23.7	25.5	28.1	28.7	24.7
18 to 19 years .....	14.2	16.9	17.9	16.0	16.4	17.7	18.5	20.9	22.1	23.2	23.3	23.8	23.9
20 to 24 years .....	10.5	13.1	13.7	13.0	12.8	13.3	12.6	14.2	15.3	15.9	16.7	17.7	17.4
25 years and over .....	3.9	5.0	5.4	4.9	4.9	4.8	4.9	5.8	6.5	7.1	7.8	8.6	8.4
25 to 54 years .....	4.1	5.3	5.9	5.3	5.2	5.1	5.3	6.3	6.9	7.8	8.5	9.2	8.9
55 years and over .....	3.0	3.4	3.6	3.3	3.3	3.3	3.5	4.0	4.4	4.9	5.3	6.2	5.8
Women, 16 years and over .....	6.9	7.4	7.6	7.7	7.7	7.7	7.9	8.4	8.7	9.3	9.8	10.1	9.9
16 to 24 years .....	12.4	13.1	13.2	13.0	13.4	13.8	14.0	14.9	15.4	15.9	16.5	17.1	16.7
16 to 19 years .....	17.0	17.3	17.7	17.0	18.1	18.5	18.7	20.8	21.1	21.3	22.4	22.7	21.2
16 to 17 years .....	19.4	19.2	20.1	19.8	20.5	20.4	20.1	21.9	21.8	23.1	23.8	24.3	23.7
18 to 19 years .....	15.4	18.1	16.0	15.2	16.5	17.3	17.7	20.1	20.7	20.2	21.4	21.7	19.9
20 to 24 years .....	9.5	10.6	10.6	10.7	10.7	11.1	11.3	11.8	12.4	13.0	13.3	14.1	14.3
25 years and over .....	5.0	5.5	5.7	5.8	5.8	5.7	5.8	6.3	6.6	7.2	7.3	7.9	7.8
25 to 54 years .....	5.5	6.0	6.2	6.2	6.2	6.1	6.2	6.8	7.1	7.8	7.8	8.5	8.4
55 years and over .....	3.0	3.2	3.2	3.6	3.9	3.4	3.9	3.9	4.3	5.1	5.1	4.9	4.8

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-49. Selected unemployment indicators, seasonally adjusted**

(Unemployment rates)

Category	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>CHARACTERISTIC</b>													
Total (all civilian workers) .....	6.3	7.3	7.7	7.4	7.4	7.4	7.4	8.3	8.8	9.4	10.0	10.7	10.3
Men, 20 years and over .....	4.9	6.2	6.7	6.2	6.1	6.0	6.1	7.1	7.8	8.4	9.1	10.0	9.7
Women, 20 years and over .....	5.8	6.4	6.6	6.7	6.6	6.6	6.8	7.2	7.6	8.2	8.4	9.0	8.9
Both sexes, 16 to 19 years .....	16.4	17.8	18.7	18.3	19.1	19.1	19.1	21.2	21.9	22.7	23.9	24.3	22.8
White .....	5.5	6.5	6.8	6.5	6.5	6.5	6.4	7.3	7.7	8.3	8.8	9.5	9.1
Black and other .....	11.9	13.2	13.7	13.7	13.3	13.7	14.4	15.3	16.0	17.0	17.7	18.6	18.5
Black .....	12.9	14.3	15.0	15.1	14.7	15.1	15.8	16.9	17.4	18.6	19.3	20.4	20.1
Hispanic origin .....	9.1	10.1	10.9	10.2	11.0	9.8	9.8	11.1	12.4	13.3	14.4	15.2	15.9
Married men, spouse present .....	3.4	4.4	4.8	4.3	4.2	4.0	4.1	5.1	5.4	6.2	6.9	7.6	7.1
Married women, spouse present .....	5.3	5.9	8.1	5.9	5.9	5.7	5.8	8.4	6.7	7.3	7.4	8.1	7.6
Women who maintain families .....	8.8	8.6	9.1	10.0	10.0	10.3	10.7	10.6	10.6	11.8	12.0	12.3	13.2
Full-time workers .....	5.9	7.0	7.5	7.2	7.1	7.0	7.1	8.0	8.6	9.3	9.8	10.6	10.3
Part-time workers .....	8.6	8.9	8.7	8.7	9.1	9.3	9.5	9.6	10.0	10.4	10.7	10.9	10.4
Unemployed 15 weeks and over <sup>1</sup> .....	1.3	1.6	2.0	2.2	2.2	2.1	2.0	2.2	2.5	3.0	3.3	4.0	4.2
Labor force time lost <sup>2</sup> .....	6.8	8.0	8.3	8.3	8.3	8.2	8.2	9.5	10.0	10.5	11.1	12.4	11.8
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	6.3	7.6	8.0	7.7	7.5	7.4	7.5	8.5	9.1	9.9	10.4	11.4	10.8
Mining .....	5.1	6.1	6.7	6.3	5.7	5.6	5.6	7.2	8.5	12.2	16.7	18.0	18.0
Construction .....	12.0	15.4	16.0	14.1	14.1	15.5	15.8	17.6	18.4	19.2	20.9	22.1	20.0
Manufacturing .....	6.6	9.0	9.4	8.9	8.4	7.6	7.5	9.6	10.5	11.7	12.7	14.6	13.0
Durable goods .....	6.7	9.8	10.2	9.1	8.3	7.3	7.2	9.8	11.0	12.4	13.7	16.7	14.5
Nondurable goods .....	6.9	7.9	8.3	8.6	8.4	8.1	7.9	9.2	9.9	10.7	11.3	11.4	11.0
Transportation and public utilities .....	4.2	4.9	5.8	5.1	5.7	5.3	4.6	5.4	5.9	6.6	7.0	6.1	7.9
Wholesale and retail trade .....	6.6	7.4	7.7	8.0	7.7	7.7	8.2	8.7	9.3	10.0	10.1	10.7	11.0
Finance and service industries .....	4.8	5.4	5.6	5.5	5.7	5.8	5.8	6.2	6.4	6.9	7.0	7.6	7.4
Agricultural wage and salary workers .....	10.0	11.2	11.9	10.7	11.8	11.0	11.6	13.9	14.3	16.0	13.9	15.1	16.2

<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-50. Unemployed persons by duration of unemployment, seasonally adjusted**

(Numbers in thousands)

Weeks of unemployment	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>DURATION</b>													
Less than 5 weeks .....	3,134	3,502	3,350	3,189	3,280	3,297	3,391	3,852	3,823	3,802	3,965	3,971	3,569
5 to 14 weeks .....	2,169	2,616	2,696	2,446	2,381	2,471	2,469	2,651	3,082	3,311	3,381	3,507	3,191
15 weeks and over .....	1,389	1,735	2,142	2,356	2,336	2,242	2,205	2,352	2,705	3,288	3,687	4,474	4,622
15 to 26 weeks .....	829	1,006	1,221	1,241	1,092	1,101	1,093	1,204	1,431	1,633	1,806	2,089	1,911
27 weeks and over .....	560	729	921	1,115	1,244	1,141	1,112	1,149	1,274	1,655	1,881	2,385	2,712
Average (mean) duration, in weeks .....	10.7	11.2	12.4	13.5	14.1	13.8	14.0	13.2	13.6	15.2	16.1	17.5	19.2
Median duration, in weeks .....	5.7	6.0	7.3	7.5	7.2	7.1	6.9	6.8	7.5	6.9	6.7	9.9	10.5
<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 .....	46.8	44.6	40.9	39.9	41.0	41.2	42.0	42.5	39.8	36.6	35.9	33.2	31.4
5 to 14 weeks .....	32.4	33.3	32.9	30.6	29.8	30.9	30.6	31.5	32.1	31.8	30.6	29.3	28.0
15 weeks and over .....	20.8	22.1	26.2	29.5	29.2	28.0	27.3	26.0	28.1	31.6	33.4	37.4	40.6
15 to 26 weeks .....	12.4	12.6	14.9	15.5	13.7	13.7	13.6	13.3	14.9	15.7	16.4	17.5	16.8
27 weeks and over .....	8.4	9.3	11.2	13.9	15.6	14.2	13.8	12.7	13.3	15.9	17.1	20.0	23.8

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-51. Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reasons for unemployment	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	3,174	4,088	4,500	4,231	4,036	4,032	4,171	4,859	5,372	6,003	6,583	7,330	6,779
On layoff .....	1,135	1,692	1,816	1,488	1,325	1,324	1,330	1,770	1,829	2,007	2,323	2,506	2,033
Other job losers .....	2,040	2,375	2,683	2,743	2,711	2,707	2,841	3,089	3,543	3,996	4,260	4,824	4,745
Job leavers .....	639	926	908	889	911	923	920	937	890	864	806	806	863
Reentrants .....	1,849	1,932	1,944	1,984	2,065	2,046	2,047	2,255	2,222	2,371	2,452	2,499	2,513
New entrants .....	833	847	899	911	988	977	944	1,015	1,071	1,115	1,279	1,276	1,163
<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 .....	47.4	52.3	54.5	52.8	50.5	50.5	51.6	53.6	56.2	58.0	59.2	61.5	59.9
On layoff .....	18.9	21.8	22.0	18.6	16.6	16.6	16.5	19.5	19.1	19.4	20.9	21.0	18.0
Other job losers .....	30.5	30.6	32.5	34.2	33.9	33.9	35.1	34.1	37.1	38.6	38.3	40.5	41.9
Job leavers .....	12.5	11.9	11.0	11.1	11.4	11.6	11.4	10.3	9.3	8.3	7.3	6.8	7.6
Reentrants .....	27.8	24.9	23.6	24.8	25.8	25.7	25.3	24.9	23.3	22.9	22.0	21.0	22.2
New entrants .....	12.4	10.9	10.9	11.4	12.3	12.2	11.7	11.2	11.2	10.8	11.5	10.7	10.3
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	3.0	3.8	4.2	3.9	3.7	3.7	3.8	4.5	4.9	5.5	6.0	6.6	6.1
Job leavers .....	.8	.9	.8	.8	.8	.8	.8	.9	.8	.8	.7	.7	.8
Reentrants .....	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.1	2.0	2.2	2.2	2.3	2.3
New entrants .....	.8	.8	.8	.8	.9	.9	.9	.9	1.0	1.0	1.2	1.1	1.1



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-52. Persons not in the labor force by reason, sex, and race, seasonally adjusted**

(In thousands)

Reason, sex, and race	1980				1981				1982				1983
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>TOTAL</b>													
Total not in labor force .....	60,237	60,657	60,967	61,200	61,060	61,035	61,833	61,674	62,205	61,932	61,893	62,072	62,977
Do not want a job now .....	54,814	55,105	55,464	55,551	55,221	55,586	56,064	55,922	56,016	55,678	55,258	55,322	56,171
Current activity:													
Going to school .....	6,272	6,362	6,734	6,335	6,337	6,588	6,516	6,485	6,368	6,748	6,309	6,400	6,635
Ill, disabled .....	4,756	4,547	4,190	4,337	4,198	4,265	4,345	4,270	4,055	4,069	4,040	3,978	3,946
Keeping house .....	28,952	29,336	29,329	29,474	28,817	28,812	28,977	28,533	28,982	28,325	28,212	28,127	28,432
Retired .....	10,811	10,752	11,136	11,170	11,515	11,771	11,901	12,108	12,104	12,206	12,442	12,576	13,025
Other activity .....	4,023	4,109	4,076	4,236	4,354	4,150	4,325	4,526	4,507	4,333	4,254	4,241	4,132
Want a job now .....	5,601	5,594	5,891	5,724	5,918	5,679	5,716	6,037	6,132	6,589	6,866	6,995	6,406
Reason not looking:													
School attendance .....	1,486	1,491	1,644	1,524	1,559	1,544	1,536	1,591	1,820	1,708	1,803	1,887	1,629
Ill health, disability .....	771	747	801	712	800	731	704	834	764	779	778	758	649
Home responsibilities .....	1,336	1,218	1,287	1,219	1,293	1,276	1,183	1,386	1,353	1,480	1,370	1,373	1,384
Think cannot get a job .....	949	950	1,014	1,061	1,094	1,042	1,108	1,191	1,331	1,487	1,638	1,849	1,764
Job-market factors .....	593	851	693	726	825	725	812	890	1,045	1,082	1,222	1,391	1,442
Personal factors .....	356	298	321	335	269	317	296	301	286	405	416	458	322
Other reasons <sup>1</sup> .....	1,058	1,190	1,145	1,208	1,172	1,086	1,185	1,035	1,063	1,135	1,078	1,128	980
<b>Men</b>													
Total not in labor force .....	17,612	17,811	18,004	18,196	18,240	18,334	18,733	18,825	19,030	18,976	19,082	19,069	19,764
Do not want a job now .....	15,959	15,993	16,150	16,384	16,331	16,613	16,875	16,883	16,827	16,972	16,939	16,893	17,250
Want a job now .....	1,743	1,845	1,956	1,853	1,934	1,867	1,830	2,014	2,074	2,166	2,298	2,390	2,187
Reason not looking:													
School attendance .....	712	770	860	754	797	771	731	801	879	899	964	1,022	868
Ill health, disability .....	324	352	362	294	376	334	318	409	322	334	342	299	285
Think cannot get a job .....	354	328	386	367	373	412	389	439	509	577	595	690	707
Other reasons <sup>1</sup> .....	353	395	349	438	388	351	392	366	363	356	397	380	327
<b>Women</b>													
Total not in labor force .....	42,624	42,846	42,962	43,004	42,819	42,701	43,100	43,049	43,175	42,956	42,810	43,002	43,213
Do not want a job now .....	38,855	39,112	39,314	39,167	38,890	38,973	39,189	39,039	39,190	38,706	38,319	38,429	38,921
Want a job now .....	3,858	3,750	3,935	3,871	3,984	3,812	3,886	4,023	4,058	4,423	4,369	4,805	4,219
Reason not looking:													
School attendance .....	774	721	785	770	762	773	805	791	741	809	839	866	761
Ill health, disability .....	447	394	440	418	424	397	387	425	442	445	436	459	364
Home responsibilities .....	1,336	1,218	1,287	1,219	1,293	1,276	1,183	1,386	1,353	1,480	1,370	1,373	1,384
Think cannot get a job .....	595	622	627	695	722	630	718	751	822	911	1,043	1,159	1,057
Other reasons <sup>1</sup> .....	705	795	796	770	784	735	793	670	700	778	681	748	653
<b>White</b>													
Total not in labor force .....	51,967	52,336	52,750	52,873	52,500	52,483	53,178	53,228	53,493	53,139	53,119	53,248	54,180
Do not want a job now .....	47,834	48,218	48,505	48,858	48,184	48,418	48,943	48,839	48,970	48,535	48,431	48,444	49,178
Want a job now .....	4,297	4,187	4,217	4,178	4,347	4,117	4,104	4,400	4,417	4,707	4,772	4,972	4,675
Reason not looking:													
School attendance .....	1,067	1,101	1,097	1,075	1,112	1,050	984	1,163	1,171	1,202	1,226	1,320	1,194
Ill health, disability .....	567	550	539	495	580	519	501	561	525	556	549	505	471
Home responsibilities .....	1,096	952	986	931	950	978	869	1,040	992	1,039	1,043	1,029	1,043
Think cannot get a job .....	677	636	698	661	750	705	747	800	875	995	1,072	1,247	1,193
Other reasons <sup>1</sup> .....	889	948	897	997	955	866	1,003	836	853	914	882	871	773
<b>Black</b>													
Total not in labor force .....	6,913	6,948	6,951	7,009	7,075	7,067	7,227	7,159	7,240	7,279	7,233	7,254	7,248
Do not want a job now .....	5,739	5,704	5,603	5,662	5,666	5,666	5,875	5,757	5,831	5,598	5,594	5,549	5,662
Want a job now .....	1,188	1,240	1,360	1,353	1,409	1,393	1,407	1,410	1,604	1,678	1,631	1,763	1,595
Reason not looking:													
School attendance .....	344	321	368	393	381	410	434	368	398	416	442	505	400
Ill health, disability .....	213	203	218	182	215	214	192	233	230	222	215	221	168
Home responsibilities .....	257	263	297	283	295	272	286	309	321	387	295	316	317
Think cannot get a job .....	245	276	273	307	330	316	326	339	455	449	502	529	543
Other reasons <sup>1</sup> .....	130	176	204	189	189	181	170	161	200	204	177	190	168

<sup>1</sup> Includes small number of men not looking for work because of "home responsibilities."

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-53. Persons not in the labor force by reason, sex, and age**

(In thousands)

Reason and sex	Total		Age							
	1982	1983	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			1982	1983	1982	1983	1982	1983	1982	1983
<b>TOTAL</b>										
Total not in labor force .....	63,131	63,739	8,060	8,032	5,083	5,052	21,944	22,120	28,045	28,535
Do not want a job now .....	56,636	56,940	6,285	6,259	4,064	3,949	18,875	18,704	27,410	28,026
Current activity:										
Going to school .....	7,973	8,290	5,362	5,554	1,873	1,885	729	828	9	22
Ill, disabled .....	4,009	3,902	39	30	123	111	1,980	1,933	1,866	1,828
Keeping house .....	28,719	28,183	463	369	1,549	1,501	13,737	13,539	12,970	12,773
Retired .....	12,127	13,058	-	-	-	-	292	330	11,835	12,728
Other activity .....	3,807	3,507	421	306	519	452	2,137	2,074	730	875
Want a job now .....	6,495	8,799	1,774	1,772	1,015	1,102	2,838	3,416	634	507
Reason for not looking:										
School attendance .....	1,926	1,932	1,400	1,387	302	297	218	241	6	7
Ill health, disability .....	822	703	31	18	52	48	555	508	185	129
Home responsibilities .....	1,329	1,360	93	84	306	306	889	934	40	35
Think cannot get a job .....	1,409	1,872	160	186	200	335	819	1,145	230	205
Job-market factors .....	1,084	1,498	133	131	158	294	859	957	135	118
Personal factors .....	326	373	27	55	43	42	160	189	96	86
Other reasons <sup>1</sup> .....	1,008	932	90	97	155	116	592	588	173	131
<b>Men</b>										
Total not in labor force .....	19,818	20,186	3,790	3,856	1,661	1,726	3,608	3,827	10,557	10,776
Do not want a job now .....	17,315	17,769	2,862	2,931	1,321	1,321	2,907	2,990	10,221	10,531
Current activity:										
Going to school .....	3,938	4,122	2,630	2,742	970	969	334	405	1	8
Ill, disabled .....	2,191	2,057	21	16	68	86	1,142	1,080	960	877
Keeping house .....	283	266	11	9	5	6	82	78	184	175
Retired .....	8,793	9,240	-	-	-	-	237	289	8,557	8,950
Other activity .....	2,110	2,084	200	184	278	260	1,112	1,140	519	521
Want a job now .....	2,300	2,417	927	924	333	407	707	817	336	240
Reason for not looking:										
School attendance .....	1,060	1,046	777	769	160	184	101	90	4	2
Ill health, disability .....	348	309	14	9	23	23	219	225	92	51
Think cannot get a job .....	546	754	88	113	81	162	282	357	117	122
Other reasons <sup>1</sup> .....	348	308	50	33	49	38	125	145	123	65
<b>Women</b>										
Total not in labor force .....	43,515	43,553	4,289	4,176	3,422	3,326	18,336	18,293	17,488	17,758
Do not want a job now .....	39,320	39,171	3,423	3,331	2,740	2,630	15,966	15,715	17,190	17,494
Current activity:										
Going to school .....	4,035	4,168	2,732	2,813	901	917	395	423	8	14
Ill, disabled .....	1,818	1,844	18	18	55	25	837	853	906	950
Keeping house .....	28,436	27,918	452	360	1,543	1,496	13,857	13,464	12,786	12,599
Retired .....	3,334	3,818	-	-	-	-	55	41	3,278	3,777
Other activity .....	1,697	1,423	221	142	241	192	1,024	934	212	154
Want a job now .....	4,194	4,381	847	845	683	694	2,367	2,578	297	262
Reason not looking:										
School attendance .....	866	886	623	616	123	112	118	151	1	5
Ill health, disability .....	474	394	17	8	29	25	336	262	93	79
Home responsibilities .....	1,329	1,360	93	64	306	306	869	934	40	35
Think cannot get a job .....	863	1,117	74	73	119	173	556	787	113	83
Other reasons <sup>1</sup> .....	662	624	40	62	106	78	488	422	50	60

<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-53 and A-54 may not add to not-in-labor-

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
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**A-54. Persons not in the labor force by reason, race, Hispanic origin, age, and sex**

(In thousands)

Reason, race, and Hispanic origin	Total		Age						Sex			
	1982	1983	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
<b>WHITE</b>												
Total not in labor force .....	54,230	54,733	10,243	10,153	18,878	18,863	25,309	25,717	16,535	17,026	37,695	37,707
Do not want a job now .....	49,605	49,816	8,342	8,136	16,473	16,357	24,790	25,324	14,856	15,316	34,750	34,500
Current activity:												
Going to school .....	6,461	6,607	5,894	5,922	562	667	8	19	3,204	3,313	3,257	3,294
Ill, disabled .....	3,270	3,170	110	97	1,590	1,553	1,568	1,521	1,794	1,693	1,476	1,477
Keeping house .....	25,886	25,433	1,678	1,541	12,327	12,150	11,880	11,740	219	224	25,667	25,209
Retired .....	10,944	11,741	-	-	274	309	10,669	11,434	7,995	8,403	2,949	3,338
Other activity .....	3,045	2,865	660	576	1,720	1,678	1,065	610	1,644	1,683	1,401	1,182
Want a job now .....	4,624	4,916	1,897	2,014	2,213	2,504	522	397	1,679	1,710	2,945	3,206
Reason for not looking:												
School attendance .....	1,357	1,384	1,205	1,209	149	170	3	5	784	750	573	634
Ill health, disability .....	543	487	46	55	370	335	130	96	248	232	294	255
Home responsibilities .....	969	1,019	245	262	695	727	29	31	-	-	969	1,019
Think cannot get a job .....	939	1,284	218	313	528	806	195	164	360	504	579	780
Other reasons <sup>1</sup> .....	815	742	163	175	471	466	165	101	287	224	529	518
<b>BLACK</b>												
Total not in labor force .....	7,402	7,403	2,433	2,429	2,594	2,556	2,375	2,418	2,557	2,582	4,846	4,821
Do not want a job now .....	5,727	5,754	1,621	1,661	1,829	1,770	2,277	2,322	2,004	1,982	3,723	3,772
Current activity:												
Going to school .....	1,115	1,283	1,034	1,202	82	77	-	4	514	579	602	704
Ill, disabled .....	678	659	48	43	354	330	275	286	357	334	321	326
Keeping house .....	2,260	2,138	288	259	1,024	993	949	884	83	37	2,197	2,100
Retired .....	1,030	1,114	-	-	14	16	1,017	1,099	678	688	354	426
Other activity .....	644	560	251	157	355	354	36	49	394	344	249	216
Want a job now .....	1,675	1,649	813	768	762	787	99	95	553	598	1,122	1,049
Reason for not looking:												
School attendance .....	482	477	448	422	33	53	-	2	237	247	244	230
Ill health, disability .....	261	194	38	9	175	156	49	30	90	70	171	124
Home responsibilities .....	316	312	137	120	170	190	8	3	-	-	316	312
Think cannot get a job .....	435	516	130	185	269	300	34	30	170	217	264	299
Other reasons <sup>1</sup> .....	181	150	60	32	115	88	8	30	56	64	127	64
<b>HISPANIC ORIGIN</b>												
Total not in labor force .....	3,408	3,485	1,062	1,067	1,636	1,700	810	718	862	867	2,546	2,619
Do not want a job now .....	3,001	2,998	855	852	1,442	1,435	700	711	748	722	2,252	2,275
Current activity:												
Going to school .....	600	608	558	534	41	71	-	2	275	272	325	336
Ill, disabled .....	213	199	13	11	127	134	71	55	96	91	116	108
Keeping house .....	1,672	1,675	217	243	1,145	1,092	310	340	18	11	1,656	1,664
Retired .....	313	293	-	-	9	-	304	293	233	212	80	80
Other activity .....	203	223	67	64	120	138	15	21	128	136	75	87
Want a job now .....	409	488	204	216	195	265	9	7	114	145	295	343
Reason for not looking:												
School attendance .....	107	164	98	134	9	30	-	-	61	77	46	87
Ill health, disability .....	47	53	8	2	35	45	5	5	27	29	20	24
Home responsibilities .....	132	127	44	34	88	93	-	-	-	-	132	127
Think cannot get a job .....	67	87	30	33	34	54	1	-	13	28	54	59
Other reasons <sup>1</sup> .....	56	57	24	13	29	43	3	2	13	11	43	46

<sup>1</sup> Includes small number of men not looking for work because of "home responsibilities."

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.

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
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**A-55. 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 1983							
	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 .....	109	15	-	20	75	86	19	-
Lacks education or training .....	179	32	31	107	7	129	32	5
Other personal handicap .....	85	8	11	62	4	65	18	2
Job-market factors:								
Could not find work .....	763	90	181	430	62	444	297	48
Thinks no job available .....	735	41	113	527	56	560	149	31
<b>Men</b>								
Personal factors:								
Employers think too young or old .....	50	11	-	5	35	39	9	-
Lacks education or training .....	60	18	22	18	2	34	19	-
Other personal handicap .....	16	-	3	11	2	14	-	-
Job-market factors:								
Could not find work .....	344	60	88	157	40	202	130	14
Thinks no job available .....	283	25	49	167	43	214	59	14
<b>Women</b>								
Personal factors:								
Employers think too young or old .....	59	4	-	15	40	47	10	-
Lacks education or training .....	118	15	10	89	5	95	14	5
Other personal handicap .....	69	8	8	51	2	51	18	2
Job-market factors:								
Could not find work .....	419	31	93	272	23	242	167	34
Thinks no job available .....	452	16	63	361	13	346	91	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-56. 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			
	 1982	 1983	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			 1982	 1983	 1982	 1983	 1982	 1983	 1982	 1983	 1982	 1983
<b>TOTAL</b>												
Do not intend to seek work .....	51,739	52,301	6,375	6,444	17,990	17,854	27,373	28,003	45,314	45,805	5,298	5,298
Intend to seek work in the next 12 months .....	11,391	11,437	6,766	6,841	3,952	4,265	671	531	8,914	8,928	2,105	2,105
Never worked .....	2,194	2,458	2,026	2,284	163	181	5	13	1,507	1,688	561	660
Last worked over 5 years ago .....	1,247	1,331	73	82	1,003	1,108	172	141	931	973	282	312
Last worked 1 to 5 years ago .....	2,500	2,796	938	1,061	1,309	1,553	254	181	1,865	2,100	558	588
Worked during previous 12 months .....	5,450	4,851	3,730	3,214	1,479	1,441	239	195	4,611	4,167	703	547
<b>Men</b>												
Do not intend to seek work .....	15,155	15,651	2,294	2,354	2,655	2,815	10,204	10,483	12,974	13,467	1,808	1,794
Intend to seek work in the next 12 months .....	4,460	4,534	3,157	3,228	952	1,012	352	293	3,560	3,559	749	788
Never worked .....	964	1,137	928	1,118	37	14	-	4	651	802	263	282
Last worked over 5 years ago .....	225	237	22	20	127	151	78	66	146	150	65	64
Last worked 1 to 5 years ago .....	790	898	337	408	308	381	145	110	618	673	147	186
Worked during previous 12 months .....	2,481	2,261	1,871	1,682	479	467	129	113	2,145	1,934	275	258
<b>Women</b>												
Do not intend to seek work .....	36,584	36,650	4,081	4,089	15,334	15,040	17,168	17,521	32,340	32,338	3,490	3,504
Intend to seek work in the next 12 months .....	6,931	6,903	3,610	3,412	3,001	3,252	319	237	5,354	5,369	1,356	1,317
Never worked .....	1,230	1,321	1,099	1,164	124	148	5	9	856	886	299	378
Last worked over 5 years ago .....	1,022	1,094	51	62	876	956	95	75	765	823	217	246
Last worked 1 to 5 years ago .....	1,710	1,898	600	652	1,000	1,175	109	70	1,247	1,427	411	399
Worked during previous 12 months .....	2,969	2,590	1,860	1,533	999	974	110	62	2,466	2,233	428	291

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-57. 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	
	1982	1983	1982	1983	1982	1983	1982	1983
<b>TOTAL</b>								
Civilian noninstitutional population .....	171,497	173,505	148,943	150,239	18,450	18,796	9,346	9,416
Civilian labor force .....	108,387	109,766	94,713	95,500	11,048	11,393	5,938	5,930
Percent of population .....	63.2	63.3	63.6	63.6	59.9	60.6	63.5	63.0
Employed .....	98,083	97,507	86,653	85,921	9,080	9,050	5,167	4,942
Agriculture .....	2,900	2,919	2,847	2,685	185	172	204	202
Nonagricultural industries .....	95,183	94,588	84,006	83,236	6,894	8,876	4,963	4,740
Unemployed .....	10,284	12,260	8,061	9,578	1,969	2,343	771	989
Unemployment rate .....	9.5	11.2	8.5	10.0	17.6	20.6	13.0	18.7
Not in labor force .....	63,131	63,739	54,230	54,733	7,402	7,403	3,408	3,485
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	81,152	82,191	70,976	71,644	8,222	8,386	4,489	4,421
Civilian labor force .....	61,536	62,006	54,441	54,617	5,665	5,804	3,006	3,554
Percent of population .....	75.8	75.4	76.7	76.2	68.9	69.2	80.7	80.4
Employed .....	55,367	54,512	49,514	48,818	4,561	4,506	3,127	2,963
Agriculture .....	2,372	2,368	2,142	2,168	176	150	188	189
Nonagricultural industries .....	52,995	52,143	47,372	46,650	4,384	4,356	2,939	2,774
Unemployed .....	6,169	7,494	4,927	5,999	1,105	1,298	480	591
Unemployment rate .....	10.0	12.1	9.1	11.0	19.5	22.4	13.3	18.6
Not in labor force .....	19,616	20,186	18,535	17,026	2,556	2,582	862	867
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	73,205	74,434	64,336	65,198	7,122	7,288	3,871	3,837
Civilian labor force .....	57,380	58,104	50,755	51,162	5,275	5,439	3,298	3,271
Percent of population .....	78.4	78.1	78.9	78.5	74.1	74.6	85.2	85.2
Employed .....	52,267	51,872	46,688	46,024	4,348	4,317	2,910	2,763
Agriculture .....	2,175	2,190	1,954	1,999	171	143	172	174
Nonagricultural industries .....	50,091	49,682	44,732	44,025	4,177	4,174	2,737	2,609
Unemployed .....	5,113	6,232	4,089	5,138	928	1,122	389	489
Unemployment rate .....	8.9	11.1	8.0	10.0	17.8	20.6	11.8	14.9
Not in labor force .....	15,825	16,330	13,581	14,035	1,847	1,849	573	566
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	90,345	91,314	77,967	78,589	10,228	10,410	4,876	4,995
Civilian labor force .....	48,830	47,761	40,272	40,862	5,383	5,589	2,331	2,376
Percent of population .....	51.8	52.3	51.7	52.0	52.6	53.7	47.8	47.6
Employed .....	42,715	42,995	37,139	37,303	4,519	4,544	2,040	1,978
Agriculture .....	528	551	504	517	9	22	16	13
Nonagricultural industries .....	42,188	42,445	36,634	36,786	4,510	4,522	2,024	1,965
Unemployed .....	4,115	4,765	3,134	3,579	884	1,045	291	398
Unemployment rate .....	6.8	10.0	7.6	8.8	16.0	16.7	12.5	16.7
Not in labor force .....	43,515	43,553	37,695	37,707	4,846	4,821	2,546	2,619
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	82,368	83,594	71,375	72,216	9,065	9,260	4,272	4,436
Civilian labor force .....	43,123	44,217	36,982	37,707	5,044	5,284	2,117	2,169
Percent of population .....	52.4	52.9	51.8	52.2	55.6	57.1	49.6	48.9
Employed .....	39,800	40,218	34,473	34,750	4,327	4,368	1,877	1,828
Agriculture .....	496	513	474	482	8	20	11	12
Nonagricultural industries .....	39,304	39,705	33,999	34,269	4,319	4,347	1,866	1,816
Unemployed .....	3,322	3,999	2,509	2,957	716	917	239	341
Unemployment rate .....	7.7	9.0	6.8	7.8	14.2	17.3	11.3	15.7
Not in labor force .....	39,246	39,377	34,393	34,508	4,021	3,976	2,158	2,267
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	15,923	15,477	13,232	12,819	2,263	2,248	1,203	1,142
Civilian labor force .....	7,864	7,445	6,976	6,630	729	870	523	490
Percent of population .....	49.4	48.1	52.7	51.7	32.2	29.8	43.5	42.9
Employed .....	6,015	5,617	5,494	5,147	405	368	380	331
Agriculture .....	228	216	219	204	8	9	20	16
Nonagricultural industries .....	5,788	5,401	5,275	4,943	398	357	360	314
Unemployed .....	1,848	1,829	1,483	1,483	325	304	143	159
Unemployment rate .....	23.5	24.6	21.3	22.4	44.5	45.4	27.4	32.5
Not in labor force .....	8,060	6,032	6,256	6,190	1,534	1,578	679	653

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-58. 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	
	1982	1983	1982	1983	1982	1983	1982	1983
<b>TOTAL</b>								
Civilian noninstitutional population .....	9,346	9,416	5,693	5,647	1,189	1,277	709	733
Civilian labor force .....	5,938	5,930	3,770	3,661	609	646	425	493
Percent of population .....	63.5	63.0	66.2	64.8	51.2	50.6	59.9	67.3
Employed .....	5,167	4,942	3,281	3,012	516	518	381	417
Agriculture .....	204	202	184	188	5	2	4	3
Nonagricultural industries .....	4,963	4,740	3,098	2,824	511	515	378	414
Unemployed .....	771	989	489	649	92	128	44	76
Unemployment rate .....	13.0	16.7	13.0	17.7	15.2	19.9	10.3	15.5
Not in labor force .....	3,408	3,485	1,922	1,986	581	631	284	240
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	4,469	4,421	2,821	2,756	527	547	346	328
Civilian labor force .....	3,606	3,554	2,356	2,258	383	394	253	268
Percent of population .....	80.7	80.4	83.5	81.9	72.7	72.0	73.1	81.7
Employed .....	3,127	2,963	2,037	1,884	324	308	232	224
Agriculture .....	188	189	169	175	5	2	4	3
Nonagricultural industries .....	2,939	2,774	1,868	1,689	319	306	228	221
Unemployed .....	480	591	319	394	59	85	22	44
Unemployment rate .....	13.3	16.6	13.5	17.4	15.4	21.7	8.7	16.6
Not in labor force .....	862	867	466	498	145	153	93	60
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	3,871	3,837	2,428	2,378	443	468	312	296
Civilian labor force .....	3,298	3,271	2,126	2,068	350	366	238	246
Percent of population .....	85.2	85.2	87.6	87.0	79.0	78.2	76.3	83.1
Employed .....	2,910	2,783	1,870	1,740	304	302	221	207
Agriculture .....	172	174	154	161	5	2	4	3
Nonagricultural industries .....	2,737	2,609	1,716	1,580	300	300	217	204
Unemployed .....	389	489	256	328	46	64	17	38
Unemployment rate .....	11.8	14.9	12.0	15.9	13.1	17.4	7.0	15.6
Not in labor force .....	573	568	302	308	93	102	75	51
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	4,878	4,995	2,871	2,890	662	730	363	405
Civilian labor force .....	2,331	2,376	1,415	1,403	226	252	172	225
Percent of population .....	47.8	47.6	49.3	48.5	34.1	34.5	47.4	55.6
Employed .....	2,040	1,978	1,244	1,148	192	209	150	193
Agriculture .....	16	13	15	12	-	-	-	-
Nonagricultural industries .....	2,024	1,965	1,229	1,135	192	209	150	193
Unemployed .....	291	398	171	256	34	43	22	32
Unemployment rate .....	12.5	16.7	12.1	18.2	14.8	17.0	12.8	14.1
Not in labor force .....	2,546	2,619	1,457	1,487	436	478	191	180
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	4,272	4,436	2,460	2,551	578	648	330	378
Civilian labor force .....	2,117	2,169	1,261	1,269	200	229	163	206
Percent of population .....	49.8	48.9	50.8	49.7	34.8	35.3	49.4	54.8
Employed .....	1,877	1,828	1,123	1,054	177	194	143	177
Agriculture .....	11	12	10	12	-	-	-	-
Nonagricultural industries .....	1,866	1,816	1,113	1,042	177	194	143	177
Unemployed .....	239	341	138	216	22	35	20	30
Unemployment rate .....	11.3	15.7	11.0	17.0	11.2	15.3	12.4	14.4
Not in labor force .....	2,156	2,267	1,219	1,281	379	419	166	169
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	1,203	1,142	785	720	168	161	87	62
Civilian labor force .....	523	490	384	323	58	51	24	41
Percent of population .....	43.5	42.9	48.9	44.9	34.5	31.7	35.6	66.1
Employed .....	380	331	288	218	34	21	17	33
Agriculture .....	20	16	19	16	-	-	-	-
Nonagricultural industries .....	360	314	269	202	34	21	17	33
Unemployed .....	143	159	96	105	24	29	7	8
Unemployment rate .....	27.4	32.5	24.9	32.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Not in labor force .....	879	853	401	397	109	110	43	20

<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-59. Employed civilians by selected social and economic categories, race, and Hispanic origin**

(In thousands)

Category	Total		White		Black		Hispanic origin	
	1982	1983	1982	1983	1982	1983	1982	1983
<b>CHARACTERISTIC</b>								
Total (all civilian workers) .....	98,083	97,507	86,653	85,921	9,080	9,050	5,167	4,942
Men .....	55,367	54,512	49,514	48,618	4,561	4,506	3,127	2,983
Women .....	42,715	42,995	37,139	37,303	4,519	4,544	2,040	1,978
<b>OCCUPATION</b>								
Managerial and professional specialty .....	23,097	23,404	21,241	21,441	( <sup>1</sup> )	1,302	( <sup>1</sup> )	595
Executive, administrative, and managerial .....	10,478	10,584	9,785	9,847	( <sup>1</sup> )	488	( <sup>1</sup> )	308
Professional specialty .....	12,622	12,820	11,456	11,594	( <sup>1</sup> )	813	( <sup>1</sup> )	287
Technical, sales, and administrative support .....	30,347	30,602	27,305	27,552	( <sup>1</sup> )	2,313	( <sup>1</sup> )	1,246
Technicians and related support .....	3,006	3,027	2,656	2,665	( <sup>1</sup> )	253	( <sup>1</sup> )	91
Sales occupations .....	10,871	11,367	10,142	10,589	( <sup>1</sup> )	527	( <sup>1</sup> )	411
Administrative support, including clerical .....	16,471	16,208	14,507	14,299	( <sup>1</sup> )	1,533	( <sup>1</sup> )	743
Service occupations .....	13,234	13,433	10,674	10,743	( <sup>1</sup> )	2,272	( <sup>1</sup> )	905
Private household .....	1,049	944	716	665	( <sup>1</sup> )	257	( <sup>1</sup> )	86
Protective service .....	1,589	1,628	1,357	1,384	( <sup>1</sup> )	225	( <sup>1</sup> )	82
Service, except private household and protective .....	10,596	10,861	8,601	8,694	( <sup>1</sup> )	1,790	( <sup>1</sup> )	737
Precision production, craft, and repair .....	11,639	11,703	10,643	10,659	( <sup>1</sup> )	782	( <sup>1</sup> )	691
Mechanics and repairers .....	4,029	4,104	3,715	3,744	( <sup>1</sup> )	263	( <sup>1</sup> )	231
Construction trades .....	3,724	3,871	3,387	3,563	( <sup>1</sup> )	247	( <sup>1</sup> )	203
Other precision production, craft, and repair .....	3,886	3,728	3,541	3,352	( <sup>1</sup> )	272	( <sup>1</sup> )	257
Operators, fabricators, and laborers .....	16,655	15,284	13,975	12,773	( <sup>1</sup> )	2,125	( <sup>1</sup> )	1,279
Machine operators, assemblers, and inspectors .....	8,140	7,459	6,609	6,174	( <sup>1</sup> )	1,026	( <sup>1</sup> )	700
Transportation and material moving occupations .....	4,148	4,011	3,541	3,448	( <sup>1</sup> )	502	( <sup>1</sup> )	234
Handlers, equipment cleaners, helpers, and laborers .....	4,369	3,814	3,825	3,153	( <sup>1</sup> )	596	( <sup>1</sup> )	345
Construction laborers .....	493	456	410	359	( <sup>1</sup> )	88	( <sup>1</sup> )	57
Other handlers, equipment cleaners, helpers, and laborers .....	3,876	3,358	3,215	2,794	( <sup>1</sup> )	508	( <sup>1</sup> )	288
Farming, forestry, and fishing .....	3,091	3,076	2,760	2,751	( <sup>1</sup> )	255	( <sup>1</sup> )	225
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	1,174	1,312	983	1,122	156	157	188	175
Self-employed workers .....	1,493	1,429	1,435	1,384	28	16	16	24
Unpaid family workers .....	233	178	229	177	2	-	-	1
Nonagricultural industries:								
Wage and salary workers .....	87,809	86,938	77,135	76,092	8,584	8,562	4,666	4,476
Government .....	15,750	15,689	13,193	13,033	2,173	2,251	701	686
Private industries .....	72,059	71,249	63,942	63,060	6,391	6,311	3,965	3,790
Private households .....	1,144	1,141	792	806	328	296	83	103
Other industries .....	70,915	70,108	63,150	62,255	6,065	6,015	3,882	3,687
Self-employed workers .....	6,989	7,305	6,491	6,830	321	309	274	249
Unpaid family workers .....	405	344	380	313	9	5	23	15
<b>FULL- AND PART-TIME STATUS<sup>2</sup></b>								
Full-time schedules .....	77,980	76,557	68,891	67,277	7,374	7,211	4,237	3,940
Part time for economic reasons .....	5,449	6,465	4,568	5,377	753	918	355	471
Part time for noneconomic reasons .....	14,654	14,465	13,393	13,267	953	921	575	529

<sup>1</sup> Data for 1982 are not shown because they do not meet reliability standards for publication.

<sup>2</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-60. 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	
	1982	1983	1982	1983	1982	1983	1982	1983
<b>CHARACTERISTIC</b>								
Total (all civilian workers) .....	5,167	4,942	3,281	3,010	516	517	81	417
Men .....	3,127	2,963	2,037	1,863	324	308	232	224
Women .....	2,040	1,978	1,244	1,147	192	209	150	193
<b>OCCUPATION</b>								
Managerial and professional specialty .....	(2)	595	(2)	285	(2)	63	(2)	74
Executive, administrative, and managerial .....	(2)	308	(2)	150	(2)	37	(2)	33
Professional specialty .....	(2)	287	(2)	135	(2)	26	(2)	41
Technical, sales, and administrative support .....	(2)	1,246	(2)	682	(2)	144	(2)	122
Technicians and related support .....	(2)	91	(2)	50	(2)	13	(2)	12
Sales occupations .....	(2)	411	(2)	221	(2)	41	(2)	38
Administrative support, including clerical .....	(2)	743	(2)	411	(2)	91	(2)	73
Service occupations .....	(2)	905	(2)	526	(2)	110	(2)	71
Private household .....	(2)	88	(2)	45	(2)	2	(2)	3
Protective service .....	(2)	82	(2)	36	(2)	23	(2)	5
Service, except private household and protective .....	(2)	737	(2)	445	(2)	85	(2)	63
Precision production, craft, and repair .....	(2)	691	(2)	469	(2)	63	(2)	62
Mechanics and repairers .....	(2)	231	(2)	147	(2)	29	(2)	25
Construction trades .....	(2)	203	(2)	152	(2)	12	(2)	14
Other precision production, craft, and repair .....	(2)	257	(2)	170	(2)	22	(2)	22
Operators, fabricators, and laborers .....	(2)	1,279	(2)	847	(2)	132	(2)	83
Machine operators, assemblers, and inspectors .....	(2)	700	(2)	451	(2)	81	(2)	44
Transportation and material moving occupations .....	(2)	234	(2)	160	(2)	23	(2)	10
Handlers, equipment cleaners, helpers, and laborers .....	(2)	345	(2)	236	(2)	28	(2)	29
Construction laborers .....	(2)	57	(2)	49	(2)	-	(2)	2
Other handlers, equipment cleaners, helpers, and laborers .....	(2)	288	(2)	187	(2)	27	(2)	26
Farming, forestry, and fishing .....	(2)	225	(2)	201	(2)	4	(2)	6
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	188	175	178	168	5	2	-	1
Self-employed workers .....	16	24	8	17	-	-	3	2
Unpaid family workers .....	-	1	-	1	-	-	-	-
Nonagricultural industries:								
Wage and salary workers .....	4,666	4,476	2,927	2,676	498	494	342	385
Government .....	701	686	459	446	66	86	27	32
Private industries .....	3,965	3,790	2,469	2,231	412	408	314	353
Private households .....	83	103	46	60	1	2	-	3
Other industries .....	3,882	3,687	2,423	2,171	411	406	314	350
Self-employed workers .....	274	249	151	137	12	20	36	27
Unpaid family workers .....	23	15	19	11	1	1	1	1
<b>FULL- AND PART-TIME STATUS<sup>3</sup></b>								
Full-time schedules .....	2,659	3,940	2,659	2,361	451	435	311	345
Part time for economic reasons .....	261	471	261	338	30	30	18	23
Part time for noneconomic reasons .....	561	529	561	311	35	51	52	48

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

<sup>2</sup> Data for 1982 are not shown because they do not meet reliability

standards for publication.

<sup>3</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-61. Employed civilians by sex, age, race, and Hispanic origin**

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	1982	1983	1982	1983	1982	1983	1982	1983
Total, 16 years and over .....	98,083	97,507	86,853	85,921	9,080	9,050	5,167	4,942
16 to 19 years .....	6,015	5,617	5,494	5,147	405	366	380	331
16 to 17 years .....	2,268	1,973	2,107	1,849	121	95	119	87
18 to 19 years .....	3,748	3,643	3,387	3,298	283	271	261	244
20 to 24 years .....	13,392	13,063	11,865	11,516	1,231	1,245	874	764
25 years and over .....	78,676	78,828	69,295	69,258	7,444	7,440	3,913	3,827
25 to 54 years .....	64,516	64,788	56,516	56,581	6,304	6,328	3,506	3,413
55 years and over .....	14,160	14,060	12,778	12,679	1,140	1,112	407	413
Men, 16 years and over .....	55,367	54,512	49,514	48,618	4,561	4,506	3,127	2,963
16 to 19 years .....	3,101	2,840	2,828	2,594	214	189	217	181
16 to 17 years .....	1,166	1,009	1,096	949	50	47	72	48
18 to 19 years .....	1,934	1,830	1,731	1,645	162	143	145	132
20 to 24 years .....	6,997	6,754	6,215	5,945	629	642	528	455
25 years and over .....	45,269	44,918	40,472	40,079	3,719	3,675	2,362	2,327
25 to 54 years .....	36,810	36,610	32,740	32,464	3,138	3,115	2,101	2,065
55 years and over .....	8,460	8,309	7,732	7,596	581	560	280	263
Women, 16 years and over .....	42,715	42,995	37,139	37,303	4,519	4,544	2,040	1,978
16 to 19 years .....	2,915	2,777	2,666	2,553	191	176	163	150
16 to 17 years .....	1,101	964	1,010	899	71	49	47	39
18 to 19 years .....	1,813	1,813	1,655	1,653	121	128	116	112
20 to 24 years .....	6,394	6,309	5,650	5,571	602	603	346	329
25 years and over .....	33,406	33,910	28,623	29,179	3,725	3,765	1,531	1,499
25 to 54 years .....	27,707	28,158	23,778	24,097	3,166	3,213	1,405	1,350
55 years and over .....	5,700	5,751	5,046	5,083	559	552	126	150

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-62. Unemployment rates by sex, age, race, and Hispanic origin**

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin	
	1982	1983	1982	1983	1982	1983	1982	1983
Total, 16 years and over .....	9.5	11.2	8.5	10.0	17.8	20.6	13.0	16.7
16 to 19 years .....	23.5	24.6	21.3	22.4	44.5	45.4	27.4	32.5
16 to 17 years .....	24.4	26.3	22.8	24.9	48.0	43.3	32.3	38.2
18 to 19 years .....	22.9	23.6	20.3	20.9	43.9	48.1	24.9	30.1
20 to 24 years .....	15.1	17.3	13.1	15.0	30.9	33.2	17.0	21.9
25 years and over .....	7.1	8.9	8.5	8.0	12.8	18.0	10.3	13.7
25 to 54 years .....	7.6	9.5	6.9	8.5	13.8	17.0	10.4	13.7
55 years and over .....	5.0	6.2	4.7	5.8	8.4	10.1	9.2	13.9
Men, 18 years and over .....	10.0	12.1	9.1	11.0	19.5	22.4	13.3	16.8
16 to 19 years .....	25.4	27.2	23.3	24.9	45.6	48.1	29.8	38.2
16 to 17 years .....	27.0	28.6	24.9	28.6	55.3	50.4	34.8	42.4
18 to 19 years .....	24.4	26.5	22.2	23.9	41.2	47.4	28.8	33.8
20 to 24 years .....	17.5	19.8	15.5	17.8	33.3	34.6	17.3	22.0
25 years and over .....	7.4	9.8	6.7	8.8	14.1	17.6	10.5	13.4
25 to 54 years .....	7.9	10.2	7.2	9.3	14.8	18.4	10.8	13.1
55 years and over .....	5.3	8.8	4.8	6.3	10.6	12.8	7.6	15.4
Women, 18 years and over .....	8.8	10.0	7.8	8.8	18.0	18.7	12.5	16.7
16 to 19 years .....	21.4	21.6	19.0	19.6	43.5	42.1	24.2	27.3
16 to 17 years .....	21.5	23.7	20.3	23.0	36.5	34.4	28.5	32.0
18 to 19 years .....	21.3	20.5	18.2	17.7	48.9	44.8	22.3	25.5
20 to 24 years .....	12.4	14.3	10.3	11.8	28.1	31.7	16.6	21.9
25 years and over .....	6.8	8.0	6.1	7.0	11.5	14.5	10.0	14.2
25 to 54 years .....	7.2	8.5	6.4	7.5	12.3	15.6	9.8	14.5
55 years and over .....	4.7	5.3	4.5	5.0	6.1	7.4	12.5	11.2

**A-63. Unemployed persons by duration of unemployment, race, and Hispanic origin**

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	 1982	 1983	 1982	 1983	 1982	 1983	 1982	 1983
<b>DURATION</b>								
Total, 18 years and over .....	10,284	12,260	8,061	9,578	1,969	2,343	771	989
Less than 5 weeks .....	3,809	3,558	2,990	2,815	708	643	332	346
5 to 14 weeks .....	3,488	3,581	2,810	2,875	573	593	266	285
15 weeks and over .....	3,007	5,120	2,261	3,889	687	1,107	173	358
15 to 26 weeks .....	1,668	2,272	1,299	1,808	334	414	89	187
27 weeks and over .....	1,339	2,848	962	2,081	354	693	84	171
Average (mean) duration, in weeks .....	14.2	19.6	13.5	18.7	17.1	23.4	11.5	16.7
Median duration, in weeks .....	8.3	11.5	8.1	11.1	8.2	12.7	6.5	9.5
<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 .....	37.0	29.0	37.1	29.4	36.0	27.5	43.1	35.0
5 to 14 weeks .....	33.7	29.2	34.9	30.0	29.1	25.3	34.5	28.8
15 weeks and over .....	29.2	41.8	28.1	40.6	34.9	47.3	22.4	36.2
15 to 26 weeks .....	16.2	18.5	16.1	18.9	16.9	17.7	11.5	18.9
27 weeks and over .....	13.0	23.2	11.9	21.7	18.0	29.6	10.9	17.3

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

**A-64. Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	 1982	 1983	 1982	 1983	 1982	 1983	 1982	 1983
<b>NUMBER OF UNEMPLOYED</b>								
Total, 16 years and over .....	10,284	12,260	8,061	9,578	1,969	2,343	771	989
Job losers .....	6,211	7,826	4,972	6,285	1,218	1,478	496	654
On layoff .....	2,385	2,646	2,019	2,286	324	321	151	159
Other job losers .....	3,826	5,180	2,953	3,999	894	1,154	344	495
Job leavers .....	677	851	741	689	10	15	57	72
Reentrants .....	2,228	2,520	1,859	1,856	494	578	150	171
New entrants .....	968	1,060	689	747	247	274	68	92
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	60.4	63.8	61.7	65.6	61.9	63.0	64.3	66.1
On layoff .....	23.2	21.6	25.0	23.9	16.5	13.7	18.6	16.1
Other job losers .....	37.2	42.3	36.6	41.6	45.4	49.3	44.7	50.1
Job leavers .....	6.5	6.9	9.2	7.2	.5	.6	7.4	7.3
Reentrants .....	21.7	20.6	20.6	19.4	25.1	24.7	19.5	17.3
New entrants .....	9.4	8.6	8.5	7.8	12.5	11.7	8.6	9.3
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>								
Job losers .....	5.7	7.1	5.2	6.6	11.0	13.0	6.4	11.0
Job leavers .....	.8	.8	.8	.7	.1	.1	1.0	1.2
Reentrants .....	2.1	2.3	1.8	1.9	4.5	5.1	2.5	2.9
New entrants .....	.9	1.0	.7	.8	2.2	2.4	1.1	1.8

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-65. Employment status of male Vietnam-era veterans and nonveterans by age**

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	 1982	 1983	Total		Employed		Unemployed			
			 1982	 1983	 1982	 1983	Number		Percent of labor force	
							 1982	 1983	 1982	 1983
<b>VETERANS</b>										
Total, 25 years and over .....	8,663	8,269	8,177	7,769	7,457	6,900	720	889	8.8	11.2
25 to 29 years .....	7,239	6,543	6,927	8,241	6,270	5,490	657	751	9.5	12.0
25 to 29 years .....	1,327	941	1,226	888	1,042	702	184	186	15.0	20.9
30 to 34 years .....	3,094	2,505	2,964	2,367	2,692	2,064	272	303	9.2	12.8
35 to 39 years .....	2,818	3,097	2,736	2,986	2,536	2,724	201	262	7.3	8.8
40 years and over .....	1,424	1,727	1,251	1,528	1,187	1,410	63	118	5.1	7.7
<b>NONVETERANS</b>										
Total, 25 to 39 years .....	17,826	19,298	18,863	18,198	15,365	16,158	1,498	2,040	8.9	11.2
25 to 29 years .....	8,050	8,496	7,558	7,955	6,733	6,843	825	1,113	10.9	14.0
30 to 34 years .....	5,786	6,461	5,519	6,119	5,097	5,547	422	572	7.6	9.4
35 to 39 years .....	3,990	4,339	3,786	4,123	3,535	3,768	251	355	6.6	6.6

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-66. 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	
	 1982	 1983	 1982	 1983	 1982	 1983	 1982	 1983	 1982	 1983	 1982	 1983
<b>TOTAL, 25 to 39 years</b>												
Civilian noninstitutional population .....	6,476	5,754	874	692	276	252	15,337	16,676	1,867	1,942	1,354	1,395
Civilian labor force .....	6,235	5,519	612	633	264	241	14,671	15,903	1,654	1,705	1,273	1,308
Employed .....	5,691	4,917	510	500	235	215	13,766	14,292	1,362	1,336	1,120	1,126
Unemployed .....	544	603	102	132	29	26	1,169	1,613	293	369	153	182
Unemployment rate .....	8.7	10.9	16.7	20.9	11.0	10.8	8.0	10.1	17.7	21.6	12.0	13.9
<b>25 to 29 years</b>												
Civilian noninstitutional population .....	1,125	792	183	133	45	43	7,007	7,359	804	864	578	580
Civilian labor force .....	1,051	754	158	121	44	41	8,671	6,975	704	757	544	539
Employed .....	907	614	120	81	41	33	6,286	6,090	545	581	477	461
Unemployed .....	144	141	39	39	3	8	649	886	160	197	67	78
Unemployment rate .....	13.7	18.7	24.7	32.2	( <sup>1</sup> )	( <sup>1</sup> )	9.7	12.7	22.7	26.0	12.3	14.5
<b>30 to 34 years</b>												
Civilian noninstitutional population .....	2,775	2,197	283	269	139	112	4,957	5,559	606	663	448	469
Civilian labor force .....	2,677	2,088	258	244	132	106	4,760	5,317	551	588	426	443
Employed .....	2,449	1,837	217	197	116	94	4,435	4,878	467	475	378	378
Unemployed .....	228	250	39	47	18	12	325	440	84	113	50	65
Unemployment rate .....	8.5	12.0	15.2	19.3	12.1	11.3	6.8	8.3	15.2	19.2	11.7	14.7
<b>35 to 39 years</b>												
Civilian noninstitutional population .....	2,576	2,765	208	290	92	97	3,373	3,756	457	415	326	346
Civilian labor force .....	2,507	2,677	198	268	88	94	3,240	3,811	399	360	301	326
Employed .....	2,335	2,466	173	222	78	88	3,045	3,324	350	300	265	287
Unemployed .....	172	212	24	48	10	6	195	287	49	59	36	39
Unemployment rate .....	8.9	7.9	12.1	17.2	11.4	6.4	6.0	7.9	12.3	18.4	12.0	12.0

<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-67. 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	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
<b>TOTAL</b>												
Civilian noninstitutional population .....	116,716	118,440	47,713	48,898	69,005	69,742	54,779	55,065	4,178	4,420	50,801	50,645
Civilian labor force .....	75,210	76,268	29,685	30,326	45,525	45,942	33,156	33,499	2,817	2,717	30,539	30,782
Percent of population .....	64.4	64.4	62.2	62.3	66.0	65.9	60.5	60.8	62.6	61.5	60.4	60.8
Employed .....	66,316	66,036	26,575	26,551	41,743	41,485	29,785	29,471	2,521	2,572	27,244	28,899
Unemployed .....	8,892	8,231	3,109	3,775	3,783	4,456	3,392	4,028	85	145	3,297	3,883
Unemployment rate .....	9.2	10.8	10.5	12.4	8.3	9.7	10.2	12.0	3.8	5.4	10.6	12.6
Not in labor force .....	41,508	42,172	16,028	18,372	23,480	23,800	21,623	21,566	1,561	1,703	20,062	19,863
<b>Men, 20 years and over</b>												
Civilian noninstitutional population .....	49,796	50,708	20,060	20,545	29,736	30,163	23,410	23,726	1,698	2,019	21,514	21,707
Civilian labor force .....	39,845	40,152	15,407	15,763	24,238	24,389	17,735	17,952	1,583	1,819	16,172	16,333
Percent of population .....	79.6	79.2	76.6	76.7	81.5	80.9	75.6	75.7	82.4	80.2	75.2	75.2
Employed .....	36,234	35,876	13,659	13,749	22,375	22,127	16,033	15,796	1,512	1,542	14,521	14,254
Unemployed .....	3,411	4,276	1,548	2,013	1,863	2,263	1,702	2,156	51	77	1,651	2,079
Unemployment rate .....	8.6	10.6	10.0	12.6	7.7	9.3	8.8	12.0	3.3	4.7	10.2	12.7
Not in labor force .....	10,151	10,556	4,653	4,782	5,498	5,774	5,674	5,774	333	400	5,341	5,374
<b>Women, 20 years and over</b>												
Civilian noninstitutional population .....	56,218	57,244	23,616	24,153	32,600	33,091	26,150	26,350	1,681	1,953	24,269	24,387
Civilian labor force .....	30,201	31,012	12,448	12,822	17,753	18,190	12,922	13,205	855	900	12,067	12,305
Percent of population .....	53.7	54.2	52.7	53.1	54.5	55.0	49.4	50.1	46.0	46.1	49.7	50.4
Employed .....	27,973	28,324	11,411	11,568	16,562	16,756	11,827	11,894	829	859	10,998	11,035
Unemployed .....	2,228	2,688	1,036	1,253	1,190	1,435	1,095	1,311	26	41	1,069	1,270
Unemployment rate .....	7.4	8.7	8.3	9.8	8.7	7.9	8.5	9.9	3.1	4.6	6.9	10.3
Not in labor force .....	26,017	26,233	11,170	11,331	14,847	14,902	13,228	13,145	1,006	1,053	12,222	12,092
<b>Both sexes, 16 to 19 years</b>												
Civilian noninstitutional population .....	10,704	10,488	4,035	4,000	6,669	6,488	5,219	4,989	421	448	4,798	4,541
Civilian labor force .....	5,364	5,104	1,829	1,741	3,535	3,363	2,499	2,341	199	198	2,300	2,143
Percent of population .....	50.1	48.7	45.3	43.5	53.0	51.6	47.9	46.9	47.1	44.2	47.9	47.2
Employed .....	4,111	3,836	1,305	1,234	2,806	2,602	1,904	1,780	161	170	1,723	1,610
Unemployed .....	1,253	1,267	524	509	729	758	595	561	18	28	577	533
Unemployment rate .....	23.4	24.6	28.6	29.2	20.6	22.5	23.6	24.0	9.0	13.9	25.1	24.9
Not in labor force .....	5,340	5,384	2,206	2,259	3,134	3,125	2,720	2,648	223	250	2,497	2,398
<b>White</b>												
Civilian noninstitutional population .....	99,337	100,477	35,772	36,641	63,565	63,838	49,606	49,756	3,976	4,221	45,630	45,535
Civilian labor force .....	64,492	65,058	22,842	23,143	41,650	41,915	30,222	30,441	2,515	2,628	27,707	27,613
Percent of population .....	64.9	64.7	63.3	63.2	65.6	65.7	60.9	61.2	63.3	62.3	60.7	61.1
Employed .....	59,288	58,891	20,751	20,833	38,537	38,058	27,384	27,030	2,433	2,497	24,831	24,533
Unemployed .....	5,204	6,167	1,891	2,310	3,313	3,857	2,657	3,412	82	131	2,775	3,281
Unemployment rate .....	8.1	9.5	6.4	10.0	7.9	9.2	9.5	11.2	3.3	5.0	10.0	11.8
Not in labor force .....	34,845	35,419	13,131	13,498	21,714	21,921	19,364	19,314	1,461	1,592	17,923	17,722
<b>Black</b>												
Civilian noninstitutional population .....	14,136	14,388	10,289	10,289	3,867	4,099	4,314	4,407	153	143	4,161	4,264
Civilian labor force .....	8,633	8,868	5,991	6,075	2,642	2,793	2,415	2,525	70	59	2,345	2,466
Percent of population .....	61.1	61.6	58.3	59.0	66.3	68.1	56.0	57.3	45.8	41.1	56.4	57.8
Employed .....	7,116	7,022	4,871	4,707	2,245	2,315	1,964	2,028	58	49	1,806	1,979
Unemployed .....	1,518	1,846	1,120	1,367	398	479	451	497	12	9	439	488
Unemployment rate .....	17.6	20.8	18.7	22.5	15.1	17.2	18.7	19.7	17.1	( <sup>1</sup> )	18.7	19.6
Not in labor force .....	5,503	5,520	4,277	4,215	1,226	1,306	1,899	1,882	83	64	1,816	1,798
<b>Hispanic origin</b>												
Civilian noninstitutional population .....	7,956	8,116	4,571	4,735	3,385	3,381	1,390	1,300	63	36	1,327	1,262
Civilian labor force .....	5,093	5,129	2,859	2,915	2,234	2,214	845	801	35	25	810	776
Percent of population .....	64.0	63.2	62.5	61.6	66.0	65.5	60.8	61.8	55.6	( <sup>1</sup> )	61.0	61.5
Employed .....	4,429	4,303	2,492	2,449	1,937	1,954	738	638	32	17	708	621
Unemployed .....	664	826	387	466	297	360	107	163	4	8	103	155
Unemployment rate .....	13.0	18.1	12.8	18.0	13.3	16.3	12.8	20.4	( <sup>1</sup> )	( <sup>1</sup> )	12.7	20.0
Not in labor force .....	2,863	2,987	1,712	1,821	1,151	1,166	545	499	28	13	517	486

<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 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	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
<b>TOTAL</b>												
Civilian noninstitutional population .....	29,864	30,056	141,633	143,449	11,183	11,206	105,535	107,234	18,681	18,849	36,098	36,216
Civilian labor force .....	16,518	16,758	91,849	93,008	5,992	5,994	69,218	70,273	10,528	10,764	22,631	22,735
Percent of population .....	55.3	55.8	64.9	64.8	53.6	53.5	65.6	65.5	56.3	57.1	62.7	62.8
Employed .....	14,426	14,184	83,657	83,323	5,009	4,833	63,310	63,204	9,417	9,351	20,347	20,119
Unemployed .....	2,092	2,574	8,192	9,685	983	1,162	5,909	7,070	1,108	1,413	2,283	2,615
Unemployment rate .....	12.7	15.4	8.9	10.4	16.4	19.4	8.5	10.1	10.5	13.1	10.1	11.5
Men, 20 years and over .....	11.8	15.5	8.4	10.3	16.0	20.0	8.0	9.9	9.5	13.1	9.6	11.5
Women, 20 years and over .....	10.5	12.2	7.2	8.5	12.8	14.7	6.9	8.1	9.1	10.7	8.2	9.6
Both sexes, 16 to 19 years .....	31.0	33.0	22.2	23.1	39.9	42.2	21.9	23.3	26.0	27.7	22.9	22.4
Men .....	31.8	33.1	24.1	26.0	41.2	44.5	23.9	26.1	26.8	27.0	24.9	25.5
Women .....	30.0	33.0	20.0	20.0	38.4	39.1	19.8	20.3	24.8	28.8	20.5	19.0
Not in labor force .....	13,347	13,297	49,784	50,441	5,191	5,212	36,317	36,960	8,156	8,085	13,467	13,481
<b>White</b>												
Civilian noninstitutional population .....	20,907	21,160	128,036	129,073	5,598	5,732	93,741	94,745	15,311	15,428	34,295	34,327
Civilian labor force .....	11,900	12,127	82,814	83,373	3,160	3,190	61,332	61,869	8,740	8,937	21,482	21,505
Percent of population .....	56.9	57.3	64.7	64.6	56.5	55.6	65.4	65.3	57.1	57.9	62.6	62.6
Employed .....	10,768	10,637	75,885	75,285	2,794	2,727	56,494	56,184	7,974	7,910	19,391	19,120
Unemployed .....	1,132	1,490	6,929	8,089	365	463	4,838	5,704	766	1,027	2,091	2,384
Unemployment rate .....	9.5	12.3	6.4	9.7	11.6	14.5	7.9	9.2	8.8	11.5	9.7	11.1
Men, 20 years and over .....	8.9	12.6	7.9	9.7	11.3	14.8	7.4	9.1	8.0	11.7	9.3	11.2
Women, 20 years and over .....	7.4	9.3	6.7	7.6	8.8	10.9	6.3	7.2	7.0	8.7	7.8	8.9
Both sexes, 16 to 19 years .....	25.1	26.4	20.7	21.8	28.9	30.8	20.2	21.7	23.8	24.8	22.1	22.0
Men .....	26.1	27.1	22.9	24.5	28.8	34.2	22.3	24.3	25.8	24.6	24.2	25.0
Women .....	23.9	25.2	18.4	19.0	31.3	26.0	17.9	19.1	21.0	24.9	19.7	18.7
Not in labor force .....	9,007	9,034	45,223	45,700	2,436	2,542	32,409	32,877	8,571	6,491	12,814	12,823
<b>Black</b>												
Civilian noninstitutional population .....	8,294	8,233	10,157	10,563	5,295	5,207	8,842	9,182	2,999	3,026	1,315	1,381
Civilian labor force .....	4,241	4,284	6,807	7,109	2,669	2,662	5,965	6,206	1,573	1,622	843	902
Percent of population .....	51.1	52.0	67.0	67.3	50.4	51.1	67.5	67.6	52.4	53.6	64.1	65.3
Employed .....	3,332	3,274	5,748	5,776	2,068	1,984	5,048	5,039	1,264	1,291	700	737
Unemployed .....	909	1,010	1,059	1,333	601	678	917	1,167	308	331	143	165
Unemployment rate .....	21.4	23.6	15.6	18.7	22.5	25.5	15.4	18.8	19.6	20.4	16.9	18.3
Men, 20 years and over .....	21.2	24.4	15.3	18.3	23.0	27.5	15.2	18.5	18.2	19.6	16.0	16.2
Women, 20 years and over .....	17.5	16.5	12.2	16.7	17.1	18.7	12.0	16.3	18.1	18.3	14.0	19.3
Both sexes, 16 to 19 years .....	46.8	53.0	42.8	40.3	51.3	56.3	42.4	42.3	38.8	46.1	( <sup>1</sup> )	( <sup>1</sup> )
Men .....	47.6	52.1	43.6	45.3	54.6	57.3	42.9	46.4	34.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women .....	45.7	54.2	41.9	34.8	47.0	55.1	41.8	37.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not in labor force .....	4,053	3,949	3,350	3,454	2,626	2,545	2,877	2,975	1,427	1,494	473	479
<b>Hispanic origin</b>												
Civilian noninstitutional population .....	2,425	2,400	6,921	7,016	1,745	1,794	8,211	6,322	680	606	709	694
Civilian labor force .....	1,366	1,296	4,572	4,634	987	944	4,126	4,185	398	353	447	448
Percent of population .....	56.3	54.0	66.1	66.0	55.4	52.6	66.4	66.2	58.5	58.3	63.0	64.6
Employed .....	1,152	1,050	4,015	3,892	802	766	3,626	3,538	349	284	389	354
Unemployed .....	214	247	557	742	165	178	499	648	49	69	58	94
Unemployment rate .....	15.7	19.0	12.2	16.0	17.1	18.9	12.1	15.5	12.3	19.5	12.9	21.0
Men, 20 years and over .....	13.4	17.0	11.2	14.3	14.6	16.2	11.1	13.9	10.4	19.1	12.3	18.0
Women, 20 years and over .....	14.0	16.5	10.7	15.6	15.0	16.9	10.5	14.8	11.7	15.2	12.4	23.3
Both sexes, 16 to 19 years .....	33.8	38.5	25.0	30.2	38.1	39.5	28.1	30.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Men .....	31.1	39.5	29.0	34.8	( <sup>1</sup> )	42.0	31.1	34.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women .....	( <sup>1</sup> )	( <sup>1</sup> )	19.5	24.4	( <sup>1</sup> )	( <sup>1</sup> )	19.0	24.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not in labor force .....	1,060	1,103	2,348	2,382	778	850	2,086	2,136	282	253	263	246

<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-89. 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	1982					1983				
	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 person in family	With at least one person in family employed full time
<b>TOTAL</b>										
Total families .....	61,195	7,552	30.1	89.9	58.9	61,760	8,947	32.0	68.0	57.0
With children under 18 years of age .....	31,149	4,560	32.1	87.9	58.5	30,986	5,270	34.9	65.1	53.5
Married-couple families .....	49,353	5,637	23.7	76.3	65.2	49,438	6,735	25.0	75.0	63.9
With children under 18 years of age .....	24,510	3,526	24.1	75.9	63.7	24,292	4,054	25.9	74.1	61.9
Families maintained by women .....	9,484	1,507	51.0	49.0	38.0	9,735	1,731	55.7	44.3	33.7
With children under 18 years of age .....	5,817	898	60.6	39.4	29.7	5,804	1,043	66.0	34.0	25.1
Families maintained by men .....	2,357	407	42.0	58.0	49.6	2,567	482	45.2	54.8	42.9
With children under 18 years of age .....	822	136	51.5	48.5	42.6	890	173	60.1	39.9	27.7
<b>White</b>										
Total families .....	53,251	6,008	27.9	72.1	60.8	53,554	7,128	30.0	70.0	58.8
With children under 18 years of age .....	26,290	3,578	28.9	71.1	58.8	26,066	4,156	32.4	67.6	55.8
Married-couple families .....	44,741	4,815	23.7	76.3	64.9	44,685	5,748	25.4	74.6	63.4
With children under 18 years of age .....	21,782	2,974	24.0	76.0	63.2	21,549	3,431	26.5	73.5	61.3
Families maintained by women .....	6,561	879	45.9	54.1	42.4	6,748	1,026	50.6	49.4	38.5
With children under 18 years of age .....	3,809	494	54.2	45.8	34.9	3,776	592	61.3	38.7	29.1
Families maintained by men .....	1,949	314	41.0	59.0	50.0	2,122	354	44.4	55.6	42.9
With children under 18 years of age .....	699	110	49.1	50.9	45.5	741	132	55.3	44.7	31.1
<b>Black</b>										
Total families .....	6,609	1,369	40.2	59.8	50.1	6,751	1,579	41.4	58.6	48.8
With children under 18 years of age .....	4,009	862	45.5	54.5	46.2	4,026	967	46.0	54.0	44.9
Married-couple families .....	3,552	678	23.0	77.0	67.1	3,596	810	22.8	77.4	67.4
With children under 18 years of age .....	2,030	447	23.9	76.1	67.3	2,002	512	22.2	77.6	67.3
Families maintained by women .....	2,728	604	58.8	41.2	31.3	2,776	659	83.1	36.9	27.2
With children under 18 years of age .....	1,879	391	69.1	30.9	22.6	1,901	422	72.4	27.6	20.4
Families maintained by men .....	329	87	44.6	55.2	48.3	377	111	49.5	50.5	41.4
With children under 18 years of age .....	99	25	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	126	34	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Hispanic origin</b>										
Total families .....	3,367	560	32.1	67.9	57.2	3,362	708	33.9	66.1	54.0
With children under 18 years of age .....	2,339	395	34.4	65.6	55.2	2,275	484	38.0	62.0	60.7
Married-couple families .....	2,455	421	26.6	73.4	64.4	2,437	550	28.2	71.8	59.8
With children under 18 years of age .....	1,728	316	28.2	71.8	62.3	1,669	400	31.5	68.5	68.5
Families maintained by women .....	738	105	50.5	49.5	32.4	766	119	56.3	43.7	30.3
With children under 18 years of age .....	550	67	60.6	39.4	25.8	546	72	69.9	30.1	19.2
Families maintained by men .....	174	34	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	180	39	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
With children under 18 years of age .....	61	12	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	56	12	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Data not shown where base is less than 80,000.

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

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-70. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members**

(Numbers in thousands)

Family relationship, race, and Hispanic origin	I 1982				I 1983			
	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 .....	10,284	42.8	57.2	48.1	12,280	44.0	56.0	46.7
In families .....	8,723	32.5	67.5	56.7	10,489	34.8	65.4	54.6
Husbands .....	2,452	44.4	55.6	38.6	3,208	43.2	56.8	41.1
With children under 18 years of age .....	1,616	46.2	51.8	33.1	2,048	48.1	53.9	36.4
Wives .....	1,692	21.9	78.1	70.6	1,963	24.2	75.8	68.3
With children under 18 years of age .....	1,094	19.7	80.3	72.5	1,229	23.3	76.7	68.8
Relatives in married-couple families .....	2,328	11.3	88.7	82.4	2,676	12.3	87.7	80.3
Women who maintain families .....	607	60.7	19.3	11.8	776	83.5	18.5	9.1
With children under 18 years of age .....	493	67.6	12.2	6.1	648	89.4	10.6	5.0
Relatives in families maintained by women .....	1,178	35.5	64.5	51.1	1,302	39.5	60.5	48.3
Men who maintain families .....	193	71.5	28.5	20.1	245	72.9	27.1	18.5
With children under 18 years of age .....	78	83.1	16.9	9.5	113	85.1	14.9	5.8
Relatives in families maintained by men .....	273	25.7	74.3	66.3	320	30.2	69.8	57.2
Not in families <sup>1</sup> .....	1,581	-	-	-	1,771	-	-	-
<b>White</b>								
Total unemployed .....	8,061	40.9	59.1	49.7	9,578	42.3	57.7	48.3
In families .....	8,838	30.3	69.7	58.5	8,197	32.8	67.4	58.4
Husbands .....	2,097	44.8	55.4	37.3	2,773	44.1	55.9	39.8
With children under 18 years of age .....	1,354	48.7	51.3	30.9	1,747	47.6	52.4	34.4
Wives .....	1,421	20.4	79.6	72.3	1,672	24.0	76.0	68.4
With children under 18 years of age .....	893	17.8	82.2	74.6	1,034	23.1	76.9	68.9
Relatives in married-couple families .....	1,952	11.0	89.0	82.7	2,175	11.8	88.2	81.2
Women who maintain families .....	329	74.0	26.0	16.3	426	79.3	20.7	11.2
With children under 18 years of age .....	247	64.5	15.5	8.1	349	86.3	13.7	6.0
Relatives in families maintained by women .....	681	33.8	66.2	52.4	741	34.4	65.6	54.6
Men who maintain families .....	154	69.9	30.1	20.8	180	71.9	28.1	15.7
With children under 18 years of age .....	81	82.1	17.9	10.0	81	84.9	15.1	4.9
Relatives in families maintained by men .....	203	24.3	75.7	67.2	231	28.5	71.5	56.1
Not in families <sup>1</sup> .....	1,223	-	-	-	1,381	-	-	-
<b>Black</b>								
Total unemployed .....	1,969	50.1	49.9	42.3	2,343	51.3	48.7	40.2
In families .....	1,878	41.5	58.5	49.8	2,008	43.1	56.9	46.6
Husbands .....	297	42.8	57.4	47.2	348	38.4	61.6	49.3
With children under 18 years of age .....	214	44.7	55.3	48.5	241	37.4	62.6	49.8
Wives .....	207	29.2	70.8	62.5	236	25.9	74.1	66.4
With children under 18 years of age .....	156	28.1	71.9	62.8	159	23.6	76.2	68.3
Relatives in married-couple families .....	327	12.5	87.5	80.6	432	15.2	84.8	75.5
Women who maintain families .....	271	89.3	10.7	8.4	323	89.5	10.5	8.1
With children under 18 years of age .....	241	91.7	8.3	3.9	278	93.2	6.8	4.0
Relatives in families maintained by women .....	477	37.8	62.2	49.2	535	45.9	54.1	40.2
Men who maintain families .....	35	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	58	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
With children under 18 years of age .....	13	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	28	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Relatives in families maintained by men .....	85	29.2	70.8	64.0	78	36.7	63.3	52.7
Not in families <sup>1</sup> .....	291	-	-	-	335	-	-	-
<b>Hispanic origin</b>								
Total unemployed .....	771	44.1	55.9	46.0	989	42.3	57.7	47.3
In families .....	665	36.1	64.9	53.4	882	35.3	64.7	53.0
Husbands .....	194	49.7	50.3	39.6	270	52.6	47.4	33.7
With children under 18 years of age .....	152	53.5	46.5	35.8	203	56.2	41.8	28.8
Wives .....	133	19.5	80.5	89.7	201	22.8	77.4	68.4
With children under 18 years of age .....	103	16.7	81.3	70.8	150	20.9	79.1	69.0
Relatives in married-couple families .....	187	15.3	84.7	77.4	222	9.8	90.2	79.1
Women who maintain families .....	40	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	50	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
With children under 18 years of age .....	28	( <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 .....	68	45.1	54.9	32.0	93	45.4	54.8	40.4
Men who maintain families .....	20	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	21	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
With children under 18 years of age .....	8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Relatives in families maintained by men .....	22	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	24	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Not in families <sup>1</sup> .....	106	-	-	-	107	-	-	-

<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 is in the Armed Forces, persons in secondary families, and some whose status is unknown.

<sup>2</sup> Data not shown where base is less than 80,000.

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-71. Employed civilians by family relationship, race, Hispanic origin, and presence of additional employed family members**

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1982				1983			
	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 .....	98,083	38.9	61.1	50.8	97,507	39.4	60.6	50.0
In families .....	82,495	27.4	72.6	80.4	81,912	27.9	72.1	59.5
Husbands .....	36,971	37.0	63.0	44.2	36,027	37.0	63.0	44.0
With children under 18 years of age .....	21,782	39.6	80.4	38.5	21,108	39.8	60.2	38.3
Wives .....	23,589	11.2	88.8	83.1	23,758	13.2	86.8	80.4
With children under 18 years of age .....	12,718	7.8	92.4	87.4	12,809	9.7	90.3	84.8
Relatives in married-couple families .....	10,648	7.2	92.8	88.0	10,827	7.2	92.8	87.4
Women who maintain families .....	5,103	68.1	31.9	20.4	5,048	66.8	33.2	20.0
With children under 18 years of age .....	3,417	60.5	19.5	8.9	3,274	60.5	19.5	7.8
Relatives in families maintained by women .....	3,413	27.4	72.8	81.3	3,534	28.2	71.8	59.8
Men who maintain families .....	1,611	57.5	42.5	31.8	1,724	59.7	40.3	26.0
With children under 18 years of age .....	664	75.5	24.5	12.5	677	74.1	25.9	13.4
Relatives in families maintained by men .....	1,160	17.5	82.5	74.5	1,194	19.5	60.5	72.6
Not in families <sup>1</sup> .....	15,588	-	-	-	15,595	-	-	-
<b>White</b>								
Total employed .....	86,853	38.4	61.6	50.9	85,921	38.9	61.1	50.2
In families .....	73,012	26.9	73.1	60.4	72,255	27.3	72.7	59.7
Husbands .....	33,665	37.4	62.6	43.1	32,686	37.4	62.8	43.0
With children under 18 years of age .....	19,597	40.3	59.7	36.8	18,927	40.5	59.5	38.6
Wives .....	21,067	10.7	89.3	83.6	21,156	12.7	87.3	81.0
With children under 18 years of age .....	11,136	7.0	93.0	88.1	11,175	9.0	91.0	85.4
Relatives in married-couple families .....	8,620	7.1	92.9	88.1	8,600	7.1	92.9	87.6
Women who maintain families .....	3,718	65.7	34.3	21.6	3,892	64.3	35.7	21.1
With children under 18 years of age .....	2,453	78.9	21.1	9.2	2,331	79.2	20.8	7.4
Relatives in families maintained by women .....	2,631	28.0	72.0	60.9	2,677	27.6	72.4	60.4
Men who maintain families .....	1,381	57.5	42.5	31.0	1,454	59.2	40.8	27.4
With children under 18 years of age .....	582	74.7	25.3	13.0	587	72.8	27.2	13.7
Relatives in families maintained by men .....	954	18.0	82.0	74.2	991	19.8	60.4	73.0
Not in families <sup>1</sup> .....	13,641	-	-	-	13,666	-	-	-
<b>Black</b>								
Total employed .....	9,060	44.9	55.1	47.9	9,050	45.4	54.8	48.2
In families .....	7,476	33.1	66.9	56.2	7,531	34.3	65.7	55.5
Husbands .....	2,492	31.7	68.3	57.0	2,475	32.3	67.7	54.1
With children under 18 years of age .....	1,619	32.0	68.0	58.7	1,574	32.1	67.9	54.0
Wives .....	1,932	17.1	82.9	77.2	1,948	19.0	81.0	73.7
With children under 18 years of age .....	1,195	13.8	88.2	80.3	1,202	15.7	84.3	78.0
Relatives in married-couple families .....	723	9.1	90.9	84.9	725	8.9	91.1	83.8
Women who maintain families .....	1,269	75.9	24.1	16.0	1,251	75.5	24.5	15.4
With children under 18 years of age .....	885	85.4	14.6	7.4	880	84.3	15.7	8.1
Relatives in families maintained by women .....	689	28.0	74.0	61.9	753	31.2	68.8	56.4
Men who maintain families .....	196	58.3	41.7	35.0	218	63.8	36.2	30.1
With children under 18 years of age .....	63	79.9	20.1	11.8	78	84.1	15.9	10.4
Relatives in families maintained by men .....	165	18.0	84.0	73.8	162	20.1	79.9	70.1
Not in families <sup>1</sup> .....	1,604	-	-	-	1,519	-	-	-
<b>Hispanic origin</b>								
Total employed .....	5,167	38.5	61.5	52.3	4,842	41.8	58.2	48.7
In families .....	4,524	29.7	70.3	59.7	4,278	32.8	67.2	56.2
Husbands .....	1,978	41.7	58.3	43.8	1,857	48.4	53.8	40.5
With children under 18 years of age .....	1,472	45.0	55.0	40.4	1,368	50.2	49.8	36.5
Wives .....	1,098	10.2	89.8	83.3	1,001	13.4	86.6	78.1
With children under 18 years of age .....	755	8.8	91.2	85.1	665	11.9	86.1	80.0
Relatives in married-couple families .....	680	8.0	92.0	64.9	653	9.2	90.8	83.8
Women who maintain families .....	296	73.6	26.4	17.7	309	68.5	31.5	20.1
With children under 18 years of age .....	222	81.4	18.6	8.7	210	78.5	21.5	11.0
Relatives in families maintained by women .....	217	32.8	67.4	55.9	208	29.1	70.9	54.9
Men who maintain families .....	122	43.5	56.5	48.1	130	50.1	49.9	38.8
With children under 18 years of age .....	45	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	44	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Relatives in families maintained by men .....	137	9.9	90.1	83.5	121	8.7	91.3	60.1
Not in families <sup>1</sup> .....	843	-	-	-	664	-	-	-

<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 is in the Armed Forces, persons in secondary families, and some whose 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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-72. 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 1981	IV 1982	IV 1981	IV 1982	Percent change over the year in:	
					Current dollars	Constant dollars
<b>TOTAL</b>						
Total families with earners <sup>1</sup> .....	41,284	40,687	\$441	\$453	2.7	-1.7
Married-couple families .....	33,531	33,078	485	500	3.1	-1.3
One earner .....	14,233	14,497	335	347	3.5	-1.0
Husband .....	11,309	11,216	382	405	6.0	1.4
Wife .....	2,273	2,576	179	193	7.7	3.1
Other family member .....	651	706	198	210	5.7	1.2
Two or more earners .....	19,298	18,581	600	623	3.9	-.6
Husband and wife .....	16,415	15,773	607	638	5.1	.6
Husband and other family member(s) .....	2,329	2,105	603	595	-1.3	-5.5
Wife and other family member(s) .....	411	535	380	399	5.2	.7
Other family members only .....	144	169	401	342	-14.7	-18.4
Families maintained by women .....	8,007	5,958	244	257	5.3	.8
One earner .....	4,368	4,346	204	215	5.7	1.2
Householder .....	3,402	3,443	211	221	4.8	.1
Other family member .....	966	903	176	191	8.5	3.9
Two or more earners .....	1,639	1,812	399	423	5.9	1.4
Families maintained by men .....	1,748	1,851	405	398	-1.7	-5.9
One earner .....	1,106	1,068	326	325	-.2	-4.4
Two or more earners .....	640	585	545	565	3.7	-.7
<b>White</b>						
Total families with earners <sup>1</sup> .....	35,754	35,237	455	489	3.2	-1.2
Married-couple families .....	30,019	29,592	491	507	3.2	-1.2
One earner .....	12,850	13,034	345	360	4.2	-.2
Husband .....	10,352	10,162	391	413	5.5	1.0
Wife .....	1,917	2,220	179	196	9.0	4.4
Two or more earners .....	17,169	16,558	607	631	3.9	-.6
Husband and wife .....	14,580	14,034	613	645	5.2	.7
Families maintained by women .....	4,318	4,333	251	270	7.2	2.6
Families maintained by men .....	1,418	1,312	412	412	-.1	-4.4
<b>Black</b>						
Total families with earners <sup>1</sup> .....	4,627	4,493	330	328	-.6	-4.8
Married-couple families .....	2,768	2,666	410	418	2.1	-2.3
One earner .....	1,056	1,093	240	247	2.9	-1.5
Husband .....	710	781	275	275	-.1	-4.3
Wife .....	292	274	174	181	4.2	-.2
Two or more earners .....	1,712	1,593	528	550	4.1	-.4
Husband and wife .....	1,492	1,377	536	565	5.3	.8
Families maintained by women .....	1,582	1,513	226	226	.2	-4.0
Families maintained by men .....	278	293	350	300	-14.4	-18.1
<b>Hispanic origin</b>						
Total families with earners <sup>1</sup> .....	2,579	2,411	358	359	.2	-4.0
Married-couple families .....	2,026	1,912	394	391	-.7	-4.9
One earner .....	954	945	255	267	4.8	.3
Husband .....	807	803	277	288	3.4	-1.1
Wife .....	109	93	181	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Two or more earners .....	1,072	967	507	\$504	-.7	-4.9
Husband and wife .....	817	767	525	523	-.2	-4.5
Families maintained by women .....	394	382	224	229	2.3	-2.1
Families maintained by men .....	159	137	263	332	26.1	20.7

<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-75 through A-79, and 1 through 4. Because the Index for the most recent quarter or year is not available at the time *Employment and Earnings* is published, it is necessary to lag the publication of these tables by 1 quarter.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-73. 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 1981	IV 1982	IV 1981	IV 1982	Percent change over the year in:	
					Current dollars	Constant dollars
Married-couple families <sup>1</sup> .....	3,382	4,236	\$333	\$345	3.6	-0.9
Husband unemployed .....	985	1,406	193	203	5.5	1.0
Wife only earner .....	808	1,080	184	189	2.6	-1.8
Wife and other earner(s) .....	108	185	333	369	10.7	5.9
Other earner(s) only .....	71	141	( <sup>2</sup> )	150	( <sup>2</sup> )	( <sup>2</sup> )
Wife unemployed .....	1,126	1,385	\$338	366	8.3	3.7
Husband only earner .....	963	1,181	319	343	7.4	2.8
Husband and other earner(s) .....	149	181	522	545	4.4	-1.1
Other earner(s) only .....	15	23	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other member(s) unemployed .....	1,270	1,445	\$491	\$524	6.7	2.1
Husband or wife earner .....	600	713	407	417	2.3	-2.1
Both husband and wife earners .....	612	697	617	670	8.6	3.9
Other combinations of earners .....	59	35	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Families maintained by women <sup>1</sup> .....	736	742	\$231	\$235	1.9	-2.5
Householder unemployed .....	89	94	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other member(s) unemployed .....	649	648	\$236	\$250	6.1	1.6
Families maintained by men <sup>1</sup> .....	211	214	261	277	-1.6	-5.8

<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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	IV 1981	IV 1982	IV 1981	IV 1982	Percent change over the year in:	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over .....	71,856	69,476	\$300	\$316	5.4	0.9
Men, 16 years and over .....	43,155	41,474	360	379	5.2	.7
16 to 24 years .....	7,111	6,360	231	235	1.7	-2.7
25 years and over .....	36,044	35,113	381	409	4.5	.1
Women, 16 years and over .....	28,701	28,004	232	248	6.8	2.2
16 to 24 years .....	5,733	5,130	189	197	4.1	-.3
25 years and over .....	22,968	22,875	244	265	8.5	3.9
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	29,756	28,613	394	414	5.0	.5
Wives .....	14,834	14,511	236	250	5.9	1.3
Others in married-couple families .....	6,062	5,809	209	214	2.7	-1.7
Women who maintain families .....	3,945	4,014	234	250	8.8	2.3
Others in such families .....	2,376	2,226	207	220	6.3	1.7
Men who maintain families .....	1,352	1,276	381	370	2.4	-2.0
Others in such families .....	943	828	218	232	6.2	1.6
All other men <sup>1</sup> .....	6,622	6,382	334	349	4.4	-.1
All other women <sup>1</sup> .....	5,964	5,819	256	284	11.2	6.4
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	62,608	60,503	308	325	5.4	.9
Men .....	38,167	36,667	370	390	5.4	.9
Women .....	24,422	23,835	234	251	7.5	2.9
Black .....	7,527	7,117	248	254	2.6	-1.7
Men .....	4,000	3,726	282	287	1.6	-2.7
Women .....	3,527	3,390	218	228	4.8	.3
Hispanic origin .....	4,373	3,994	235	243	3.2	-1.2
Men .....	2,780	2,544	260	271	4.3	-.2
Women .....	1,594	1,450	203	209	3.3	-1.1

<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

is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	IV 1981	IV 1982	IV 1981	IV 1982	Percent change over the year in:	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over .....	16,507	17,589	\$81	\$83	2.5	-1.9
Men, 16 years and over .....	5,110	5,498	76	80	5.6	1.1
18 to 24 years .....	3,168	3,233	66	68	2.8	-1.6
25 years and over .....	1,942	2,265	101	103	1.8	-2.5
Women, 16 years and over .....	11,397	12,091	82	84	1.7	-2.7
16 to 24 years .....	3,878	4,180	65	65	.8	-3.7
25 years and over .....	7,518	7,911	99	100	1.7	-2.7
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	1,320	1,530	102	104	2.2	-2.1
Wives .....	5,933	6,260	100	101	1.5	-2.9
Others in married-couple families .....	4,700	4,933	81	83	2.7	-1.7
Women who maintain families .....	917	885	98	90	-8.4	-12.3
Others in such families .....	1,039	1,181	67	68	1.4	-2.9
Men who maintain families .....	88	113	( <sup>1</sup> )	95	( <sup>1</sup> )	( <sup>1</sup> )
Others in such families .....	313	307	\$89	78	12.3	7.5
All other men <sup>2</sup> .....	743	864	95	92	-2.3	-8.5
All other women <sup>2</sup> .....	1,454	1,538	84	91	9.0	4.3
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	14,784	15,506	81	83	2.7	-1.7
Men .....	4,537	4,736	76	80	8.0	1.4
Women .....	10,247	10,770	82	84	1.8	-2.6
Black .....	1,439	1,676	80	81	1.6	-2.7
Men .....	470	608	79	83	6.0	1.5
Women .....	969	1,068	80	80	-5	-4.7
Hispanic origin .....	706	688	79	82	3.2	-1.2
Men .....	285	230	80	83	4.0	-4
Women .....	421	458	77	81	4.4	-

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

<sup>2</sup> The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband

is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-76. 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			
	IV 1981	IV 1982	IV 1981	IV 1982	Percent change over the year in:	
					Current dollars	Constant dollars
<b>TOTAL</b>						
Professional and technical workers .....	13,429	13,245	\$399	\$423	6.0	1.5
Managers and administrators, except farm .....	7,683	7,775	410	433	5.7	1.2
Sales workers .....	3,594	3,899	316	326	3.2	-1.2
Clerical workers .....	13,823	13,744	238	255	7.1	2.6
Craft and kindred workers .....	10,307	9,875	362	379	4.7	.2
Operatives, except transport .....	9,112	7,604	246	258	4.7	.2
Transport equipment operatives .....	2,772	2,585	314	327	4.2	-.2
Nonfarm laborers .....	3,034	2,914	250	243	-2.7	-6.9
Service workers .....	7,366	7,265	199	206	3.2	-1.2
Farm workers .....	734	775	182	198	8.8	4.1
<b>Men</b>						
Professional and technical workers .....	7,663	7,540	464	498	7.3	2.7
Managers and administrators, except farm .....	5,375	5,427	473	507	7.3	2.7
Sales workers .....	2,404	2,468	375	388	3.6	-.8
Clerical workers .....	2,924	2,896	329	361	9.9	5.2
Craft and kindred workers .....	9,690	9,227	371	388	4.7	.2
Operatives, except transport .....	5,555	4,591	307	317	3.1	-1.3
Transport equipment operatives .....	2,644	2,489	319	333	4.5	-
Nonfarm laborers .....	2,700	2,582	261	251	-3.8	-7.9
Service workers .....	3,559	3,563	245	248	1.2	-3.1
Farm workers .....	641	710	186	201	8.2	3.5
<b>Women</b>						
Professional and technical workers .....	5,787	5,705	327	357	9.1	4.4
Managers and administrators, except farm .....	2,308	2,347	302	316	4.5	-
Sales workers .....	1,190	1,231	190	223	17.1	12.1
Clerical workers .....	10,899	10,848	226	241	6.4	1.8
Craft and kindred workers .....	617	648	254	246	-3.3	-7.4
Operatives, except transport .....	3,557	3,012	189	202	8.9	2.4
Transport equipment operatives .....	128	115	223	227	1.8	-2.5
Nonfarm laborers .....	334	331	190	195	2.4	-2.0
Service workers .....	3,807	3,701	171	178	3.9	-.5
Farm workers .....	93	65	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

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

NOTE: Publication of quarterly occupational data for the 1970 cen-

sus categories shown above will be discontinued with this issue of *Employment and Earnings*

**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			
	1981	1982	1981	1982	Percent change over the year in:	
					Current dollars	Constant dollars
<b>TOTAL</b>						
Total families with earners <sup>1</sup> .....	41,360	40,844	\$434	\$452	4.2	-1.7
Married-couple families .....	33,807	33,225	473	498	5.0	-1.0
One earner .....	14,566	14,592	332	343	3.4	-2.5
Husband .....	11,782	11,426	373	396	6.0	.0
Wife .....	2,156	2,465	180	194	7.8	1.7
Other family member .....	628	700	183	192	4.8	-1.1
Two or more earners .....	19,241	18,633	585	619	5.8	-2
Husband and wife .....	16,319	15,841	590	627	6.4	.4
Husband and other family member(s) .....	2,338	2,167	601	624	3.9	-2.0
Wife and other family member(s) .....	439	475	371	391	5.4	-.6
Other family members only .....	145	151	373	400	7.3	1.2
Families maintained by women .....	5,875	5,933	240	253	5.5	-.5
One earner .....	4,225	4,253	196	211	6.2	.2
Householder .....	3,292	3,363	204	217	6.1	.1
Other family member .....	933	891	177	187	5.8	-.2
Two or more earners .....	1,649	1,680	397	420	5.8	-.1
Families maintained by men .....	1,678	1,686	382	403	5.5	-.4
One earner .....	1,068	1,077	311	331	6.5	.5
Two or more earners .....	610	809	532	558	4.9	-1.0
<b>White</b>						
Total families with earners <sup>1</sup> .....	35,891	35,413	448	468	4.8	-1.1
Married-couple families .....	30,285	29,723	480	504	4.9	-1.0
One earner .....	13,152	13,164	342	355	3.7	-2.2
Husband .....	10,778	10,429	382	405	5.9	-.1
Wife .....	1,820	2,101	180	195	8.3	2.2
Two or more earners .....	17,133	16,559	592	626	5.8	-.1
Husband and wife .....	14,501	14,034	595	634	6.5	.5
Families maintained by women .....	4,248	4,325	248	287	7.8	1.6
Families maintained by men .....	1,361	1,366	397	418	5.2	-.7
<b>Black</b>						
Total families with earners <sup>1</sup> .....	4,567	4,479	320	329	2.9	-2.9
Married-couple families .....	2,787	2,729	392	410	4.5	-1.4
One earner .....	1,115	1,101	237	241	1.8	-4.2
Husband .....	770	742	269	271	1.0	-4.7
Wife .....	289	309	175	189	7.9	1.8
Two or more earners .....	1,671	1,628	508	540	8.2	.2
Husband and wife .....	1,446	1,425	519	553	8.5	.5
Families maintained by women .....	1,513	1,465	218	220	1.6	-4.2
Families maintained by men .....	267	266	309	334	8.3	2.2
<b>Hispanic origin</b>						
Total families with earners <sup>1</sup> .....	2,528	2,429	351	359	2.5	-3.3
Married-couple families .....	1,995	1,925	385	393	2.1	-3.7
One earner .....	946	929	248	265	7.0	1.0
Husband .....	802	782	273	287	5.4	-.5
Wife .....	99	103	166	178	6.1	.1
Two or more earners .....	1,049	996	491	517	5.2	-.8
Husband and wife .....	826	799	501	527	5.1	-.8
Families maintained by women .....	379	373	212	224	5.8	-.2
Families maintained by men .....	154	131	290	338	18.5	9.9

<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.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**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			
	1981	1982	1981	1982	Percent change over the year in:	
					Current dollars	Constant dollars
Married-couple families <sup>1</sup> .....	3,340	4,107	\$339	\$347	2.1	-3.7
Husband unemployed .....	897	1,300	189	200	5.8	-2
Wife only earner .....	702	1,013	180	189	4.9	-1.0
Wife and other earner(s) .....	106	153	349	371	8.3	.3
Other earner(s) only .....	90	134	145	161	11.0	4.7
Wife unemployed .....	1,105	1,301	328	348	8.3	.3
Husband only earner .....	949	1,114	309	330	8.9	.9
Husband and other earner(s) .....	137	167	537	584	8.9	2.7
Other earner(s) only .....	19	20	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other member(s) unemployed .....	1,337	1,506	\$515	\$537	4.3	-1.8
Husband or wife earner .....	624	660	409	424	3.6	-2.3
Both husband and wife earners .....	666	799	628	646	3.1	-2.7
Other combinations of earners .....	47	48	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Families maintained by women <sup>1</sup> .....	683	750	\$219	\$227	3.5	-2.4
Householder unemployed .....	90	102	148	152	4.2	-1.7
Other member(s) unemployed .....	594	647	226	241	5.7	-3
Families maintained by men <sup>1</sup> .....	203	232	290	299	2.9	-3.0

<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			
	1981	1982	1981	1982	Percent change over the year in:	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over .....	72,491	70,546	\$289	\$309	7.1	1.0
Men, 16 years and over .....	43,888	42,279	347	371	6.9	.8
16 to 24 years .....	7,672	6,870	225	231	3.0	-2.9
25 years and over .....	36,216	35,409	378	403	6.6	.6
Women, 16 years and over .....	28,603	28,267	224	241	7.6	1.5
16 to 24 years .....	6,030	5,507	184	194	5.3	-7
25 years and over .....	22,573	22,760	237	257	8.3	2.2
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	30,087	28,962	382	407	6.3	.3
Wives .....	14,762	14,553	229	248	7.5	1.4
Others in married-couple families .....	8,634	6,137	198	207	5.5	-5
Women who maintain families .....	3,916	4,006	228	243	6.9	.9
Others in such families .....	2,383	2,313	202	216	8.8	.7
Men who maintain families .....	1,348	1,341	342	385	6.8	.8
Others in such families .....	860	825	211	228	8.0	1.9
All other men <sup>1</sup> .....	6,717	6,598	323	345	6.9	.9
All other women <sup>1</sup> .....	5,787	5,811	246	270	9.9	3.7
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	63,241	61,463	298	317	7.2	1.2
Men .....	38,874	37,435	358	382	7.2	1.1
Women .....	24,367	24,029	226	244	7.8	1.7
Black .....	7,499	7,281	238	247	3.9	-1.9
Men .....	4,023	3,836	271	281	3.9	-2.0
Women .....	3,477	3,445	210	223	6.1	.1
Hispanic origin .....	4,284	4,056	229	242	5.8	-2
Men .....	2,759	2,573	252	272	7.8	1.7
Women .....	1,525	1,483	192	207	7.8	1.5

<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 is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	1981	1982	1981	1982	Percent change over the year in:	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over .....	16,025	16,822	\$81	\$83	29.6	-28.4
Men, 16 years and over .....	4,958	5,312	78	60	33.8	-24.6
16 to 24 years .....	3,079	3,153	68	68	13.5	-43.8
25 years and over .....	1,877	2,160	101	104	23.0	-34.9
Women, 16 years and over .....	11,069	11,510	82	85	33.1	-25.2
16 to 24 years .....	3,782	3,919	67	67	11.0	-46.1
25 years and over .....	7,267	7,591	93	100	74.3	13.6
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	1,301	1,474	101	104	30.3	-27.9
Wives .....	5,847	6,031	94	101	68.3	6.0
Others in married-couple families .....	4,591	4,674	64	65	3.4	-53.3
Women who maintain families .....	628	851	91	94	27.5	-30.6
Others in such families .....	1,047	1,144	67	69	24.4	-39.5
Men who maintain families .....	80	93	85	103	207.5	139.3
Others in such families .....	283	296	71	75	46.6	-12.4
All other men <sup>1</sup> .....	699	605	101	100	-7.0	-63.1
All other women <sup>1</sup> .....	1,350	1,454	84	91	84.4	23.2
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	14,252	14,949	81	83	34.3	-24.2
Men .....	4,344	4,627	77	80	44.8	-14.3
Women .....	9,908	10,322	82	85	41.9	-17.0
Black .....	1,468	1,500	80	80	-6.3	-62.4
Men .....	499	521	61	61	-1.0	-57.5
Women .....	969	979	80	79	-13.1	-68.9
Hispanic origin .....	718	735	83	84	15.4	-42.0
Men .....	267	277	61	83	29.2	-29.0
Women .....	451	458	84	85	13.3	-44.0

<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

is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

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			
	1981	1982	1981	1982	Percent change over the year in:	
					Current dollars	Constant dollars
<b>TOTAL</b>						
Professional and technical workers .....	12,870	12,983	\$377	\$410	8.9	2.7
Managers and administrators, except farm .....	7,964	7,908	407	430	5.8	-3
Sales workers .....	3,601	3,643	306	317	3.4	-2.4
Clerical workers .....	14,068	13,845	233	248	8.7	.6
Craft and kindred workers .....	10,558	10,068	352	375	8.5	.5
Operatives, except transport .....	9,440	8,291	242	252	4.1	-1.8
Transport equipment operatives .....	2,792	2,638	303	323	8.7	.7
Nonfarm laborers .....	3,227	3,092	238	243	2.1	-3.7
Service workers .....	7,305	7,312	192	203	5.6	-4
Farm workers .....	768	765	179	190	6.5	.4
<b>Men</b>						
Professional and technical workers .....	7,358	7,379	439	484	10.2	4.0
Managers and administrators, except farm .....	5,630	5,595	466	507	8.8	2.6
Sales workers .....	2,412	2,418	366	383	4.8	-1.3
Clerical workers .....	3,032	2,997	328	347	5.8	-2
Craft and kindred workers .....	9,863	9,417	360	384	8.7	.7
Operatives, except transport .....	5,775	4,998	298	311	4.4	-1.5
Transport equipment operatives .....	2,856	2,508	307	328	8.8	.8
Nonfarm laborers .....	2,893	2,757	244	248	1.7	-4.0
Service workers .....	3,492	3,528	238	245	3.2	-2.8
Farm workers .....	677	686	163	192	4.8	-1.2
<b>Women</b>						
Professional and technical workers .....	5,512	5,604	316	342	8.4	2.3
Managers and administrators, except farm .....	2,235	2,313	263	309	9.2	3.0
Sales workers .....	1,189	1,227	190	212	11.4	5.1
Clerical workers .....	11,034	10,848	220	238	7.3	1.3
Craft and kindred workers .....	595	651	239	247	3.3	-2.8
Operatives, except transport .....	3,664	3,294	187	198	5.6	-4
Transport equipment operatives .....	136	133	237	237	.2	-5.5
Nonfarm laborers .....	335	335	193	205	6.3	.2
Service workers .....	3,613	3,784	165	175	6.1	.1
Farm workers .....	90	79	148	174	17.8	11.1

NOTE: Publication of annual occupational data for the 1970 census categories shown above will be discontinued with this issue of

*Employment and Earnings*

# ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

## B-1. Employees on nonagricultural payrolls by industry division, 1932 to date

(In thousands)

Year and month	Goods-producing										Service-producing						
	Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government					
							Total	Wholesale trade	Retail trade			Total	Federal	State and local			
<b>Annual averages</b>																	
1932.....	23,615	8,647	731	985	6,931	14,968	2,816	4,683	-	-	1,326	2,918	3,225	559	2,666		
1933.....	23,699	8,965	744	824	7,397	14,734	2,672	4,755	-	-	1,280	2,861	3,166	565	2,601		
1934.....	25,940	10,261	883	877	8,501	15,679	2,750	5,281	-	-	1,304	3,045	3,299	652	2,647		
1935.....	27,039	10,893	897	927	9,069	16,146	2,786	5,431	-	-	1,320	3,128	3,481	753	2,728		
1936.....	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	-	-	1,373	3,312	3,668	826	2,842		
1937.....	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	-	-	1,417	3,503	3,756	833	2,923		
1938.....	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	-	-	1,410	3,458	3,883	829	3,054		
1939.....	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090		
1940.....	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206		
1941.....	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320		
1942.....	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270		
1943.....	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175		
1944.....	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116		
1945.....	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137		
1946.....	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341		
1947.....	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582		
1948.....	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787		
1949.....	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948		
1950.....	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098		
1951.....	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087		
1952.....	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188		
1953.....	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340		
1954.....	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563		
1955.....	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727		
1956.....	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069		
1957.....	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399		
1958.....	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648		
1959.....	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850		
1960.....	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083		
1961.....	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315		
1962.....	55,549	20,451	650	2,948	16,853	35,093	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550		
1963.....	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868		
1964.....	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248		
1965.....	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696		
1966.....	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220		
1967.....	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672		
1968.....	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102		
1969.....	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437		
1970.....	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823		
1971.....	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185		
1972.....	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649		
1973.....	76,790	24,793	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068		
1974.....	78,265	24,894	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446		
1975.....	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937		
1976.....	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138		
1977.....	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399		
1978.....	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919		
1979.....	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174		
1980.....	90,406	25,658	1,027	4,346	20,285	64,748	5,146	20,310	5,275	15,035	5,160	17,890	16,241	2,866	13,375		
1981.....	91,105	25,481	1,132	4,176	20,173	65,625	5,157	20,551	5,359	15,192	5,301	18,592	16,024	2,772	13,253		
1982.....	89,630	23,882	1,121	3,913	18,848	65,748	5,058	20,551	5,294	15,258	5,350	19,001	15,788	2,739	13,050		
<b>Monthly data, seasonally adjusted</b>																	
<b>1982:</b>																	
March.....	90,304	24,450	1,197	3,934	19,319	65,854	5,100	20,655	5,336	15,319	5,336	18,904	15,859	2,736	13,123		
April.....	90,083	24,289	1,182	3,938	19,169	65,794	5,094	20,584	5,323	15,261	5,335	18,929	15,852	2,730	13,122		
May.....	90,166	24,255	1,152	3,988	19,115	65,911	5,101	20,652	5,331	15,321	5,342	18,963	15,853	2,728	13,125		
June.....	89,839	23,994	1,124	3,940	18,930	65,845	5,078	20,595	5,307	15,288	5,352	18,988	15,832	2,739	13,093		
July.....	89,535	23,840	1,100	3,927	18,813	65,695	5,044	20,615	5,299	15,316	5,359	19,042	15,635	2,737	12,898		
August.....	89,313	23,657	1,086	3,899	18,672	65,656	5,025	20,550	5,278	15,272	5,360	19,048	15,673	2,740	12,933		
September.....	89,264	23,530	1,075	3,883	18,572	65,734	5,031	20,492	5,272	15,220	5,367	19,084	15,760	2,731	13,029		
October.....	88,877	23,239	1,058	3,856	18,325	65,638	5,007	20,441	5,254	15,187	5,357	19,074	15,759	2,740	13,019		
November.....	88,750	23,081	1,046	3,854	18,181	65,669	4,992	20,425	5,228	15,197	5,363	19,135	15,754	2,745	13,009		
December.....	88,565	22,986	1,037	3,818	18,131	65,579	4,983	20,316	5,205	15,111	5,377	19,148	15,755	2,761	12,994		
<b>1983:</b>																	
January.....	88,920	23,162	1,027	3,927	18,208	65,758	4,949	20,487	5,197	15,290	5,384	19,200	15,738	2,749	12,989		
February.....	88,735	23,016	1,005	3,789	18,224	65,717	4,937	20,435	5,187	15,248	5,403	19,205	15,737	2,751	12,986		
March.....																	

# ESTABLISHMENT DATA EMPLOYMENT

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

[In thousands]

1982 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
-	<b>TOTAL</b> .....	89,413	89,679	87,743	87,718	88,240	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	73,328	73,503	72,004	71,748	72,210	59,094	59,257	57,876	57,647	58,055
-	<b>MINING</b> .....	1,180	1,178	1,012	986	978	858	855	705	680	675
10	<b>METAL MINING</b> .....	90.5	86.6	61.1	59.8	-	67.7	64.3	43.9	43.1	-
101	Iron ores .....	18.0	15.2	7.7	7.1	-	13.9	11.3	5.1	4.7	-
102	Copper ores .....	32.0	31.6	20.9	20.1	-	24.2	23.8	15.1	14.3	-
11, 12	<b>COAL MINING</b> .....	249.1	249.9	204.5	199.0	-	206.1	206.2	163.5	158.6	-
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	245.6	246.5	201.5	196.3	-	203.0	203.2	160.8	156.3	-
13	<b>OIL AND GAS EXTRACTION</b> .....	737.3	725.3	646.7	629.0	-	508.6	505.8	425.0	406.8	-
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	281.5	283.3	292.0	291.0	-	119.5	121.0	130.4	128.1	-
138	Oil and gas field services .....	455.8	452.0	354.7	338.0	-	389.1	384.8	294.6	278.7	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	102.6	106.3	99.4	97.7	-	75.3	79.1	72.8	71.6	-
142	Crushed and broken stone .....	29.0	30.9	29.7	29.8	-	22.1	24.1	22.2	22.2	-
144	Sand and gravel .....	26.8	28.6	27.8	26.9	-	-	-	-	-	-
147	Chemical and fertilizer minerals .....	26.7	26.4	22.9	22.0	-	-	-	-	-	-
-	<b>CONSTRUCTION</b> .....	3,559	3,631	3,546	3,395	3,478	2,660	2,733	2,651	2,504	2,583
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	906.2	914.4	886.1	853.5	-	651.1	661.5	634.2	602.8	-
152	Residential building construction .....	416.7	419.5	429.2	411.7	-	283.7	287.8	296.1	278.8	-
153	Operative builders .....	49.3	49.0	48.0	48.3	-	24.4	24.4	24.0	24.8	-
154	Nonresidential building construction .....	440.2	445.9	408.9	393.5	-	343.0	349.3	314.1	299.2	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	748.8	781.3	726.0	698.4	-	577.8	607.9	560.1	532.0	-
161	Highway and street construction .....	156.1	169.7	155.2	144.6	-	118.9	131.9	120.2	109.4	-
162	Heavy construction, except highway .....	592.7	611.6	570.8	553.8	-	458.9	476.0	439.9	422.6	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	1,903.7	1,935.7	1,934.0	1,843.4	-	1,431.4	1,463.3	1,456.3	1,369.1	-
171	Plumbing, heating, air conditioning .....	489.3	485.7	474.6	464.6	-	354.4	350.6	338.8	329.9	-
172	Painting, paper hanging, decorating .....	109.0	112.8	111.4	108.3	-	86.9	90.2	88.7	85.5	-
173	Electrical work .....	390.3	392.3	381.8	370.1	-	296.1	298.3	286.1	274.7	-
174	Masonry, stonework, and plastering .....	271.2	275.0	286.9	273.3	-	224.8	228.7	238.1	225.5	-
175	Carpentering and flooring .....	101.3	102.7	111.0	107.5	-	71.3	73.4	81.6	78.5	-
176	Roofing and sheet metal work .....	126.9	132.5	141.1	123.5	-	96.0	101.6	109.1	92.5	-
-	<b>MANUFACTURING</b> .....	19,299	19,207	18,044	18,069	18,147	13,168	13,093	12,104	12,146	12,227
24, 25, 32-39	<b>DURABLE GOODS</b> .....	11,503	11,454	10,510	10,535	10,593	7,705	7,664	6,858	6,889	6,952
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	7,796	7,753	7,534	7,534	7,554	5,463	5,429	5,246	5,257	5,275
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	592.9	592.0	611.9	622.2	630.1	485.0	483.9	508.6	514.4	521.2
241	Logging camps and logging contractors .....	70.0	67.4	75.6	74.7	-	53.6	50.9	59.3	58.7	-
242	Sawmills and planing mills .....	185.7	186.7	194.5	199.1	-	162.5	163.6	170.1	174.5	-
2421	Sawmills and planing mills, general .....	155.4	156.1	162.4	166.9	-	136.7	137.3	142.3	146.6	-
2426	Hardwood dimension and flooring .....	26.4	26.5	27.4	27.7	-	22.4	22.6	23.6	23.9	-
243	Millwork, plywood, and structural members .....	166.1	164.8	176.3	179.4	-	134.0	132.0	143.4	146.4	-
2431	Millwork .....	58.7	57.9	65.9	66.7	-	45.5	44.6	51.9	52.8	-
2434	Wood kitchen cabinets .....	39.6	38.2	38.7	39.5	-	30.8	29.6	30.0	30.7	-
2435	Hardwood veneer and plywood .....	22.4	22.3	20.9	21.0	-	19.6	19.3	18.1	18.2	-
2436	Softwood veneer and plywood .....	34.3	34.7	37.1	38.2	-	30.3	30.0	33.0	34.0	-
244	Wood containers .....	39.3	39.5	37.6	38.3	-	33.0	33.2	31.3	32.0	-
245	Wood buildings and mobile homes .....	56.8	58.8	57.7	59.8	-	39.5	42.0	42.9	44.3	-
2461	Mobile homes .....	43.4	45.5	43.9	45.8	-	31.8	34.2	34.0	35.5	-
249	Miscellaneous wood products .....	75.0	74.8	70.2	70.9	-	62.4	62.2	57.6	58.5	-
26	<b>FURNITURE AND FIXTURES</b> .....	450.8	446.3	437.9	436.7	444.1	357.9	353.6	345.0	344.2	351.8
261	Household furniture .....	283.6	279.7	273.1	274.1	-	234.4	230.9	224.6	226.1	-
2611	Wood household furniture .....	126.7	124.0	122.2	121.9	-	109.1	106.6	104.6	104.6	-
2612	Upholstered household furniture .....	84.1	83.5	83.1	83.3	-	67.5	66.9	66.9	67.1	-
2614	Metal household furniture .....	31.2	30.8	30.5	31.8	-	25.1	24.8	24.4	25.9	-
2615	Mattresses and bedspreads .....	28.6	28.5	27.6	28.2	-	21.5	21.5	20.5	21.1	-
262	Office furniture .....	55.2	54.7	54.3	52.6	-	42.7	41.9	41.4	39.7	-
263	Public building and related furniture .....	23.4	23.4	21.5	21.5	-	17.5	17.6	15.8	15.8	-
264	Partitions and fixtures .....	58.8	58.4	56.1	55.7	-	43.0	42.6	40.8	40.3	-
269	Miscellaneous furniture and fixtures .....	29.8	30.1	32.9	32.8	-	20.3	20.6	22.4	22.3	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
<b>32</b>	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	<b>571.5</b>	<b>574.2</b>	<b>535.0</b>	<b>531.0</b>	<b>540.5</b>	<b>429.7</b>	<b>433.0</b>	<b>401.2</b>	<b>397.4</b>	<b>406.6</b>
321	Flat glass	15.3	15.5	15.7	15.7	-	11.6	11.7	12.4	12.4	-
322	Glass and glassware, pressed or blown	115.2	114.6	103.7	102.9	-	97.1	96.5	86.5	85.8	-
3221	Glass containers	64.6	64.2	59.6	58.7	-	56.6	56.3	52.3	51.4	-
3229	Pressed and blown glass, nec	50.6	50.4	44.1	44.2	-	40.5	40.2	34.2	34.4	-
323	Products of purchased glass	40.9	40.9	39.0	40.1	-	27.5	27.3	26.0	26.9	-
324	Cement, hydraulic	27.8	28.4	26.2	25.9	-	21.8	22.3	20.3	20.0	-
325	Structural clay products	34.4	33.6	32.6	32.2	-	24.8	24.4	23.7	23.5	-
326	Pottery and related products	39.1	39.4	37.3	36.5	-	31.6	32.1	29.8	29.0	-
327	Concrete, gypsum, and plaster products	160.9	164.8	159.0	154.9	-	117.9	121.9	117.5	113.1	-
3271	Concrete block and brick	16.0	16.4	16.6	16.5	-	10.3	10.6	10.8	10.6	-
3272	Concrete products, nec	57.7	58.6	52.9	53.0	-	41.6	42.4	37.5	37.4	-
3273	Ready-mixed concrete	69.1	71.8	72.2	68.2	-	51.5	54.4	55.4	51.5	-
329	Misc. nonmetallic mineral products	126.5	125.4	111.0	112.0	-	88.3	87.5	76.9	78.1	-
3291	Abrasive products	26.5	26.0	22.2	22.2	-	17.2	16.8	13.9	13.9	-
3292	Asbestos products	14.5	14.5	13.4	13.4	-	10.8	10.7	10.0	10.0	-
3296	Mineral wool	27.8	27.2	25.6	25.8	-	-	-	-	-	-
<b>33</b>	<b>PRIMARY METAL INDUSTRIES</b>	<b>1,018.4</b>	<b>1,004.4</b>	<b>812.3</b>	<b>801.6</b>	<b>813.6</b>	<b>765.3</b>	<b>753.9</b>	<b>595.2</b>	<b>588.9</b>	<b>601.5</b>
331	Blast furnace and basic steel products	450.5	439.9	332.2	319.2	-	339.6	330.4	246.1	235.0	-
3312	Blast furnaces and steel mills	374.4	364.9	274.3	261.2	-	282.9	274.8	204.5	193.5	-
3317	Steel pipe and tubes	28.8	28.3	20.2	20.3	-	21.7	21.2	13.9	14.0	-
332	Iron and steel foundries	182.0	180.9	136.2	137.1	-	142.5	141.5	101.6	103.0	-
3321	Gray iron foundries	107.9	107.3	85.9	87.4	-	86.5	86.0	66.2	68.1	-
3322	Malleable iron foundries	14.1	14.1	10.7	11.0	-	10.6	10.6	7.6	7.9	-
3325	Steel foundries, nec	47.3	47.0	29.9	29.0	-	36.8	36.4	21.4	20.6	-
333	Primary nonferrous metals	64.9	62.9	52.2	51.5	-	47.3	46.0	36.8	36.6	-
3334	Primary aluminum	32.3	31.0	26.1	25.4	-	24.1	23.3	19.1	18.6	-
335	Nonferrous rolling and drawing	190.7	191.1	175.5	175.7	-	135.1	135.8	122.6	123.8	-
3351	Copper rolling and drawing	26.5	26.1	23.3	23.7	-	19.8	19.4	16.8	17.0	-
3353	Aluminum sheet, plate, and foil	30.2	30.8	29.0	28.9	-	22.8	23.5	22.3	22.4	-
3357	Nonferrous wire drawing and insulating	82.7	82.4	74.9	76.0	-	58.4	58.3	52.5	53.7	-
336	Nonferrous foundries	83.7	83.3	76.3	77.6	-	66.6	66.2	59.4	61.3	-
3361	Aluminum foundries	48.1	48.0	44.1	44.9	-	39.0	39.0	35.4	36.5	-
<b>34</b>	<b>FABRICATED METAL PRODUCTS</b>	<b>1,500.3</b>	<b>1,491.3</b>	<b>1,362.4</b>	<b>1,364.7</b>	<b>1,368.9</b>	<b>1,083.3</b>	<b>1,076.7</b>	<b>976.3</b>	<b>981.1</b>	<b>987.7</b>
341	Metal cans and shipping containers	67.7	67.7	64.3	65.0	-	57.2	57.2	54.2	54.8	-
3411	Metal cans	55.4	55.5	52.5	53.0	-	47.6	47.7	45.2	45.6	-
342	Cutlery, hand tools, and hardware	145.1	143.4	130.3	131.4	-	106.9	105.8	94.4	95.6	-
3423.5	Hand and edge tools, and hand saws and blades	51.5	50.7	42.5	42.6	-	38.7	38.3	30.9	30.9	-
3426	Hardware, nec	79.4	78.7	74.9	76.0	-	58.2	57.7	54.7	56.0	-
343	Plumbing and heating, except electric	67.4	66.7	67.3	67.3	-	47.1	46.5	47.7	47.7	-
3432	Plumbing fittings and brass goods	27.0	27.1	27.3	27.7	-	21.3	21.4	21.5	21.8	-
3433	Heating equipment, except electric	30.1	29.2	29.9	29.4	-	19.3	18.6	19.4	18.9	-
344	Fabricated structural metal products	477.4	472.5	430.5	425.8	-	318.5	314.3	286.4	282.6	-
3441	Fabricated structural metal	96.5	93.7	79.6	77.9	-	68.3	65.6	54.7	53.3	-
3442	Metal doors, sash, and trim	72.8	72.7	78.5	77.8	-	51.1	51.2	56.1	55.6	-
3443	Fabricated plate work (boiler shops)	142.2	140.7	115.8	114.6	-	84.3	83.2	67.4	66.8	-
3444	Sheet metal work	103.4	103.4	97.3	97.7	-	74.1	74.1	68.8	68.8	-
3446	Architectural metal work	28.9	28.8	28.3	28.1	-	20.1	20.0	19.6	19.4	-
345	Screw machine products, bolts, etc.	98.2	97.2	84.1	84.4	-	74.2	73.3	62.0	62.2	-
3451	Screw machine products	45.2	45.0	38.9	39.0	-	35.8	35.6	30.0	30.1	-
3452	Bolts, nuts, rivets, and washers	53.0	52.2	45.2	45.4	-	38.4	37.7	32.0	32.1	-
346	Metal forgings and stampings	232.8	234.7	211.8	216.3	-	181.0	183.7	164.9	169.8	-
3462	Iron and steel forgings	40.1	39.4	29.2	28.8	-	30.7	30.1	21.3	21.1	-
3465	Automotive stampings	81.7	84.2	81.1	85.1	-	66.8	69.8	67.9	71.9	-
3469	Metal stampings, nec	99.1	99.2	90.7	91.7	-	74.4	74.7	67.7	68.9	-
347	Metal services, nec	96.9	96.6	88.0	88.7	-	77.2	76.8	68.9	69.9	-
3471	Plating and polishing	65.4	65.1	61.7	62.2	-	53.1	52.9	49.7	50.4	-
3479	Metal coating and allied services	31.5	31.5	26.3	26.5	-	24.1	23.9	19.2	19.5	-
348	Ordnance and accessories, nec	71.0	71.3	70.7	71.2	-	45.5	45.7	45.8	46.6	-
3483	Ammunition, exc. for small arms, nec	26.9	27.0	27.8	28.2	-	17.3	17.5	18.2	18.9	-
349	Misc. fabricated metal products	243.8	241.2	215.4	214.6	-	175.7	173.4	152.0	151.9	-
3494	Valves and pipe fittings	102.6	101.6	86.4	85.6	-	69.0	68.2	55.4	55.5	-
3496	Misc. fabricated wire products	51.7	51.8	50.1	49.8	-	39.5	39.4	37.6	37.3	-
<b>35</b>	<b>MACHINERY, EXCEPT ELECTRICAL</b>	<b>2,458.5</b>	<b>2,428.8</b>	<b>2,071.6</b>	<b>2,075.3</b>	<b>2,074.5</b>	<b>1,526.8</b>	<b>1,499.3</b>	<b>1,196.5</b>	<b>1,198.4</b>	<b>1,202.7</b>
351	Engines and turbines	128.1	123.8	100.7	102.0	-	81.3	77.6	59.7	60.1	-
3511	Turbines and turbine generator sets	44.4	44.1	40.7	40.3	-	23.8	23.7	21.8	21.6	-
3519	Internal combustion engines, nec	83.7	79.7	60.0	61.7	-	57.5	53.9	37.9	38.5	-
352	Farm and garden machinery	149.5	134.3	115.7	122.8	-	99.9	86.6	73.0	78.0	-
3523	Farm machinery and equipment	124.6	109.6	92.2	98.5	-	81.0	68.1	56.0	61.1	-
353	Construction and related machinery	402.5	396.3	259.6	256.8	-	260.4	255.0	140.4	137.9	-
3531	Construction machinery	139.0	135.9	76.6	75.7	-	88.6	85.9	33.0	31.6	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>											
3532	Mining machinery.....	37.3	36.9	25.0	25.3	-	23.1	22.9	13.6	14.3	-
3533	Oil field machinery.....	128.7	128.9	80.9	79.3	-	90.3	90.1	50.7	49.3	-
3535	Conveyers and conveying equipment.....	34.2	33.8	28.3	28.0	-	18.6	18.3	14.1	14.1	-
3537	Industrial trucks and tractors.....	33.4	32.0	25.1	25.5	-	21.4	20.1	14.4	14.6	-
354	Metalworking machinery.....	348.9	344.5	285.9	283.1	-	247.6	243.6	197.4	194.9	-
3541	Machine tools, metal cutting types.....	73.3	72.2	50.4	49.6	-	46.3	45.1	29.3	28.4	-
3542	Machine tools, metal forming types.....	23.2	22.9	16.6	16.1	-	14.5	14.2	9.4	9.2	-
3544	Special dies, tools, jigs, and fixtures.....	132.8	132.3	121.3	121.3	-	104.0	103.5	93.4	93.4	-
3545	Machine tool accessories.....	67.7	66.2	52.9	52.2	-	46.7	45.6	35.1	34.4	-
3546	Power driven hand tools.....	28.2	27.6	24.3	23.9	-	20.8	20.2	17.5	17.2	-
355	Special industry machinery.....	187.9	187.1	167.0	165.1	-	116.9	115.7	98.8	96.9	-
3551	Food products machinery.....	42.5	42.7	38.8	38.1	-	27.2	27.2	24.3	23.8	-
3552	Textile machinery.....	23.7	23.9	21.4	21.2	-	16.1	16.0	14.2	13.9	-
3556	Printing trades machinery.....	38.6	38.2	36.5	36.6	-	23.7	23.3	21.1	20.9	-
356	General industrial machinery.....	309.4	305.8	248.9	248.5	-	197.8	194.7	151.6	151.5	-
3561	Pumps and pumping equipment.....	61.7	61.5	51.0	50.6	-	36.0	35.8	28.4	28.0	-
3562	Ball and roller bearings.....	52.1	51.4	40.3	41.0	-	39.4	38.7	29.6	30.4	-
3563	Air and gas compressors.....	31.2	31.0	25.3	25.0	-	17.8	17.5	13.0	12.9	-
3564	Blowers and fans.....	38.7	38.5	33.6	33.8	-	23.8	23.9	20.4	20.4	-
3566	Speed changers, drives, and gears.....	25.4	24.9	18.2	18.0	-	17.5	17.1	11.3	11.1	-
3568	Power transmission equipment, nec.....	22.3	21.8	16.0	16.2	-	15.6	15.2	10.4	10.5	-
357	Office and computing machines.....	481.6	485.1	496.3	496.6	-	192.9	194.7	194.6	195.1	-
3573	Electronic computing equipment.....	409.8	413.5	428.1	429.1	-	156.1	158.2	159.8	160.8	-
358	Refrigeration and service machinery.....	169.4	168.6	153.8	156.3	-	117.3	116.2	102.4	104.7	-
3585	Refrigeration and heating equipment.....	114.3	113.9	103.2	105.6	-	80.0	79.5	69.4	71.7	-
359	Misc. machinery, except electrical.....	281.2	283.3	243.7	244.1	-	212.7	215.2	178.6	178.6	-
3592	Carburetors, pistons, rings, valves.....	31.3	35.3	31.2	31.1	-	23.5	27.4	23.8	23.8	-
3599	Machinery, except electrical, nec.....	249.9	248.0	212.5	213.0	-	189.2	187.8	154.8	154.8	-
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT.....</b>	<b>2,045.2</b>	<b>2,034.2</b>	<b>1,965.8</b>	<b>1,968.8</b>	<b>1,970.7</b>	<b>1,258.2</b>	<b>1,246.3</b>	<b>1,176.2</b>	<b>1,179.2</b>	<b>1,180.4</b>
361	Electric distributing equipment.....	117.1	115.1	104.2	104.0	-	82.5	81.2	72.2	72.1	-
3612	Transformers.....	52.2	51.7	46.0	45.7	-	37.2	37.2	32.0	31.6	-
3613	Switchgear and switchboard apparatus.....	64.9	63.4	58.2	58.3	-	45.3	44.0	40.2	40.5	-
362	Electrical industrial apparatus.....	228.8	225.1	193.8	193.6	-	161.6	157.9	132.2	132.7	-
3621	Motors and generators.....	117.6	115.3	99.0	100.0	-	89.6	87.3	74.1	75.6	-
3622	Industrial controls.....	68.7	67.8	59.9	59.1	-	42.3	41.4	35.2	34.7	-
363	Household appliances.....	144.5	140.4	139.7	141.6	-	110.6	106.6	107.8	109.2	-
3632	Household refrigerators and freezers.....	30.8	29.5	28.2	28.2	-	24.4	23.1	21.9	21.7	-
3633	Household laundry equipment.....	20.1	19.9	21.6	22.5	-	15.3	15.1	16.6	17.4	-
3634	Electric housewares and fans.....	44.7	45.6	42.3	42.9	-	34.0	34.9	32.0	32.4	-
364	Electric lighting and wiring equipment.....	196.1	194.1	179.1	179.7	-	143.4	142.0	129.4	130.6	-
3641	Electric lamps.....	33.8	33.5	28.3	27.4	-	30.0	29.7	24.7	23.8	-
3643	Current-carrying wiring devices.....	81.2	80.0	74.9	76.0	-	54.1	53.3	48.9	50.3	-
3644	Noncurrent-carrying wiring devices.....	19.8	19.5	17.1	17.2	-	14.3	14.1	12.1	12.4	-
3645	Residential lighting fixtures.....	22.6	22.7	22.7	23.0	-	16.8	16.9	17.0	17.3	-
365	Radio and TV receiving equipment.....	98.3	98.1	89.1	87.5	-	67.4	67.0	61.7	60.6	-
3651	Radio and TV receiving sets.....	76.4	75.7	69.7	68.4	-	51.2	50.5	47.9	47.0	-
366	Communication equipment.....	554.8	556.5	552.9	553.3	-	265.5	264.6	253.9	254.9	-
3661	Telephone and telegraph apparatus.....	147.6	147.1	132.1	131.8	-	97.5	96.4	84.7	84.5	-
3662	Radio and TV communication equipment.....	407.2	409.4	420.8	421.5	-	168.0	168.2	169.2	170.4	-
367	Electronic components and accessories.....	564.3	564.6	567.8	570.9	-	327.1	327.1	319.4	320.6	-
3671-3	Electronic tubes.....	43.5	43.0	43.7	43.9	-	26.3	26.1	27.1	27.2	-
3674	Semiconductors and related devices.....	225.0	225.1	234.5	234.8	-	91.3	90.1	94.2	93.0	-
3679	Electronic components, nec.....	225.1	225.4	225.4	227.5	-	155.6	156.4	150.6	152.6	-
369	Misc. electrical equipment and supplies.....	141.2	140.3	139.2	138.2	-	100.1	99.9	99.6	98.5	-
3691	Storage batteries.....	29.7	28.6	28.2	27.2	-	22.8	22.2	21.9	20.9	-
3694	Engine electrical equipment.....	53.8	55.2	54.2	53.6	-	41.7	42.9	42.6	41.9	-
37	<b>TRANSPORTATION EQUIPMENT.....</b>	<b>1,758.5</b>	<b>1,776.2</b>	<b>1,666.9</b>	<b>1,687.3</b>	<b>1,695.8</b>	<b>1,098.3</b>	<b>1,116.9</b>	<b>1,023.1</b>	<b>1,044.5</b>	<b>1,054.0</b>
371	Motor vehicles and equipment.....	639.1	713.9	667.9	692.2	-	502.8	527.4	488.0	512.9	-
3711	Motor vehicles and car bodies.....	295.3	319.9	296.3	311.1	-	202.9	226.6	205.6	220.5	-
3713	Truck and bus bodies.....	33.8	33.5	27.1	28.5	-	25.4	25.3	19.6	20.9	-
3714	Motor vehicle parts and accessories.....	328.9	329.9	317.7	324.3	-	251.6	253.0	243.6	250.9	-
3715	Truck trailers.....	26.3	25.5	21.0	22.0	-	19.2	18.7	14.8	15.6	-
372	Aircraft and parts.....	630.4	626.0	596.6	594.7	-	326.6	321.9	298.0	295.3	-
3721	Aircraft.....	336.9	333.7	313.7	314.3	-	156.8	153.5	140.1	139.4	-
3724	Aircraft engines and engine parts.....	155.7	154.7	150.3	148.4	-	90.1	88.9	83.3	81.8	-
3728	Aircraft equipment, nec.....	137.8	137.6	132.6	132.0	-	79.7	79.5	74.6	74.1	-
373	Ship and boat building and repairing.....	217.1	215.0	188.7	186.5	-	166.6	164.9	140.5	138.8	-
3731	Ship building and repairing.....	175.7	173.8	154.1	150.1	-	132.5	130.9	112.5	109.0	-
3732	Boat building and repairing.....	41.4	41.2	34.6	36.4	-	34.1	34.0	28.0	29.8	-
374	Railroad equipment.....	42.7	41.5	29.9	28.9	-	27.4	26.5	18.2	17.4	-
376	Guided missiles, space vehicles, parts.....	124.6	124.7	130.6	130.8	-	37.8	38.2	41.6	42.5	-
3761	Guided missiles and space vehicles.....	98.8	98.7	103.4	103.6	-	27.8	27.9	32.1	32.7	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>TRANSPORTATION EQUIPMENT—Continued</b>										
379	Miscellaneous transportation equipment .....	38.9	39.4	41.4	42.2	-	25.8	26.7	28.2	28.8	-
3792	Travel trailers and campers .....	16.9	17.4	17.3	18.0	-	12.8	13.4	13.2	13.7	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS .....</b>	<b>715.3</b>	<b>713.8</b>	<b>662.5</b>	<b>678.8</b>	<b>679.5</b>	<b>416.8</b>	<b>414.4</b>	<b>381.9</b>	<b>379.0</b>	<b>378.8</b>
381	Engineering and scientific instruments .....	77.4	77.4	73.0	72.7	-	36.6	36.7	33.5	33.2	-
382	Measuring and controlling devices .....	251.4	249.3	235.1	235.2	-	156.1	154.2	139.1	138.8	-
3822	Environmental controls .....	44.1	43.5	42.2	42.8	-	29.1	28.6	27.5	28.0	-
3823	Process control instruments .....	59.3	59.3	53.7	53.0	-	30.7	30.6	26.1	25.9	-
3825	Instruments to measure electricity .....	104.3	104.1	100.8	101.4	-	66.3	65.8	59.9	59.5	-
383	Optical instruments and lenses .....	32.8	32.8	32.0	31.5	-	17.4	17.6	16.6	16.4	-
384	Medical instruments and supplies .....	161.9	161.9	158.2	158.1	-	101.6	101.0	95.9	95.7	-
3841	Surgical and medical instruments .....	76.9	76.9	76.3	76.4	-	45.9	45.6	43.5	43.8	-
3842	Surgical appliances and supplies .....	68.9	69.1	67.4	67.3	-	46.0	45.8	44.0	43.5	-
385	Ophthalmic goods .....	36.6	36.6	34.2	34.0	-	25.9	25.4	23.2	23.1	-
386	Photographic equipment and supplies .....	136.9	137.6	132.4	130.0	-	66.4	66.7	61.9	60.2	-
387	Watches, clocks, and watchcases .....	18.3	18.2	17.6	17.3	-	12.8	12.8	11.7	11.6	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES .....</b>	<b>391.3</b>	<b>392.3</b>	<b>363.9</b>	<b>368.9</b>	<b>374.8</b>	<b>284.1</b>	<b>285.5</b>	<b>258.1</b>	<b>261.6</b>	<b>267.5</b>
391	Jewelry, silverware, and plated ware .....	57.6	57.3	57.6	57.4	-	40.5	40.2	40.3	40.0	-
3911	Jewelry, precious metal .....	37.2	36.9	37.2	37.2	-	26.1	25.8	25.9	25.8	-
393	Musical instruments .....	20.4	20.0	18.9	19.2	-	16.1	15.7	14.7	15.0	-
394	Toys and sporting goods .....	106.9	109.2	94.2	98.9	-	78.7	80.9	66.6	69.4	-
3942, 4	Dolls, games, toys, and children's vehicles .....	50.3	52.1	42.5	46.7	-	34.7	36.4	27.5	30.0	-
3949	Sporting and athletic goods, nec .....	56.6	57.1	51.7	52.2	-	44.0	44.5	39.1	39.4	-
395	Pens, pencils, office and art supplies .....	36.7	36.8	32.4	32.3	-	25.7	25.6	21.9	21.8	-
396	Costume jewelry and notions .....	42.2	41.7	38.4	39.2	-	31.8	31.7	28.5	29.5	-
3961	Costume jewelry .....	22.3	22.1	20.3	20.9	-	17.0	17.0	15.3	16.0	-
399	Miscellaneous manufactures .....	127.5	127.3	122.4	121.9	-	91.3	91.4	86.1	85.9	-
3993	Signs and advertising displays .....	46.0	46.0	44.5	44.7	-	32.8	32.9	31.0	31.1	-
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS .....</b>	<b>1,604.7</b>	<b>1,597.9</b>	<b>1,585.0</b>	<b>1,570.7</b>	<b>1,571.9</b>	<b>1,088.9</b>	<b>1,083.8</b>	<b>1,076.6</b>	<b>1,067.3</b>	<b>1,067.4</b>
201	Meat products .....	341.5	339.5	332.3	330.9	-	284.4	283.1	275.8	275.2	-
2011	Meat packing plants .....	150.7	148.9	141.1	139.6	-	124.2	122.6	115.1	113.7	-
2013	Sausages and other prepared meats .....	68.5	68.0	67.5	67.8	-	50.5	50.4	49.5	50.1	-
2016	Poultry dressing plants .....	108.7	109.4	110.5	110.4	-	98.0	98.8	99.7	100.0	-
202	Dairy products .....	165.1	165.1	162.9	162.3	-	91.0	91.1	90.4	90.2	-
2022	Cheese, natural and processed .....	33.9	33.8	33.7	33.7	-	25.5	25.5	25.6	25.6	-
2026	Fluid milk .....	93.6	93.5	91.3	90.9	-	41.9	41.7	41.2	41.2	-
203	Preserved fruits and vegetables .....	200.2	201.0	198.6	196.3	-	161.1	161.9	160.1	159.1	-
2032	Canned specialties .....	25.0	24.0	24.5	22.9	-	18.6	17.6	18.5	17.9	-
2033	Canned fruits and vegetables .....	61.8	62.4	59.2	58.7	-	47.8	48.2	45.7	45.3	-
2037	Frozen fruits and vegetables .....	42.2	44.6	42.7	43.3	-	36.5	38.8	36.4	37.1	-
204	Grain mill products .....	137.9	137.1	139.6	137.4	-	94.1	92.9	93.3	92.5	-
2041	Flour and other grain mill products .....	26.3	26.3	28.3	26.0	-	15.9	15.9	16.5	15.6	-
2048	Prepared feeds, nec .....	52.8	52.1	51.8	51.6	-	34.1	33.4	32.9	32.9	-
205	Bakery products .....	216.2	215.6	214.9	213.7	-	125.6	125.6	126.4	125.4	-
2051	Bread, cake, and related products .....	173.9	173.7	172.9	172.1	-	92.3	92.4	92.4	91.9	-
2052	Cookies and crackers .....	42.3	41.9	42.0	41.6	-	33.3	33.2	34.0	33.5	-
206	Sugar and confectionary products .....	109.6	103.9	113.4	109.8	-	83.8	78.4	89.0	85.3	-
2081-3	Cane and beet sugar .....	34.0	30.8	32.9	30.0	-	25.5	22.6	25.9	22.6	-
2085	Confectionary products .....	55.9	53.8	60.3	59.5	-	45.1	43.1	49.5	49.0	-
207	Fats and oils .....	43.7	43.8	42.5	41.9	-	32.9	32.9	32.2	31.7	-
208	Beverages .....	229.7	230.0	224.5	223.2	-	96.7	97.3	94.9	93.9	-
2082	Malt beverages .....	48.2	48.3	44.5	44.4	-	30.7	31.0	28.2	27.9	-
2086	Bottled and canned soft drinks .....	136.8	137.3	136.0	135.6	-	43.7	44.0	43.5	43.3	-
209	Misc. foods and kindred products .....	160.8	161.9	156.3	155.2	-	119.3	120.6	114.5	114.0	-
21	<b>TOBACCO MANUFACTURES .....</b>	<b>67.5</b>	<b>64.2</b>	<b>68.8</b>	<b>64.6</b>	<b>62.0</b>	<b>52.6</b>	<b>49.4</b>	<b>54.0</b>	<b>49.9</b>	<b>46.5</b>
211	Cigarettes .....	46.8	46.3	46.0	44.6	-	35.9	35.4	35.0	33.7	-
22	<b>TEXTILE MILL PRODUCTS .....</b>	<b>776.6</b>	<b>760.0</b>	<b>719.7</b>	<b>722.2</b>	<b>723.0</b>	<b>666.9</b>	<b>650.5</b>	<b>615.7</b>	<b>619.1</b>	<b>619.8</b>
221	Weaving mills, cotton .....	135.3	129.0	118.1	118.9	-	119.9	113.8	104.1	105.1	-
222	Weaving mills, synthetics .....	104.9	100.2	91.3	89.9	-	93.5	88.6	81.3	79.7	-
223	Weaving and finishing mills, wool .....	18.4	18.1	15.8	16.0	-	15.4	15.2	13.2	13.4	-
224	Narrow fabric mills .....	22.9	23.0	21.7	21.7	-	19.9	20.0	18.7	18.7	-
225	Knitting mills .....	200.5	200.2	195.1	195.9	-	172.1	171.4	166.8	168.3	-
2251	Women's hosiery, except socks .....	31.4	31.0	31.0	31.0	-	28.2	27.7	27.8	27.8	-
2252	Hosiery, nec .....	31.8	32.0	30.3	30.1	-	29.0	28.9	27.3	27.2	-
2253	Knit outerwear mills .....	64.5	65.1	63.9	64.2	-	53.8	54.5	53.7	54.3	-
2254	Knit underwear mills .....	27.7	27.3	28.0	28.2	-	23.6	23.1	23.6	23.9	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>TEXTILE MILL PRODUCTS—Continued</b>										
2257	Circular knit fabric mills .....	25.0	25.0	24.3	24.7	-	20.9	20.9	20.3	20.7	-
226	Textile finishing, except wool .....	67.5	67.4	64.1	64.4	-	55.6	55.5	52.9	53.3	-
2261	Finishing plants, cotton .....	28.5	28.5	27.5	27.9	-	23.1	23.2	22.6	23.0	-
2262	Finishing plants, synthetics .....	25.9	25.4	23.1	23.1	-	21.5	21.1	19.2	19.2	-
227	Floor covering mills .....	49.1	48.7	47.7	48.2	-	38.8	38.5	37.4	37.8	-
228	Yarn and thread mills .....	115.3	111.8	108.2	108.8	-	102.9	99.3	96.3	97.0	-
2281	Yarn mills, except wool .....	78.5	77.3	75.2	75.7	-	71.0	69.9	67.9	68.4	-
2282	Throwing and winding mills .....	18.3	18.3	17.5	17.3	-	16.1	15.9	15.4	15.3	-
229	Miscellaneous textile goods .....	62.7	61.6	57.7	58.4	-	48.8	48.2	45.0	45.8	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS .....</b>	<b>1,194.4</b>	<b>1,184.5</b>	<b>1,120.8</b>	<b>1,133.4</b>	<b>1,130.1</b>	<b>1,012.2</b>	<b>1,005.2</b>	<b>944.3</b>	<b>957.6</b>	<b>954.4</b>
231	Men's and boys' suits and coats .....	77.2	76.3	70.1	69.7	-	67.2	66.5	61.4	61.4	-
232	Men's and boys' furnishings .....	334.5	330.0	316.6	317.9	-	284.6	280.6	269.4	270.8	-
2321	Men's and boys' shirts and nightwear .....	93.6	92.1	86.5	86.9	-	80.5	79.1	73.7	74.1	-
2327	Men's and boys' separate trousers .....	70.5	69.3	67.1	67.2	-	61.8	60.3	58.0	58.1	-
2328	Men's and boys' work clothing .....	97.0	95.0	92.5	93.0	-	80.4	78.8	78.1	78.8	-
233	Women's and misses' outerwear .....	392.5	389.8	364.3	371.2	-	336.5	335.0	307.8	314.5	-
2331	Women's and misses' blouses and waists .....	59.7	59.3	59.0	58.1	-	51.6	51.3	50.5	49.4	-
2335	Women's and misses' dresses .....	134.0	135.5	120.6	124.7	-	117.1	119.2	103.1	107.3	-
2337	Women's and misses' suits and coats .....	55.2	51.9	49.4	51.0	-	46.9	43.9	41.5	42.7	-
2339	Women's and misses' outerwear, nec. ....	143.6	143.1	135.3	137.4	-	120.9	120.6	112.7	115.1	-
234	Women's and children's undergarments .....	88.7	88.1	82.8	83.4	-	75.6	75.0	69.6	70.5	-
2341	Women's and children's underwear .....	70.9	70.4	67.6	68.1	-	62.0	61.6	58.2	58.9	-
2342	Brassieres and allied garments .....	17.8	17.7	15.2	15.3	-	13.6	13.4	11.4	11.6	-
236	Children's outerwear .....	62.1	61.3	58.2	58.9	-	52.7	51.9	49.6	50.3	-
2361	Children's dresses and blouses .....	27.1	26.1	25.8	25.6	-	24.3	23.3	22.9	22.9	-
238	Misc. apparel and accessories .....	53.9	53.1	47.6	48.3	-	44.9	44.3	38.9	39.8	-
239	Misc. fabricated textile products .....	163.6	164.0	161.0	163.0	-	132.2	133.5	130.9	132.9	-
2391	Curtains and draperies .....	25.5	25.0	24.3	23.3	-	20.9	20.5	19.6	18.9	-
2392	House furnishings, nec. ....	46.2	45.8	47.3	47.3	-	38.2	37.7	38.9	39.3	-
2398	Automotive and apparel trimmings .....	24.7	25.7	25.6	26.8	-	18.9	20.6	20.5	21.7	-
28	<b>PAPER AND ALLIED PRODUCTS .....</b>	<b>665.8</b>	<b>665.1</b>	<b>646.2</b>	<b>644.1</b>	<b>645.7</b>	<b>496.5</b>	<b>496.3</b>	<b>480.5</b>	<b>479.2</b>	<b>481.0</b>
281, 2, 6	Paper and pulp mills .....	196.0	195.6	191.4	190.2	-	146.6	146.6	143.7	142.8	-
282	Paper mills, except building paper .....	170.4	170.0	165.7	164.3	-	125.9	126.0	122.9	121.8	-
283	Paperboard mills .....	61.8	61.9	59.3	58.8	-	48.1	47.9	45.1	44.7	-
284	Misc. converted paper products .....	216.1	216.5	210.0	210.7	-	157.4	157.4	152.0	153.0	-
2841	Paper coating and glazing .....	55.4	55.2	54.7	54.8	-	34.7	34.6	34.6	34.6	-
2842	Envelopes .....	25.3	25.3	25.3	25.2	-	19.7	19.6	19.6	19.7	-
2843	Bags, except textile bags .....	50.2	50.0	49.0	48.6	-	39.1	38.8	38.1	37.8	-
285	Paperboard containers and boxes .....	191.9	191.1	185.5	184.4	-	144.4	144.4	139.7	138.7	-
2851	Folding paperboard boxes .....	42.3	42.3	40.5	39.9	-	32.7	32.8	31.4	30.8	-
2853	Corrugated and solid fiber boxes .....	98.0	97.3	95.7	95.5	-	71.4	71.1	70.3	70.1	-
2854	Sanitary food containers .....	23.9	24.0	23.8	23.5	-	18.9	19.3	19.0	18.8	-
27	<b>PRINTING AND PUBLISHING .....</b>	<b>1,276.9</b>	<b>1,279.1</b>	<b>1,268.4</b>	<b>1,269.3</b>	<b>1,274.5</b>	<b>700.9</b>	<b>703.5</b>	<b>691.7</b>	<b>693.5</b>	<b>697.1</b>
271	Newspapers .....	426.1	425.2	423.6	424.2	-	161.4	160.8	159.6	160.3	-
272	Periodicals .....	99.8	100.0	102.6	101.3	-	20.8	21.6	22.2	21.4	-
273	Books .....	100.3	100.8	96.3	96.4	-	51.8	52.3	50.1	50.4	-
2731	Book publishing .....	70.2	70.6	68.1	68.6	-	27.0	27.4	27.0	27.4	-
2732	Book printing .....	30.1	30.2	28.2	27.8	-	24.8	24.9	23.1	23.0	-
274	Miscellaneous publishing .....	49.5	50.0	49.9	50.2	-	27.2	26.8	26.6	26.5	-
275	Commercial printing .....	418.0	419.9	414.2	414.6	-	306.1	308.2	301.2	302.2	-
2751	Commercial printing, letterpress .....	152.2	151.9	146.8	146.9	-	111.8	111.7	108.1	108.6	-
2752	Commercial printing, lithographic .....	242.5	244.7	245.4	245.4	-	175.8	177.9	176.0	176.3	-
276	Manifold business forms .....	49.7	49.3	49.0	48.8	-	35.0	34.6	34.1	34.0	-
278	Blankbooks and bookbinding .....	62.7	63.4	61.9	62.6	-	50.8	51.5	50.0	50.6	-
279	Printing trade services .....	45.5	45.4	45.9	46.2	-	33.4	33.4	34.0	34.4	-
28	<b>CHEMICALS AND ALLIED PRODUCTS .....</b>	<b>1,087.5</b>	<b>1,087.1</b>	<b>1,045.5</b>	<b>1,046.6</b>	<b>1,050.8</b>	<b>606.1</b>	<b>608.0</b>	<b>579.4</b>	<b>579.5</b>	<b>586.1</b>
281	Industrial inorganic chemicals .....	157.3	156.4	148.2	147.4	-	84.3	84.7	77.1	76.4	-
2819	Industrial inorganic chemicals, nec. ....	103.0	102.1	98.3	98.0	-	54.8	55.2	51.7	51.4	-
282	Plastics materials and synthetics .....	188.2	187.4	173.3	173.6	-	121.7	121.3	112.2	112.6	-
2821	Plastics materials and resins .....	76.2	75.7	72.1	72.0	-	44.1	44.1	42.4	42.3	-
2824	Organic fibers, noncellulosic .....	79.6	79.5	72.2	72.3	-	55.3	55.2	50.3	50.5	-
283	Drugs .....	199.1	199.4	199.9	200.4	-	98.4	98.3	97.4	97.4	-
2834	Pharmaceutical preparations .....	157.4	157.3	158.3	158.8	-	76.3	76.1	76.0	75.8	-
284	Soap, cleaners, and toilet goods .....	144.1	144.9	143.3	145.2	-	89.5	90.7	89.6	90.7	-
2841	Soap and other detergents .....	44.3	44.5	45.5	45.5	-	28.8	29.1	29.6	29.3	-
2844	Toilet preparations .....	61.0	61.7	59.2	61.1	-	39.9	40.7	38.6	40.2	-
2842, 3	Polishing, sanitation, and finishing preparations .....	38.8	38.7	38.6	38.6	-	20.8	20.9	21.4	21.2	-
285	Paints and allied products .....	59.7	59.5	59.0	59.2	-	28.8	28.6	28.3	28.3	-
286	Industrial organic chemicals .....	176.9	176.2	168.9	168.2	-	88.4	88.2	86.7	86.2	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
2885	Cyclic crudes and intermediates . . . . .	36.8	36.4	33.7	33.4	-	22.6	22.4	20.8	20.5	-
2861,9	Gum, wood, and industrial organic chemicals, nec. . . . .	140.1	139.8	135.2	134.8	-	65.8	65.6	65.9	65.7	-
287	Agricultural chemicals . . . . .	69.9	70.6	63.7	63.8	-	43.1	43.9	38.5	38.6	-
289	Miscellaneous chemical products . . . . .	92.3	92.7	89.2	88.8	-	51.9	52.3	49.6	49.3	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> . . . . .	203.2	203.7	202.2	201.1	202.8	120.1	120.3	120.7	120.9	121.5
291	Petroleum refining . . . . .	169.6	168.9	167.8	166.8	-	98.1	97.2	97.4	97.6	-
295	Paving and roofing materials . . . . .	21.8	22.8	23.1	23.0	-	14.9	15.9	16.5	16.5	-
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b> . . . . .	706.5	699.8	679.1	683.1	691.5	541.3	534.7	518.6	524.8	532.9
301	Tires and inner tubes . . . . .	106.2	99.8	98.2	96.2	-	75.0	69.5	70.9	70.0	-
302	Rubber and plastics footwear . . . . .	20.0	21.3	20.1	19.7	-	17.3	18.4	17.0	16.7	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting . . . . .	20.9	20.7	18.5	18.4	-	15.0	14.9	12.8	12.8	-
306	Fabricated rubber products, nec . . . . .	98.4	97.7	91.3	92.2	-	75.0	74.1	68.7	69.9	-
307	Miscellaneous plastics products . . . . .	461.0	460.3	451.0	456.6	-	359.0	357.8	349.2	355.4	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> . . . . .	212.5	211.6	198.6	198.7	201.6	177.6	177.7	164.7	164.9	167.9
311	Leather tanning and finishing . . . . .	18.2	18.7	17.9	18.1	-	14.9	15.5	14.8	14.9	-
314	Footwear, except rubber . . . . .	129.3	129.3	124.0	123.6	-	110.2	110.6	105.0	105.0	-
3143	Men's footwear, except athletic . . . . .	52.4	52.6	47.6	47.3	-	43.6	44.0	38.0	38.0	-
3144	Women's footwear, except athletic . . . . .	46.7	45.8	48.4	47.3	-	40.3	39.5	42.8	41.9	-
316	Luggage . . . . .	13.7	13.3	11.1	11.5	-	10.5	10.2	7.4	7.9	-
317	Handbags and personal leather goods . . . . .	27.7	27.3	23.5	23.4	-	22.3	22.2	18.9	18.7	-
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> . . . . .	5,051	5,049	4,890	4,873	4,884	4,173	4,171	4,027	4,014	4,019
40	<b>RAILROAD TRANSPORTATION</b> . . . . .	442.7	437.7	371.1	365.2	-	-	-	-	-	-
4011	Class I railroads <sup>2</sup> . . . . .	406.9	401.9	342.3	337.1	-	-	-	-	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> . . . . .	285.7	286.7	291.1	289.3	-	265.4	266.6	271.6	269.5	-
411	Local and suburban transportation . . . . .	83.0	83.0	84.3	84.2	-	75.5	75.8	77.5	77.4	-
412	Taxis . . . . .	47.2	47.0	44.0	43.5	-	-	-	-	-	-
413	Intercity highway transportation . . . . .	34.3	34.2	34.9	-	-	31.4	31.2	32.0	-	-
415	School buses . . . . .	104.0	104.9	111.0	111.0	-	-	-	-	-	-
42	<b>TRUCKING AND WAREHOUSING</b> . . . . .	1,194.0	1,194.1	1,147.1	1,145.7	-	1,033.9	1,033.9	990.0	990.2	-
421,3	Trucking and trucking terminals . . . . .	1,108.4	1,109.6	1,063.7	1,064.4	-	962.2	963.1	920.2	922.2	-
422	Public warehousing . . . . .	85.6	84.5	83.4	81.3	-	71.7	70.8	69.8	68.0	-
44	<b>WATER TRANSPORTATION</b> . . . . .	195.5	195.2	174.5	168.6	-	-	-	-	-	-
45	<b>TRANSPORTATION BY AIR</b> . . . . .	441.4	440.0	435.9	437.9	-	-	-	-	-	-
451,2	Air transportation . . . . .	390.1	388.3	385.2	386.7	-	-	-	-	-	-
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b> . . . . .	22.2	22.3	22.1	22.0	-	15.1	15.2	15.5	15.4	-
47	<b>TRANSPORTATION SERVICES</b> . . . . .	216.3	219.0	221.1	221.4	-	-	-	-	-	-
48	<b>COMMUNICATION</b> . . . . .	1,396.8	1,394.7	1,355.3	1,351.6	-	1,055.5	1,054.7	1,033.2	1,032.3	-
481	Telephone communication . . . . .	1,077.5	1,074.2	1,018.1	1,011.9	-	791.5	789.3	758.1	755.5	-
483	Radio and television broadcasting . . . . .	211.9	212.8	221.8	223.6	-	172.8	173.7	180.4	182.0	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> . . . . .	856.7	858.9	871.3	870.8	-	699.3	700.4	701.4	700.2	-
491	Electric services . . . . .	408.1	409.5	422.2	422.9	-	329.0	329.6	335.2	335.6	-
492	Gas production and distribution . . . . .	175.4	175.6	176.6	176.7	-	141.1	141.1	141.2	140.9	-
493	Combination utility services . . . . .	199.1	199.1	197.2	196.6	-	165.6	165.5	160.6	159.7	-
495	Sanitary services . . . . .	51.6	51.9	52.5	52.2	-	45.4	45.7	46.1	45.8	-
-	<b>WHOLESALE AND RETAIL TRADE</b> . . . . .	20,258	20,306	20,273	20,033	20,129	17,671	17,713	17,691	17,459	17,533
50,51	<b>WHOLESALE TRADE</b> . . . . .	5,303	5,309	5,166	5,151	5,172	4,290	4,295	4,152	4,138	4,156
50	<b>WHOLESALE TRADE - DURABLE GOODS</b> . . . . .	3,151	3,152	3,042	3,032	-	2,538	2,538	2,428	2,418	-
501	Motor vehicles and automotive equipment . . . . .	410.4	411.9	412.1	410.0	-	330.0	331.2	330.5	327.8	-
502	Furniture and home furnishing . . . . .	118.8	118.5	119.3	118.5	-	97.7	97.3	97.3	97.3	-
503	Lumber and construction materials . . . . .	177.8	178.1	181.0	180.7	-	144.9	144.9	147.8	146.9	-
504	Sporting goods, toys, and hobby goods . . . . .	70.3	70.1	70.7	70.5	-	55.6	55.8	56.6	56.6	-
505	Metals and minerals, except petroleum . . . . .	147.9	146.7	128.9	127.7	-	117.7	116.5	101.4	101.0	-
506	Electrical goods . . . . .	438.6	438.7	425.4	424.1	-	352.7	352.9	337.7	336.4	-
507	Hardware, plumbing, and heating equipment . . . . .	239.6	238.5	235.2	233.9	-	194.0	193.3	189.8	188.9	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>WHOLESALE TRADE-DURABLE GOODS—</b>										
	Continued										
508	Machinery, equipment, and supplies .....	1,356.2	1,359.1	1,301.2	1,296.3	-	1,086.0	1,087.7	1,028.3	1,022.8	-
509	Miscellaneous durable goods .....	191.2	190.5	168.4	170.0	-	159.8	158.8	138.6	140.1	-
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b>	2,152	2,157	2,124	2,119	-	1,752	1,757	1,724	1,720	-
511	Paper and paper products .....	156.6	157.3	156.8	157.7	-	126.3	126.4	125.7	126.4	-
512	Drugs, proprietaries, and sundries .....	150.7	151.1	154.3	153.3	-	127.5	128.0	129.7	129.3	-
513	Apparel, piece goods, and notions .....	167.2	168.0	165.3	165.7	-	131.0	131.4	128.0	128.1	-
514	Groceries and related products .....	644.3	641.2	623.9	625.7	-	551.6	549.5	532.5	534.1	-
516	Chemicals and allied products .....	135.2	135.7	136.5	135.3	-	96.8	97.2	96.1	94.8	-
517	Petroleum and petroleum products .....	231.1	231.3	225.9	223.5	-	173.5	173.6	170.4	168.6	-
518	Beer, wine, and distilled beverages .....	142.1	142.6	142.4	141.6	-	118.2	118.5	117.8	117.2	-
519	Miscellaneous nondurable goods .....	390.0	395.4	387.0	389.2	-	316.3	322.1	314.9	317.3	-
52-59	<b>RETAIL TRADE</b> .....	14,955	14,997	15,107	14,882	14,957	13,381	13,418	13,539	13,321	13,377
52	<b>BUILDING MATERIALS AND GARDEN</b>										
	SUPPLIES .....	566.2	573.7	573.0	569.7	-	473.4	481.4	480.7	476.9	-
521	Lumber and other building materials .....	293.3	294.6	304.0	300.3	-	245.0	246.6	256.4	252.2	-
525	Hardware stores .....	144.1	144.1	145.6	144.4	-	122.5	122.5	122.7	121.3	-
53	<b>GENERAL MERCHANDISE STORES</b> .....	2,191.8	2,164.7	2,283.2	2,169.3	-	2,017.1	1,994.8	2,133.5	2,017.7	-
531	Department stores .....	1,844.4	1,818.6	1,949.9	1,843.0	-	1,703.5	1,682.4	1,834.1	1,726.3	-
533	Variety stores .....	220.6	218.2	207.0	204.0	-	205.1	202.7	190.8	186.8	-
539	Misc. general merchandise stores .....	126.8	127.9	126.3	122.3	-	108.5	109.7	108.6	104.6	-
54	<b>FOOD STORES</b> .....	2,433.9	2,431.1	2,473.9	2,458.3	-	2,252.0	2,247.5	2,294.5	2,282.4	-
541	Grocery stores .....	2,141.1	2,137.4	2,179.7	2,163.2	-	1,986.9	1,981.6	2,028.9	2,015.8	-
542	Meat markets and freezer provisioners .....	54.5	54.8	55.7	55.4	-	-	-	-	-	-
546	Retail bakeries .....	125.7	127.3	128.2	127.0	-	115.7	117.4	117.3	115.8	-
55	<b>AUTOMOTIVE DEALERS AND SERVICE</b>										
	STATIONS .....	1,615.4	1,624.4	1,615.6	1,596.7	-	1,359.6	1,367.0	1,356.3	1,338.8	-
551.2	New and used car dealers .....	725.5	726.2	734.1	730.8	-	593.0	594.0	601.5	598.6	-
553	Auto and home supply stores .....	263.6	265.8	270.9	261.3	-	226.1	227.9	232.8	223.9	-
564	Gasoline service stations .....	551.4	553.5	536.8	529.7	-	481.5	482.7	463.9	457.4	-
56	<b>APPAREL AND ACCESSORY STORES</b> .....	950.8	952.0	976.0	940.4	-	807.8	809.8	828.0	792.9	-
561	Men's and boys' clothing and furnishings .....	127.9	125.4	128.8	123.2	-	108.5	106.0	109.2	103.6	-
562	Women's ready-to-wear stores .....	336.5	340.5	347.3	336.7	-	289.7	293.9	297.2	286.6	-
565	Family clothing stores .....	175.0	174.3	181.7	174.7	-	151.7	151.0	158.7	151.9	-
566	Shoe stores .....	209.1	208.9	210.0	201.6	-	170.0	170.9	170.2	162.2	-
57	<b>FURNITURE AND HOME FURNISHINGS</b>										
	STORES .....	595.6	590.3	592.0	586.8	-	492.3	487.2	489.1	484.1	-
571	Furniture and home furnishings stores .....	365.4	363.5	360.8	357.7	-	301.1	300.2	298.0	294.6	-
572	Household appliance stores .....	81.6	81.0	78.4	76.6	-	69.0	68.3	66.8	65.4	-
573	Radio, television, and music stores .....	148.6	145.8	152.8	152.5	-	122.2	118.7	124.3	124.1	-
58	<b>EATING AND DRINKING PLACES</b> .....	4,626.6	4,698.2	4,597.5	4,582.6	-	4,252.5	4,318.9	4,220.4	4,211.7	-
59	<b>MISCELLANEOUS RETAIL</b> .....	1,974.6	1,962.7	1,995.6	1,977.8	-	1,726.4	1,710.9	1,736.7	1,716.2	-
591	Drug stores and proprietary stores .....	497.3	495.9	500.2	492.0	-	447.1	444.0	447.6	438.3	-
592	Liquor stores .....	134.7	135.3	138.6	135.8	-	-	-	-	-	-
594	Miscellaneous shopping goods stores .....	630.2	628.1	656.8	642.8	-	541.9	538.7	561.7	547.3	-
596	Nonstore retailers .....	268.9	270.4	275.7	275.4	-	247.7	248.5	255.6	254.9	-
598	Fuel and ice dealers .....	109.5	107.6	106.4	105.7	-	91.9	89.8	88.8	88.1	-
599	Retail stores, nec. .....	272.1	263.0	255.0	263.9	-	230.6	221.4	211.3	219.7	-
-	<b>FINANCE, INSURANCE, AND REAL</b>										
	ESTATE <sup>2</sup> .....	5,285	5,304	5,346	5,360	5,378	3,965	3,972	3,974	3,985	3,994
80	<b>BANKING</b> .....	1,643.2	1,645.9	1,646.7	1,647.6	-	1,239.3	1,234.5	1,229.2	1,227.5	-
802	Commercial and stock savings banks .....	1,498.6	1,501.3	1,499.5	1,500.7	-	1,123.5	1,118.7	1,112.1	1,110.8	-
81	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	582.5	584.3	603.6	608.0	-	440.5	442.4	455.9	460.0	-
812	Savings and loan associations .....	269.5	270.9	286.8	290.1	-	205.1	206.7	218.9	221.6	-
814	Personal credit institutions .....	196.2	195.8	192.5	192.5	-	150.9	150.6	146.3	146.3	-
82	<b>SECURITY, COMMODITY BROKERS, AND</b>										
	SERVICES .....	274.8	276.6	292.4	296.6	-	-	-	-	-	-
821	Security brokers and dealers .....	228.7	230.3	238.8	243.0	-	-	-	-	-	-
83	<b>INSURANCE CARRIERS</b> .....	1,224.8	1,226.3	1,215.3	1,213.6	-	843.8	842.8	826.2	825.0	-
831	Life insurance .....	537.7	539.2	534.9	534.3	-	335.5	335.4	327.4	326.7	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>INSURANCE CARRIERS—Continued</b>										
632	Medical service and health insurance .....	140.7	141.1	143.0	143.0	-	111.9	112.2	114.0	113.9	-
633	Fire, marine, and casualty insurance .....	474.9	474.9	464.8	463.1	-	341.3	340.8	328.3	327.4	-
64	<b>INSURANCE AGENTS, BROKERS, AND SERVICE</b> .....	469.6	472.2	478.2	479.7	-	-	-	-	-	-
65	<b>REAL ESTATE</b> .....	946.3	954.3	963.4	966.6	-	-	-	-	-	-
651	Real estate operators and lessors .....	455.2	462.6	473.8	473.3	-	-	-	-	-	-
653	Real estate agents and managers .....	362.0	362.4	363.7	367.2	-	-	-	-	-	-
655	Subdividers and developers .....	111.0	111.4	108.8	108.9	-	-	-	-	-	-
68	<b>COMBINED REAL ESTATE, INSURANCE, ETC.</b> .....	19.2	19.4	18.1	18.2	-	-	-	-	-	-
67	<b>HOLDING AND OTHER INVESTMENT OFFICES.</b> .....	124.3	124.7	128.1	129.7	-	-	-	-	-	-
-	<b>SERVICES</b> .....	18,696	18,828	18,893	19,032	19,216	16,599	16,720	16,724	16,859	17,024
70	<b>HOTELS AND OTHER LODGING PLACES</b> .....	1,053.6	1,069.1	1,002.8	1,013.7	-	-	-	-	-	-
701	Hotels, motels, and tourist courts .....	1,023.8	1,038.7	974.4	985.1	-	934.5	948.7	885.9	898.4	-
72	<b>PERSONAL SERVICES</b> .....	938.2	942.1	944.2	949.8	-	-	-	-	-	-
721	Laundry, cleaning, and garment services .....	348.5	348.4	346.6	342.6	-	309.7	309.9	308.1	303.6	-
723	Beauty shops .....	287.4	291.0	302.3	302.1	-	266.2	269.5	279.9	279.6	-
726	Funeral service and crematories .....	72.2	72.6	74.4	74.7	-	-	-	-	-	-
73	<b>BUSINESS SERVICES</b> .....	3,243.1	3,252.4	3,337.4	3,329.9	-	2,820.5	2,831.9	2,902.1	2,895.8	-
731	Advertising .....	157.3	158.4	161.9	163.1	-	121.3	122.4	122.9	123.6	-
732	Credit reporting and collection .....	74.1	74.3	77.0	76.6	-	-	-	-	-	-
733	Mailing, reproduction, stenographic .....	131.6	131.2	133.3	133.6	-	-	-	-	-	-
734	Services to buildings .....	523.3	524.3	534.9	532.5	-	475.7	477.3	485.0	483.9	-
736	Personnel supply services .....	550.5	561.2	554.8	549.0	-	-	-	-	-	-
737	Computer and data processing services .....	353.4	353.7	373.2	377.9	-	287.4	288.5	307.0	311.4	-
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	577.1	578.4	571.0	570.8	-	488.8	489.8	481.7	480.7	-
753	Automotive repair shops .....	354.8	355.6	355.8	355.0	-	296.7	297.5	297.0	295.7	-
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	296.4	298.7	284.2	285.5	-	250.4	252.7	238.2	238.4	-
78	<b>MOTION PICTURES</b> .....	199.6	207.8	202.4	198.7	-	170.7	177.9	173.2	169.3	-
781	Motion picture production and services .....	78.8	84.7	81.0	78.4	-	64.1	69.0	65.7	63.2	-
783	Motion picture theaters .....	109.9	112.3	110.9	109.9	-	-	-	-	-	-
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	728.5	763.6	742.3	754.2	-	654.3	684.2	670.5	683.8	-
80	<b>HEALTH SERVICES</b> .....	5,688.4	5,704.8	5,848.6	5,846.2	-	5,093.7	5,110.1	5,232.0	5,228.4	-
801	Offices of physicians .....	800.9	803.9	835.5	836.4	-	656.1	659.6	683.7	684.2	-
802	Offices of dentists .....	377.2	378.8	397.3	396.3	-	334.7	335.2	350.9	350.6	-
805	Nursing and personal care facilities .....	1,047.2	1,050.4	1,080.9	1,078.5	-	947.5	950.7	977.8	974.9	-
806	Hospitals .....	2,975.1	2,981.6	3,017.2	3,015.6	-	2,729.8	2,735.5	2,769.0	2,766.8	-
81	<b>LEGAL SERVICES</b> .....	548.2	552.2	579.5	581.7	-	462.9	466.0	488.4	489.8	-
82	<b>EDUCATIONAL SERVICES</b> .....	1,255.3	1,264.5	1,188.0	1,279.9	-	-	-	-	-	-
821	Elementary and secondary schools .....	320.0	323.1	314.4	318.1	-	-	-	-	-	-
822	Colleges and universities .....	812.2	818.5	744.7	828.8	-	-	-	-	-	-
83	<b>SOCIAL SERVICES</b> .....	1,161.5	1,171.9	1,208.6	1,219.0	-	-	-	-	-	-
86	<b>MEMBERSHIP ORGANIZATIONS</b> .....	1,531.4	1,535.9	1,515.5	1,529.6	-	-	-	-	-	-
89	<b>MISCELLANEOUS SERVICES</b> .....	1,069.8	1,069.7	1,053.7	1,063.7	-	882.3	879.2	860.0	870.3	-
891	Engineering and architectural services .....	568.3	567.8	549.4	553.0	-	470.3	466.8	449.9	452.9	-
893	Accounting, auditing, and bookkeeping .....	360.8	361.3	366.5	371.9	-	294.4	294.9	294.5	300.9	-
-	<b>GOVERNMENT</b> .....	16,085	16,176	15,739	15,970	16,030	-	-	-	-	-
-	<b>FEDERAL GOVERNMENT<sup>4</sup></b> .....	2,723	2,725	2,724	2,737	2,737	-	-	-	-	-
-	Executive, by agency <sup>4</sup> .....	2,668.6	2,670.8	-	-	-	-	-	-	-	-
-	Department of Defense .....	928.0	933.0	-	-	-	-	-	-	-	-
-	Postal Service .....	661.2	661.0	-	-	-	-	-	-	-	-
-	Other executive agencies .....	1,079.4	1,076.8	-	-	-	-	-	-	-	-
-	Legislative .....	38.6	38.8	-	-	-	-	-	-	-	-
-	Judicial .....	15.4	15.5	-	-	-	-	-	-	-	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>FEDERAL GOVERNMENT—Continued</b>										
	Federal Government, by industry										
—	Manufacturing activities . . . . .	134.8	135.5	139.2	139.5	—	—	—	—	—	—
3731	Shipbuilding and repairing . . . . .	80.6	80.8	82.7	82.7	—	—	—	—	—	—
—	Transportation and public utilities, except										
—	Postal Service . . . . .	43.2	43.6	40.1	40.4	—	—	—	—	—	—
—	Services . . . . .	386.8	387.2	388.3	389.2	—	—	—	—	—	—
806	Federal government hospitals . . . . .	231.3	231.7	235.1	235.5	—	—	—	—	—	—
—	<b>STATE AND LOCAL GOVERNMENT . . . . .</b>	13,362	13,451	13,015	13,233	13,293	—	—	—	—	—
—	State government . . . . .	3,677.4	3,689.2	3,554.4	3,652.2	—	—	—	—	—	—
806	State government hospitals . . . . .	520.1	518.5	511.8	511.5	—	—	—	—	—	—
82	State education . . . . .	1,480.6	1,493.6	1,396.7	1,496.3	—	—	—	—	—	—
—	General administration including executive, legislative, and judicial functions . . . . .	1,047.4	1,048.5	1,030.7	1,030.2	—	—	—	—	—	—
—	Local government . . . . .	9,684.4	9,761.3	9,460.2	9,581.1	—	—	—	—	—	—
—	Transportation and public utilities . . . . .	577.2	576.6	584.2	583.2	—	—	—	—	—	—
806	Local government hospitals . . . . .	638.5	640.7	651.6	651.2	—	—	—	—	—	—
82	Local education . . . . .	5,423.8	5,487.1	5,186.9	5,296.8	—	—	—	—	—	—
—	General administration including executive, legislative, and judicial functions . . . . .	2,743.3	2,753.5	2,751.3	2,758.7	—	—	—	—	—	—

<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 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

[In thousands]

1972 SIC Code	Industry	Dec. 1981	Jan. 1982	Nov. 1982	Dec. 1982	Jan. 1983
-	<b>TOTAL</b> .....	39,775	38,881	39,344	39,466	38,749
-	<b>PRIVATE SECTOR</b> .....	31,949	31,169	31,638	31,785	31,177
-	<b>MINING</b> .....	140	138	131	130	128
10	<b>METAL MINING</b> .....	9.0	8.0	5.4	5.5	5.5
11, 12	<b>COAL MINING</b> .....	11.6	11.7	11.2	10.9	11.1
13	<b>OIL AND GAS EXTRACTION</b> .....	109.2	108.8	105.1	104.3	102.8
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	68.5	68.6	69.9	70.0	70.1
138	Oil and gas field services .....	40.7	40.2	35.2	34.3	32.7
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	9.8	9.3	9.1	9.0	8.8
142	Crushed and broken stone .....	2.7	2.6	2.6	2.6	2.6
144	Sand and gravel .....	3.0	2.7	3.0	2.9	2.8
-	<b>CONSTRUCTION</b> .....	379	378	380	379	377
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	124.8	122.7	120.6	120.5	121.1
152	Residential building construction .....	71.0	69.0	69.1	69.0	69.9
153	Operative builders .....	13.9	14.1	13.3	13.1	13.2
154	Nonresidential building construction .....	39.9	39.6	38.2	38.4	38.0
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	63.4	60.6	63.4	62.1	60.7
161	Highway and street construction .....	15.3	13.5	14.8	13.4	12.4
162	Heavy construction, except highway .....	48.1	47.1	48.6	48.7	48.3
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	190.4	195.1	196.0	196.2	194.8
171	Plumbing, heating, air conditioning .....	52.1	52.6	52.0	52.2	52.6
172	Painting, paper hanging, decorating .....	11.4	11.8	12.0	11.5	11.6
173	Electrical work .....	37.1	37.1	38.4	38.4	38.3
174	Masonry, stonework, and plastering .....	21.3	20.6	21.4	21.4	21.0
175	Carpentering and flooring .....	13.9	13.9	13.3	13.9	14.2
176	Roofing and sheet metal work .....	12.7	12.2	13.1	12.9	12.9
-	<b>MANUFACTURING</b> .....	6,243	6,112	5,887	5,819	5,777
24, 25, 32-39	<b>DURABLE GOODS</b> .....	2,987	2,942	2,751	2,728	2,717
20-23, 28-31	<b>NONDURABLE GOODS</b> .....	3,256	3,170	3,136	3,091	3,060
	<b>DURABLE GOODS</b>					
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	92.8	90.5	91.0	91.2	90.4
241	Logging camps and logging contractors .....	5.2	4.8	5.6	5.7	5.7
242	Sawmills and planing mills .....	17.7	17.5	18.5	18.6	18.7
2421	Sawmills and planing mills, general .....	12.5	12.3	12.9	12.9	13.0
243	Millwork, plywood, and structural members .....	35.4	34.9	34.9	34.8	34.6
244	Wood containers .....	6.8	6.5	6.2	6.2	6.1
245	Wood buildings and mobile homes .....	7.6	7.1	7.0	7.0	6.8
249	Miscellaneous wood products .....	20.1	19.7	18.8	18.9	18.5
25	<b>FURNITURE AND FIXTURES</b> .....	140.0	136.3	132.4	132.3	131.7
251	Household furniture .....	98.0	94.9	90.5	91.0	90.2
2511	Wood household furniture .....	41.3	39.9	38.5	38.8	38.6
2512	Upholstered household furniture .....	31.1	29.8	29.7	29.8	29.1
2515	Mattresses and bedspings .....	7.9	7.7	7.5	7.4	7.3
252	Office furniture .....	14.2	14.2	13.3	12.9	13.1
253	Public building and related furniture .....	5.3	5.3	5.0	5.0	4.9
254	Partitions and fixtures .....	10.4	10.1	10.3	10.1	10.1
259	Miscellaneous furniture and fixtures .....	12.1	11.8	13.3	13.3	13.4
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	121.6	118.6	110.4	108.2	106.2
322	Glass and glassware, pressed or blown .....	39.0	38.4	34.4	34.0	33.1
3221	Glass containers .....	21.8	21.4	20.5	19.9	19.3
3229	Pressed and blown glass, nec .....	17.2	17.0	13.9	14.1	13.8
323	Products of purchased glass .....	12.2	12.1	11.4	11.3	10.9
324	Cement, hydraulic .....	1.8	1.7	1.7	1.6	1.5
325	Structural clay products .....	6.2	6.0	5.6	5.5	5.6
326	Pottery and related products .....	14.4	12.8	13.7	13.4	13.1
327	Concrete, gypsum, and plaster products .....	14.7	14.5	14.5	14.2	13.8
329	Misc. nonmetallic mineral products .....	30.5	30.3	26.0	25.1	25.3
33	<b>PRIMARY METAL INDUSTRIES</b> .....	116.1	112.7	93.1	92.7	93.3
331	Blast furnace and basic steel products .....	37.3	36.2	26.2	25.3	25.4
3312	Blast furnaces and steel mills .....	27.3	26.5	18.7	18.0	18.1
332	Iron and steel foundries .....	16.8	16.9	12.3	12.2	12.4

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

[In thousands]

1972 SIC Code	Industry	Dec. 1981	Jan. 1982	Nov. 1982	Dec. 1982	Jan. 1983
<b>PRIMARY METAL INDUSTRIES—Continued</b>						
3321	Gray iron foundries .....	7.5	7.6	5.5	5.5	5.7
3322	Malleable iron foundries .....	1.0	1.0	.8	.8	.8
3325	Steel foundries, nec .....	4.4	4.3	3.1	3.0	3.0
333	Primary nonferrous metals .....	4.8	4.7	3.6	3.6	3.5
3334	Primary aluminum .....	2.0	1.9	1.5	1.5	1.4
335	Nonferrous rolling and drawing .....	37.2	35.2	31.9	32.4	33.0
3351	Copper rolling and drawing .....	3.3	3.2	2.9	2.8	2.9
3353	Aluminum sheet, plate, and foil .....	3.2	3.1	2.9	2.9	3.0
3357	Nonferrous wire drawing and insulating .....	23.5	21.8	18.9	19.5	19.9
338	Nonferrous foundries .....	14.7	14.3	14.0	14.1	14.1
3361	Aluminum foundries .....	7.9	7.5	7.3	7.3	7.1
34	<b>FABRICATED METAL PRODUCTS</b> .....	322.0	316.4	294.3	292.7	292.5
341	Metal cans and shipping containers .....	11.1	11.5	10.8	10.4	10.8
3411	Metal cans .....	9.4	9.8	9.0	8.7	9.0
342	Cutlery, hand tools, and hardware .....	51.6	50.2	44.6	44.5	44.4
3423, 5	Hand and edge tools, and hand saws and blades .....	15.3	15.1	12.6	12.6	12.5
3429	Hardware, nec .....	29.7	28.6	26.1	26.0	26.3
343	Plumbing and heating, except electric .....	17.3	16.7	16.9	17.1	17.3
344	Fabricated structural metal products .....	70.5	69.2	66.7	66.2	64.7
3441	Fabricated structural metal .....	7.8	7.7	6.7	6.6	6.5
3442	Metal doors, sash, and trim .....	19.4	19.0	21.4	21.1	20.7
3443	Fabricated plate work (boiler shops) .....	18.7	18.6	15.9	15.7	15.1
3444	Sheet metal work .....	15.1	14.7	14.4	14.3	14.0
345	Screw machine products, bolts, etc. ....	22.7	22.1	19.2	19.1	18.9
3451	Screw machine products .....	11.1	10.9	9.6	9.4	9.2
3452	Bolts, nuts, rivets, and washers .....	11.6	11.2	9.6	9.7	9.7
346	Metal forgings and stampings .....	47.8	46.9	42.8	42.1	41.8
3462	Iron and steel forgings .....	3.9	3.9	2.9	2.9	2.9
3465	Automotive stampings .....	11.6	11.0	10.4	10.1	10.6
3469	Metal stampings, nec .....	29.8	29.5	27.4	27.0	26.3
347	Metal services, nec .....	22.6	22.5	20.9	21.1	21.5
3471	Plating and polishing .....	16.4	16.3	15.6	15.7	16.0
3479	Metal coating and allied services .....	6.2	6.2	5.3	5.4	5.5
348	Ordnance and accessories, nec .....	19.6	19.8	20.2	20.3	20.1
349	Misc. fabricated metal products .....	58.8	57.5	52.2	51.9	53.0
3494	Valves and pipe fittings .....	22.9	23.0	19.5	19.3	19.7
3496	Misc. fabricated wire products .....	14.0	13.4	13.4	13.2	13.4
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	514.3	509.6	460.0	459.1	456.1
351	Engines and turbines .....	25.0	24.6	19.4	19.3	18.9
3511	Turbines and turbine generator sets .....	6.6	6.5	6.1	6.1	6.0
3519	Internal combustion engines, nec .....	18.4	18.1	13.3	13.2	12.9
352	Farm and garden machinery .....	25.2	25.2	20.5	21.0	21.2
3523	Farm machinery and equipment .....	17.8	17.5	14.5	14.2	14.0
353	Construction and related machinery .....	54.1	54.2	38.8	37.9	36.2
3531	Construction machinery .....	15.5	15.3	10.2	9.7	9.0
3533	Oil field machinery .....	19.0	19.4	13.2	12.9	12.5
354	Metalworking machinery .....	57.4	55.6	47.8	47.4	46.8
3541	Machine tools, metal cutting types .....	9.9	9.8	7.4	7.2	6.9
3544	Special dies, tools, jigs, and fixtures .....	16.0	15.2	14.3	14.5	14.4
3545	Machine tool accessories .....	13.4	13.5	10.9	10.7	10.6
355	Special industry machinery .....	28.8	28.6	26.3	26.2	26.0
3551	Food products machinery .....	5.6	5.4	5.0	5.0	5.0
3552	Textile machinery .....	5.0	5.0	4.2	4.2	4.2
3555	Printing trades machinery .....	6.7	6.8	7.1	7.2	7.2
356	General industrial machinery .....	62.3	61.4	50.5	49.5	49.1
3561	Pumps and pumping equipment .....	11.5	11.4	9.6	9.5	9.5
3562	Ball and roller bearings .....	13.4	13.2	10.4	10.0	9.9
357	Office and computing machines .....	176.4	176.6	182.4	183.7	184.3
3573	Electronic computing equipment .....	150.0	150.4	157.0	158.1	158.6
358	Refrigeration and service machinery .....	36.8	36.1	32.5	32.5	32.3
3585	Refrigeration and heating equipment .....	24.0	23.8	20.7	20.9	21.1
359	Misc. machinery, except electrical .....	48.3	47.3	41.8	41.6	41.3
3599	Machinery, except electrical, nec .....	39.6	38.8	34.3	34.1	33.6
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT</b> .....	881.3	879.7	829.7	819.5	820.8
361	Electric distributing equipment .....	46.4	45.0	40.6	40.2	39.5
3612	Transformers .....	19.5	18.7	17.2	16.8	16.4
3613	Switchgear and switchboard apparatus .....	26.9	26.3	23.4	23.4	23.1
362	Electrical industrial apparatus .....	87.9	87.7	72.2	70.8	70.9
3621	Motors and generators .....	48.6	48.1	39.0	38.5	38.5
3622	Industrial controls .....	27.5	28.3	23.9	23.1	23.0
363	Household appliances .....	51.4	53.9	49.8	46.9	47.9
3632	Household refrigerators and freezers .....	6.1	8.8	5.9	5.6	6.4
3633	Household laundry equipment .....	2.9	3.7	3.5	3.4	3.9
3634	Electric housewares and fans .....	27.5	25.7	26.7	24.7	23.0
364	Electric lighting and wiring equipment .....	88.5	87.8	80.1	74.2	78.2
3641	Electric lamps .....	19.4	20.7	18.0	12.2	16.3

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

[In thousands]

1972 SIC Code	Industry	Dec. 1981	Jan. 1982	Nov. 1982	Dec. 1982	Jan. 1983
<b>ELECTRIC AND ELECTRONIC EQUIPMENT—Continued</b>						
3643	Current-carrying wiring devices .....	39.9	38.2	35.1	35.1	35.0
365	Radio and TV receiving equipment .....	54.1	53.4	47.5	47.0	47.1
3651	Radio and TV receiving sets .....	40.5	40.8	35.3	34.9	35.7
366	Communication equipment .....	215.0	214.6	206.5	206.4	205.1
3661	Telephone and telegraph apparatus .....	73.8	72.6	64.9	64.2	63.2
3662	Radio and TV communication equipment .....	141.2	142.0	141.6	142.2	141.9
367	Electronic components and accessories .....	286.2	284.3	278.3	279.8	278.0
3671-3	Electronic tubes .....	15.9	15.8	16.4	16.6	16.8
3674	Semiconductors and related devices .....	102.9	103.4	104.7	105.7	105.6
3679	Electronic components, nec .....	119.9	118.6	115.9	116.3	114.7
369	Misc. electrical equipment and supplies .....	51.8	53.0	54.7	54.2	54.1
3694	Engine electrical equipment .....	21.4	22.5	24.6	24.8	24.3
37	<b>TRANSPORTATION EQUIPMENT</b> .....	299.7	293.7	274.9	276.3	276.4
371	Motor vehicles and equipment .....	107.1	100.2	91.9	93.1	93.5
3711	Motor vehicles and car bodies .....	39.9	34.4	31.7	33.8	32.9
3713	Truck and bus bodies .....	3.7	3.4	2.7	2.6	2.6
3714	Motor vehicle parts and accessories .....	60.0	59.0	54.2	53.3	54.9
372	Aircraft and parts .....	123.8	123.4	115.1	115.4	114.7
3721	Aircraft .....	69.1	68.8	63.4	63.4	62.9
3724	Aircraft engines and engine parts .....	27.6	27.5	25.2	25.4	25.4
3728	Aircraft equipment, nec .....	27.1	27.1	26.5	26.6	26.4
373	Ship and boat building and repairing .....	24.2	23.5	23.2	23.0	22.4
3731	Ship building and repairing .....	18.3	17.9	17.5	17.3	16.9
374	Railroad equipment .....	5.2	5.0	3.5	3.3	3.4
376	Guided missiles, space vehicles, parts .....	28.8	28.9	30.0	30.2	30.3
3761	Guided missiles and space vehicles .....	23.6	23.6	24.7	24.8	24.8
379	Miscellaneous transportation equipment .....	7.1	7.2	7.3	7.4	7.6
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	309.3	305.6	290.1	288.3	286.9
381	Engineering and scientific instruments .....	24.9	24.7	23.0	22.8	22.7
382	Measuring and controlling devices .....	109.6	108.1	98.5	98.7	98.4
3822	Environmental controls .....	22.0	21.9	19.7	20.2	20.3
3823	Process control instruments .....	20.5	19.8	17.7	17.7	17.4
3825	Instruments to measure electricity .....	48.4	48.3	45.7	45.6	45.4
383	Optical instruments and lenses .....	11.8	11.8	11.3	11.0	11.0
384	Medical instruments and supplies .....	88.9	88.1	86.8	86.3	86.5
3841	Surgical and medical instruments .....	43.6	43.1	43.0	42.7	42.5
3842	Surgical appliances and supplies .....	37.3	37.0	36.8	36.6	37.0
385	Ophthalmic goods .....	23.2	22.2	20.3	20.5	20.4
386	Photographic equipment and supplies .....	40.0	39.9	39.1	38.3	37.5
387	Watches, clocks, and watchcases .....	10.9	10.8	11.1	10.7	10.4
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	189.4	179.0	175.2	167.3	163.0
391	Jewelry, silverware, and plated ware .....	27.5	25.7	27.4	26.6	25.8
393	Musical instruments .....	9.8	9.5	8.8	8.6	8.6
394	Toys and sporting goods .....	57.9	53.9	51.5	46.6	46.3
3942, 4	Dolls, games, toys, and children's vehicles .....	28.9	26.0	26.8	22.0	21.8
3949	Sporting and athletic goods, nec .....	29.0	27.9	24.7	24.6	24.5
395	Pens, pencils, office and art supplies .....	20.2	19.5	17.3	16.9	16.7
396	Costume jewelry and notions .....	26.1	23.8	24.3	23.1	21.1
399	Miscellaneous manufactures .....	47.9	46.6	45.9	45.5	44.5
<b>NONDURABLE GOODS</b>						
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	493.9	467.7	509.5	489.1	472.8
201	Meat products .....	115.9	111.5	115.0	111.3	109.3
2011	Meat packing plants .....	28.2	27.8	26.7	26.6	25.8
2013	Sausages and other prepared meats .....	21.1	20.6	21.1	20.7	20.3
2016	Poultry dressing plants .....	60.0	56.4	60.5	57.6	56.8
202	Dairy products .....	36.4	35.5	35.5	35.5	34.4
2026	Fluid milk .....	16.0	15.8	15.5	15.4	15.2
203	Preserved fruits and vegetables .....	88.2	77.9	103.3	90.3	81.7
2032	Canned specialties .....	9.0	8.5	8.6	8.5	8.5
2033	Canned fruits and vegetables .....	24.9	20.8	32.2	24.3	20.7
2037	Frozen fruits and vegetables .....	20.8	17.6	25.1	22.5	19.7
204	Grain mill products .....	29.5	29.1	29.4	29.7	29.6
205	Bakery products .....	57.8	56.6	59.4	59.2	58.3
2051	Bread, cake, and related products .....	38.2	37.5	39.4	39.2	38.6
2052	Cookies and crackers .....	19.6	19.1	20.0	20.0	19.7
206	Sugar and confectionery products .....	47.4	44.1	50.5	48.3	48.4
207	Fats and oils .....	6.0	6.0	6.0	5.9	5.9
208	Beverages .....	43.2	42.1	43.0	42.5	41.2
2082	Malt beverages .....	8.2	8.1	7.6	7.5	7.3
2086	Bottled and canned soft drinks .....	18.9	18.9	19.5	19.5	19.3
209	Misc. foods and kindred products .....	69.5	64.9	67.4	66.4	64.0
21	<b>TOBACCO MANUFACTURES</b> .....	25.9	25.5	22.9	24.6	24.4
211	Cigarettes .....	14.6	14.5	13.7	13.9	13.8



# ESTABLISHMENT DATA

## WOMEN EMPLOYEES

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

[In thousands]

1972 SIC Code	Industry	Dec. 1981	Jan. 1982	Nov. 1982	Dec. 1982	Jan. 1983
22	<b>TEXTILE MILL PRODUCTS</b>	379.7	366.9	350.2	347.0	342.0
221	Weaving mills, cotton	60.1	59.1	51.6	52.5	51.0
222	Weaving mills, synthetics	44.8	43.7	38.2	37.9	37.2
223	Weaving and finishing mills, wool	7.1	7.2	6.2	6.3	6.2
224	Narrow fabric mills	14.1	13.6	12.7	12.5	12.4
225	Knitting mills	135.1	128.6	132.9	129.2	126.3
2251	Women's hosiery, except socks	25.4	25.1	24.2	24.3	24.2
2252	Hosiery, nec	23.4	22.8	22.1	21.7	21.5
2253	Knit outerwear mills	48.4	44.2	50.0	46.4	43.7
2254	Knit underwear mills	20.7	19.9	21.2	21.3	21.4
2257	Circular knit fabric mills	9.9	9.6	9.3	9.2	9.2
226	Textile finishing, except wool	20.8	19.9	19.2	19.3	19.4
2281	Finishing plants, cotton	9.8	9.2	9.1	9.1	9.3
2282	Finishing plants, synthetic	5.6	5.7	4.9	4.9	4.9
227	Floor covering mills	21.3	20.1	20.1	20.0	20.4
228	Yarn and thread mills	57.4	56.0	53.2	53.3	53.2
2281	Yarn mills, except wool	36.7	35.3	35.2	35.5	35.3
2282	Throwing and winding mills	11.0	10.5	9.9	9.8	10.0
229	Miscellaneous textile goods	19.0	18.7	16.1	16.0	15.9
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	979.0	951.0	921.3	903.6	904.1
231	Men's and boys' suits and coats	61.0	59.7	55.5	55.8	54.8
232	Men's and boys' furnishings	290.3	278.3	272.4	269.8	267.7
2321	Men's and boys' shirts and nightwear	83.4	80.4	78.4	76.0	75.5
2327	Men's and boys' separate trousers	59.6	58.2	55.8	56.3	56.2
2328	Men's and boys' work clothing	82.8	79.4	78.7	79.0	77.7
233	Women's and misses' outerwear	326.8	323.8	310.8	301.9	306.5
2331	Women's and misses' blouses and waists	52.9	52.2	53.2	51.1	52.4
2335	Women's and misses' dresses	111.0	111.3	103.1	98.2	101.9
2337	Women's and misses' suits and coats	44.5	43.7	43.0	41.8	40.0
2339	Women's and misses' outerwear, nec	118.4	116.6	111.5	110.8	112.2
234	Women's and children's undergarments	78.3	75.5	73.3	72.0	71.1
2341	Women's and children's underwear	63.4	61.4	61.1	59.8	59.2
2342	Brassieres and allied garments	14.9	14.1	12.2	12.2	11.9
236	Children's outerwear	54.6	53.5	50.2	49.7	50.7
2361	Children's dresses and blouses	24.5	24.2	22.9	22.8	22.9
236	Misc. apparel and accessories	42.7	40.7	39.3	36.0	35.9
239	Misc. fabricated textile products	109.7	104.0	105.1	103.9	103.2
2391	Curtains and draperies	22.0	20.4	18.9	18.6	18.5
2392	House furnishings, nec	31.9	29.1	32.3	31.8	30.6
2396	Automotive and apparel trimmings	13.2	12.7	12.7	12.8	12.9
26	<b>PAPER AND ALLIED PRODUCTS</b>	157.6	155.2	149.6	149.1	147.3
261, 2, 6	Paper and pulp mills	27.7	27.2	26.1	26.0	25.6
262	Paper mills, except building paper	24.9	24.5	23.5	23.4	23.1
263	Paperboard mills	5.7	5.7	5.3	5.3	5.2
264	Misc. converted paper products	77.1	76.4	73.6	73.7	73.5
265	Paperboard containers and boxes	47.1	45.9	44.6	44.1	43.0
27	<b>PRINTING AND PUBLISHING</b>	519.2	515.1	514.6	518.5	514.2
271	Newspapers	165.7	164.5	166.1	166.4	165.3
272	Periodicals	59.3	59.7	60.2	60.7	61.0
273	Books	54.0	54.0	50.8	52.1	51.9
274	Miscellaneous publishing	27.5	27.2	27.8	28.5	28.3
275	Commercial printing	135.0	133.5	133.6	134.5	131.2
2751	Commercial printing, letterpress	53.9	51.8	51.4	51.2	48.4
2752	Commercial printing, lithographic	74.6	75.2	76.2	77.0	76.7
276	Manifold business forms	16.3	16.3	15.6	15.9	16.0
278	Blankbooks and bookbinding	33.9	33.1	32.5	32.4	32.8
279	Printing trade services	12.2	12.3	13.4	13.6	13.4
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	284.0	281.3	274.2	272.1	269.2
281	Industrial inorganic chemicals	23.8	23.7	23.7	23.5	23.7
2819	Industrial inorganic chemicals, nec	15.9	15.9	15.8	15.8	15.9
282	Plastics materials and synthetics	42.1	42.0	37.2	36.0	35.1
2821	Plastics materials and resins	11.3	11.2	10.6	10.5	10.3
2824	Organic fibers, noncellulosic	22.3	22.2	19.4	18.8	18.2
283	Drugs	85.9	85.7	86.2	86.4	86.3
2834	Pharmaceutical preparations	72.4	72.3	72.0	72.2	72.2
284	Soap, cleaners, and toilet goods	59.2	57.9	58.7	58.5	56.4
2841	Soap and other detergents	10.1	9.6	10.1	10.3	10.0
2844	Toilet preparations	37.1	36.2	36.3	36.0	34.0
285	Paints and allied products	11.8	11.7	11.3	11.2	11.4
286	Industrial organic chemicals	29.0	29.0	27.2	26.8	26.7
2861, 9	Gum, wood, and industrial organic chemicals, nec	24.3	24.3	22.8	22.4	22.3
287	Agricultural chemicals	10.8	10.6	9.7	9.6	9.5
289	Miscellaneous chemical products	21.4	20.7	20.2	20.1	20.1

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

[In thousands]

1972 SIC Code	Industry	Dec. 1981	Jan. 1982	Nov. 1982	Dec. 1982	Jan. 1983
29	<b>PETROLEUM AND COAL PRODUCTS</b>	32.0	31.6	31.8	31.7	31.6
291	Petroleum refining	26.9	26.6	26.9	27.0	26.8
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b>	251.1	245.0	238.6	236.9	235.7
301	Tires and inner tubes	10.1	9.7	8.7	8.8	8.4
302	Rubber and plastics footwear	13.6	12.7	13.3	12.9	11.6
303,4	Reclaimed rubber, and rubber and plastics hose and belting	6.4	5.2	4.8	4.8	4.7
306	Fabricated rubber products, nec	34.7	33.6	32.1	31.9	31.8
307	Miscellaneous plastics products	186.3	183.8	179.7	178.5	179.2
31	<b>LEATHER AND LEATHER PRODUCTS</b>	133.5	130.5	123.6	118.8	118.3
311	Leather tanning and finishing	2.9	2.8	2.6	2.6	2.5
314	Footwear, except rubber	89.1	89.7	84.4	81.2	82.0
3143	Men's footwear, except athletic	34.2	35.8	30.6	28.8	29.3
3144	Women's footwear, except athletic	34.1	33.2	33.9	33.6	33.7
316	Luggage	7.6	6.9	6.5	6.0	5.7
317	Handbags and personal leather goods	20.0	18.2	17.4	16.4	15.7
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	1,368	1,334	1,343	1,343	1,322
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b>	80.7	80.8	85.3	85.7	85.8
411	Local and suburban transportation	16.7	16.5	16.5	16.6	16.6
412	Taxicabs	6.8	6.7	6.4	6.4	6.4
413	Intercity highway transportation	4.8	4.8	4.5	4.5	4.4
415	School buses	49.1	49.6	54.2	54.5	54.8
42	<b>TRUCKING AND WAREHOUSING</b>	159.5	154.8	157.0	156.7	150.3
421,3	Trucking and trucking terminals	141.0	137.5	137.0	138.6	132.9
422	Public warehousing	18.5	17.3	20.0	18.1	17.4
44	<b>WATER TRANSPORTATION</b>	24.6	24.2	23.4	23.6	22.7
45	<b>TRANSPORTATION BY AIR</b>	145.0	144.0	145.4	145.4	143.8
451,2	Air transportation	135.7	134.8	135.8	135.7	133.7
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b>	3.4	3.4	3.0	2.9	2.9
47	<b>TRANSPORTATION SERVICES</b>	107.5	108.0	116.2	116.8	117.8
48	<b>COMMUNICATION</b>	657.1	626.9	618.8	617.7	606.3
481	Telephone communication	557.8	526.7	510.1	508.4	496.2
483	Radio and television broadcasting	70.3	70.8	74.4	74.6	75.0
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	166.2	167.0	172.0	172.6	172.5
491	Electric services	78.4	78.9	82.7	82.8	83.3
492	Gas production and distribution	39.0	39.1	39.8	40.0	39.5
493	Combination utility services	37.3	37.1	37.4	37.5	37.6
495	Sanitary services	6.6	6.6	6.8	6.9	6.7
-	<b>WHOLESALE AND RETAIL TRADE</b>	9,506	9,004	9,279	9,495	9,047
50,51	<b>WHOLESALE TRADE</b>	1,420	1,397	1,403	1,396	1,373
50	<b>WHOLESALE TRADE-DURABLE GOODS</b>	789	780	765	764	757
501	Motor vehicles and automotive equipment	89.2	88.9	89.7	89.7	89.9
502	Furniture and home furnishings	46.8	45.8	47.2	47.4	47.1
503	Lumber and construction materials	37.7	36.9	37.6	37.1	37.1
504	Sporting goods, toys, and hobby goods	24.5	24.0	24.0	24.4	24.3
505	Metals and minerals, except petroleum	29.7	29.4	25.6	25.5	24.8
506	Electrical goods	130.9	129.6	127.2	127.0	124.2
507	Hardware, plumbing, and heating equipment	65.9	65.5	64.5	64.5	64.2
508	Machinery, equipment, and supplies	316.7	314.1	305.2	304.8	302.2
509	Miscellaneous durable goods	47.1	46.2	43.9	43.7	43.3
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b>	631	617	638	632	616
511	Paper and paper products	49.9	50.2	52.3	52.3	51.5
512	Drugs, proprietaries, and sundries	65.9	65.2	69.7	68.8	69.2
513	Apparel, piece goods, and notions	82.6	81.4	87.1	85.4	83.6
514	Groceries and related products	155.1	148.0	149.6	148.0	139.0
516	Chemicals and allied products	36.7	37.4	38.5	38.7	38.7
517	Petroleum and petroleum products	55.5	55.4	55.8	56.1	55.1
518	Beer, wine, and distilled beverages	22.2	22.1	21.9	22.0	21.8
519	Miscellaneous nondurable goods	121.1	119.0	121.4	121.5	120.0

# ESTABLISHMENT DATA WOMEN EMPLOYEES

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

[In thousands]

1972 SIC Code	Industry	Dec. 1981	Jan. 1982	Nov. 1982	Dec. 1982	Jan. 1983
52-59	<b>RETAIL TRADE</b> .....	8,086	7,607	7,876	8,099	7,674
52	<b>BUILDING MATERIALS AND GARDEN SUPPLIES</b> .....	160.5	152.8	160.1	162.7	154.8
521	Lumber and other building materials .....	63.8	61.7	64.9	65.1	64.2
525	Hardware stores .....	57.6	54.9	56.1	57.8	55.2
53	<b>GENERAL MERCHANDISE STORES</b> .....	1,680.5	1,544.4	1,591.1	1,706.2	1,553.6
531	Department stores .....	1,389.1	1,283.0	1,326.4	1,425.3	1,311.9
533	Variety stores .....	192.9	175.7	175.2	184.4	157.6
539	Misc. general merchandise stores .....	98.5	85.7	89.5	96.5	84.1
54	<b>FOOD STORES</b> .....	1,086.3	1,056.3	1,110.8	1,123.3	1,091.4
541	Grocery stores .....	903.3	890.9	926.0	931.3	920.0
542	Meat markets and freezer provisioners .....	16.8	16.5	17.6	17.3	16.9
546	Retail bakeries .....	82.7	79.7	83.7	84.5	82.4
56	<b>AUTOMOTIVE DEALERS AND SERVICE STATIONS</b> .....	314.0	309.0	316.9	316.0	312.4
561,2	New and used car dealers .....	110.2	107.9	108.3	108.5	108.2
563	Auto and home supply stores .....	51.5	51.2	52.0	52.3	52.0
564	Gasoline service stations .....	138.3	136.3	141.6	140.8	137.8
56	<b>APPAREL AND ACCESSORY STORES</b> .....	754.2	682.1	696.0	751.6	683.9
561	Men's and boys' clothing and furnishings .....	67.0	60.1	58.4	66.7	58.5
562	Women's ready-to-wear stores .....	346.4	312.8	320.6	339.6	311.3
565	Family clothing stores .....	160.1	139.1	141.0	159.6	138.3
566	Shoe stores .....	91.9	88.6	89.7	94.7	89.8
57	<b>FURNITURE AND HOME FURNISHING STORES</b> .....	214.0	207.1	211.4	216.1	211.1
571	Furniture and home furnishings stores .....	139.7	135.9	137.9	139.5	136.4
572	Household appliance stores .....	23.8	23.3	23.4	24.2	24.3
573	Radio, television, and music stores .....	50.5	47.9	50.1	52.4	50.4
58	<b>EATING AND DRINKING PLACES</b> .....	2,694.9	2,562.2	2,648.4	2,633.6	2,556.2
59	<b>MISCELLANEOUS RETAIL</b> .....	1,181.8	1,093.5	1,141.5	1,189.9	1,110.8
591	Drug stores and proprietary stores .....	330.1	321.4	317.1	325.3	316.8
592	Liquor stores .....	40.6	36.8	38.2	39.2	37.1
594	Miscellaneous shopping goods stores .....	434.3	388.9	425.5	459.1	409.0
596	Nonstore retailers .....	190.1	172.0	180.4	180.9	170.1
598	Fuel and ice dealers .....	24.6	24.9	24.9	25.0	24.6
599	Retail stores, nec .....	141.2	128.6	133.2	138.1	131.0
-	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,189	3,172	3,206	3,216	3,212
60	<b>BANKING</b> .....	1,168.0	1,168.3	1,169.2	1,170.9	1,171.8
602	Commercial and stock savings banks .....	1,073.7	1,074.3	1,074.3	1,075.6	1,075.9
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	403.7	404.2	415.0	419.0	425.0
612	Savings and loan associations .....	201.1	202.0	211.5	213.5	218.2
614	Personal credit institutions .....	130.0	129.3	127.7	128.1	128.2
62	<b>SECURITY, COMMODITY BROKERS, AND SERVICES</b> .....	117.9	118.4	125.1	126.8	124.5
621	Security brokers and dealers .....	97.6	98.3	104.1	105.6	102.4
63	<b>INSURANCE CARRIERS</b> .....	752.0	741.0	738.0	737.6	733.8
631	Life insurance .....	305.6	295.7	297.8	297.0	294.8
632	Medical service and health insurance .....	101.9	101.7	101.7	102.1	102.4
633	Fire, marine, and casualty insurance .....	296.4	295.7	290.0	289.5	287.6
64	<b>INSURANCE AGENTS, BROKERS, AND SERVICE</b> .....	298.2	297.3	301.6	301.7	302.4
65	<b>REAL ESTATE</b> .....	371.3	365.4	375.6	379.7	375.8
651	Real estate operators and lessors .....	152.1	148.5	156.9	160.9	159.7
653	Real estate agents and managers .....	171.6	170.7	172.3	172.3	170.9
655	Subdividers and developers .....	34.4	33.1	34.3	34.3	32.9
66	<b>COMBINED REAL ESTATE, INSURANCE, ETC.</b> .....	11.8	11.9	11.5	11.6	11.1
67	<b>HOLDING AND OTHER INVESTMENT OFFICES</b> .....	65.8	65.6	69.6	68.9	67.2
-	<b>SERVICES</b> .....	11,124	11,031	11,412	11,403	11,314
70	<b>HOTELS AND OTHER LODGING PLACES</b> .....	573.8	557.1	564.8	552.0	540.0
701	Hotels, motels, and tourist courts .....	556.1	540.6	548.1	535.2	524.3

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

[In thousands]

1972 SIC Code	Industry	Dec. 1981	Jan. 1982	Nov. 1982	Dec. 1982	Jan. 1983
72	<b>PERSONAL SERVICES</b> .....	631.5	639.7	647.2	649.2	654.0
721	Laundry, cleaning, and garment services .....	224.6	222.1	221.3	219.5	218.2
723	Beauty shops .....	258.9	258.9	270.6	271.4	269.5
726	Funeral service and crematories .....	19.7	19.6	20.7	21.0	20.9
73	<b>BUSINESS SERVICES</b> .....	1,464.4	1,435.3	1,467.9	1,476.2	1,458.8
731	Advertising .....	75.4	75.8	79.2	79.7	80.6
732	Credit reporting and collection .....	53.4	53.1	54.0	54.7	54.3
733	Mailing, reproduction, stenographic .....	65.3	66.5	67.1	65.6	64.8
734	Services to buildings .....	205.9	202.5	206.8	207.7	204.2
736	Personnel supply services .....	373.3	367.7	350.8	356.5	354.8
737	Computer and data processing services .....	168.0	168.1	175.1	176.9	177.8
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	94.7	95.2	101.0	102.7	100.1
753	Automotive repair shops .....	45.1	45.6	49.8	50.6	49.5
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	59.1	58.5	59.1	58.6	58.0
78	<b>MOTION PICTURES</b> .....	82.4	78.9	80.0	81.6	80.1
781	Motion picture production and services .....	27.8	26.2	26.8	28.5	27.7
783	Motion picture theaters .....	48.2	46.3	47.1	47.1	46.4
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	290.9	277.7	309.5	313.5	295.6
80	<b>HEALTH SERVICES</b> .....	4,609.7	4,621.1	4,755.5	4,753.0	4,761.6
801	Offices of physicians .....	623.4	627.4	650.9	652.6	653.9
802	Offices of dentists .....	316.7	317.4	335.3	336.8	338.2
805	Nursing and personal care facilities .....	925.5	928.7	956.9	956.9	957.5
806	Hospitals .....	2,394.7	2,400.0	2,440.8	2,434.0	2,438.0
81	<b>LEGAL SERVICES</b> .....	384.2	385.7	407.1	409.6	409.2
82	<b>EDUCATIONAL SERVICES</b> .....	663.0	621.2	693.3	679.2	644.6
821	Elementary and secondary schools .....	193.8	192.9	208.6	208.8	208.6
822	Colleges and universities .....	399.7	359.9	412.1	398.0	364.5
83	<b>SOCIAL SERVICES</b> .....	870.0	865.0	902.7	906.1	902.4
89	<b>MISCELLANEOUS SERVICES</b> .....	354.8	360.0	361.9	363.2	365.4
891	Engineering and architectural services .....	126.6	126.1	126.8	125.7	123.6
893	Accounting, auditing, and bookkeeping .....	166.0	172.0	175.4	177.6	181.7
-	<b>GOVERNMENT</b> .....	7,826	7,712	7,706	c7,681	7,572
-	<b>FEDERAL GOVERNMENT</b> .....	868	869	884	887	885
-	<b>STATE AND LOCAL GOVERNMENT</b> .....	6,958	6,843	6,822	c6,794	6,687
-	State government .....	1,685.2	1,634.3	1,645.5	c1,631.0	1,583.2
-	Hospitals .....	329.4	326.8	317.9	318.0	317.5
-	State education .....	703.4	651.0	706.8	c697.5	651.4
-	General administration including executive, legislative, and judicial functions .....	438.4	441.6	413.2	409.0	406.5
-	Local government .....	5,272.6	5,208.2	5,176.2	5,162.8	5,104.1
-	Transportation and public utilities .....	95.6	96.5	97.1	97.4	97.5
-	Hospitals .....	517.8	520.2	529.2	529.5	530.0
-	Local education .....	3,533.2	3,467.7	3,404.1	3,402.4	3,348.4
-	General administration including executive, legislative, and judicial functions .....	936.6	936.1	968.2	955.6	951.2

Corrected 1982 annual averages

c = corrected.

Industry	1982 Annual Average
Total .....	39,004
Government .....	7,550
State and local government .....	6,887
State government .....	1,609.7
State education .....	646.7

# 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	1982											1983	
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. P	Mar. P
<b>TOTAL</b> .....	90,304	90,083	90,166	89,839	89,535	89,313	89,264	88,877	88,750	88,565	88,920	88,735	88,854
<b>GOODS-PRODUCING</b> .....	24,450	24,289	24,255	23,994	23,840	23,657	23,530	23,239	23,081	22,986	23,162	23,018	23,025
<b>MINING</b> .....	1,197	1,182	1,152	1,124	1,100	1,086	1,075	1,058	1,046	1,037	1,027	1,005	994
<b>CONSTRUCTION</b> .....	3,934	3,938	3,988	3,940	3,927	3,899	3,883	3,856	3,854	3,818	3,927	3,789	3,768
<b>MANUFACTURING</b> .....	19,319	19,169	19,115	18,930	18,813	18,672	18,572	18,325	18,181	18,131	18,208	18,224	18,263
<b>DURABLE GOODS</b> .....	11,490	11,375	11,332	11,203	11,133	10,993	10,900	10,666	10,550	10,519	10,576	10,609	10,632
Lumber and wood products .....	607	615	617	615	614	614	616	614	616	621	633	641	646
Furniture and fixtures .....	446	443	443	442	439	443	439	434	435	436	436	435	444
Stone, clay, and glass products .....	590	564	586	580	579	574	571	565	556	552	554	554	555
Primary metal industries .....	1,007	976	945	926	906	889	865	831	813	803	815	806	816
Fabricated metal products .....	1,496	1,481	1,472	1,452	1,446	1,427	1,414	1,381	1,365	1,358	1,368	1,370	1,373
Machinery, except electrical .....	2,419	2,389	2,377	2,322	2,274	2,230	2,208	2,142	2,108	2,086	2,067	2,065	2,066
Electric and electronic equipment .....	2,036	2,034	2,034	2,026	2,018	2,011	1,995	1,969	1,963	1,946	1,964	1,971	1,977
Transportation equipment .....	1,774	1,748	1,755	1,745	1,759	1,719	1,709	1,658	1,631	1,662	1,679	1,708	1,694
Instruments and related products .....	716	713	713	708	708	702	701	694	689	682	684	682	682
Miscellaneous manufacturing ind. ....	397	392	390	387	390	384	382	378	374	373	376	377	379
<b>NONDURABLE GOODS</b> .....	7,829	7,794	7,783	7,727	7,680	7,679	7,672	7,659	7,631	7,612	7,632	7,615	7,631
Food and kindred products .....	1,658	1,643	1,652	1,637	1,643	1,628	1,629	1,644	1,644	1,636	1,637	1,626	1,631
Tobacco manufactures .....	68	67	67	67	65	65	63	63	61	66	67	65	65
Textile mill products .....	760	773	759	741	741	737	735	726	725	725	723	723	724
Apparel and other textile products .....	1,186	1,165	1,165	1,161	1,126	1,145	1,143	1,141	1,134	1,131	1,145	1,140	1,131
Paper and allied products .....	668	664	661	658	657	653	657	650	652	650	650	649	650
Printing and publishing .....	1,278	1,274	1,274	1,269	1,267	1,269	1,269	1,268	1,266	1,265	1,270	1,269	1,273
Chemicals and allied products .....	1,088	1,082	1,079	1,073	1,068	1,070	1,066	1,061	1,059	1,054	1,052	1,052	1,052
Petroleum and coal products .....	207	206	207	205	205	205	209	208	206	206	207	206	207
Rubber and misc. plastic products .....	703	706	708	704	700	699	694	684	678	678	680	684	695
Leather and leather products .....	213	214	211	212	208	208	207	205	205	201	201	201	203
<b>SERVICE-PRODUCING</b> .....	65,854	65,794	65,911	65,845	65,695	65,656	65,734	65,638	65,669	65,579	65,758	65,717	65,829
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	5,100	5,094	5,101	5,078	5,044	5,025	5,031	5,007	4,992	4,983	4,949	4,937	4,933
<b>WHOLESALE AND RETAIL TRADE</b> ..	20,655	20,584	20,652	20,595	20,615	20,550	20,492	20,441	20,425	20,316	20,487	20,435	20,476
<b>WHOLESALE TRADE</b> .....	5,336	5,323	5,331	5,307	5,299	5,278	5,272	5,254	5,228	5,205	5,197	5,187	5,198
<b>RETAIL TRADE</b> .....	15,319	15,261	15,321	15,288	15,316	15,272	15,220	15,187	15,197	15,111	15,290	15,248	15,278
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	5,336	5,335	5,342	5,352	5,359	5,360	5,367	5,357	5,363	5,377	5,384	5,403	5,410
<b>SERVICES</b> .....	18,904	18,929	18,963	18,988	19,042	19,048	19,084	19,074	19,135	19,148	19,200	19,205	19,293
<b>GOVERNMENT</b> .....	15,859	15,852	15,853	15,832	15,635	15,673	15,760	15,759	15,754	15,755	15,738	15,737	15,717
<b>FEDERAL</b> .....	2,736	2,730	2,728	2,739	2,737	2,740	2,731	2,740	2,745	2,761	2,749	2,751	2,748
<b>STATE AND LOCAL</b> .....	13,123	13,122	13,125	13,093	12,898	12,933	13,029	13,019	13,009	12,994	12,989	12,986	12,969

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	1982												1983
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>TOTAL</b> <sup>1</sup> .....	39,089	39,147	39,150	39,093	39,181	39,062	38,926	38,925	38,980	38,861	38,831	38,795	38,956
<b>GOODS-PRODUCING</b> .....	6,712	6,692	6,650	6,601	6,593	6,536	6,502	6,480	6,439	6,385	6,341	6,327	6,360
<b>MINING</b> .....	140	141	142	143	141	138	135	134	133	132	131	131	130
<b>CONSTRUCTION</b> .....	384	382	382	384	383	381	379	379	378	379	379	381	383
<b>MANUFACTURING</b> .....	6,188	6,169	6,126	6,074	6,069	6,017	5,988	5,967	5,928	5,874	5,831	5,815	5,847
<b>DURABLE GOODS</b> .....	2,957	2,942	2,922	2,894	2,891	2,865	2,860	2,834	2,804	2,753	2,725	2,714	2,730
Lumber and wood products .....	93	92	91	91	91	91	91	91	91	90	90	92	92
Furnitures and fixtures .....	136	135	135	133	133	133	131	132	131	130	130	130	131
Stone, clay, and glass products .....	120	120	119	117	117	115	116	114	114	111	109	108	108
Primary metal industries .....	113	112	110	107	107	105	105	103	100	96	93	93	94
Fabricated metal products .....	317	315	313	309	308	307	304	304	300	293	291	291	293
Machinery, except electrical .....	507	505	503	500	499	493	485	480	477	465	460	456	453
Electric and electronic equipment .....	880	876	870	867	869	860	859	855	842	830	823	812	821
Transportation equipment .....	256	295	293	287	286	284	288	282	279	274	270	275	279
Instruments and related products .....	307	306	304	303	303	301	301	297	296	293	290	288	288
Miscellaneous manufacturing ind. ....	188	186	184	180	178	176	180	176	174	171	169	169	171
<b>NONDURABLE GOODS</b> .....	3,231	3,227	3,204	3,180	3,178	3,152	3,128	3,133	3,124	3,121	3,106	3,101	3,117
Food and kindred products .....	496	499	499	491	495	490	498	490	486	497	498	495	501
Tobacco manufactures .....	25	24	24	24	24	24	24	23	22	22	21	23	24
Textile mill products .....	370	368	362	367	362	353	355	352	352	351	347	346	344
Apparel and other textile products .....	971	971	958	939	938	935	905	922	923	921	915	912	923
Paper and allied products .....	157	157	156	155	154	151	152	151	151	150	149	150	149
Printing and publishing .....	516	518	518	518	519	517	515	515	516	514	512	514	515
Chemicals and allied products .....	284	284	283	282	281	280	278	279	277	274	274	273	272
Petroleum and coal products .....	32	33	33	32	32	31	31	31	32	32	32	32	32
Rubber and misc. plastics products .....	247	245	244	245	247	245	246	246	242	238	236	236	237
Leather and leather products .....	133	128	127	127	126	126	124	124	123	122	122	120	120
<b>SERVICE-PRODUCING</b> <sup>1</sup> .....	32,377	32,455	32,500	32,492	32,588	32,526	32,424	32,445	32,541	32,476	32,490	32,468	32,596
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	1,338	1,339	1,339	1,342	1,348	1,341	1,335	1,334	1,336	1,333	1,330	1,332	1,326
<b>WHOLESALE AND RETAIL TRADE</b> ..	9,084	9,129	9,130	9,118	9,156	9,124	9,164	9,127	9,091	9,086	9,061	9,010	9,125
<b>WHOLESALE TRADE</b> .....	1,405	1,408	1,409	1,411	1,410	1,406	1,403	1,397	1,395	1,391	1,385	1,384	1,381
<b>RETAIL TRADE</b> .....	7,679	7,721	7,721	7,707	7,746	7,718	7,761	7,730	7,696	7,695	7,676	7,626	7,744
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,185	3,185	3,190	3,194	3,202	3,211	3,209	3,211	3,215	3,205	3,209	3,216	3,225
<b>SERVICES</b> .....	11,151	11,192	11,216	11,229	11,255	11,265	11,300	11,308	11,366	11,362	11,389	11,414	11,440
<b>GOVERNMENT</b> <sup>1</sup> .....	7,619	7,610	7,625	7,609	7,627	7,585	7,416	7,465	7,533	7,490	7,501	7,496	7,480
<b>FEDERAL</b> .....	877	875	876	873	876	881	883	886	890	886	897	900	892
<b>STATE AND LOCAL</b> <sup>1</sup> .....	6,742	6,735	6,749	6,736	6,751	6,704	6,533	6,579	6,643	6,604	6,604	6,596	6,588

<sup>1</sup> December 1982 estimates have been corrected.

# 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	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	Mar. <sup>P</sup>
<b>TOTAL PRIVATE</b> .....	60,132	59,923	60,025	59,759	59,670	59,388	59,303	58,929	58,788	58,635	58,986	58,813	58,933
<b>GOODS-PRODUCING</b> .....	17,073	16,922	16,917	16,686	16,564	16,414	16,308	16,037	15,895	15,814	15,981	15,840	15,860
<b>MINING</b> .....	871	863	835	805	782	770	763	746	739	727	716	694	687
<b>CONSTRUCTION</b> .....	3,023	3,017	3,074	3,029	3,022	2,997	2,979	2,956	2,953	2,915	3,019	2,878	2,857
<b>MANUFACTURING</b> .....	13,179	13,042	13,008	12,852	12,760	12,647	12,566	12,335	12,203	12,172	12,246	12,268	12,316
<b>DURABLE GOODS</b> .....	7,685	7,576	7,553	7,443	7,388	7,272	7,191	6,979	6,874	6,853	6,913	6,943	6,977
Lumber and wood products .....	497	507	507	506	505	506	507	505	508	512	525	532	536
Furniture and fixtures .....	353	350	350	349	346	350	346	342	342	343	343	343	351
Stone, clay, and glass products .....	446	441	444	438	438	435	433	427	420	416	418	418	419
Primary metal industries .....	756	727	702	686	669	657	638	607	591	584	596	592	603
Fabricated metal products .....	1,081	1,069	1,063	1,046	1,043	1,027	1,017	989	975	971	982	986	992
Machinery, except electrical .....	1,490	1,460	1,454	1,408	1,366	1,328	1,309	1,250	1,221	1,206	1,192	1,189	1,196
Electric and electronic equipment .....	1,248	1,241	1,240	1,233	1,221	1,215	1,202	1,180	1,171	1,156	1,175	1,179	1,182
Transportation equipment .....	1,109	1,086	1,098	1,089	1,112	1,075	1,064	1,014	990	1,015	1,030	1,055	1,047
Instruments and related products .....	415	411	412	407	406	402	399	392	387	383	383	380	380
Miscellaneous manufacturing ind. ....	290	284	283	281	282	277	276	273	269	267	269	269	271
<b>NONDURABLE GOODS</b> .....	5,494	5,466	5,455	5,409	5,372	5,375	5,375	5,356	5,329	5,319	5,333	5,325	5,339
Food and kindred products .....	1,138	1,125	1,133	1,121	1,129	1,115	1,116	1,128	1,128	1,124	1,125	1,119	1,121
Tobacco manufactures .....	53	52	52	52	51	51	49	48	46	52	53	51	50
Textile mill products .....	651	662	650	633	634	630	631	631	622	620	618	620	620
Apparel and other textile products .....	1,006	987	985	982	949	967	966	963	956	954	968	963	955
Paper and allied products .....	499	496	493	489	489	487	492	484	485	484	484	484	484
Printing and publishing .....	701	698	699	696	694	695	695	694	693	693	692	692	695
Chemicals and allied products .....	609	602	600	595	591	593	592	588	588	586	584	582	587
Petroleum and coal products .....	124	123	123	122	122	122	126	125	124	123	124	125	125
Rubber and misc. plastics products .....	534	541	543	542	541	540	535	525	517	517	517	522	532
Leather and leather products .....	179	180	177	177	172	175	173	170	170	166	168	167	170
<b>SERVICE-PRODUCING</b> .....	43,059	43,001	43,108	43,073	43,106	42,974	42,995	42,892	42,893	42,821	43,005	42,973	43,073
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,217	4,209	4,212	4,194	4,165	4,142	4,155	4,129	4,113	4,109	4,080	4,071	4,064
<b>WHOLESALE AND RETAIL TRADE</b> ..	18,051	17,996	18,065	18,014	18,037	17,941	17,889	17,841	17,803	17,722	17,884	17,848	17,873
<b>WHOLESALE TRADE</b> .....	4,317	4,301	4,309	4,287	4,282	4,260	4,253	4,237	4,209	4,192	4,181	4,171	4,181
<b>RETAIL TRADE</b> .....	13,734	13,695	13,756	13,727	13,755	13,681	13,636	13,604	13,594	13,530	13,703	13,677	13,692
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,004	3,999	3,998	4,012	4,013	4,006	4,014	4,001	4,005	4,008	4,010	4,025	4,026
<b>SERVICES</b> .....	16,787	16,797	16,833	16,853	16,891	16,885	16,937	16,921	16,972	16,982	17,031	17,029	17,110

<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	1981.....	56.7	48.7	51.1	68.3	65.3	54.0	59.9	50.3	50.3	34.7	28.2	31.2
	1982.....	32.5	42.5	35.8	40.9	51.1	32.0	43.5	37.6	43.0	26.1	34.9	39.0
	1983.....	54.8	41.4p	58.6p									
Over 3-month span	1981.....	53.5	52.2	60.2	70.2	70.4	65.9	59.4	57.0	40.1	30.6	26.3	23.4
	1982.....	28.0	31.2	33.6	37.1	35.8	35.8	27.7	31.7	27.7	28.0	23.9	38.2
	1983.....	41.4p	51.3p										
Over 6-month span	1981.....	64.8	65.9	67.2	67.7	67.2	67.5	51.3	39.0	33.9	30.1	27.7	24.2
	1982.....	21.8	27.4	27.4	29.8	28.8	30.1	24.2	21.0	24.7	28.2	29.3p	33.3p
	1983.....												
Over 12-month span	1981.....	73.9	71.0	70.4	62.1	50.0	43.3	35.2	33.6	31.5	27.2	27.7	25.8
	1982.....	23.1	23.1	21.2	18.8	18.0	21.0	24.7	22.8p	27.2p			
	1983.....												

<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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
1 ALABAMA <sup>1</sup>	1,316.1	1,301.6	1,302.4	17.6	15.4	14.8	52.7	57.5	57.8	349.2	324.6	324.8
2 Birmingham	340.0	330.2	330.2	8.9	8.0	7.8	16.3	15.6	15.7	57.9	48.5	48.8
3 Huntsville	122.5	125.8	125.8	(2)	(2)	(2)	3.2	3.2	3.3	37.2	38.1	38.2
4 Mobile	148.8	146.2	145.2	(2)	(2)	(2)	8.3	9.5	9.5	30.9	26.4	25.8
5 Montgomery	103.4	102.8	103.2	(2)	(2)	(2)	4.9	5.1	5.2	15.5	14.4	14.5
6 Tuscaloosa	50.2	49.1	48.5	2.7	2.1	1.6	1.6	2.0	2.0	7.8	7.4	7.4
7 ALASKA	177.9	191.7	192.9	8.7	9.4	9.4	10.5	12.6	12.5	7.8	6.7	7.6
8 ARIZONA <sup>1</sup>	1,027.6	1,027.2	1,037.2	21.4	15.7	15.3	62.9	66.0	66.0	157.1	148.0	148.0
9 Phoenix	660.4	655.5	661.8	.4	.6	.6	43.6	45.1	45.1	113.9	106.8	106.8
10 Tucson	185.5	191.2	192.4	5.4	3.7	3.3	10.9	12.3	12.2	25.5	25.2	25.4
11 ARKANSAS <sup>1</sup>	713.5	709.2	712.5	6.0	5.4	5.4	26.8	28.2	27.9	197.4	190.8	190.9
12 Fayetteville—Springdale	64.5	64.0	64.9	(2)	(2)	(2)	1.9	2.1	2.0	19.3	17.8	17.7
13 Fort Smith	66.2	63.8	63.5	1.3	1.1	1.1	2.9	2.2	2.1	20.5	19.5	19.6
14 Little Rock—North Little Rock	174.8	175.1	175.4	(2)	(2)	(2)	7.5	7.9	7.9	28.1	25.0	25.0
15 Pine Bluff	25.6	28.6	28.6	(2)	(2)	(2)	1.1	.9	.9	6.0	5.6	5.4
16 CALIFORNIA <sup>1</sup>	9,635.9	9,680.3	9,688.5	51.4	48.2	47.8	371.4	336.8	330.8	1,949.4	1,851.2	1,856.3
17 Anaheim—Santa Ana—Garden Grove	853.6	834.6	834.3	3.7	3.3	3.3	40.3	33.8	33.0	218.5	208.1	207.9
18 Bakersfield	125.0	137.7	137.3	14.7	14.4	14.3	7.0	6.4	6.3	10.1	9.5	9.5
19 Fresno	175.1	171.4	171.9	1.1	1.0	1.0	8.0	7.9	7.5	20.5	19.8	19.6
20 Los Angeles—Long Beach	3,575.7	3,534.3	3,544.6	15.0	14.3	14.3	108.3	92.6	91.1	879.6	839.4	843.2
21 Modesto	82.0	82.8	82.5	.1	.1	.1	3.7	3.4	3.4	16.7	16.6	17.0
22 Oxnard—Simi Valley—Ventura	155.2	161.8	161.8	3.0	3.0	3.0	5.9	4.9	5.0	26.0	25.9	25.9
23 Riverside—San Bernardino—Ontario	434.9	432.9	432.3	2.0	1.0	1.0	18.8	19.2	18.7	61.3	56.7	56.9
24 Sacramento	402.8	404.1	404.2	.7	.8	.8	14.1	15.1	14.5	25.3	25.3	25.5
25 Salinas—Seaside—Monterey	87.1	87.7	87.5	.4	.4	.4	3.1	2.9	2.9	7.9	8.2	8.1
26 San Diego	663.9	655.0	654.8	.6	.5	.5	29.5	24.4	23.2	109.5	104.6	103.1
27 San Francisco—Oakland	1,561.0	1,547.8	1,543.6	4.3	4.4	4.4	70.8	67.2	65.4	194.5	185.4	185.5
28 San Jose	664.7	687.8	686.6	.1	.1	.1	20.8	20.9	20.3	249.4	253.0	253.3
29 Santa Barbara—Santa Maria—Lompoc	123.3	123.7	124.1	1.7	1.5	1.4	4.7	4.4	4.3	17.3	17.7	18.1
30 Santa Rosa	53.7	94.3	94.3	.5	.5	.5	4.3	4.3	4.1	15.0	14.8	14.8
31 Stockton	115.8	115.4	115.5	.1	.1	.1	4.5	4.4	4.2	19.8	18.4	18.5
32 Vallejo—Fairfield—Napa	100.4	100.2	99.5	.5	.5	.5	4.1	4.0	3.6	10.6	9.6	9.7
33 COLORADO <sup>1</sup>	1,305.6	1,301.6	1,303.6	45.3	39.8	39.2	74.8	73.8	73.9	186.4	177.6	176.7
34 Denver—Boulder	836.1	837.0	838.7	28.8	28.4	28.1	44.4	44.3	44.7	129.4	122.5	122.4
35 CONNECTICUT <sup>1</sup>	1,412.4	1,404.8	1,402.8	(3)	(3)	(3)	42.9	43.5	41.7	428.6	402.7	401.9
36 Bridgeport	166.3	161.7	162.2	(3)	(3)	(3)	4.0	4.4	4.2	62.9	58.3	58.2
37 Hartford	395.6	394.1	392.8	(3)	(3)	(3)	10.0	9.6	9.1	94.8	89.4	88.4
38 New Britain	61.0	58.8	58.8	(3)	(3)	(3)	1.6	1.7	1.6	27.3	24.7	24.6
39 New Haven—West Haven	185.0	182.8	182.5	(3)	(3)	(3)	5.6	5.4	5.3	41.3	38.6	38.4
40 Stamford	112.1	114.1	113.3	(3)	(3)	(3)	4.9	4.8	4.7	32.4	32.2	31.9
41 Waterbury	83.8	82.1	81.5	(3)	(3)	(3)	2.2	2.4	2.3	30.6	27.7	27.7
42 DELAWARE <sup>1</sup>	245.7	253.0	252.3	(2)	(2)	(2)	12.8	14.4	13.7	66.4	67.5	66.9
43 Wilmington	226.7	225.8	225.2	(2)	(2)	(2)	16.2	17.2	16.7	60.8	60.1	59.7
44 DISTRICT OF COLUMBIA <sup>1</sup>	591.7	585.0	587.4	(2)	(2)	(2)	10.8	9.8	9.8	13.4	13.3	13.3
45 Washington SMSA	1,566.0	1,579.0	1,578.0	(2)	(2)	(2)	63.7	64.9	63.0	57.8	60.7	60.9
46 FLORIDA <sup>1</sup>	3,788.5	3,817.6	3,859.3	10.4	9.7	9.4	262.8	237.4	237.2	470.6	463.2	464.1
47 Daytona Beach	84.3	82.1	83.7	-	-	-	5.1	4.0	3.9	8.9	9.4	9.5
48 Fort Lauderdale—Hollywood	365.8	361.6	363.8	(2)	(2)	(2)	26.9	24.6	24.5	41.9	38.9	38.7
49 Fort Myers—Cape Coral	75.9	76.8	77.4	(2)	(2)	(2)	8.6	9.1	9.4	4.2	4.0	4.1
50 Gainesville	65.7	68.0	69.0	(2)	(2)	(2)	3.5	3.2	3.5	4.3	4.0	4.0
51 Jacksonville	304.2	308.8	310.6	(2)	(2)	(2)	18.2	18.7	19.0	33.2	32.1	32.0
52 Lakeland—Winter Haven	125.7	120.5	120.6	5.6	4.5	4.4	9.1	6.5	6.6	23.4	21.7	21.7
53 Melbourne—Titusville—Cocoa	108.7	109.3	110.2	(2)	(2)	(2)	6.0	5.5	5.5	24.0	23.8	24.1
54 Miami	746.1	734.0	734.5	(2)	(2)	(2)	39.4	33.0	32.9	96.4	94.7	95.1
55 Orlando	313.9	329.8	332.5	(2)	(2)	(2)	22.9	24.6	25.1	41.2	39.5	39.5
56 Pensacola	100.2	102.8	103.1	(2)	(2)	(2)	7.0	7.7	8.0	12.5	12.4	12.4
57 Sarasota	76.0	75.6	76.4	(2)	(2)	(2)	7.3	6.2	6.1	6.0	5.5	5.6
58 Tallahassee	77.4	74.6	75.1	(2)	(2)	(2)	3.3	3.4	3.4	3.1	3.2	3.1
59 Tampa—St. Petersburg	592.6	596.8	600.3	(2)	(2)	(2)	41.1	39.7	39.8	80.1	78.5	78.6
60 West Palm Beach—Boca Raton	231.0	230.3	230.9	(2)	(2)	(2)	20.2	16.5	16.2	28.9	29.1	28.9

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	
71.4	69.9	69.8	263.3	267.4	265.8	58.3	58.6	58.5	212.5	217.9	218.8	291.1	290.3	292.1	1
29.4	29.1	29.2	79.4	78.3	77.5	23.1	23.4	23.4	70.3	72.4	72.7	54.7	54.9	55.1	2
2.7	2.7	2.7	21.6	22.4	22.2	3.5	3.5	3.5	19.4	20.4	20.5	35.9	35.5	35.4	3
10.6	10.0	9.9	35.6	36.4	36.2	7.1	6.9	6.8	30.8	31.1	31.0	25.5	25.9	26.0	4
4.3	4.4	4.3	23.0	23.3	23.2	6.0	6.1	6.2	20.4	20.6	20.7	29.3	28.9	29.1	5
1.8	1.7	1.7	10.0	9.9	10.0	1.6	1.6	1.6	6.7	6.4	6.3	18.0	18.0	18.3	6
16.9	18.1	18.1	32.7	37.6	37.5	9.0	9.4	9.6	32.9	34.9	35.0	59.4	63.0	63.2	7
56.5	55.9	55.7	253.8	258.0	257.7	61.3	61.8	61.8	219.4	222.7	223.7	205.2	195.1	209.0	8
35.3	35.1	34.9	170.1	173.0	172.6	48.0	47.9	48.0	145.9	148.3	149.3	103.2	98.7	104.5	9
9.0	8.9	8.9	42.5	43.3	43.0	8.3	8.8	8.8	42.8	43.8	43.9	45.1	45.2	46.9	10
41.9	41.2	41.5	153.5	155.0	154.5	31.7	31.6	31.7	116.6	116.7	118.7	139.6	140.3	142.3	11
3.8	4.1	4.1	15.7	15.9	16.0	2.2	2.2	2.3	9.4	9.5	9.6	12.2	12.4	13.2	12
3.5	3.5	3.5	14.0	14.0	13.8	2.5	2.5	2.5	12.0	11.9	12.0	9.5	9.1	9.3	13
12.9	13.1	13.1	40.4	42.3	42.1	12.9	13.2	13.2	35.7	36.9	37.1	37.3	36.7	37.0	14
3.8	3.2	3.3	5.6	5.6	5.5	1.2	1.3	1.3	5.3	5.6	5.6	6.6	6.4	6.6	15
540.8	535.5	529.2	2,252.4	2,246.2	2,235.1	644.0	644.7	644.3	2,257.2	2,286.0	2,296.2	1,769.3	1,731.7	1,749.2	16
30.1	28.6	28.5	207.5	207.6	204.9	61.3	59.3	59.4	186.3	189.6	192.3	105.9	104.3	105.0	17
8.0	7.7	7.6	35.0	35.6	35.2	5.3	5.4	5.4	25.2	25.5	25.4	33.7	33.2	33.6	18
10.3	10.3	10.2	45.4	45.1	44.5	11.1	11.3	11.3	37.1	36.7	36.6	41.6	39.3	41.2	19
195.9	196.9	193.8	803.9	809.0	806.8	236.5	235.9	237.0	863.7	873.5	881.0	476.8	472.7	477.4	20
3.8	4.1	4.1	21.3	21.6	21.2	3.4	3.4	3.4	17.3	17.2	17.2	16.7	16.4	16.1	21
6.5	6.6	6.4	37.8	35.8	39.5	9.2	10.4	10.4	32.6	33.0	33.3	38.2	38.2	38.3	22
25.8	24.7	24.8	107.0	109.8	109.0	19.2	18.8	18.8	96.8	99.0	99.2	104.0	103.7	103.9	23
21.9	21.5	21.4	93.0	95.4	94.5	22.3	22.6	22.5	79.5	80.2	80.3	146.0	143.2	144.7	24
4.5	4.6	4.6	22.3	23.1	23.1	4.2	4.2	4.2	20.2	20.6	20.5	24.5	23.7	23.7	25
29.8	28.8	28.9	153.1	153.0	153.9	41.6	41.8	41.8	157.0	160.9	161.8	142.8	141.0	141.6	26
128.5	122.9	122.0	352.4	356.6	351.0	153.1	152.5	152.7	368.8	376.0	377.3	288.6	282.8	284.7	27
22.2	21.9	21.3	124.5	126.5	125.5	28.2	28.4	28.5	157.2	157.4	157.8	82.3	79.6	79.8	28
5.3	5.3	5.3	29.4	29.6	29.5	5.9	6.3	6.3	33.9	34.6	34.6	25.1	24.3	24.6	29
4.7	4.5	4.5	23.0	23.4	23.1	6.0	6.1	6.1	19.9	21.0	21.0	20.3	19.7	20.2	30
7.3	7.5	7.6	25.8	27.1	26.9	5.9	6.2	6.2	24.7	24.3	24.5	27.7	27.4	27.5	31
4.3	4.3	4.2	21.5	22.1	22.1	3.5	3.5	3.5	20.4	20.6	20.6	35.5	35.6	35.7	32
85.4	84.1	83.6	314.3	322.3	318.9	82.2	84.5	84.2	274.5	282.0	282.4	242.7	237.5	244.6	33
60.6	60.9	60.5	198.3	202.0	199.5	58.7	60.7	60.5	181.9	185.3	185.3	136.0	132.9	137.7	34
61.3	60.6	60.3	294.3	301.9	299.8	111.0	114.1	114.0	291.1	300.5	300.2	183.2	181.5	184.9	35
6.3	6.5	6.5	34.0	33.2	33.7	7.7	7.7	7.6	34.8	35.5	35.6	16.6	16.0	16.4	36
13.6	13.6	13.6	80.8	83.1	82.2	64.3	65.7	65.7	79.1	80.4	80.7	53.0	52.3	53.1	37
3.4	3.6	3.6	9.8	9.9	9.8	1.8	1.9	1.8	10.5	10.9	10.9	6.6	6.1	6.5	38
15.5	15.7	15.5	39.8	39.7	39.6	10.9	11.0	10.9	48.5	48.7	49.3	23.4	23.7	23.9	39
4.4	4.5	4.5	25.6	26.2	26.0	8.6	9.3	9.3	26.1	26.8	26.6	10.1	10.3	10.3	40
3.2	3.4	3.3	15.3	15.9	15.7	3.7	3.8	3.8	17.9	17.9	18.0	10.9	11.0	11.1	41
11.7	11.1	11.1	53.2	54.6	53.9	13.0	13.3	13.3	48.4	49.0	49.4	44.0	42.9	44.1	42
11.4	11.0	11.0	46.4	46.7	46.1	12.2	12.3	12.2	44.5	44.2	44.5	35.3	34.3	35.1	43
26.0	25.4	25.4	59.3	58.2	58.2	32.8	32.9	32.8	191.3	189.1	191.8	258.1	256.3	256.1	44
72.4	73.4	73.0	296.0	300.8	296.0	89.3	90.5	90.1	459.1	465.4	469.1	527.7	523.3	525.9	45
229.4	231.9	233.9	1,001.3	1,021.1	1,035.4	278.6	281.4	285.4	898.6	932.8	948.6	637.2	630.1	641.3	46
3.3	3.3	3.3	23.3	23.1	23.6	5.0	5.2	5.3	23.5	21.9	22.5	15.2	15.2	15.6	47
18.2	18.1	18.2	111.1	108.0	109.4	32.7	31.4	32.2	90.9	92.5	92.9	48.1	48.1	47.9	48
4.2	4.2	4.2	22.4	22.6	22.6	6.8	6.9	6.9	17.6	17.4	17.6	12.1	12.6	12.6	49
1.6	1.6	1.6	14.3	14.1	14.1	3.0	3.0	3.0	14.2	14.3	14.4	28.8	27.8	28.4	50
24.4	24.7	24.8	79.3	81.0	81.2	28.2	27.9	28.0	68.4	71.2	71.8	52.5	53.2	53.8	51
5.3	5.0	5.0	30.4	30.3	30.0	9.1	10.0	10.0	25.6	25.5	25.8	17.2	17.0	17.1	52
4.9	4.9	4.9	23.7	24.9	25.4	4.1	4.1	4.1	27.2	27.5	27.5	18.8	18.6	18.7	53
73.1	72.1	71.6	197.8	195.2	194.5	59.6	57.9	58.1	185.0	184.0	185.0	94.8	97.1	96.9	54
15.5	15.4	15.5	85.6	83.0	82.9	21.0	20.7	20.6	84.2	90.2	91.6	43.5	46.4	47.3	55
5.1	5.2	5.2	23.8	24.4	23.9	4.3	4.4	4.4	21.7	22.8	22.9	25.8	25.9	26.2	56
3.2	3.5	3.5	24.0	23.2	23.6	6.5	6.6	6.7	19.5	20.4	20.9	10.1	10.1	10.0	57
2.5	2.6	2.5	16.2	15.4	15.1	3.5	3.6	3.7	14.0	14.5	14.6	34.8	31.9	32.7	58
33.3	33.6	33.8	163.4	162.8	162.2	42.7	43.8	44.1	147.2	151.7	153.5	84.8	86.7	87.3	59
9.9	10.3	10.3	61.4	61.4	62.1	19.5	19.8	19.8	60.3	61.1	61.3	31.4	32.1	32.3	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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
1 GEORGIA <sup>1</sup> .....	2,170.6	2,195.8	2,197.7	7.5	7.2	7.2	97.7	97.0	93.5	505.2	491.7	493.3
2 Albany .....	44.2	42.8	42.6	(2)	(2)	(2)	1.9	1.8	1.7	11.7	11.5	11.6
3 Athens .....	52.9	53.3	53.2	-	-	-	1.4	1.5	1.5	14.6	13.8	13.8
4 Atlanta .....	545.9	1,013.0	1,012.2	(2)	(2)	(2)	41.2	45.9	43.1	143.2	138.0	139.0
5 Augusta .....	122.2	122.3	123.2	(2)	(2)	(2)	5.3	5.3	5.4	35.0	33.1	33.8
6 Columbus .....	75.3	78.2	77.8	(2)	(2)	(2)	3.7	3.3	3.3	20.0	19.5	19.6
7 Macon .....	55.2	98.5	98.3	(2)	(2)	(2)	4.3	3.1	3.0	16.0	16.2	16.0
8 Savannah .....	88.9	88.0	87.8	(2)	(2)	(2)	5.6	5.0	4.9	16.5	15.9	15.9
9 HAWAII <sup>1</sup> .....	401.4	396.2	395.4	-	-	-	18.9	17.3	17.2	21.9	21.5	21.6
10 Honolulu .....	327.3	323.2	326.1	-	-	-	15.1	13.8	13.8	15.6	15.3	15.5
11 IDAHO <sup>1</sup> .....	305.3	303.8	306.3	3.9	3.5	3.6	11.3	12.2	12.1	46.3	46.7	47.5
12 Boise City .....	76.2	74.1	74.9	(2)	(2)	(2)	5.1	4.4	4.9	8.6	8.5	8.4
13 ILLINOIS .....	4,614.3	4,447.8	4,448.5	28.2	26.1	25.8	136.5	131.2	127.1	1,064.3	940.3	940.3
14 Bloomington—Normal .....	49.7	48.6	49.3	(3)	(3)	(3)	1.2	1.0	1.0	6.3	5.8	5.9
15 Champaign—Urbana—Rantoul .....	76.0	71.5	74.3	(3)	(3)	(3)	1.2	1.2	1.3	7.7	7.2	7.3
16 Chicago—Gary .....	(*)	3,285.1	3,278.3	(*)	3.9	3.9	(*)	92.1	89.9	(*)	741.9	738.7
17 Chicago SMSA <sup>2</sup> .....	3,155.2	3,067.1	3,059.4	3.8	3.8	3.8	84.7	81.9	79.5	730.7	671.5	668.6
18 Davenport—Rock Island—Moline .....	156.7	143.6	147.0	(3)	(3)	(3)	6.4	6.3	6.2	47.4	34.0	27.6
19 Decatur .....	54.6	49.1	49.0	(3)	(3)	(3)	1.8	1.9	1.8	19.7	14.3	14.4
20 Kankakee .....	32.6	29.9	29.8	(3)	(3)	(3)	1.4	1.2	1.1	8.2	6.4	6.4
21 Peoria .....	142.8	120.3	119.5	(3)	(3)	(3)	5.4	5.3	4.9	45.1	24.4	23.9
22 Rockford .....	105.1	100.6	103.2	(3)	(3)	(3)	3.1	3.0	2.8	42.7	36.1	39.2
23 Springfield .....	85.1	83.3	83.3	(3)	(3)	(3)	3.2	2.8	2.7	6.3	4.9	5.0
24 INDIANA <sup>1</sup> .....	2,010.0	1,941.6	1,942.0	9.9	8.8	8.6	63.7	67.5	64.2	602.8	543.5	547.1
25 Anderson .....	41.8	41.0	41.5	(2)	(2)	(2)	.8	.8	.8	16.5	15.8	16.2
26 Elkhart .....	66.2	66.8	68.0	(2)	(2)	(2)	1.4	1.4	1.3	33.3	33.9	35.0
27 Evansville .....	121.2	120.4	119.7	2.9	2.7	2.7	5.0	5.3	5.1	34.1	32.6	32.5
28 Fort Wayne .....	(*)	154.4	154.0	(2)	(2)	(2)	(*)	4.4	4.3	(*)	44.4	44.8
29 Gary—Hammond—East Chicago <sup>3</sup> .....	231.7	218.0	218.9	(2)	(2)	(2)	10.7	10.2	10.4	83.0	70.4	70.1
30 Indianapolis .....	515.0	(*)	(*)	(2)	(*)	(*)	18.2	(*)	(*)	117.0	(*)	(*)
31 Lafayette—West Lafayette .....	57.0	55.6	55.5	(2)	(2)	(2)	1.8	1.4	1.4	11.1	9.9	10.0
32 Muncie .....	45.5	43.9	44.1	(2)	(2)	(2)	1.1	1.0	.9	10.5	9.6	9.7
33 South Bend .....	105.6	102.6	102.7	(2)	(2)	(2)	3.2	3.0	2.9	29.0	27.0	26.9
34 Terre Haute .....	60.1	56.7	56.9	1.4	1.2	1.1	2.6	2.5	2.4	13.9	12.0	12.2
35 IOWA <sup>1</sup> .....	1,024.8	994.2	997.2	1.2	1.3	1.4	25.4	26.7	25.2	220.4	190.8	193.9
36 Cedar Rapids .....	77.8	72.9	72.7	(2)	(2)	(2)	2.0	1.8	1.8	24.9	21.2	21.2
37 Des Moines .....	170.6	166.6	165.9	(2)	(2)	(2)	4.9	4.1	3.8	21.5	19.4	19.5
38 Dubuque .....	39.5	33.7	35.5	(2)	(2)	(2)	.9	.9	.8	12.9	7.6	9.6
39 Sioux City .....	47.1	46.2	45.8	(2)	(2)	(2)	1.6	1.4	1.4	9.0	9.0	8.9
40 Waterloo—Cedar Falls .....	60.8	56.0	55.6	(2)	(2)	(2)	1.4	1.2	1.1	20.7	17.4	17.2
41 KANSAS <sup>1</sup> .....	526.6	890.5	892.0	20.4	17.4	17.1	33.0	32.4	30.1	179.5	150.4	152.7
42 Lawrence .....	27.9	26.8	27.3	(3)	(3)	(3)	.6	.6	.6	4.5	4.2	4.2
43 Topeka .....	83.6	82.2	82.8	(3)	(3)	(3)	2.5	2.9	2.8	9.8	8.5	8.7
44 Wichita .....	200.4	182.7	184.5	3.8	3.6	3.5	7.4	7.1	6.5	60.9	45.0	47.8
45 KENTUCKY <sup>1</sup> .....	1,151.0	1,150.0	1,141.8	55.8	51.0	51.0	41.0	45.3	43.5	254.6	240.0	239.2
46 Lexington—Fayette .....	140.4	140.5	140.8	(2)	(2)	(2)	5.3	5.3	4.8	27.5	26.1	25.8
47 Louisville .....	365.3	356.4	355.5	(2)	(2)	(2)	13.3	13.2	12.8	54.6	51.6	51.1
48 Owensboro .....	25.8	30.0	29.2	1.0	1.0	.9	1.4	1.4	1.3	6.3	5.8	5.6
49 LOUISIANA <sup>1</sup> .....	1,622.6	1,585.5	1,588.0	103.9	94.7	94.2	125.6	116.6	116.8	213.6	195.1	193.0
50 Alexandria .....	52.6	53.6	53.5	(2)	(2)	(2)	3.1	3.1	3.1	5.5	5.2	5.2
51 Baton Rouge .....	206.7	205.5	207.8	1.6	1.5	1.5	23.9	22.0	21.8	26.6	25.0	24.9
52 Lafayette .....	57.6	98.5	98.3	21.3	19.7	19.8	6.1	5.8	5.9	5.1	5.5	5.3
53 Lake Charles .....	66.4	60.8	60.5	2.8	2.4	2.4	7.5	4.7	4.7	12.1	10.2	10.3
54 Monroe .....	50.4	50.3	51.7	.7	.5	.5	3.0	3.5	3.4	7.5	7.3	7.3
55 New Orleans .....	517.5	511.0	509.0	21.2	21.0	20.9	30.6	31.0	30.8	49.1	46.2	45.0
56 Shreveport .....	150.2	144.5	144.1	8.1	7.7	7.4	7.8	7.3	7.2	27.3	23.2	23.2
57 MAINE <sup>1</sup> .....	358.9	397.4	396.9	(2)	(2)	(2)	12.5	14.9	13.4	107.3	104.7	104.0
58 Lewiston—Auburn .....	33.0	32.5	32.5	(2)	(2)	(2)	1.0	1.0	1.0	11.0	10.4	10.4
59 Portland .....	51.7	54.4	54.8	(2)	(2)	(2)	3.4	3.7	3.5	17.0	16.7	16.5
60 MARYLAND <sup>1</sup> .....	1,644.3	1,628.0	1,622.4	(2)	(2)	(2)	79.8	80.8	77.5	218.6	202.1	201.7
61 Baltimore SMSA .....	921.9	910.4	902.7	(2)	(2)	(2)	38.5	38.0	36.5	146.2	135.3	133.6
62 Baltimore City .....	432.7	424.3	421.2	(2)	(2)	(2)	13.9	12.6	12.1	59.2	54.3	54.2

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	
144.6	144.0	144.4	504.0	519.0	517.7	114.4	117.6	117.5	362.2	376.7	380.2	435.0	442.5	443.8	1
2.3	2.2	2.2	9.3	9.2	9.2	2.0	2.2	2.2	6.2	5.9	5.8	10.8	10.0	9.9	2
1.5	1.5	1.5	10.0	10.4	10.4	1.6	1.7	1.7	6.6	7.2	7.1	17.1	17.1	17.1	3
90.8	91.5	91.6	270.2	286.2	284.7	69.0	70.2	70.3	209.0	216.3	218.2	162.6	165.0	165.4	4
4.4	4.3	4.3	23.0	24.4	24.3	4.4	4.4	4.5	18.9	19.4	19.5	31.4	31.4	31.4	5
3.2	3.2	3.2	16.4	16.7	16.3	5.3	5.3	5.3	11.2	11.1	11.0	19.4	19.1	19.2	6
4.7	4.7	4.7	20.2	20.9	20.9	6.1	6.1	6.1	17.9	17.9	18.0	30.0	29.6	29.6	7
8.9	8.6	8.6	21.1	21.3	21.3	4.0	4.2	4.2	16.4	16.7	16.6	16.4	16.2	16.4	8
31.3	31.1	30.7	105.0	105.4	104.9	32.0	31.2	31.6	102.3	100.0	101.4	90.0	89.7	92.0	9
26.0	25.7	25.4	86.6	87.0	86.4	27.6	26.9	27.2	79.9	78.5	79.6	76.5	76.0	78.2	10
18.9	18.4	18.1	75.9	76.5	75.7	22.5	22.7	22.6	58.6	58.1	58.5	67.9	65.7	68.2	11
5.2	4.9	4.9	19.0	19.5	15.8	7.6	7.5	7.5	14.9	14.4	14.4	15.8	14.9	15.0	12
274.8	260.0	260.3	1,068.9	1,060.9	1,047.8	313.5	313.5	313.0	556.0	552.8	556.1	772.1	763.3	778.5	13
3.1	3.0	3.0	11.7	11.7	11.7	7.9	7.8	7.8	8.4	8.2	8.3	11.1	11.1	11.6	14
2.5	2.5	2.5	18.5	18.3	18.4	2.4	2.4	2.4	11.5	11.0	11.0	32.2	28.9	31.4	15
(*)	194.4	195.6	(*)	150.3	150.5	(*)	248.2	247.1	(*)	734.2	737.6	(*)	480.1	485.0	16
192.6	181.3	182.6	749.0	743.2	733.5	241.7	239.4	238.4	704.8	695.9	698.4	451.9	450.0	454.6	17
6.8	6.2	6.3	39.7	39.3	35.2	7.2	7.1	7.1	24.9	24.6	24.5	26.3	26.1	26.1	18
5.2	5.1	5.1	11.5	11.4	11.4	2.6	2.6	2.6	8.6	8.6	8.5	5.2	5.0	5.2	19
1.4	1.4	1.4	6.8	6.6	6.6	1.1	1.1	1.1	6.5	6.0	6.0	7.2	7.2	7.2	20
7.9	7.7	7.7	33.9	33.7	33.3	7.0	7.0	7.0	25.8	24.9	25.0	17.7	17.3	17.7	21
4.4	4.2	4.2	23.9	23.4	22.9	4.3	4.0	4.1	18.2	18.1	18.1	12.5	11.8	12.0	22
4.7	4.5	4.5	18.1	18.5	18.4	6.7	6.5	6.5	17.7	17.8	17.7	28.4	28.3	28.5	23
103.0	99.1	98.7	443.3	437.0	431.0	101.4	103.1	102.7	348.5	352.7	356.1	337.5	329.9	333.5	24
1.2	1.1	1.1	8.8	8.8	9.0	1.5	1.5	1.5	7.8	7.8	7.9	5.2	5.0	5.0	25
2.5	2.3	2.3	12.9	13.0	13.0	2.0	2.0	2.0	9.0	9.1	9.2	5.1	5.1	5.2	26
7.0	6.8	6.7	29.6	30.5	30.1	4.4	4.5	4.4	25.8	26.0	26.0	12.4	12.0	12.2	27
(*)	10.2	10.2	(*)	28.8	31.5	(*)	10.2	10.2	(*)	28.7	28.7	(*)	17.7	17.9	28
14.0	13.1	13.0	46.3	47.0	47.0	8.9	8.8	8.7	38.5	38.4	39.3	30.3	30.1	30.4	29
29.9	(*)	(*)	129.1	(*)	(*)	38.0	(*)	(*)	97.1	(*)	(*)	86.3	(*)	(*)	30
.7	1.7	1.6	11.0	11.2	11.0	2.5	2.5	2.5	9.2	9.1	9.2	20.3	19.7	20.2	31
1.9	1.9	1.9	11.0	10.6	10.5	1.5	1.5	1.5	8.2	8.6	8.5	11.1	10.7	11.1	32
4.8	4.6	4.6	25.5	25.3	25.3	5.1	5.1	5.1	25.5	25.2	25.3	12.7	12.4	12.6	33
3.5	3.1	3.2	14.8	14.0	14.0	2.0	1.9	1.9	9.9	10.0	10.0	12.0	12.0	12.1	34
52.6	50.6	50.5	258.7	259.1	255.7	58.1	54.3	54.2	209.7	210.8	210.3	204.7	200.5	206.6	35
4.0	3.8	3.7	18.1	17.4	17.2	4.2	4.2	4.2	15.6	15.6	15.6	9.1	8.9	9.1	36
10.9	11.0	11.0	43.5	42.4	41.3	21.6	21.6	21.5	40.8	40.7	40.8	27.5	27.4	28.0	37
1.6	1.6	1.6	8.5	8.2	8.2	1.3	1.3	1.3	10.4	10.4	10.4	3.9	3.7	3.7	38
3.7	3.5	3.5	11.9	11.5	11.4	2.7	2.7	2.7	11.8	11.8	11.8	6.4	6.2	6.2	39
2.2	2.1	2.1	12.9	12.7	12.4	2.1	2.1	2.1	10.8	10.5	10.5	10.7	10.0	10.2	40
60.8	62.5	62.7	223.3	222.8	220.8	48.1	48.4	48.2	171.7	170.8	169.8	189.8	185.8	190.6	41
1.4	1.4	1.4	5.4	5.5	5.5	.8	.9	.9	4.0	3.9	3.9	11.2	10.3	10.8	42
7.8	8.0	8.1	18.0	18.1	18.0	5.9	5.8	5.8	17.7	17.6	17.7	21.7	21.3	21.7	43
10.0	10.2	10.2	44.7	43.5	43.2	9.5	9.9	9.9	39.8	38.5	38.6	24.3	24.9	25.1	44
65.7	61.5	61.7	248.7	240.5	254.7	50.3	51.5	51.5	210.5	214.3	214.4	224.4	225.9	225.8	45
7.3	7.1	7.3	31.1	31.4	30.9	6.9	7.1	7.2	29.8	31.6	32.1	32.5	31.9	32.7	46
23.0	21.9	21.9	84.1	83.9	82.6	23.0	23.2	23.3	75.5	76.9	77.4	55.8	55.7	56.5	47
2.3	2.4	2.3	7.1	7.5	7.0	1.1	1.1	1.2	5.9	6.0	6.1	4.7	4.8	4.8	48
131.0	124.5	124.7	362.7	365.6	363.6	78.3	79.5	79.5	298.9	303.6	305.5	308.6	305.9	310.7	49
2.4	2.4	2.4	11.4	12.2	12.2	2.9	3.0	3.0	11.5	11.6	11.6	15.8	16.0	16.0	50
10.3	10.2	10.2	45.4	46.2	46.3	11.8	12.2	12.2	36.8	37.3	37.8	50.3	51.1	53.1	51
7.4	8.0	7.8	24.4	24.9	24.8	3.2	3.5	3.5	18.9	19.7	19.8	11.2	11.4	11.4	52
4.7	4.3	4.5	14.9	14.9	14.7	2.9	3.0	3.0	11.0	10.7	10.8	10.5	10.6	10.5	53
2.7	2.7	2.7	12.9	13.5	13.6	3.7	3.9	3.9	9.5	9.7	9.8	10.4	9.2	10.5	54
53.1	48.8	48.3	129.0	127.5	126.7	30.7	31.2	31.3	120.0	125.2	125.7	83.8	80.1	80.3	55
9.6	8.7	8.8	34.8	34.1	33.6	7.0	7.8	7.8	25.3	30.0	30.0	26.3	25.7	26.1	56
18.2	17.0	17.1	83.0	83.6	82.1	17.0	17.9	17.9	76.8	77.7	77.8	84.1	81.6	84.6	57
1.2	1.2	1.3	7.8	7.8	7.7	1.6	1.6	1.6	7.4	7.3	7.3	3.0	3.2	3.2	58
5.7	5.8	5.8	24.1	25.1	24.9	7.7	8.5	8.6	20.3	21.3	21.4	13.5	13.3	14.1	59
86.5	83.7	82.5	391.8	396.2	392.3	92.8	94.5	94.1	376.3	383.1	384.3	398.5	387.6	390.0	60
59.2	55.7	54.2	213.3	215.7	213.2	57.6	57.4	57.4	200.3	204.2	204.5	206.8	204.1	203.3	61
37.7	34.6	35.0	91.7	90.5	89.7	38.5	38.7	38.8	110.2	112.3	112.4	81.5	81.3	79.0	62

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-6. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>1 MASSACHUSETTS<sup>1</sup></b> .....	2,555.2	2,552.4	2,567.9	(2)	(2)	(2)	67.2	68.9	63.6	651.5	607.0	604.2
2 Boston.....	1,447.4	1,449.9	1,451.9	(2)	(2)	(2)	36.1	38.2	36.5	286.4	278.2	277.5
3 Brockton.....	56.7	55.1	55.7	(2)	(2)	(2)	1.3	1.2	1.2	12.4	11.0	10.9
4 Fall River.....	51.6	49.8	49.6	(2)	(2)	(2)	1.0	1.2	1.2	19.0	18.1	17.8
5 Lawrence—Haverhill.....	114.1	109.5	109.5	(2)	(2)	(2)	2.4	2.5	2.5	45.3	40.8	40.4
6 Lowell.....	80.4	79.5	80.6	(2)	(2)	(2)	2.2	2.1	2.0	31.2	31.0	31.1
7 New Bedford.....	62.3	62.9	62.3	(2)	(2)	(2)	1.1	1.1	1.1	24.4	24.7	23.9
8 Springfield—Chicopee—Holyoke.....	227.9	220.1	223.0	(2)	(2)	(2)	4.7	4.7	4.5	59.7	55.4	54.8
9 Worcester.....	166.9	154.0	155.1	(2)	(2)	(2)	4.4	4.3	4.1	45.7	41.0	40.3
<b>10 MICHIGAN<sup>1</sup></b> .....	3,196.7	3,110.3	3,125.2	12.1	10.1	9.6	60.5	61.4	77.0	895.3	833.1	846.9
11 Ann Arbor.....	133.6	125.8	127.6	(2)	(2)	(2)	1.8	1.4	1.3	33.2	27.2	27.5
12 Battle Creek.....	59.9	59.0	58.8	(2)	(2)	(2)	1.1	1.4	1.5	18.8	17.5	17.2
13 Bay City.....	32.0	31.3	30.7	(2)	(2)	(2)	.7	.6	.6	8.5	8.3	8.2
14 Benton Harbor.....	55.5	53.3	53.2	(2)	(2)	(2)	1.7	1.5	1.5	19.4	18.5	18.5
15 Detroit.....	1,555.2	1,515.0	1,522.3	1.0	.9	.8	36.3	36.7	34.8	428.2	402.3	410.5
16 Flint.....	172.6	170.0	171.5	(2)	(2)	(2)	3.1	3.0	2.9	63.7	60.8	63.1
17 Grand Rapids.....	254.9	257.0	257.5	(2)	(2)	(2)	8.2	8.0	7.7	84.9	84.6	84.2
18 Jackson.....	48.2	45.2	44.9	(2)	(2)	(2)	1.0	.8	.7	12.9	11.0	10.9
19 Kalamazoo—Portage.....	105.8	102.7	103.1	(2)	(2)	(2)	2.8	2.4	2.3	31.2	30.1	30.4
20 Lansing—East Lansing.....	187.9	185.0	186.6	(2)	(2)	(2)	3.3	2.5	2.5	38.9	37.7	37.6
21 Muskegon—Norton Shore—Muskegon Hts.....	56.3	53.8	54.1	(2)	(2)	(2)	1.6	1.7	1.6	19.1	17.1	17.6
22 Saginaw.....	76.1	75.9	76.0	(2)	(2)	(2)	1.6	1.6	1.6	24.3	23.2	23.2
<b>23 MINNESOTA<sup>1</sup></b> .....	1,654.5	1,648.8	1,651.5	13.0	7.9	7.6	48.9	45.5	43.5	350.0	329.4	330.2
24 Duluth—Superior.....	55.1	51.5	51.1	(2)	(2)	(2)	1.1	1.1	.9	6.9	4.9	4.9
25 Minneapolis—St. Paul.....	1,065.9	1,037.3	1,040.9	(2)	(2)	(2)	31.4	29.1	27.9	239.9	225.7	227.2
26 Rochester.....	49.6	50.7	50.6	(3)	(3)	(3)	1.2	1.1	1.1	10.1	9.7	9.7
27 St. Cloud.....	54.3	54.3	54.5	(2)	(2)	(2)	2.5	2.4	2.4	10.0	10.0	9.8
<b>28 MISSISSIPPI<sup>1</sup></b> .....	752.7	779.7	775.5	13.6	11.5	11.2	39.1	38.7	38.5	205.9	195.6	195.2
29 Jackson.....	143.2	143.8	143.2	2.3	2.0	1.9	5.2	5.6	5.3	17.0	15.7	15.6
<b>30 MISSOURI<sup>1</sup></b> .....	1,865.7	1,867.5	1,869.5	6.6	6.7	6.5	60.7	63.4	61.7	411.2	395.7	394.9
31 Kansas City.....	601.5	581.5	579.6	.5	.5	.4	17.0	17.1	15.8	111.7	104.7	105.4
32 St. Joseph.....	36.3	36.1	36.0	(3)	(3)	(3)	1.2	1.1	1.0	8.6	8.8	8.8
33 St. Louis.....	567.8	956.2	954.2	3.2	3.0	2.9	34.4	38.4	37.4	221.0	208.9	208.1
34 Springfield.....	66.1	65.6	66.9	(3)	(3)	(3)	2.5	2.7	2.7	18.4	16.6	17.0
<b>35 MONTANA<sup>1</sup></b> .....	264.3	267.8	265.0	10.4	8.6	8.1	9.5	9.7	8.7	19.0	20.0	19.7
<b>36 NEBRASKA<sup>1</sup></b> .....	601.0	579.4	577.2	1.7	1.5	1.5	18.2	16.9	16.3	91.4	79.9	78.7
37 Lincoln.....	55.8	91.4	92.3	(3)	(3)	(3)	2.4	2.2	2.1	12.6	11.2	11.3
38 Omaha.....	256.2	249.9	249.3	(3)	(3)	(3)	7.3	7.0	6.7	33.3	30.8	30.5
<b>39 NEVADA<sup>1</sup></b> .....	401.0	399.1	400.2	7.2	5.9	5.5	19.5	19.1	18.8	19.4	17.9	18.1
40 Las Vegas.....	225.8	227.1	227.5	.5	.4	.4	11.9	11.9	11.7	6.5	6.5	6.6
41 Reno.....	111.7	110.6	110.6	.6	.6	.6	4.6	4.5	4.3	8.1	7.4	7.4
<b>42 NEW HAMPSHIRE<sup>1</sup></b> .....	365.4	383.5	382.4	(3)	(3)	(3)	19.7	20.6	20.0	113.7	109.5	109.5
43 Manchester.....	72.3	75.1	74.6	(3)	(3)	(3)	2.5	2.7	2.6	16.5	16.2	16.1
44 Nashua.....	66.6	68.1	68.0	(3)	(3)	(3)	2.1	2.7	2.6	31.7	31.5	31.6
<b>45 NEW JERSEY<sup>1</sup></b> .....	3,020.7	3,016.2	3,012.6	1.9	2.0	2.0	90.9	93.3	91.2	740.1	699.0	699.9
46 Atlantic City.....	56.0	99.5	98.9	-	-	-	3.4	4.3	4.0	7.5	7.1	7.2
47 Camden.....	335.8	342.0	340.4	.1	.1	.1	10.0	11.5	11.0	71.0	67.5	67.2
48 Hackensack.....	393.5	397.9	395.6	(2)	(2)	(2)	11.6	12.2	11.6	105.1	100.7	99.9
49 Jersey City.....	215.7	208.7	208.4	-	-	-	3.7	3.6	3.3	60.9	55.8	56.2
50 Long Branch—Asbury Park.....	162.3	163.8	163.8	(2)	(2)	(2)	5.1	6.3	6.3	24.8	22.7	23.2
51 New Bruns.—Perth Amboy—Sayreville.....	286.6	286.9	287.8	(2)	(2)	(2)	7.8	9.3	8.7	85.2	77.1	78.5
52 Newark.....	525.2	923.8	922.1	.6	.7	.6	26.5	28.4	27.5	235.8	223.0	223.3
53 Paterson—Clifton—Passaic.....	184.6	186.3	186.3	(2)	(2)	(2)	5.6	6.7	6.7	63.2	61.7	62.1
54 Trenton.....	161.6	160.6	160.5	(2)	(2)	(2)	2.7	2.7	2.6	32.7	29.7	29.8
55 Vineland—Millville—Bridgeton.....	51.0	50.5	50.4	(2)	(2)	(2)	1.3	1.3	1.3	16.5	15.1	15.1
<b>56 NEW MEXICO<sup>1</sup></b> .....	465.2	468.7	470.1	30.3	23.1	22.5	30.7	29.9	30.2	33.6	33.6	33.4
57 Albuquerque.....	165.5	188.8	189.5	(2)	(2)	(2)	10.7	10.8	10.6	17.4	17.9	17.8
58 Las Cruces.....	31.2	31.9	32.0	-	-	-	1.6	1.6	1.8	2.8	2.9	2.8
<b>59 NEW YORK<sup>1</sup></b> .....	7,157.7	7,088.5	7,100.4	5.8	5.9	5.9	185.5	191.9	184.8	1,379.6	1,297.1	1,303.4
60 Albany—Schenectady—Troy.....	323.5	327.7	329.7	(2)	(2)	(2)	8.2	8.7	8.1	53.2	50.7	50.6
61 Binghamton.....	116.9	115.3	115.0	(2)	(2)	(2)	3.2	3.1	3.0	44.2	42.0	41.6
62 Buffalo.....	471.9	454.4	454.6	(2)	(2)	(2)	12.2	12.5	11.8	118.3	102.8	103.5

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	
118.0	116.0	116.4	552.5	556.4	551.1	164.1	167.0	166.7	670.0	672.1	691.9	371.9	365.0	374.0	1
70.3	69.4	69.2	310.0	316.2	311.5	114.3	116.1	116.1	442.1	447.7	454.7	186.2	184.1	186.0	2
3.5	3.5	3.6	14.8	15.4	15.3	2.2	2.2	2.2	10.8	10.6	10.8	11.7	11.2	11.7	3
1.7	1.6	1.6	10.9	10.7	10.7	2.8	2.6	2.6	9.1	8.6	8.7	7.1	7.0	7.0	4
4.7	4.7	4.7	21.8	21.8	21.5	4.2	4.3	4.2	18.9	19.3	19.7	16.8	16.1	16.5	5
3.4	3.3	3.2	16.1	16.3	16.3	2.1	2.2	2.2	13.0	12.9	13.5	12.4	11.7	12.3	6
2.1	2.1	2.1	12.1	11.9	11.7	2.1	2.1	2.1	10.2	10.5	10.6	10.3	10.5	10.8	7
9.1	8.6	8.5	46.8	46.4	46.2	13.0	13.4	13.4	47.7	47.1	48.2	46.9	44.5	47.4	8
7.3	6.8	6.9	33.7	32.6	32.5	9.9	9.8	9.7	37.0	37.0	38.8	22.9	22.5	22.8	9
143.0	135.8	135.6	672.0	675.7	662.7	151.4	149.3	149.5	643.8	646.4	651.8	598.6	578.6	592.1	10
3.2	3.1	3.1	19.7	20.3	15.8	3.9	4.0	4.0	25.1	25.3	25.3	46.6	44.6	46.6	11
2.2	2.2	2.2	9.9	9.5	5.8	4.1	4.1	4.1	11.8	12.0	11.9	12.0	12.0	12.2	12
1.6	1.5	1.5	8.2	8.4	6.4	1.3	1.3	1.2	6.7	6.5	6.2	4.9	4.6	4.7	13
2.0	1.9	1.9	10.4	10.2	10.0	1.9	1.9	1.9	11.7	11.7	11.7	8.3	7.5	7.8	14
75.8	71.3	71.3	344.0	341.4	334.1	87.5	86.1	86.5	349.5	349.6	352.3	236.9	226.8	231.9	15
5.8	6.0	6.1	38.4	37.4	36.4	6.3	6.3	6.3	28.3	29.0	29.0	27.2	27.5	27.8	16
11.2	11.2	11.2	62.6	63.2	62.8	10.9	10.8	10.8	51.0	50.1	51.2	30.1	29.1	29.6	17
5.0	5.0	5.0	9.9	9.5	5.3	1.6	1.5	1.5	9.5	9.5	9.4	8.3	7.9	8.0	18
4.0	3.8	3.8	21.1	21.2	21.0	4.0	3.9	3.9	22.0	21.4	21.3	20.7	19.8	20.3	19
5.3	5.2	5.2	34.2	35.8	35.4	9.5	9.5	9.5	29.2	30.0	30.8	67.5	64.3	65.6	20
2.9	2.9	2.9	10.5	10.6	10.5	1.5	1.5	1.5	10.7	10.7	10.8	9.9	9.3	9.3	21
4.7	4.4	4.4	16.6	16.5	16.6	3.9	3.8	3.7	13.7	14.3	14.4	11.2	11.8	11.9	22
95.1	91.8	92.1	419.4	414.5	411.2	97.4	97.2	97.1	373.7	375.4	377.7	301.0	286.7	292.5	23
5.0	4.6	4.5	14.4	13.5	13.7	2.1	2.0	2.0	13.7	13.4	13.4	11.8	11.7	11.7	24
61.5	58.6	58.9	258.7	255.5	253.5	72.8	72.6	72.5	243.5	246.1	247.8	158.1	149.3	152.8	25
2.0	1.8	1.8	9.7	10.0	5.8	1.5	1.5	1.5	19.7	21.1	21.1	5.5	5.6	5.6	26
3.5	3.4	3.4	14.7	15.4	15.3	1.9	2.0	2.0	9.9	10.2	10.3	11.8	11.0	11.3	27
39.2	39.0	38.4	157.4	160.1	158.6	32.5	32.8	32.8	120.8	122.6	123.3	184.2	179.5	182.0	28
10.0	10.0	10.0	33.9	34.3	34.0	11.2	11.2	11.2	29.5	30.6	30.6	34.0	34.5	34.7	29
132.1	126.0	126.1	445.8	447.5	444.0	107.1	106.8	106.5	391.8	399.5	401.2	330.4	321.5	328.6	30
50.4	47.3	47.1	155.4	152.1	149.8	43.5	43.1	42.9	131.4	127.7	127.6	91.8	89.0	90.6	31
2.1	2.0	2.0	8.7	9.0	8.5	2.0	2.1	2.0	7.4	7.1	7.2	6.3	6.0	6.1	32
69.7	67.8	68.1	223.5	226.8	222.1	57.9	57.8	57.7	219.2	221.2	221.4	138.9	132.3	136.5	33
6.8	6.5	6.9	22.7	23.2	23.2	3.7	3.7	3.7	19.9	21.0	21.1	12.1	11.5	12.3	34
21.8	20.0	19.8	68.7	72.3	70.6	12.7	12.3	12.5	54.6	54.8	55.1	67.5	70.0	70.4	35
44.8	41.7	41.1	154.6	152.7	151.0	41.0	41.2	41.1	120.3	119.5	120.2	129.0	126.0	127.3	36
6.6	6.5	6.5	20.8	20.4	20.1	7.1	7.1	7.0	17.8	17.8	17.9	28.5	26.2	27.5	37
23.2	22.0	21.7	66.0	65.3	64.8	23.5	23.8	23.8	61.2	61.3	61.5	41.7	39.7	40.4	38
24.9	24.2	24.1	79.4	80.0	75.8	18.1	17.9	17.9	173.2	176.8	177.0	59.3	57.3	58.6	39
13.7	13.6	13.7	45.7	45.8	45.7	10.3	10.2	10.3	108.8	111.7	111.5	28.0	27.0	27.6	40
8.3	7.9	7.8	24.0	24.6	24.2	6.2	6.0	6.0	42.8	43.2	43.3	17.1	16.4	17.0	41
14.4	14.5	14.5	83.4	84.5	84.2	20.7	20.9	20.8	76.8	76.8	76.9	56.7	56.3	56.5	42
4.8	5.0	5.0	19.1	20.1	19.7	6.2	6.3	6.3	15.9	16.1	16.1	8.5	8.7	8.8	43
2.2	2.1	2.1	12.6	13.5	13.5	2.0	2.0	2.0	10.5	10.7	10.7	5.5	5.6	5.5	44
194.0	196.2	196.3	669.9	663.5	676.3	163.6	166.1	165.5	635.6	653.2	654.1	524.7	522.9	527.3	45
4.4	4.6	4.7	17.0	17.9	17.4	4.9	4.7	4.6	42.1	44.7	44.6	16.7	16.2	16.4	46
15.3	15.5	15.4	87.9	88.7	87.8	17.2	17.2	17.2	71.0	73.0	73.0	67.4	68.5	68.7	47
21.2	21.2	21.1	117.1	122.7	121.1	18.3	19.3	19.2	76.9	79.2	78.7	43.4	42.6	44.0	48
24.9	24.4	24.5	43.8	43.4	43.3	7.9	8.2	8.1	33.4	32.5	32.6	41.0	40.4	40.4	49
6.4	6.3	6.3	39.0	40.6	40.1	8.1	8.0	8.0	42.1	44.5	44.9	36.8	35.4	35.0	50
23.5	24.3	24.2	68.4	70.7	70.4	12.8	13.9	13.8	43.3	46.5	46.9	47.6	45.1	45.3	51
74.6	74.3	74.7	175.3	181.1	179.5	66.4	67.6	67.2	201.5	207.0	206.4	144.4	141.7	142.9	52
7.0	6.9	6.9	39.8	41.6	41.1	9.6	9.5	9.5	34.3	34.7	34.8	25.1	25.2	25.2	53
5.4	5.3	5.3	24.5	25.4	25.0	7.8	7.8	7.8	42.3	42.0	42.2	46.2	47.7	47.8	54
2.7	2.7	2.7	8.7	9.3	9.1	2.6	2.7	2.7	8.7	8.7	8.6	10.5	10.7	10.9	55
29.7	25.3	29.3	104.3	110.2	109.0	21.5	22.0	21.9	92.2	93.9	94.6	126.9	126.7	129.2	56
11.8	11.6	11.7	46.5	47.6	47.2	10.7	11.0	11.0	46.1	47.4	47.8	42.3	42.5	43.4	57
1.3	1.2	1.2	5.8	5.5	5.5	1.3	1.2	1.2	4.2	4.2	4.2	14.2	14.9	14.9	58
420.4	413.1	411.1	1,422.8	1,425.4	1,418.5	660.2	670.3	670.6	1,790.0	1,803.2	1,819.4	1,293.4	1,277.6	1,286.2	59
15.2	14.4	14.2	66.2	65.3	65.5	18.1	16.2	16.2	74.2	75.3	76.1	100.9	97.1	99.0	60
4.5	4.5	4.5	20.4	20.5	20.2	3.9	3.9	3.9	19.5	19.9	20.0	21.3	21.4	21.8	61
25.2	24.3	23.6	105.1	106.6	105.2	22.2	22.4	22.4	105.5	103.3	104.9	83.9	82.5	83.3	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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>NEW YORK—Continued</b>												
1 Elmira .....	35.1	33.1	32.6	(2)	(2)	(2)	.7	.7	.7	10.1	7.9	7.8
2 Monroe County <sup>9</sup> .....	342.5	337.5	336.1	(2)	(2)	(2)	7.8	7.1	6.5	137.9	131.9	129.7
3 Nassau—Suffolk <sup>10</sup> .....	514.1	926.1	924.1	(2)	(2)	(2)	30.8	32.5	31.7	167.9	166.5	166.3
4 New York—Northeastern New Jersey .....	6,656.7	6,691.0	6,684.9	2.2	2.3	2.2	181.8	191.6	186.2	1,270.8	1,204.0	1,214.2
5 New York and Nassau—Suffolk <sup>11</sup> .....	4,685.2	4,687.4	4,684.6	1.9	1.9	1.9	126.4	131.4	128.4	720.5	685.7	694.3
6 New York SMSA <sup>12</sup> .....	3,771.1	3,761.3	3,760.6	1.7	1.7	1.7	95.6	98.9	96.7	552.7	519.2	528.0
7 New York City <sup>11</sup> .....	3,326.0	3,316.8	3,318.1	1.5	1.4	1.4	79.1	81.0	79.5	462.5	433.4	442.6
8 Poughkeepsie .....	101.6	101.6	102.0	(2)	(2)	(2)	2.6	2.5	2.3	34.0	34.6	34.6
9 Rochester .....	416.6	410.4	409.4	(2)	(2)	(2)	9.2	8.7	8.4	156.9	149.2	147.1
10 Rockland County <sup>11</sup> .....	81.2	83.1	82.6	(2)	(2)	(2)	2.1	2.4	2.3	15.6	15.9	15.7
11 Syracuse .....	256.0	252.3	254.6	(2)	(2)	(2)	9.8	10.9	10.5	57.0	53.5	53.8
12 Utica—Rome .....	111.4	108.4	109.4	(2)	(2)	(2)	1.9	1.7	1.6	28.8	26.3	26.5
13 Westchester County <sup>11</sup> .....	251.5	349.0	347.5	(2)	(2)	(2)	13.7	14.9	14.3	73.2	68.6	68.3
<b>NORTH CAROLINA<sup>1</sup></b>	<b>2,325.0</b>	<b>2,309.7</b>	<b>2,310.6</b>	<b>4.7</b>	<b>4.5</b>	<b>4.5</b>	<b>101.9</b>	<b>96.0</b>	<b>93.7</b>	<b>792.7</b>	<b>765.2</b>	<b>762.6</b>
15 Asheville .....	65.5	68.9	69.1	(2)	(2)	(2)	2.6	2.4	2.3	20.7	19.9	20.0
16 Charlotte—Gastonia .....	335.5	329.9	330.6	(2)	(2)	(2)	16.4	15.5	15.5	91.1	89.5	89.7
17 Greensboro—Winston-Salem—High Pt. .....	283.6	378.1	377.5	(2)	(2)	(2)	16.0	15.2	14.8	146.1	141.8	141.3
18 Raleigh—Durham .....	277.9	275.7	278.6	(2)	(2)	(2)	13.2	13.1	12.7	45.9	44.9	44.9
<b>NORTH DAKOTA<sup>1</sup></b>	<b>242.5</b>	<b>245.9</b>	<b>246.5</b>	<b>11.2</b>	<b>7.4</b>	<b>7.3</b>	<b>10.2</b>	<b>13.9</b>	<b>13.8</b>	<b>15.3</b>	<b>14.2</b>	<b>14.4</b>
19 Fargo—Moorhead .....	60.7	60.6	61.1	(3)	(3)	(3)	1.9	1.8	1.8	4.7	3.9	4.3
<b>OHIO<sup>1</sup></b>	<b>4,115.0</b>	<b>4,012.3</b>	<b>4,015.8</b>	<b>30.9</b>	<b>28.6</b>	<b>28.2</b>	<b>116.3</b>	<b>112.8</b>	<b>108.8</b>	<b>1,133.7</b>	<b>1,051.7</b>	<b>1,056.9</b>
21 Akron .....	250.6	243.4	245.4	(*)	(*)	(*)	5.7	5.8	5.5	71.0	66.2	66.8
22 Canton .....	148.8	144.5	144.5	(*)	(*)	(*)	3.6	3.7	3.5	50.1	45.0	45.1
23 Cincinnati .....	566.2	561.1	559.4	(*)	(*)	(*)	18.1	16.6	16.1	146.5	143.8	142.8
24 Cleveland .....	854.9	815.6	817.9	(*)	(*)	(*)	22.7	21.8	21.4	236.9	210.3	211.1
25 Columbus .....	453.1	491.5	492.1	(*)	(*)	(*)	13.0	12.5	12.2	88.4	84.7	85.8
26 Dayton .....	337.6	330.3	330.7	(*)	(*)	(*)	8.9	7.8	7.5	90.8	84.0	84.7
27 Toledo .....	278.7	277.4	275.2	(*)	(*)	(*)	9.8	9.4	9.0	69.7	66.4	65.2
28 Youngstown—Warren .....	180.9	175.6	176.3	(*)	(*)	(*)	4.8	4.3	4.1	54.0	50.0	50.9
<b>OKLAHOMA<sup>1</sup></b>	<b>1,227.0</b>	<b>1,198.0</b>	<b>1,186.8</b>	<b>116.3</b>	<b>91.2</b>	<b>86.6</b>	<b>51.6</b>	<b>51.1</b>	<b>47.6</b>	<b>193.5</b>	<b>168.7</b>	<b>168.0</b>
31 Enid .....	28.8	27.8	27.6	4.2	3.3	3.2	1.5	1.8	1.8	2.9	2.2	2.2
32 Lawton .....	30.7	30.7	30.6	(2)	(2)	(2)	1.2	1.4	1.4	3.1	3.1	3.1
33 Oklahoma City .....	428.5	446.3	445.5	33.8	35.0	34.8	17.4	17.9	17.7	51.3	51.0	50.8
34 Tulsa .....	322.9	315.7	315.1	28.7	29.0	28.9	13.9	14.8	14.4	68.8	57.4	57.4
<b>OREGON<sup>1</sup></b>	<b>953.8</b>	<b>931.8</b>	<b>933.7</b>	<b>1.8</b>	<b>1.0</b>	<b>1.1</b>	<b>27.1</b>	<b>25.2</b>	<b>23.4</b>	<b>181.6</b>	<b>175.2</b>	<b>176.6</b>
35 Eugene—Springfield .....	51.1	87.9	88.0	(2)	(2)	(2)	2.6	2.3	2.1	16.3	16.0	16.4
36 Medford .....	-	-	-	-	-	-	-	-	-	5.7	6.0	6.2
37 Portland .....	523.4	510.2	507.2	(2)	(2)	(2)	16.6	15.4	14.8	100.2	93.5	92.6
38 Salem .....	75.5	77.5	77.8	(2)	(2)	(2)	2.5	2.3	2.3	10.3	9.6	9.7
<b>PENNSYLVANIA<sup>1</sup></b>	<b>4,568.1</b>	<b>4,381.9</b>	<b>4,371.6</b>	<b>47.2</b>	<b>38.0</b>	<b>36.2</b>	<b>144.6</b>	<b>142.7</b>	<b>137.3</b>	<b>1,219.6</b>	<b>1,081.4</b>	<b>1,077.4</b>
39 Allentown—Bethlehem—Easton .....	253.0	240.6	240.3	(2)	(2)	(2)	6.6	6.4	6.2	98.0	85.5	85.9
40 Altoona .....	46.7	44.6	43.8	(2)	(2)	(2)	1.4	1.4	1.4	11.9	10.6	10.6
41 Delaware Valley <sup>12</sup> .....	1,548.1	1,524.1	1,522.1	(2)	(2)	(2)	50.5	50.0	48.5	341.9	316.3	315.6
42 Erie .....	108.2	101.6	102.7	(2)	(2)	(2)	2.2	2.5	2.4	39.8	33.8	34.4
43 Harrisburg .....	217.2	212.6	212.7	(2)	(2)	(2)	6.3	6.2	5.7	40.0	37.8	37.5
44 Johnstown .....	78.5	72.7	70.2	7.8	5.8	4.7	1.7	1.9	1.8	15.1	12.8	11.8
45 Lancaster .....	148.4	144.8	144.6	(2)	(2)	(2)	5.1	5.2	5.1	56.7	53.1	52.8
46 Northeast Pennsylvania .....	221.9	224.7	226.1	1.0	.7	.7	9.4	9.8	9.7	66.2	60.7	61.3
47 Philadelphia SMSA .....	1,668.3	1,665.8	1,662.1	(2)	(2)	(2)	60.5	61.5	59.4	413.0	383.7	382.6
48 Philadelphia City <sup>13</sup> .....	756.1	741.7	739.2	(2)	(2)	(2)	16.4	16.4	16.1	119.8	111.6	111.3
49 Pittsburgh .....	855.5	840.4	831.5	9.7	7.6	7.6	36.4	34.6	32.0	212.1	172.2	166.4
50 Reading .....	133.7	131.4	131.6	(2)	(2)	(2)	3.7	3.4	3.5	50.4	48.1	48.2
51 Sharon .....	42.9	38.8	38.7	(2)	(2)	(2)	1.0	.9	.8	14.0	10.5	10.6
52 State College .....	45.8	45.4	45.2	-	-	-	1.0	1.0	.8	7.8	7.1	6.9
53 Williamsport .....	44.3	43.3	42.8	(2)	(2)	(2)	.9	1.1	1.0	15.9	14.4	14.0
54 York .....	151.6	144.3	143.8	(2)	(2)	(2)	5.1	5.4	5.1	62.6	55.6	55.8
<b>RHODE ISLAND<sup>1</sup></b>	<b>385.5</b>	<b>383.4</b>	<b>383.9</b>	<b>(2)</b>	<b>(2)</b>	<b>(2)</b>	<b>9.2</b>	<b>11.4</b>	<b>11.3</b>	<b>117.8</b>	<b>114.0</b>	<b>113.9</b>
55 Providence—Warwick—Pawtucket .....	392.1	387.0	387.8	(2)	(2)	(2)	9.2	11.6	11.3	131.0	125.3	125.1
<b>SOUTH CAROLINA<sup>1</sup></b>	<b>1,161.6</b>	<b>1,142.2</b>	<b>1,146.8</b>	<b>1.7</b>	<b>1.7</b>	<b>1.7</b>	<b>62.8</b>	<b>62.9</b>	<b>63.3</b>	<b>373.3</b>	<b>349.1</b>	<b>349.3</b>
56 Charleston—North Charleston .....	150.7	149.8	150.3	-	-	-	11.2	10.8	10.6	20.1	19.1	19.1
57 Columbia .....	180.1	179.7	180.2	-	-	-	8.4	8.9	8.8	26.1	25.0	25.1
58 Greenville—Spartanburg .....	261.5	253.8	254.4	-	-	-	16.0	13.4	13.2	99.1	93.4	93.6

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	
1.4	1.4	1.3	8.3	8.2	8.1	1.1	1.1	1.1	7.5	7.7	7.6	6.1	6.1	6.2	1
10.5	10.4	10.3	59.8	62.3	61.5	14.3	14.6	14.6	72.6	73.1	74.1	39.6	38.0	39.0	2
40.8	42.7	42.7	234.4	240.8	238.4	53.0	52.5	52.4	215.9	222.6	223.3	171.3	168.6	169.2	3
464.5	463.0	462.7	1,385.4	1,355.4	1,387.4	670.5	682.7	682.4	1,658.5	1,694.4	1,695.4	1,063.0	1,052.6	1,054.4	4
313.4	311.9	311.3	937.0	939.9	932.0	555.5	564.2	564.6	1,269.0	1,293.8	1,295.6	761.4	758.7	756.6	5
272.6	265.2	268.6	702.6	655.1	653.6	502.5	511.7	512.2	1,053.3	1,071.4	1,072.5	590.1	590.1	587.5	6
248.9	245.5	245.2	599.2	555.4	550.5	479.6	488.8	489.3	942.5	958.6	959.8	512.8	512.7	509.9	7
2.9	3.0	2.9	16.1	16.6	16.5	2.9	3.0	3.0	19.3	18.9	19.2	23.8	23.1	23.4	8
13.0	12.9	12.8	75.7	79.1	78.0	15.9	16.1	16.1	84.9	85.7	86.7	61.0	58.7	60.3	9
3.4	3.5	3.5	17.5	17.8	17.5	2.7	2.7	2.8	18.7	19.6	19.5	21.0	21.2	21.4	10
14.2	14.5	14.4	55.2	55.8	55.4	16.5	16.7	16.7	55.5	53.6	56.1	47.7	47.2	47.7	11
3.9	3.9	3.9	21.6	22.2	21.8	5.5	5.5	5.5	21.1	21.1	21.4	28.6	27.8	28.7	12
19.6	15.6	19.3	82.9	62.9	82.6	19.7	19.7	19.6	89.2	90.3	90.3	53.1	52.9	53.3	13
115.4	113.2	113.4	468.4	470.2	466.5	96.8	97.7	98.0	350.5	358.1	361.1	407.2	404.7	410.4	14
3.5	3.4	3.4	14.9	15.2	15.1	2.4	2.2	2.3	13.7	14.1	14.3	11.7	11.7	11.7	15
31.9	31.6	31.6	82.8	60.8	80.5	22.3	22.1	22.1	54.9	55.1	55.6	36.1	35.3	35.6	16
20.3	15.8	20.0	77.6	77.9	77.1	18.2	17.9	18.0	58.1	57.4	58.0	47.3	48.1	48.3	17
13.6	14.2	14.2	53.1	52.5	52.5	15.4	14.9	14.9	62.1	63.0	64.0	74.6	73.1	75.4	18
16.9	16.4	16.4	64.3	65.6	65.0	11.7	11.8	11.8	52.8	54.5	55.0	61.1	62.1	62.8	19
3.9	3.8	3.7	17.7	17.7	17.6	3.7	3.8	3.8	15.1	15.8	15.9	13.7	13.8	14.0	20
206.8	195.5	194.6	911.7	913.6	900.1	204.1	205.8	205.3	838.1	847.0	853.3	673.5	657.3	668.6	21
13.4	12.5	12.6	56.3	57.4	56.8	9.3	9.3	9.2	50.9	50.8	51.0	43.2	40.8	42.8	22
6.5	6.0	6.0	32.7	33.3	32.9	6.3	6.4	6.4	29.6	30.5	30.7	18.6	18.2	18.5	23
32.4	31.0	31.0	135.0	136.1	134.3	31.8	32.1	32.1	121.8	122.1	122.7	84.9	79.0	79.9	24
42.8	41.0	40.6	192.7	150.8	188.3	48.0	47.7	47.6	188.9	189.6	191.3	117.5	113.1	116.4	25
23.3	21.8	21.8	117.1	119.2	117.1	40.4	42.0	42.2	106.8	109.4	110.1	103.4	101.2	102.2	26
13.0	12.1	12.1	70.7	70.5	65.5	13.6	13.4	13.3	75.7	74.7	75.3	70.4	67.6	68.0	27
17.6	16.5	17.0	63.1	63.3	62.1	10.5	10.8	10.8	61.5	63.8	63.9	46.3	46.4	46.9	28
8.3	7.6	7.6	43.1	42.4	41.6	7.0	7.2	7.2	37.9	39.4	39.5	24.8	23.7	24.4	29
70.7	68.6	68.4	283.1	252.6	287.9	59.7	62.7	62.6	211.6	219.1	220.4	240.5	244.0	245.3	30
2.8	2.8	2.8	7.5	7.6	7.5	1.2	1.2	1.2	4.9	5.0	5.0	3.8	3.9	3.9	31
1.4	1.4	1.4	7.5	7.4	7.3	1.2	1.4	1.4	5.6	5.4	5.4	10.6	10.6	10.6	32
24.5	25.3	25.4	105.8	112.3	110.5	26.3	28.1	28.0	78.5	82.7	83.6	90.9	94.0	94.3	33
22.5	22.9	23.1	72.1	73.0	72.6	16.0	16.4	16.4	66.4	67.9	68.2	34.5	34.3	34.1	34
56.6	55.5	55.7	234.0	232.6	232.4	64.7	63.6	63.3	187.1	182.7	183.4	200.9	156.0	157.8	35
4.7	4.6	4.6	22.6	21.4	21.2	4.5	4.4	4.3	18.1	18.2	18.2	22.3	21.0	21.2	36
35.4	34.7	34.3	134.7	133.9	133.1	43.7	43.1	42.5	110.1	108.2	108.0	82.7	81.4	81.9	37
2.7	2.6	2.6	17.7	17.6	17.3	5.3	5.4	5.4	14.7	14.1	14.4	26.3	25.9	26.1	38
249.1	238.9	237.6	953.6	944.5	930.4	236.2	236.6	235.7	1,022.9	1,029.0	1,039.3	694.9	670.8	677.7	39
13.4	13.2	13.1	50.1	48.9	48.5	9.5	9.3	9.3	47.0	48.5	48.5	28.4	28.8	28.8	40
5.7	5.4	5.0	10.1	10.0	5.8	1.5	1.4	1.4	8.8	8.9	8.8	7.3	6.9	6.8	41
79.0	77.1	76.6	324.4	331.1	327.6	109.1	109.6	109.2	416.4	414.7	422.0	226.8	225.3	222.6	42
4.6	4.4	4.4	21.0	20.3	20.2	4.7	4.8	4.8	22.9	23.4	24.0	13.0	12.4	12.5	43
16.3	15.0	14.8	42.8	44.2	43.5	12.7	12.9	13.1	40.7	41.4	41.5	57.4	55.0	56.2	44
5.0	4.8	4.9	14.7	14.4	14.1	3.8	3.8	3.8	16.3	16.3	16.3	14.1	12.9	12.8	45
6.3	6.2	6.2	33.6	34.0	33.1	5.6	5.5	5.5	26.5	27.2	27.6	14.6	13.6	14.3	46
12.5	12.2	12.4	47.6	48.2	47.6	9.9	10.0	10.0	48.2	48.0	48.4	37.1	35.1	36.0	47
93.9	92.6	92.0	411.7	415.7	415.4	126.3	126.8	126.5	486.7	487.8	494.9	294.2	293.7	291.3	48
49.0	48.0	47.4	137.8	137.1	136.1	65.2	65.0	64.8	228.1	222.3	226.4	139.8	141.3	137.1	49
53.0	48.5	48.4	203.6	198.3	197.4	46.2	46.2	45.9	224.4	225.6	226.7	114.1	107.0	107.1	50
6.2	6.2	6.2	26.6	27.0	26.3	6.2	6.1	6.2	23.8	24.6	24.3	16.8	16.0	16.5	51
3.0	2.5	2.6	8.8	8.9	8.8	1.3	1.3	1.3	9.4	9.4	9.3	5.4	5.3	5.3	52
1.1	1.1	1.1	8.2	8.3	8.3	1.3	1.3	1.3	5.9	6.3	6.2	20.1	20.0	20.3	53
2.1	2.2	2.2	9.0	9.2	9.1	2.1	2.1	2.1	8.1	8.2	8.2	6.2	6.1	6.2	54
7.2	6.5	6.6	31.9	32.3	32.2	3.9	4.1	4.0	22.5	22.9	22.7	18.4	17.5	17.4	55
13.0	13.1	13.1	77.6	76.5	76.3	20.9	21.3	21.3	85.1	89.3	90.4	57.9	57.4	57.6	56
12.9	12.6	12.6	77.8	75.5	75.0	20.2	21.0	21.0	85.8	87.0	88.5	55.2	54.0	54.3	57
53.1	54.8	54.9	221.8	223.5	221.3	47.5	49.3	49.6	166.2	167.6	170.2	235.2	233.3	236.5	58
9.0	9.0	9.1	32.8	33.8	33.8	6.4	6.7	6.7	25.8	26.6	26.6	45.3	43.8	44.4	59
9.7	9.5	9.4	36.7	37.1	37.6	14.1	14.5	14.4	30.2	29.3	29.8	54.6	54.5	54.8	60
5.6	5.1	5.1	52.8	53.4	52.9	10.0	10.2	10.3	38.8	39.5	39.7	34.9	34.5	35.3	61



# 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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
1	<b>SOUTH DAKOTA</b> <sup>1</sup>	224.6	223.2	223.6	2.6	2.7	2.7	6.0	6.2	5.9	25.3	23.8	24.0
2	Sioux Falls	52.9	53.9	53.9	(3)	(3)	(3)	1.6	1.7	1.6	7.5	7.7	7.7
3	<b>TENNESSEE</b> <sup>1</sup>	1,664.0	1,638.9	1,641.8	9.2	8.9	8.8	67.3	61.2	58.8	477.6	454.7	456.2
4	Chattanooga	164.6	163.3	163.5	1.3	1.2	1.2	5.3	6.0	5.8	45.9	42.1	42.0
5	Knoxville	203.0	199.2	199.7	1.6	1.4	1.4	9.2	9.0	9.1	50.5	48.2	48.0
6	Memphis	347.0	341.6	341.1	.1	.1	.1	11.4	10.7	10.8	56.4	51.7	51.7
7	Nashville—Davidson	362.5	357.3	357.6	(2)	(2)	(2)	16.3	16.9	17.1	79.5	74.8	75.6
8	<b>TEXAS</b> <sup>1</sup>	6,302.3	6,162.8	6,158.4	323.7	297.4	295.1	421.5	402.3	398.7	1,109.1	1,031.6	999.9
9	Abilene	60.6	60.4	60.4	5.9	5.0	5.0	3.4	3.4	3.4	6.0	6.7	6.7
10	Amarillo	74.4	78.4	78.1	(2)	(2)	(2)	3.5	3.2	3.0	10.0	10.6	10.5
11	Austin	265.9	268.5	271.2	(2)	(2)	(2)	14.2	14.7	14.4	32.8	33.2	33.1
12	Beaumont—Port Arthur—Orange	151.5	146.4	145.8	(2)	(2)	(2)	12.1	10.6	10.3	37.3	34.1	33.9
13	Corpus Christi	136.8	133.3	133.7	9.8	9.2	9.1	12.7	12.3	12.4	16.3	14.7	14.6
14	Dallas—Fort Worth	1,521.4	1,532.0	1,537.6	31.9	32.7	32.9	79.8	81.2	81.7	325.3	307.2	306.9
15	El Paso	165.7	162.9	164.1	(2)	(2)	(2)	8.2	7.6	7.6	40.6	36.7	37.5
16	Galveston—Texas City	71.0	68.3	68.0	(2)	(2)	(2)	5.1	4.7	4.7	12.0	11.0	10.8
17	Houston	1,630.9	1,555.0	1,548.5	117.7	102.0	102.2	147.9	139.8	137.3	273.4	235.5	233.6
18	Longview—Marshall	72.2	68.1	67.7	(2)	(2)	(2)	4.7	4.5	4.4	19.4	16.6	16.5
19	Lubbock	89.9	88.5	89.0	(2)	(2)	(2)	3.6	4.0	3.7	11.8	11.3	11.4
20	Midland	54.6	52.2	51.9	14.7	13.9	13.5	4.4	4.2	4.2	5.0	4.2	4.3
21	Odessa	64.5	55.6	55.4	9.9	8.3	8.4	6.2	5.2	5.2	9.8	6.8	6.6
22	San Angelo	37.3	36.1	36.0	1.2	.7	.7	2.2	2.1	2.1	6.6	5.6	5.6
23	San Antonio	418.8	419.4	420.3	3.4	3.3	3.3	25.9	27.1	27.1	52.7	48.6	48.2
24	Sherman—Denison	35.6	33.2	33.2	.2	.2	.2	1.7	1.4	1.4	12.3	10.7	10.7
25	Waco	71.8	70.4	70.4	(2)	(2)	(2)	3.4	3.3	3.3	15.8	14.6	14.5
26	Wichita Falls	55.9	52.6	52.5	4.1	3.4	3.3	2.1	2.1	2.1	11.4	8.4	8.5
27	<b>UTAH</b> <sup>1</sup>	554.4	551.7	552.8	20.7	15.4	15.2	22.8	24.0	23.4	87.8	82.0	82.0
28	Salt Lake City—Ogden	391.0	389.2	389.7	8.1	5.8	5.7	15.6	15.9	15.5	61.5	57.1	57.1
29	<b>VERMONT</b> <sup>1</sup>	201.3	199.6	201.2	.6	.5	.5	7.5	7.8	7.8	49.6	47.4	47.5
30	Burlington <sup>14</sup>	55.9	59.0	59.9	-	-	-	-	-	-	15.9	15.6	15.5
31	Springfield <sup>14</sup>	14.1	13.5	13.5	-	-	-	-	-	-	5.5	4.8	4.8
32	<b>VIRGINIA</b> <sup>1</sup>	2,104.3	2,106.5	2,102.7	23.8	20.3	20.1	94.1	94.2	92.4	400.8	390.1	391.1
33	Bristol	26.2	26.6	26.2	(2)	(2)	(2)	.8	.9	.9	9.1	8.5	8.2
34	Lynchburg	69.6	67.5	67.1	(2)	(2)	(2)	2.2	2.3	2.3	27.7	25.9	25.6
35	Newport News—Hampton	145.3	150.3	150.7	(2)	(2)	(2)	5.9	5.5	5.6	34.7	37.6	37.6
36	Norfolk—Virginia Beach—Portsmouth	284.5	287.5	288.4	(2)	(2)	(2)	14.3	16.6	16.5	28.1	24.8	25.2
37	Northern Virginia <sup>15</sup>	462.0	479.7	477.7	.4	.5	.5	21.9	23.9	23.1	21.3	22.5	22.9
38	Petersburg—Colonial Hgts.—Hopewell	43.1	42.9	42.5	(2)	(2)	(2)	1.5	1.9	1.8	9.6	8.1	8.0
39	Richmond	221.3	221.2	215.5	.3	.2	.2	15.6	14.5	14.2	55.7	54.8	54.8
40	Roanoke	100.4	100.9	99.8	.2	.1	.1	4.1	4.5	4.2	20.4	19.6	19.7
41	<b>WASHINGTON</b> <sup>1</sup>	1,554.4	1,545.2	1,548.5	3.0	2.8	2.9	72.7	68.7	69.0	290.7	277.3	276.5
42	Seattle—Everett	755.1	(*)	(*)	(2)	(*)	(*)	32.4	(*)	(*)	164.6	(*)	(*)
43	Spokane	120.3	(*)	(*)	(2)	(*)	(*)	4.3	(*)	(*)	14.9	(*)	(*)
44	Tacoma	138.2	(*)	(*)	(2)	(*)	(*)	5.9	(*)	(*)	21.7	(*)	(*)
45	<b>WEST VIRGINIA</b> <sup>1</sup>	607.6	585.5	582.3	69.3	51.3	52.1	20.2	24.0	21.8	102.5	92.5	92.2
46	Charleston	107.9	105.5	104.2	6.4	4.9	4.8	4.4	4.6	4.2	16.1	15.3	15.1
47	Huntington—Ashland	56.8	93.9	93.0	1.2	1.0	1.0	4.5	4.4	4.0	23.2	19.8	19.7
48	Parkersburg—Marietta	56.5	55.8	55.6	1.6	1.5	1.5	2.6	3.0	2.7	15.8	14.8	14.9
49	Wheeling	61.7	59.5	59.0	5.1	4.2	4.2	1.9	2.1	1.9	10.8	8.6	8.6
50	<b>WISCONSIN</b> <sup>1</sup>	1,659.1	1,798.4	1,800.9	1.4	1.3	1.3	48.0	42.2	39.9	511.8	461.1	461.1
51	Appleton—Oshkosh	121.2	117.6	117.7	(2)	(2)	(2)	3.8	3.6	3.4	44.7	41.7	41.5
52	Eau Claire	48.1	46.2	46.9	(2)	(2)	(2)	1.3	1.0	1.0	8.6	8.2	8.3
53	Green Bay	76.3	77.3	76.1	(2)	(2)	(2)	2.3	2.4	2.1	20.7	20.5	20.0
54	Janesville—Beloit	46.5	47.9	48.0	(2)	(2)	(2)	1.1	.9	.9	15.5	16.8	16.6
55	Kenosha	39.8	40.7	40.6	(2)	(2)	(2)	1.3	1.5	1.4	14.8	16.4	16.3
56	La Crosse	45.2	44.9	45.4	(2)	(2)	(2)	1.1	.8	.8	10.0	9.5	9.6
57	Madison	168.5	165.9	166.0	(2)	(2)	(2)	5.2	3.7	3.5	19.6	18.2	18.2
58	Milwaukee	642.7	610.4	608.2	(2)	(2)	(2)	14.7	12.9	12.2	185.8	159.1	158.9
59	Racine	63.4	57.8	57.4	(2)	(2)	(2)	1.1	1.2	1.1	25.6	20.4	20.2
60	<b>WYOMING</b> <sup>1</sup>	212.8	205.9	204.7	38.2	36.9	36.3	16.2	13.8	14.1	5.3	9.1	8.7
61	<b>PUERTO RICO</b> <sup>6</sup>	653.2	617.7	622.0	.8	.6	.7	27.9	18.6	18.2	146.8	137.9	140.3
62	Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
63	Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	
12.5	12.4	12.4	56.6	58.5	58.6	11.4	11.9	11.8	50.4	51.1	51.2	56.8	56.2	57.0	1
4.6	4.6	4.6	15.0	15.0	14.9	3.7	4.1	4.2	13.8	14.1	14.3	6.7	6.7	6.6	2
83.0	77.2	77.6	363.2	361.5	356.7	79.4	78.8	79.1	299.5	303.6	306.0	304.8	293.3	298.6	3
7.7	7.3	7.3	34.5	35.6	35.5	10.0	10.1	10.5	29.3	29.0	29.4	30.6	31.8	31.8	4
8.1	7.8	7.7	44.1	44.0	44.2	6.7	8.5	8.5	35.0	36.4	36.4	45.8	43.9	44.4	5
26.6	25.4	25.6	94.6	94.7	93.3	19.2	19.6	19.7	75.5	77.6	77.4	63.2	61.8	62.5	6
19.9	17.6	17.6	83.9	85.1	84.3	25.2	25.1	25.0	76.3	77.4	77.5	61.4	60.4	60.7	7
391.6	375.3	375.1	1,537.2	1,524.5	1,514.0	358.1	368.1	367.9	1,136.3	1,157.5	1,161.9	1,024.8	1,036.1	1,045.8	8
3.2	3.2	3.3	16.6	15.8	15.6	2.9	3.1	3.1	13.5	13.7	13.7	9.1	9.5	9.6	9
6.6	6.5	6.5	21.7	24.2	22.5	3.5	4.1	4.1	16.0	16.9	17.0	12.7	12.9	13.1	10
8.1	7.9	7.8	59.1	61.1	61.6	16.4	17.1	17.1	51.9	54.2	54.3	83.4	80.3	82.9	11
12.8	12.6	12.7	34.2	34.0	33.5	5.7	5.8	5.8	29.1	28.8	28.7	20.3	20.5	20.5	12
8.0	7.7	7.7	33.2	32.0	32.0	6.3	6.4	6.4	24.4	24.5	24.3	26.1	26.5	27.2	13
100.0	96.3	96.6	403.5	417.3	414.0	113.7	116.7	116.9	286.0	301.3	306.5	181.2	179.3	182.1	14
10.7	10.5	10.5	42.1	40.4	35.7	7.7	7.7	7.7	27.0	26.7	27.2	33.4	33.3	33.9	15
6.9	6.3	6.3	13.1	12.7	12.6	4.6	4.5	4.4	11.2	11.0	11.1	18.1	18.1	18.1	16
113.3	106.5	106.1	384.0	374.5	371.8	97.4	99.7	99.7	322.4	318.7	319.5	174.8	178.3	178.3	17
3.8	3.8	3.8	17.5	17.2	17.0	2.6	2.8	2.8	16.6	15.5	15.5	7.6	7.7	7.7	18
5.2	4.7	4.7	26.1	26.0	25.8	4.8	5.1	5.1	18.2	17.5	17.7	20.2	19.9	20.6	19
3.0	3.1	3.0	11.8	10.6	10.8	2.9	3.3	3.4	8.1	8.1	8.1	4.7	4.6	4.6	20
3.3	3.0	3.0	18.0	15.1	14.9	2.1	2.3	2.3	8.8	8.0	8.1	6.4	6.9	6.9	21
3.8	3.7	3.7	8.6	8.8	8.7	1.4	1.4	1.4	7.1	7.3	7.3	6.4	6.5	6.5	22
18.7	18.3	18.3	105.5	106.6	106.1	28.4	28.9	28.9	89.3	90.8	91.5	94.9	95.8	96.9	23
2.3	2.4	2.4	7.0	6.5	6.5	1.2	1.2	1.2	6.0	5.8	5.8	4.9	4.6	4.6	24
3.5	3.4	3.4	17.2	17.6	17.2	4.4	4.4	4.5	16.1	15.5	15.7	11.4	11.6	11.7	25
2.9	3.1	3.0	13.2	13.4	13.4	2.4	2.6	2.6	8.9	8.9	8.8	10.9	10.7	10.8	26
34.1	34.6	34.5	128.3	130.2	129.2	26.3	26.9	26.9	107.2	111.1	111.5	127.4	127.5	130.0	27
26.5	26.5	26.9	95.2	95.9	95.1	21.0	21.9	21.9	72.5	74.8	75.2	90.7	90.9	92.2	28
8.5	8.7	8.7	42.1	42.6	42.4	8.3	8.5	8.6	47.9	48.7	48.7	36.8	35.4	37.0	29
2.3	2.3	2.3	12.8	12.8	12.8	-	-	-	13.0	13.4	13.4	-	-	-	30
.6	.7	.7	2.2	2.2	2.3	-	-	-	3.0	2.9	2.9	-	-	-	31
116.8	115.2	114.9	447.1	454.2	450.1	104.5	105.7	105.6	416.7	425.9	426.2	500.5	501.0	502.4	32
1.0	1.1	1.0	6.0	6.6	6.5	.9	.9	.9	3.4	3.6	3.6	5.0	5.0	5.1	33
2.8	2.7	2.7	11.6	11.5	11.8	3.3	3.3	3.4	11.8	11.8	11.8	10.3	9.7	9.6	34
4.9	5.0	4.9	29.6	31.1	31.1	4.5	4.3	4.3	27.6	28.8	29.2	38.1	37.8	38.0	35
19.8	20.3	20.5	68.1	65.6	65.0	14.4	14.6	14.7	59.7	61.0	61.7	80.0	80.4	80.8	36
32.4	33.2	32.9	107.1	111.0	109.0	28.5	29.3	29.1	130.8	136.2	136.3	119.6	123.2	123.8	37
1.3	1.2	1.2	7.9	8.3	8.1	1.2	1.2	1.2	6.8	7.5	7.4	14.7	14.7	14.7	38
19.8	19.2	19.1	75.1	76.6	75.3	26.6	26.7	26.8	58.1	59.1	58.9	70.0	69.9	70.1	39
9.6	9.2	9.2	24.3	24.8	24.4	6.0	5.9	5.8	20.9	21.5	21.4	15.0	15.1	14.9	40
87.0	87.5	87.4	375.8	375.1	377.8	90.8	90.2	90.3	312.1	318.6	320.0	322.3	321.0	324.6	41
50.2	(*)	(*)	182.5	(*)	(*)	57.6	(*)	(*)	152.1	(*)	(*)	115.7	(*)	(*)	42
7.7	(*)	(*)	33.3	(*)	(*)	7.8	(*)	(*)	30.3	(*)	(*)	22.0	(*)	(*)	43
6.1	(*)	(*)	32.2	(*)	(*)	6.9	(*)	(*)	31.6	(*)	(*)	33.8	(*)	(*)	44
41.6	39.0	39.0	124.9	129.4	128.2	21.7	22.0	21.9	100.9	101.1	101.9	126.4	126.2	125.2	45
9.2	8.8	8.7	25.2	25.4	25.2	5.0	4.9	4.9	20.9	21.4	21.3	20.6	20.3	20.1	46
9.6	7.9	7.9	23.3	23.4	23.2	3.7	3.6	3.6	15.0	15.3	15.2	18.3	18.5	18.4	47
2.3	2.2	2.2	12.4	12.7	12.6	2.0	2.0	2.0	10.4	10.4	10.6	9.4	9.2	9.2	48
3.6	3.5	3.5	14.4	14.5	14.3	2.8	2.8	2.8	14.4	14.5	14.5	8.8	9.1	9.0	49
86.5	82.0	82.2	414.7	416.3	411.8	95.5	96.8	96.8	377.4	381.2	382.4	323.7	317.6	325.5	50
4.4	4.2	4.3	24.7	24.4	24.4	5.7	5.8	5.8	21.3	21.7	21.9	16.7	16.1	16.5	51
2.6	2.6	2.5	12.7	12.6	12.8	1.7	1.7	1.7	9.9	9.5	9.6	11.2	10.6	11.1	52
6.0	6.0	6.0	19.0	19.5	19.4	2.5	2.6	2.6	15.5	15.5	16.0	10.3	10.0	10.0	53
2.2	2.5	2.5	10.5	10.5	10.5	1.4	1.4	1.4	9.0	8.9	9.0	6.8	6.9	7.2	54
1.2	1.2	1.2	7.8	7.6	7.4	1.0	1.0	1.0	7.8	7.3	7.4	5.9	5.8	5.9	55
2.1	1.8	1.8	11.7	11.5	11.8	1.1	1.1	1.1	11.4	12.3	12.4	7.9	7.5	7.9	56
6.3	6.2	6.2	35.8	36.5	36.1	13.5	13.5	13.5	33.4	34.2	34.5	54.7	53.6	54.0	57
33.0	31.2	31.1	136.7	136.2	134.2	40.8	40.6	40.6	147.0	148.1	148.3	84.7	82.2	83.0	58
2.4	2.4	2.4	12.5	12.5	12.3	2.2	2.2	2.2	11.2	11.0	11.1	8.4	8.1	8.2	59
17.9	16.6	16.5	47.8	46.2	45.1	7.7	7.7	7.6	31.8	29.7	29.7	43.9	45.9	46.7	60
14.6	13.7	14.4	108.3	101.5	101.1	29.1	27.5	27.8	85.4	83.4	84.8	240.5	234.0	234.2	61
(*)	(*)	(*)	5.0	4.5	4.6	(*)	(*)	(*)	(*)	(*)	(*)	9.1	9.9	10.1	62
(*)	(*)	(*)	4.5	5.4	5.3	(*)	(*)	(*)	(*)	(*)	(*)	12.8	13.6	13.6	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 area		Total			Mining			Construction			Manufacturing		
		FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>PUERTO RICO—Continued</b>													
1	Ponce.....	(*)	(*)	(*)	(*)	(*)	(*)	1.6	1.8	2.0	(*)	(*)	(*)
2	San Juan.....	(*)	(*)	(*)	(2)	(2)	(2)	20.5	12.6	12.8	(*)	(*)	(*)
3	<b>VIRGIN ISLANDS<sup>1</sup></b> .....	17.3	35.5	35.9	(3)	(3)	(3)	3.5	2.6	2.6	2.8	2.5	2.4

# 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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	
(*)	(*)	(*)	7.2	6.5	6.4	(*)	(*)	(*)	7.1	6.2	6.3	16.2	18.6	18.6	1
11.5	11.0	11.9	69.1	64.5	64.0	22.3	21.1	21.4	58.9	59.0	60.1	124.8	120.4	120.6	2
2.2	2.2	2.2	7.7	7.3	7.3	1.6	1.5	1.5	6.3	6.0	6.2	13.2	13.4	13.7	3

<sup>1</sup> State and areas based on March 1982 benchmarks, except for the Washington areas.

<sup>2</sup> Combined with services.

<sup>3</sup> Combined with construction.

<sup>4</sup> Area included in Chicago—Gary Standard Consolidated Statistical Area.

<sup>5</sup> State and areas revised to March 1982 benchmarks; not strictly comparable with previously published data. The area exception is Indianapolis, Indiana.

<sup>6</sup> Subarea of Baltimore Standard Metropolitan Statistical Area.

<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>8</sup> Subarea of New York—Northeastern New Jersey.

<sup>9</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>10</sup> Area included in New York and Nassau—Suffolk combined SMSA's.

<sup>11</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>12</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>13</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.

<sup>14</sup> Total includes data for industry divisions not shown separately.

<sup>15</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.

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<sup>1</sup> on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
-	<b>TOTAL PRIVATE</b> .....	\$262.39	\$261.99	\$273.34	\$270.52	\$274.57	\$7.54	\$7.55	\$7.90	\$7.91	\$7.89
-	<b>MINING</b> .....	463.03	465.16	478.98	467.10	459.50	10.62	10.62	11.27	11.31	11.18
10	<b>METAL MINING</b> .....	479.02	490.37	499.75	493.35	-	12.22	12.29	12.62	12.65	-
101	Iron ores .....	511.83	532.36	524.10	516.98	-	12.86	12.89	13.37	13.29	-
102	Copper ores .....	485.01	496.92	545.44	524.56	-	12.31	12.30	13.08	13.18	-
11, 12	<b>COAL MINING</b> .....	514.59	509.23	531.20	524.33	-	12.37	12.33	13.28	13.41	-
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	515.02	510.88	533.20	525.90	-	12.41	12.37	13.33	13.45	-
13	<b>OIL AND GAS EXTRACTION</b> .....	454.36	459.19	472.60	458.58	-	10.03	10.07	10.79	10.79	-
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	484.45	476.42	545.69	522.86	-	11.73	11.62	12.72	12.39	-
138	Oil and gas field services .....	445.96	453.55	440.23	428.98	-	9.57	9.65	9.96	10.07	-
14, 142	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	365.09	365.79	385.22	373.92	-	8.84	8.73	9.15	9.12	-
142	Crushed and broken stone .....	343.60	352.70	353.64	342.76	-	8.36	8.26	8.38	8.36	-
-	<b>CONSTRUCTION</b> .....	406.39	419.21	437.55	422.68	431.70	11.32	11.33	11.89	11.94	11.86
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	366.01	376.32	384.42	374.15	-	10.31	10.31	10.59	10.69	-
152	Residential building construction .....	331.30	339.27	341.52	334.18	-	9.52	9.53	9.73	9.80	-
153	Operative builders .....	292.92	309.28	347.01	322.08	-	8.59	8.52	8.99	8.80	-
154	Nonresidential building construction .....	400.01	411.06	428.20	417.07	-	11.05	11.05	11.48	11.65	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	428.85	447.29	478.74	455.42	-	11.11	10.99	11.85	11.86	-
161	Highway and street construction .....	336.70	358.49	378.74	350.23	-	9.10	8.94	9.54	9.29	-
162	Heavy construction, except highway .....	452.40	471.99	504.63	482.89	-	11.60	11.54	12.46	12.51	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	414.61	428.17	445.54	431.03	-	11.88	11.96	12.48	12.53	-
171	Plumbing, heating, air conditioning .....	437.10	444.83	468.49	452.88	-	11.91	11.99	12.56	12.58	-
172	Painting, paper hanging, decorating .....	362.88	375.14	389.25	369.98	-	10.80	10.78	11.25	11.28	-
173	Electrical work .....	494.02	507.82	526.05	507.84	-	13.28	13.47	13.88	13.80	-
174	Masonry, stonework, and plastering .....	362.56	381.82	396.54	381.47	-	11.19	11.33	11.98	12.11	-
175	Carpentering and flooring .....	348.66	357.84	393.99	387.44	-	10.63	10.65	11.42	11.67	-
176	Roofing and sheet metal work .....	292.17	308.75	345.70	320.84	-	10.18	10.09	10.94	10.95	-
-	<b>MANUFACTURING</b> .....	326.93	327.27	341.43	339.11	346.50	8.34	8.37	8.71	8.74	8.75
24, 26, 32-39	<b>DURABLE GOODS</b> .....	352.93	352.84	367.62	366.42	372.93	8.89	8.91	9.26	9.30	9.30
20-23, 28-31	<b>NONDURABLE GOODS</b> .....	291.04	289.93	308.03	304.42	311.59	7.54	7.57	7.98	7.99	8.01
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	272.63	273.73	302.62	301.86	305.29	7.27	7.28	7.72	7.76	7.69
241	Logging camps and logging contractors .....	364.98	368.01	407.72	397.82	-	9.63	9.71	10.27	10.36	-
242	Sawmills and planing mills .....	283.88	283.50	316.41	316.00	-	7.55	7.56	7.95	8.00	-
2421	Sawmills and planing mills, general .....	297.75	298.50	336.47	333.83	-	7.94	7.96	8.37	8.43	-
2428	Hardwood dimension and flooring .....	200.26	200.79	208.13	213.56	-	5.27	5.27	5.42	5.49	-
243	Millwork, plywood, and structural members .....	263.84	267.04	300.62	300.66	-	7.15	7.14	7.63	7.67	-
2431	Millwork .....	276.29	273.67	303.08	309.28	-	7.29	7.24	7.71	7.81	-
2434	Wood kitchen cabinets .....	236.08	245.80	265.94	258.75	-	6.65	6.79	6.98	6.90	-
2435	Hardwood veneer and plywood .....	216.98	216.78	233.82	231.21	-	5.71	5.66	5.98	5.99	-
2438	Softwood veneer and plywood .....	310.62	318.19	374.24	374.54	-	8.51	8.44	9.15	9.18	-
244	Wood containers .....	208.03	213.40	203.68	208.32	-	5.46	5.50	5.49	5.57	-
245	Wood buildings and mobile homes .....	237.30	238.56	247.23	246.32	-	6.61	6.72	6.70	6.73	-
2461	Mobile homes .....	241.80	243.39	247.01	252.59	-	6.50	6.65	6.64	6.70	-
249	Miscellaneous wood products .....	238.23	239.01	253.50	255.58	-	6.14	6.16	6.50	6.52	-
25	<b>FURNITURE AND FIXTURES</b> .....	231.51	233.50	243.75	243.47	249.72	6.19	6.21	6.50	6.51	6.52
251	Household furniture .....	208.25	211.07	221.86	222.00	-	5.69	5.72	5.98	6.00	-
2511	Wood household furniture .....	193.04	194.67	204.79	199.84	-	5.26	5.29	5.52	5.49	-
2512	Upholstered household furniture .....	217.16	220.79	231.40	235.87	-	6.10	6.15	6.41	6.48	-
2514	Metal household furniture .....	232.23	237.21	242.14	239.58	-	5.97	5.96	6.13	6.05	-
2515	Mattresses and bedsprings .....	221.13	224.82	252.65	263.20	-	6.30	6.28	6.81	6.89	-
252	Office furniture .....	268.80	270.12	270.99	268.09	-	6.72	6.77	7.15	7.13	-
253	Public building and related furniture .....	277.14	280.35	291.13	283.02	-	7.07	7.17	7.26	7.22	-
254	Partitions and fixtures .....	286.08	287.60	300.17	298.92	-	7.45	7.47	7.92	7.95	-
259	Miscellaneous furniture and fixtures .....	270.97	267.72	283.24	282.90	-	7.02	6.90	7.30	7.31	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
-	<b>TOTAL PRIVATE</b> .....	34.8	34.7	34.6	34.2	34.8	-	-	-	-	-
-	<b>MINING</b> .....	43.6	43.8	42.5	41.3	41.1	-	-	-	-	-
10	<b>METAL MINING</b> .....	39.2	39.9	39.6	39.0	-	-	-	-	-	
101	Iron ores .....	39.8	41.3	39.2	38.9	-	-	-	-	-	
102	Copper ores .....	39.4	40.4	41.7	39.8	-	-	-	-	-	
11, 12	<b>COAL MINING</b> .....	41.6	41.3	40.0	39.1	-	-	-	-	-	
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	41.5	41.3	40.0	39.1	-	-	-	-	-	
13	<b>OIL AND GAS EXTRACTION</b> .....	45.3	45.6	43.8	42.5	-	-	-	-	-	
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	41.3	41.0	42.9	42.2	-	-	-	-	-	
138	Oil and gas field services .....	46.6	47.0	44.2	42.6	-	-	-	-	-	
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	41.3	41.9	42.1	41.0	-	-	-	-	-	
142	Crushed and broken stone .....	41.1	42.7	42.2	41.0	-	-	-	-	-	
-	<b>CONSTRUCTION</b> .....	35.9	37.0	36.8	35.4	36.4	-	-	-	-	
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	35.5	36.5	36.3	35.0	-	-	-	-	-	
152	Residential building construction .....	34.8	35.6	35.1	34.1	-	-	-	-	-	
153	Operative builders .....	34.1	36.3	38.6	36.6	-	-	-	-	-	
154	Nonresidential building construction .....	36.2	37.2	37.3	35.8	-	-	-	-	-	
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	38.6	40.7	40.4	38.4	-	-	-	-	-	
161	Highway and street construction .....	37.0	40.1	39.7	37.7	-	-	-	-	-	
162	Heavy construction, except highway .....	39.0	40.9	40.5	38.6	-	-	-	-	-	
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	34.9	35.8	35.7	34.4	-	-	-	-	-	
171	Plumbing, heating, air conditioning .....	36.7	37.1	37.3	36.0	-	-	-	-	-	
172	Painting, paper hanging, decorating .....	33.6	34.8	34.6	32.8	-	-	-	-	-	
173	Electrical work .....	37.2	37.7	37.9	36.8	-	-	-	-	-	
174	Masonry, stonework, and plastering .....	32.4	33.7	33.1	31.5	-	-	-	-	-	
175	Carpentering and flooring .....	32.8	33.6	34.5	33.2	-	-	-	-	-	
176	Roofing and sheet metal work .....	28.7	30.6	31.6	29.3	-	-	-	-	-	
-	<b>MANUFACTURING</b> .....	39.2	39.1	39.2	38.8	39.6	2.3	2.3	2.3	2.6	
24, 25, 32-39	<b>DURABLE GOODS</b> .....	39.7	39.6	39.7	39.4	40.1	2.2	2.2	2.1	2.5	
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	38.6	38.3	38.6	38.1	38.9	2.5	2.4	2.4	2.6	
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	37.5	37.6	39.2	38.9	39.7	2.0	2.0	2.5	2.5	
241	Logging camps and logging contractors .....	37.9	37.9	39.7	38.4	-	2.7	2.3	3.4	2.9	
242	Sawmills and planing mills .....	37.6	37.5	39.8	39.5	-	2.6	2.5	3.1	3.0	
2421	Sawmills and planing mills, general .....	37.5	37.5	40.2	39.6	-	2.7	2.7	3.3	3.2	
2426	Hardwood dimension and flooring .....	38.0	38.1	38.4	38.9	-	1.8	1.6	2.1	2.2	
243	Millwork, plywood, and structural members .....	36.9	37.4	39.4	39.2	-	1.4	1.6	2.2	2.4	
2431	Millwork .....	37.9	37.8	39.3	39.6	-	1.0	1.1	1.3	1.8	
2434	Wood kitchen cabinets .....	35.5	36.2	38.1	37.5	-	.8	1.2	1.6	1.8	
2436	Hardwood veneer and plywood .....	38.0	38.3	39.1	38.6	-	2.1	2.1	2.4	2.7	
2438	Softwood veneer and plywood .....	36.5	37.7	40.9	40.8	-	2.1	2.3	3.8	3.8	
244	Wood containers .....	38.1	38.8	37.1	37.4	-	1.8	2.0	1.3	1.4	
246	Wood buildings and mobile homes .....	35.9	35.5	36.9	36.6	-	1.2	1.1	1.3	1.5	
2461	Mobile homes .....	37.2	36.6	37.2	37.7	-	1.3	1.2	1.3	1.7	
249	Miscellaneous wood products .....	38.8	38.8	39.0	39.2	-	2.1	2.1	1.9	2.1	
26	<b>FURNITURE AND FIXTURES</b> .....	37.4	37.6	37.5	37.4	38.3	1.4	1.4	1.6	1.5	
261	Household furniture .....	36.6	36.9	37.1	37.0	-	1.0	1.1	1.4	1.4	
2611	Wood household furniture .....	36.7	36.8	37.1	36.4	-	1.2	1.2	1.7	1.4	
2612	Upholstered household furniture .....	35.6	35.9	36.1	36.4	-	.6	.6	.6	.8	
2614	Metal household furniture .....	38.9	39.8	39.5	39.6	-	2.0	2.5	2.0	2.1	
2615	Mattresses and bedspreads .....	35.1	35.8	37.1	38.2	-	1.0	.9	1.5	2.0	
262	Office furniture .....	40.0	39.9	37.9	37.6	-	2.1	2.1	1.9	1.9	
263	Public building and related furniture .....	39.2	39.1	40.1	39.2	-	2.3	2.3	2.7	2.4	
264	Partitions and fixtures .....	38.4	38.5	37.9	37.6	-	2.0	1.8	1.8	1.8	
269	Miscellaneous furniture and fixtures .....	38.6	38.8	38.8	38.7	-	1.5	1.3	1.4	1.3	

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
<b>32</b>	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	<b>\$337.90</b>	<b>\$344.27</b>	<b>\$367.54</b>	<b>\$358.02</b>	<b>\$368.85</b>	<b>\$8.62</b>	<b>\$8.65</b>	<b>\$9.12</b>	<b>\$9.11</b>	<b>\$9.13</b>
321	Flat glass	472.92	453.06	498.89	502.10	-	11.26	11.52	11.85	11.87	-
322	Glass and glassware, pressed or blown	364.57	365.20	390.98	393.20	-	9.16	9.13	9.75	9.83	-
3221	Glass containers	384.62	384.46	405.62	414.32	-	9.45	9.40	10.09	10.23	-
3229	Pressed and blown glass, nec	335.72	337.85	368.80	362.35	-	8.72	8.73	9.22	9.22	-
323	Products of purchased glass	299.91	324.01	343.71	329.09	-	7.69	8.02	8.55	8.46	-
324	Cement, hydraulic	500.94	491.97	515.30	516.84	-	12.10	11.97	12.63	12.73	-
326	Structural clay products	279.24	283.35	287.92	284.93	-	7.16	7.21	7.18	7.25	-
326	Pottery and related products	276.58	276.05	291.44	289.15	-	7.11	7.17	7.71	7.53	-
327	Concrete, gypsum, and plaster products	318.74	333.83	356.33	335.72	-	8.41	8.43	8.82	8.72	-
3271	Concrete block and brick	287.26	301.72	328.60	312.43	-	7.52	7.60	7.88	7.85	-
3272	Concrete products, nec	302.54	313.34	321.73	307.71	-	7.64	7.68	7.79	7.81	-
3273	Ready-mixed concrete	336.02	351.36	379.82	351.50	-	9.36	9.32	9.84	9.71	-
329	Misc. nonmetallic mineral products	338.70	334.96	370.31	355.27	-	8.51	8.48	9.01	9.04	-
3291	Abrasive products	328.60	323.20	341.33	338.34	-	8.34	8.33	8.82	8.72	-
3292	Asbestos products	333.32	328.79	436.64	322.14	-	8.46	8.54	9.33	8.85	-
<b>33</b>	<b>PRIMARY METAL INDUSTRIES</b>	<b>443.52</b>	<b>434.85</b>	<b>451.23</b>	<b>450.04</b>	<b>456.95</b>	<b>11.20</b>	<b>11.15</b>	<b>11.57</b>	<b>11.51</b>	<b>11.51</b>
331	Blast furnace and basic steel products	519.55	502.11	515.87	515.74	-	13.22	13.11	13.72	13.68	-
3312	Blast furnaces and steel mills	539.78	521.81	533.13	534.88	-	13.77	13.66	14.37	14.34	-
3317	Steel pipe and tubes	409.77	401.94	431.47	422.76	-	10.48	10.44	10.68	10.73	-
332	Iron and steel foundries	358.75	354.92	377.30	378.46	-	9.27	9.34	9.80	9.83	-
3321	Gray iron foundries	357.55	358.16	386.84	387.61	-	9.36	9.45	9.97	9.99	-
3322	Malleable iron foundries	385.57	382.50	388.21	408.33	-	10.12	10.31	10.27	10.47	-
3326	Steel foundries, nec	358.09	345.85	358.33	350.76	-	9.02	9.03	9.53	9.48	-
333	Primary nonferrous metals	506.92	512.68	540.90	544.66	-	12.61	12.69	13.29	13.22	-
3334	Primary aluminum	536.00	551.89	564.98	579.10	-	13.40	13.56	14.16	14.09	-
335	Nonferrous rolling and drawing	403.27	404.15	433.06	430.73	-	9.86	9.93	10.41	10.48	-
3351	Copper rolling and drawing	345.66	347.27	373.89	368.33	-	8.62	8.66	8.86	8.94	-
3353	Aluminum sheet, plate, and foil	546.11	538.30	574.33	573.53	-	12.88	12.94	13.74	13.82	-
3357	Nonferrous wire drawing and insulating	375.15	369.95	399.92	401.23	-	9.15	9.18	9.66	9.81	-
336	Nonferrous foundries	327.92	328.60	345.79	348.40	-	8.26	8.34	8.71	8.71	-
3361	Aluminum foundries	336.31	333.72	356.00	359.30	-	8.45	8.47	8.90	8.96	-
<b>34</b>	<b>FABRICATED METAL PRODUCTS</b>	<b>337.66</b>	<b>342.14</b>	<b>354.71</b>	<b>356.69</b>	<b>363.51</b>	<b>8.57</b>	<b>8.64</b>	<b>8.98</b>	<b>9.03</b>	<b>9.02</b>
341	Metal cans and shipping containers	482.08	494.07	501.06	497.59	-	11.29	11.49	11.93	11.99	-
3411	Metal cans	498.74	513.65	519.96	519.58	-	11.68	11.89	12.38	12.49	-
342	Cutlery, hand tools, and hardware	313.53	319.48	339.55	340.08	-	8.06	8.15	8.64	8.72	-
3423, 5	Hand and edge tools, and hand saws and blades	299.92	303.81	314.67	310.61	-	7.73	7.79	8.11	8.11	-
3429	Hardware, nec	324.31	333.13	352.24	355.67	-	8.38	8.52	8.94	9.05	-
343	Plumbing and heating, except electric	295.68	299.14	309.96	312.78	-	7.68	7.69	8.03	8.02	-
3432	Plumbing fittings and brass goods	292.86	304.56	297.21	303.81	-	7.49	7.52	7.76	7.79	-
3433	Heating equipment, except electric	291.83	291.45	309.19	306.48	-	7.58	7.57	8.01	7.94	-
344	Fabricated structural metal products	333.32	334.44	343.00	345.63	-	8.46	8.51	8.75	8.75	-
3441	Fabricated structural metal	346.26	354.08	358.66	394.72	-	8.70	8.83	9.08	8.87	-
3442	Metal doors, sash, and trim	261.67	260.06	262.13	260.94	-	6.85	6.79	6.88	6.94	-
3443	Fabricated plate work (boiler shops)	379.73	377.08	397.98	392.03	-	9.33	9.38	9.90	9.95	-
3444	Sheet metal work	333.29	337.35	348.27	343.55	-	8.59	8.65	8.93	8.97	-
3446	Architectural metal work	310.45	308.11	350.27	336.69	-	7.82	7.86	8.67	8.70	-
345	Screw machine products, bolts, etc.	316.40	317.17	323.59	319.49	-	8.01	8.05	8.34	8.32	-
3451	Screw machine products	296.86	296.16	299.92	290.68	-	7.44	7.46	7.77	7.69	-
3452	Bolts, nuts, rivets, and washers	333.84	337.90	345.43	346.71	-	8.56	8.62	8.88	8.89	-
346	Metal forgings and stampings	380.60	390.84	411.25	420.02	-	9.66	9.82	10.23	10.32	-
3462	Iron and steel forgings	418.80	415.52	438.00	442.89	-	10.47	10.60	10.95	11.10	-
3465	Automotive stampings	450.74	471.83	505.91	510.00	-	11.44	11.65	11.96	12.00	-
3469	Metal stampings, nec	299.13	303.00	305.98	317.10	-	7.67	7.71	8.01	8.11	-
347	Metal services, nec	264.80	267.63	274.63	277.03	-	6.86	6.88	7.06	7.14	-
3471	Plating and polishing	263.93	266.47	273.53	273.15	-	6.82	6.85	6.96	7.04	-
3479	Metal coating and allied services	266.19	270.74	277.81	286.03	-	6.95	6.96	7.33	7.41	-
348	Ordnance and accessories, nec	353.97	359.92	382.70	380.84	-	8.74	8.80	9.38	9.45	-
3483	Ammunition, exc. for small arms, nec	319.60	318.79	366.27	360.04	-	8.01	7.93	8.70	8.76	-
349	Misc. fabricated metal products	318.27	317.88	327.15	323.71	-	8.14	8.13	8.41	8.43	-
3494	Valves and pipe fittings	339.95	340.89	341.76	341.76	-	8.65	8.63	8.97	8.97	-
3496	Misc. fabricated wire products	270.27	272.58	291.21	280.10	-	7.02	7.08	7.41	7.41	-
<b>35</b>	<b>MACHINERY, EXCEPT ELECTRICAL</b>	<b>374.44</b>	<b>370.87</b>	<b>371.45</b>	<b>369.81</b>	<b>376.66</b>	<b>9.20</b>	<b>9.18</b>	<b>9.38</b>	<b>9.41</b>	<b>9.44</b>
351	Engines and turbines	445.27	444.83	451.95	450.08	-	11.33	11.29	11.50	11.63	-
3511	Turbines and turbine generator sets	415.91	428.98	431.79	426.38	-	10.45	10.54	11.10	11.25	-
3519	Internal combustion engines, nec	457.47	451.24	462.94	462.94	-	11.70	11.63	11.72	11.84	-
352	Farm and garden machinery	401.17	379.49	395.79	395.40	-	9.93	9.44	10.02	10.01	-
3523	Farm machinery and equipment	419.12	396.19	421.11	420.12	-	10.40	9.88	10.77	10.80	-
353	Construction and related machinery	418.91	416.94	389.00	388.32	-	10.07	10.12	10.00	10.06	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	39.2	39.8	40.3	39.3	40.4	3.2	3.4	3.2	3.0	-
321	Flat glass	42.0	42.8	42.1	42.3	-	4.1	4.3	3.5	3.8	-
322	Glass and glassware, pressed or blown	39.8	40.0	40.1	40.0	-	4.1	4.0	3.7	3.6	-
3221	Glass containers	40.7	40.9	40.2	40.5	-	4.8	4.9	4.3	4.3	-
3229	Pressed and blown glass, nec	38.5	38.7	40.0	39.3	-	3.0	2.8	2.7	2.5	-
323	Products of purchased glass	39.0	40.4	40.2	38.9	-	2.6	2.9	2.5	2.0	-
324	Cement, hydraulic	41.4	41.1	40.8	40.6	-	2.6	2.2	2.3	2.8	-
325	Structural clay products	39.0	39.3	40.1	39.3	-	2.4	2.3	2.8	2.6	-
326	Pottery and related products	38.9	38.5	37.8	38.4	-	2.0	1.9	1.4	1.5	-
327	Concrete, gypsum, and plaster products	37.9	39.6	40.4	38.5	-	3.6	4.5	4.4	3.6	-
3271	Concrete block and brick	38.2	39.7	41.7	39.8	-	3.2	4.0	4.4	3.9	-
3272	Concrete products, nec	39.6	40.8	41.3	39.4	-	3.7	4.4	4.0	3.3	-
3273	Ready-mixed concrete	35.9	37.7	38.6	36.2	-	3.7	4.5	4.3	3.3	-
329	Misc. nonmetallic mineral products	39.8	39.5	41.1	39.3	-	2.5	2.3	2.2	2.8	-
3281	Abrasive products	39.4	38.8	38.7	38.8	-	1.7	1.6	1.7	2.1	-
3292	Asbestos products	39.4	38.5	46.8	36.4	-	1.7	1.7	2.1	1.8	-
33	<b>PRIMARY METAL INDUSTRIES</b>	39.6	39.0	39.0	39.1	39.7	2.2	2.0	2.0	2.3	-
331	Blast furnace and basic steel products	39.3	38.3	37.6	37.7	-	1.8	1.4	1.2	1.6	-
3312	Blast furnaces and steel mills	39.2	38.2	37.1	37.3	-	1.9	1.4	1.1	1.6	-
3317	Steel pipe and tubes	39.1	38.5	40.4	39.4	-	1.7	1.6	2.2	1.9	-
332	Iron and steel foundries	38.7	38.0	38.5	38.5	-	2.3	2.0	1.8	2.0	-
3321	Gray iron foundries	38.2	37.9	38.8	38.8	-	2.3	2.0	2.0	2.3	-
3322	Malleable iron foundries	38.1	37.1	37.8	39.0	-	2.2	1.9	1.4	1.8	-
3325	Steel foundries, nec	39.7	38.3	37.6	37.0	-	2.5	2.1	1.1	1.4	-
333	Primary nonferrous metals	40.2	40.4	40.7	41.2	-	2.5	2.5	2.6	3.3	-
3334	Primary aluminum	40.0	40.7	39.9	41.1	-	2.9	3.1	2.7	3.8	-
335	Nonferrous rolling and drawing	40.9	40.7	41.6	41.1	-	3.0	2.9	3.1	3.2	-
3351	Copper rolling and drawing	40.1	40.1	42.2	41.2	-	2.6	2.4	2.3	2.3	-
3353	Aluminum sheet, plate and foil	42.4	41.6	41.8	41.5	-	4.1	3.9	4.3	4.7	-
3357	Nonferrous wire drawing and insulating	41.0	40.3	41.4	40.9	-	3.2	2.8	2.8	3.0	-
336	Nonferrous foundries	39.7	39.4	39.7	40.0	-	2.0	2.1	2.6	2.5	-
3361	Aluminum foundries	39.8	39.4	40.0	40.1	-	2.1	2.2	2.5	2.5	-
34	<b>FABRICATED METAL PRODUCTS</b>	39.4	39.6	39.5	39.5	40.3	2.1	2.1	2.0	2.1	-
341	Metal cans and shipping containers	42.7	43.0	42.0	41.5	-	4.0	4.0	4.3	4.1	-
3411	Metal cans	42.7	43.2	42.0	41.6	-	4.0	4.0	4.4	4.2	-
342	Cutlery, hand tools, and hardware	38.9	39.2	39.3	39.0	-	1.5	1.4	1.4	1.7	-
3423, 5	Hand and edge tools, and hand saws and blades	38.8	39.0	38.8	38.3	-	1.4	1.4	1.3	1.2	-
3429	Hardware, nec	38.7	39.1	39.4	39.3	-	1.4	1.3	1.6	2.1	-
343	Plumbing and heating, except electric	38.5	38.9	38.6	39.0	-	1.3	1.6	1.3	1.6	-
3432	Plumbing fittings and brass goods	39.1	40.5	38.3	39.0	-	1.7	2.4	1.3	2.0	-
3433	Heating equipment, except electric	38.5	38.5	38.6	38.6	-	1.0	1.1	1.1	1.0	-
344	Fabricated structural metal products	39.4	39.3	39.2	39.5	-	2.2	2.1	1.9	1.8	-
3441	Fabricated structural metal	39.8	40.1	39.5	44.5	-	2.6	2.7	2.2	2.6	-
3442	Metal doors, sash, and trim	38.2	38.3	38.1	37.6	-	1.7	1.7	1.4	1.0	-
3443	Fabricated plate work (boiler shops)	40.7	40.2	40.2	39.4	-	2.8	2.6	2.3	2.3	-
3444	Sheet metal work	38.8	39.0	39.0	38.3	-	2.0	2.0	1.7	1.5	-
3446	Architectural metal work	39.7	39.2	40.4	38.7	-	1.8	1.5	2.8	1.6	-
345	Screw machine products, bolts, etc.	39.5	39.4	38.8	38.4	-	1.8	2.0	1.7	1.8	-
3451	Screw machine products	39.9	39.7	38.6	37.8	-	2.3	2.4	1.5	1.4	-
3452	Bolts, nuts, rivets, and washers	39.0	39.2	38.9	39.0	-	1.2	1.6	1.8	2.1	-
346	Metal forgings and stampings	39.4	39.8	40.2	40.7	-	1.9	2.3	2.4	2.7	-
3462	Iron and steel forgings	40.0	39.2	40.0	39.9	-	2.1	2.0	2.1	2.3	-
3465	Automotive stampings	39.4	40.5	42.3	42.5	-	1.9	2.7	3.4	3.7	-
3469	Metal stampings, nec	39.0	39.3	38.2	39.1	-	1.8	1.9	1.7	1.9	-
347	Metal services, nec	38.6	38.9	38.9	38.8	-	2.1	2.4	2.1	2.5	-
3471	Plating and polishing	38.7	38.9	39.3	38.8	-	2.2	2.5	2.2	2.5	-
3479	Metal coating and allied services	38.3	38.9	37.9	38.6	-	1.8	2.2	1.9	2.5	-
348	Ordnance and accessories, nec	40.5	40.9	40.8	40.3	-	2.6	2.5	2.2	2.3	-
3483	Ammunition, exc. for small arms, nec	39.9	40.2	42.1	41.1	-	2.2	1.7	2.0	1.8	-
349	Misc. fabricated metal products	39.1	39.1	38.9	38.4	-	2.0	1.8	1.3	1.4	-
3494	Valves and pipe fittings	39.3	39.5	38.1	38.1	-	2.1	1.9	1.0	1.0	-
3496	Misc. fabricated wire products	38.5	38.5	39.3	37.8	-	1.7	1.6	1.3	1.4	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	40.7	40.4	39.6	39.3	39.9	2.7	2.5	2.0	2.0	-
351	Engines and turbines	39.3	39.4	39.3	38.7	-	1.8	1.9	1.5	1.6	-
3511	Turbines and turbine generator sets	39.8	40.7	38.9	37.9	-	2.7	3.4	2.1	2.2	-
3519	Internal combustion engines, nec	39.1	38.8	39.5	39.1	-	1.5	1.2	1.2	1.2	-
352	Farm and garden machinery	40.4	40.2	39.5	39.5	-	2.4	1.8	1.9	1.9	-
3523	Farm machinery and equipment	40.3	40.1	39.1	38.9	-	2.3	1.6	1.7	1.6	-
353	Construction and related machinery	41.6	41.2	38.9	38.6	-	3.1	3.0	1.7	1.5	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983F	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>											
3531	Construction machinery .....	\$445.17	\$444.18	\$406.13	\$408.51	-	\$11.27	\$11.36	\$10.23	\$10.29	-
3532	Mining machinery .....	409.24	409.60	404.64	408.41	-	10.18	10.24	10.51	10.92	-
3533	Oil field machinery .....	442.65	438.51	413.31	411.60	-	9.75	9.81	10.49	10.50	-
3535	Conveyers and conveying equipment .....	344.86	337.85	330.22	337.06	-	8.60	8.51	8.69	8.87	-
3537	Industrial trucks and tractors .....	332.16	329.67	320.04	313.11	-	8.65	8.63	8.99	8.87	-
354	Metalworking machinery .....	386.75	382.73	388.00	382.76	-	9.41	9.45	9.70	9.69	-
3541	Machine tools, metal cutting types .....	395.44	387.47	377.48	373.37	-	9.74	9.76	9.96	10.01	-
3542	Machine tools, metal forming types .....	382.57	380.98	392.03	386.96	-	9.86	9.87	10.13	10.21	-
3544	Special dies, tools, jigs, and fixtures .....	416.07	414.34	424.35	418.80	-	9.93	9.96	10.35	10.29	-
3545	Machine tool accessories .....	339.89	337.59	342.91	338.14	-	8.54	8.59	8.77	8.76	-
3546	Power driven hand tools .....	328.18	318.89	304.62	304.40	-	7.74	7.74	7.54	7.61	-
355	Special industry machinery .....	351.35	352.55	359.99	359.97	-	8.74	8.77	9.16	9.23	-
3551	Food products machinery .....	363.81	360.48	374.77	379.03	-	9.05	9.08	9.44	9.62	-
3552	Textile machinery .....	270.44	267.65	273.33	270.09	-	6.97	6.97	7.25	7.28	-
3556	Printing trades machinery .....	367.02	369.05	370.36	370.75	-	9.04	9.09	9.57	9.58	-
356	General industrial machinery .....	367.03	363.77	369.26	364.49	-	9.13	9.14	9.42	9.37	-
3561	Pumps and pumping equipment .....	377.61	374.12	386.31	384.55	-	9.37	9.40	9.88	9.81	-
3562	Ball and roller bearings .....	361.01	354.22	369.00	360.10	-	8.87	8.90	9.00	8.98	-
3563	Air and gas compressors .....	413.50	400.72	418.15	400.62	-	9.94	9.87	10.48	10.22	-
3564	Blowers and fans .....	345.14	341.38	340.56	340.26	-	8.48	8.45	8.71	8.68	-
3566	Speed changers, drives, and gears .....	383.36	382.59	348.61	351.86	-	9.73	9.76	9.63	9.64	-
3568	Power transmission equipment, nec .....	355.52	351.43	344.28	339.48	-	8.80	8.83	9.23	9.25	-
357	Office and computing machines .....	325.20	322.18	337.43	336.18	-	7.78	7.82	8.23	8.26	-
3573	Electronic computing equipment .....	326.21	322.82	334.97	336.61	-	7.73	7.76	8.17	8.21	-
358	Refrigeration and service machinery .....	334.40	332.69	348.08	350.95	-	8.36	8.38	8.79	8.93	-
3585	Refrigeration and heating equipment .....	336.41	340.16	360.59	367.08	-	8.56	8.59	9.06	9.20	-
359	Misc. machinery, except electrical .....	351.92	352.80	363.78	364.26	-	8.82	8.82	9.28	9.34	-
3592	Carburetors, pistons, rings, valves .....	428.93	400.67	412.51	419.22	-	10.75	10.30	10.55	10.64	-
3599	Machinery, except electrical, nec .....	342.74	346.12	355.94	356.07	-	8.59	8.61	9.08	9.13	-
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT .....</b>	316.81	316.40	336.66	334.84	\$341.25	7.96	8.01	8.48	8.52	\$8.51
361	Electric distributing equipment .....	306.92	307.33	325.31	322.48	-	7.77	7.84	8.32	8.29	-
3612	Transformers .....	298.29	296.45	318.20	318.67	-	7.59	7.70	8.18	8.15	-
3613	Switchgear and switchboard apparatus .....	314.42	315.62	330.06	325.92	-	7.92	7.95	8.42	8.40	-
362	Electrical industrial apparatus .....	325.56	317.81	332.74	335.40	-	8.18	8.17	8.51	8.60	-
3621	Motors and generators .....	327.62	323.95	342.05	347.39	-	8.17	8.16	8.53	8.62	-
3622	Industrial controls .....	312.45	296.32	315.91	311.54	-	7.91	7.86	8.27	8.33	-
363	Household appliances .....	303.28	300.93	329.09	328.41	-	7.96	7.94	8.46	8.53	-
3632	Household refrigerators and freezers .....	360.21	364.17	377.28	382.57	-	9.26	9.29	9.60	9.71	-
3633	Household laundry equipment .....	355.13	358.15	394.79	398.19	-	9.42	9.50	10.02	10.03	-
3634	Electric housewares and fans .....	229.48	225.63	254.59	247.30	-	6.27	6.25	6.63	6.63	-
364	Electric lighting and wiring equipment .....	296.96	293.61	321.18	312.84	-	7.48	7.49	7.95	7.92	-
3641	Electric lamps .....	345.17	337.60	391.78	382.30	-	8.46	8.44	9.24	9.19	-
3643	Current-carrying wiring devices .....	277.38	275.97	301.10	283.28	-	7.04	7.04	7.38	7.32	-
3644	Noncurrent-carrying wiring devices .....	292.55	289.54	319.93	318.27	-	7.54	7.54	8.12	8.14	-
3645	Residential lighting fixtures .....	238.73	229.58	233.70	244.90	-	6.09	6.01	6.15	6.20	-
365	Radio and TV receiving equipment .....	291.72	297.55	306.13	308.00	-	7.48	7.61	7.89	8.00	-
3651	Radio and TV receiving sets .....	294.14	302.63	316.86	320.93	-	7.66	7.82	8.23	8.25	-
366	Communication equipment .....	374.85	380.66	403.40	402.99	-	9.21	9.33	10.01	10.10	-
3661	Telephone and telegraph apparatus .....	384.61	383.51	409.37	405.43	-	9.52	9.54	10.26	10.29	-
3662	Radio and TV communication equipment .....	369.33	379.86	401.13	402.40	-	9.03	9.22	9.88	10.01	-
367	Electronic components and accessories .....	276.91	276.41	298.90	296.29	-	6.94	6.98	7.51	7.52	-
3671-3	Electronic tubes .....	352.81	357.54	386.63	377.78	-	8.69	8.85	9.43	9.54	-
3674	Semiconductors and related devices .....	320.79	315.22	334.32	333.08	-	7.96	7.92	8.40	8.39	-
3679	Electronic components, nec .....	257.75	261.35	280.50	278.78	-	6.46	6.55	7.03	7.04	-
368	Misc. electrical equipment and supplies .....	341.20	342.07	347.60	346.98	-	8.66	8.66	8.80	8.74	-
3691	Storage batteries .....	350.37	339.07	368.25	367.30	-	8.87	8.83	9.64	9.59	-
3694	Engine electrical equipment .....	357.95	364.00	346.92	347.38	-	9.52	9.43	8.85	8.75	-
37	<b>TRANSPORTATION EQUIPMENT .....</b>	437.13	439.96	468.95	469.53	478.08	10.82	10.89	11.41	11.48	11.52
371	Motor vehicles and equipment .....	452.00	455.66	486.45	495.40	-	11.30	11.42	11.75	11.88	-
3711	Motor vehicles and car bodies .....	519.54	515.11	538.48	551.76	-	12.86	12.91	13.07	13.20	-
3713	Truck and bus bodies .....	360.10	357.38	342.47	340.56	-	8.98	8.89	8.67	8.71	-
3714	Motor vehicle parts and accessories .....	422.14	427.87	468.30	474.05	-	10.58	10.67	11.15	11.26	-
3715	Truck trailers .....	298.36	294.86	321.36	319.73	-	7.79	7.78	8.24	8.37	-
372	Aircraft and parts .....	458.02	455.26	477.24	479.29	-	11.01	10.97	11.64	11.69	-
3721	Aircraft .....	481.54	476.51	505.51	515.43	-	11.52	11.51	12.39	12.45	-
3724	Aircraft engines and engine parts .....	452.10	449.49	456.60	450.60	-	11.00	10.99	11.33	11.35	-
3728	Aircraft equipment, nec .....	419.42	420.46	448.80	444.56	-	10.01	9.94	10.61	10.61	-
373	Ship and boat building and repairing .....	375.01	379.60	413.50	382.46	-	9.47	9.49	10.11	9.96	-
3731	Shipbuilding and repairing .....	391.45	397.20	440.91	-	-	9.91	9.93	10.65	-	-
3732	Boat building and repairing .....	311.18	310.04	302.64	298.36	-	7.76	7.79	7.78	7.67	-
374	Railroad equipment .....	428.16	431.28	446.50	-	-	11.15	11.29	11.75	-	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>										
3531	Construction machinery	39.5	39.1	39.7	39.7	-	1.6	1.3	1.9	1.6	-
3532	Mining machinery	40.2	40.0	38.5	37.4	-	2.2	2.0	1.2	1.0	-
3533	Oil field machinery	45.4	44.7	39.4	39.2	-	5.2	5.3	2.0	1.9	-
3535	Conveyers and conveying equipment	40.1	39.7	38.0	38.0	-	2.7	1.9	1.1	1.3	-
3537	Industrial trucks and tractors	38.4	38.2	35.6	35.3	-	1.8	1.7	1.1	1.1	-
354	Metalworking machinery	41.1	40.5	40.0	39.5	-	3.3	3.1	2.6	2.6	-
3541	Machine tools, metal cutting types	40.6	39.7	37.9	37.3	-	3.0	2.6	1.3	1.4	-
3542	Machine tools, metal forming types	38.8	38.6	38.7	37.9	-	2.3	1.9	1.6	1.9	-
3544	Special dies, tools, jigs, and fixtures	41.9	41.6	41.0	40.7	-	4.4	4.4	3.8	3.6	-
3545	Machine tool accessories	39.8	39.3	39.1	38.6	-	1.8	1.9	1.5	1.4	-
3546	Power driven hand tools	42.4	41.2	40.4	40.0	-	2.7	1.8	2.2	2.0	-
355	Special industry machinery	40.2	40.2	39.3	39.0	-	2.5	2.4	2.0	1.8	-
3551	Food products machinery	40.2	39.7	39.7	39.4	-	2.4	2.4	2.4	2.0	-
3552	Textile machinery	38.8	38.4	37.7	37.1	-	1.9	1.4	1.5	1.3	-
3555	Printing trades machinery	40.6	40.6	38.7	38.7	-	2.8	2.8	1.9	1.8	-
356	General industrial machinery	40.2	39.8	39.2	38.9	-	2.4	2.1	1.6	1.6	-
3561	Pumps and pumping equipment	40.3	39.8	39.1	39.2	-	2.5	2.3	1.5	1.4	-
3562	Ball and roller bearings	40.7	39.8	41.0	40.1	-	2.5	2.1	2.1	2.0	-
3563	Air and gas compressors	41.6	40.6	39.9	39.2	-	3.2	2.7	1.8	1.7	-
3564	Blowers and fans	40.7	40.4	39.1	39.2	-	2.8	2.4	1.1	1.3	-
3566	Speed changers, drives, and gears	39.4	39.2	36.2	36.5	-	2.0	1.5	.7	1.0	-
3568	Power transmission equipment, nec	40.4	39.8	37.3	36.7	-	2.2	1.7	1.3	1.2	-
357	Office and computing machines	41.8	41.2	41.0	40.7	-	2.8	2.6	2.2	2.3	-
3573	Electronic computing equipment	42.2	41.6	41.0	41.0	-	3.1	2.9	2.5	2.6	-
358	Refrigeration and service machinery	40.0	39.7	39.6	39.3	-	1.7	1.6	1.4	1.6	-
3585	Refrigeration and heating equipment	39.3	39.6	39.8	39.9	-	1.7	1.5	1.4	1.8	-
359	Misc. machinery, except electrical	39.9	40.0	39.2	39.0	-	3.0	2.9	2.1	2.0	-
3592	Carburetors, pistons, rings, valves	39.9	38.9	39.1	39.4	-	1.6	1.3	1.6	1.4	-
3599	Machinery, except electrical, nec	39.9	40.2	39.2	39.0	-	3.2	3.1	2.2	2.1	-
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT</b>	39.8	39.5	39.7	39.3	40.1	1.9	1.8	1.8	1.9	-
361	Electric distributing equipment	39.5	39.2	39.1	38.9	-	1.9	1.8	1.4	1.5	-
3612	Transformers	39.3	38.5	38.9	39.1	-	2.2	2.0	1.4	1.6	-
3613	Switchgear and switchboard apparatus	39.7	39.7	39.2	38.8	-	1.7	1.6	1.5	1.4	-
362	Electrical industrial apparatus	39.8	38.9	39.1	39.0	-	1.8	1.6	1.3	1.8	-
3621	Motors and generators	40.1	39.7	40.1	40.3	-	1.9	1.7	1.6	2.1	-
3622	Industrial controls	39.5	37.7	38.2	37.4	-	1.7	1.2	1.0	1.3	-
363	Household appliances	38.1	37.9	38.9	38.5	-	1.1	1.0	1.4	1.4	-
3632	Household refrigerators and freezers	38.9	39.2	39.3	39.4	-	.9	.9	.8	.9	-
3633	Household laundry equipment	37.7	37.7	39.4	39.7	-	.7	.6	1.3	1.4	-
3634	Electric housewares and fans	36.6	36.1	38.4	37.3	-	1.0	.9	1.4	1.4	-
364	Electric lighting and wiring equipment	39.7	39.2	40.4	39.5	-	1.8	1.6	2.0	1.8	-
3641	Electric lamps	40.8	40.0	42.4	41.6	-	2.0	1.9	2.3	2.0	-
3643	Current-carrying wiring devices	39.4	39.2	40.8	38.7	-	2.0	1.7	2.2	1.6	-
3644	Noncurrent-carrying wiring devices	38.8	38.4	39.4	39.1	-	1.5	1.3	1.4	1.8	-
3645	Residential lighting fixtures	39.2	38.2	38.0	39.5	-	2.1	1.3	1.3	1.1	-
365	Radio and TV receiving equipment	39.0	39.1	38.8	38.5	-	.9	1.0	1.5	1.9	-
3651	Radio and TV receiving sets	38.4	38.7	38.5	38.9	-	.7	.8	1.5	2.2	-
366	Communication equipment	40.7	40.8	40.3	39.9	-	2.2	2.2	1.9	2.0	-
3661	Telephone and telegraph apparatus	40.4	40.2	39.9	39.4	-	2.0	1.7	1.7	1.8	-
3662	Radio and TV communication equipment	40.9	41.2	40.6	40.2	-	2.3	2.5	2.0	2.1	-
367	Electronic components and accessories	39.9	39.6	39.8	39.4	-	2.2	2.1	2.1	2.1	-
3671-3	Electronic tubes	40.6	40.4	41.0	39.6	-	1.9	2.0	1.7	1.8	-
3674	Semiconductors and related devices	40.3	39.8	39.8	39.7	-	2.6	2.2	2.7	2.3	-
3679	Electronic components, nec	39.9	39.9	39.9	39.6	-	2.1	2.2	2.0	2.2	-
369	Misc. electrical equipment and supplies	39.4	39.5	39.5	39.7	-	1.7	1.9	1.8	1.9	-
3691	Storage batteries	39.5	38.4	38.2	38.3	-	1.7	1.2	1.8	1.6	-
3694	Engine electrical equipment	37.6	38.6	39.2	39.7	-	1.1	1.7	1.5	2.1	-
37	<b>TRANSPORTATION EQUIPMENT</b>	40.4	40.4	41.1	40.9	41.5	2.4	2.4	2.7	3.0	-
371	Motor vehicles and equipment	40.0	39.9	41.4	41.7	-	1.9	1.9	2.8	3.3	-
3711	Motor vehicles and car bodies	40.4	39.9	41.2	41.8	-	1.9	1.7	3.1	3.6	-
3713	Truck and bus bodies	40.1	40.2	39.5	39.1	-	1.7	1.3	1.5	1.4	-
3714	Motor vehicle parts and accessories	39.9	40.1	42.0	42.1	-	1.9	2.3	2.8	3.4	-
3715	Truck trailers	38.3	37.9	39.0	38.2	-	1.1	.8	1.0	.9	-
372	Aircraft and parts	41.6	41.5	41.0	41.0	-	3.4	3.1	2.5	2.8	-
3721	Aircraft	41.8	41.4	40.8	41.4	-	3.2	2.7	2.2	2.7	-
3724	Aircraft engines and engine parts	41.1	40.9	40.3	39.7	-	3.7	3.4	2.6	2.7	-
3728	Aircraft equipment, nec	41.9	42.3	42.3	41.9	-	3.6	3.6	3.1	3.2	-
373	Ship and boat building and repairing	39.6	40.0	40.9	38.4	-	2.3	2.2	2.8	2.4	-
3731	Ship building and repairing	39.5	40.0	41.4	-	-	2.2	2.2	3.1	-	-
3732	Boat building and repairing	40.1	39.8	38.9	38.9	-	2.8	2.3	1.3	1.5	-
374	Railroad equipment	38.4	38.2	38.0	-	-	1.2	1.4	1.2	-	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>TRANSPORTATION EQUIPMENT—Continued</b>										
376	Guided missiles, space vehicles, parts .....	\$429.79	\$430.61	\$472.99	\$460.56	-	\$10.56	\$10.58	\$11.37	\$11.40	-
3761	Guided missiles and space vehicles .....	438.34	441.73	487.39	474.91	-	10.85	10.88	11.66	11.64	-
379	Miscellaneous transportation equipment .....	351.33	354.19	375.89	370.16	-	8.59	8.66	9.84	9.69	-
3792	Travel trailers and campers .....	281.51	294.10	318.72	323.53	-	7.35	7.58	8.30	8.36	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	317.60	320.80	351.75	346.42	\$354.31	7.94	8.00	8.75	8.77	\$8.77
381	Engineering and scientific instruments .....	334.96	336.18	362.09	356.25	-	8.23	8.26	8.81	8.84	-
382	Measuring and controlling devices .....	312.03	318.80	373.06	363.24	-	7.84	7.99	9.28	9.29	-
3822	Environmental controls .....	285.43	291.30	311.63	308.85	-	7.30	7.45	7.97	7.96	-
3823	Process control instruments .....	332.47	331.20	332.73	324.48	-	8.05	8.00	8.36	8.32	-
3825	Instruments to measure electricity .....	323.87	335.81	445.63	424.93	-	8.22	8.48	10.79	10.84	-
383	Optical instruments and lenses .....	344.02	343.16	377.45	372.80	-	8.35	8.19	9.03	8.94	-
384	Medical instruments and supplies .....	268.52	272.16	288.22	284.98	-	6.85	6.89	7.26	7.27	-
3841	Surgical and medical instruments .....	273.53	278.20	292.98	293.53	-	6.89	6.99	7.27	7.32	-
3842	Surgical appliances and supplies .....	266.08	268.03	285.71	279.46	-	6.84	6.82	7.27	7.24	-
385	Ophthalmic goods .....	234.24	238.17	242.65	241.30	-	5.93	5.91	6.27	6.35	-
386	Photographic equipment and supplies .....	434.66	436.13	450.43	453.50	-	10.55	10.56	11.04	11.17	-
387	Watches, clocks, and watchcases .....	233.14	231.57	236.98	236.36	-	6.04	6.11	6.22	6.22	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	241.54	244.58	259.68	253.34	263.14	6.29	6.32	6.71	6.72	6.73
391	Jewelry, silverware, and plated ware .....	251.63	258.10	263.38	258.47	-	6.71	6.81	7.08	7.24	-
3911	Jewelry, precious metal .....	249.61	254.61	255.53	248.50	-	6.82	6.90	7.02	7.10	-
393	Musical instruments .....	236.36	241.25	267.07	260.29	-	6.22	6.17	6.66	6.64	-
394	Toys and sporting goods .....	231.84	235.80	246.87	245.85	-	5.96	6.00	6.33	6.32	-
3942, 4	Dolls, games, toys, and children's vehicles .....	215.83	221.36	230.57	226.70	-	5.65	5.72	6.02	5.95	-
3949	Sporting and athletic goods, nec .....	244.28	246.93	258.98	260.31	-	6.20	6.22	6.54	6.59	-
395	Pens, pencils, office and art supplies .....	259.50	263.81	271.66	271.44	-	6.52	6.53	6.86	6.96	-
396	Costume jewelry and notions .....	205.59	204.91	214.51	198.80	-	5.34	5.35	5.66	5.68	-
3961	Costume jewelry .....	195.32	194.66	192.19	172.48	-	4.97	5.03	5.28	5.34	-
399	Miscellaneous manufactures .....	254.13	255.94	277.75	269.09	-	6.67	6.70	7.14	7.10	-
3993	Signs and advertising displays .....	278.02	282.94	299.53	297.60	-	7.24	7.33	7.78	7.75	-
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	307.28	303.81	315.12	311.47	312.62	7.74	7.79	8.08	8.09	8.12
201	Meat products .....	294.49	289.17	294.06	280.13	-	7.59	7.57	7.54	7.47	-
2011	Meat packing plants .....	367.43	364.75	368.58	348.65	-	8.94	8.94	8.86	8.76	-
2013	Sausages and other prepared meats .....	347.91	341.51	353.81	340.61	-	8.99	8.94	8.98	8.87	-
2016	Poultry dressing plants .....	182.81	177.91	188.44	182.35	-	5.05	5.04	5.22	5.24	-
202	Dairy products .....	319.16	323.18	336.13	334.84	-	7.90	7.96	8.32	8.35	-
2022	Cheese, natural and processed .....	287.93	292.89	305.33	304.90	-	7.44	7.51	7.91	7.94	-
2026	Fluid milk .....	337.42	338.66	353.53	352.23	-	8.17	8.22	8.56	8.57	-
203	Preserved fruits and vegetables .....	271.44	268.11	281.69	275.18	-	6.82	6.91	7.26	7.28	-
2032	Canned specialties .....	329.09	315.60	328.25	324.04	-	7.78	7.89	8.31	8.33	-
2033	Canned fruits and vegetables .....	275.32	270.51	292.04	284.63	-	6.97	7.10	7.45	7.53	-
2037	Frozen fruits and vegetables .....	250.57	253.59	265.16	256.97	-	6.28	6.42	6.73	6.64	-
204	Grain mill products .....	367.14	367.46	391.70	389.34	-	8.70	8.77	9.26	9.27	-
2041	Flour and other grain mill products .....	385.00	387.20	400.90	409.87	-	8.75	8.78	9.28	9.19	-
2048	*Prepared feeds, nec .....	293.44	288.69	325.82	317.15	-	7.02	6.99	7.49	7.48	-
205	Bakery products .....	307.63	307.63	317.58	324.60	-	8.16	8.16	8.63	8.61	-
2051	Bread, cake, and related products .....	306.23	306.61	315.45	323.64	-	8.21	8.22	8.69	8.70	-
2052	Cookies and crackers .....	313.58	310.81	323.09	327.66	-	8.02	7.99	8.48	8.38	-
206	Sugar and confectionery products .....	301.43	294.47	311.26	305.73	-	7.37	7.57	7.86	7.90	-
2061-3	Cane and beet sugar .....	351.09	339.09	392.26	400.68	-	8.30	8.90	9.08	9.45	-
2065	Confectionery products .....	259.38	258.80	251.47	246.99	-	6.55	6.67	6.76	6.73	-
207	Fats and oils .....	339.12	333.32	359.93	357.86	-	7.85	7.88	8.39	8.48	-
208	Beverages .....	382.85	382.15	386.10	389.65	-	9.50	9.53	9.90	9.94	-
2082	Malt beverages .....	561.59	554.27	539.57	546.72	-	12.91	12.89	13.29	13.40	-
2086	Bottled and canned soft drinks .....	274.17	276.12	286.51	291.84	-	7.03	7.08	7.52	7.60	-
209	Misc. foods and kindred products .....	260.26	253.13	259.56	264.99	-	6.76	6.75	7.19	7.28	-
21	<b>TOBACCO MANUFACTURES</b> .....	366.15	362.56	360.26	340.29	372.80	9.56	9.72	9.87	9.95	10.27
211	Cigarettes .....	436.57	419.63	443.31	403.26	-	11.31	11.22	12.28	12.22	-
22	<b>TEXTILE MILL PRODUCTS</b> .....	219.46	217.15	236.51	236.68	240.95	5.76	5.76	6.08	6.10	6.10
221	Weaving mills, cotton .....	225.13	218.14	252.89	251.37	-	5.94	5.96	6.37	6.38	-
222	Weaving mills, synthetics .....	232.10	222.77	257.36	258.30	-	6.06	6.07	6.57	6.49	-
223	Weaving and finishing mills, wool .....	245.18	247.05	250.90	243.07	-	5.98	6.10	6.32	6.33	-
224	Narrow fabric mills .....	215.46	214.93	224.01	216.00	-	5.32	5.32	5.70	5.76	-
225	Knitting mills .....	195.81	195.81	211.31	206.08	-	5.35	5.35	5.62	5.60	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
376	Guided missiles, space vehicles, parts .....	40.7	40.7	41.6	40.4	-	2.7	2.7	2.9	2.7	-
3761	Guided missiles and space vehicles .....	40.4	40.6	41.8	40.8	-	2.4	2.5	3.1	2.9	-
379	Miscellaneous transportation equipment .....	40.9	40.9	38.2	38.2	-	3.3	2.9	3.2	3.1	-
3792	Travel trailers and campers .....	38.3	38.8	38.4	38.7	-	1.8	1.6	1.6	1.7	-
<b>INSTRUMENTS AND RELATED PRODUCTS</b>											
38	Engineering and scientific instruments .....	40.0	40.1	40.2	39.5	40.4	1.9	1.9	1.5	1.5	-
381	Measuring and controlling devices .....	40.7	40.7	41.1	40.3	-	2.3	2.4	2.2	2.1	-
382	Environmental controls .....	39.8	39.9	40.2	39.1	-	1.5	1.5	1.2	1.1	-
3822	Process control instruments .....	39.1	39.1	39.1	38.8	-	1.3	1.0	1.8	1.5	-
3823	Instruments to measure electricity .....	41.3	41.4	39.8	39.0	-	2.1	2.0	1.0	.9	-
3825	Optical instruments and lenses .....	39.4	39.6	41.3	39.2	-	1.2	1.3	1.1	1.0	-
383	Medical instruments and supplies .....	41.2	41.9	41.8	41.7	-	2.5	2.7	2.0	2.1	-
384	Surgical and medical instruments .....	39.2	39.5	39.7	39.2	-	2.0	2.1	1.7	1.7	-
3841	Surgical appliances and supplies .....	39.7	39.8	40.3	40.1	-	2.1	2.5	1.9	2.1	-
3842	Ophthalmic goods .....	38.9	39.3	39.3	38.6	-	2.1	1.8	1.6	1.4	-
385	Photographic equipment and supplies .....	39.5	40.3	38.7	38.0	-	1.2	1.6	.9	1.0	-
386	Watches, clocks, and watchcases .....	41.2	41.3	40.8	40.6	-	2.5	2.5	1.3	1.4	-
387	Watches, clocks, and watchcases .....	38.6	37.9	38.1	38.0	-	1.5	1.3	3.1	2.3	-
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>											
39	Jewelry, silverware, and plated ware .....	38.4	38.7	38.7	37.7	39.1	1.6	1.6	1.6	1.5	-
391	Jewelry, precious metal .....	37.5	37.9	37.2	35.7	-	1.4	1.6	1.4	1.2	-
3911	Musical instruments .....	36.6	36.9	36.4	35.0	-	1.5	1.4	1.3	1.2	-
393	Toys and sporting goods .....	38.0	39.1	40.1	39.2	-	.8	.9	1.1	1.1	-
394	Dolls, games, toys, and children's vehicles .....	38.9	39.3	39.0	38.9	-	1.5	1.6	1.6	1.8	-
3942, 4	Sporting and athletic goods, nec .....	38.2	38.7	38.3	38.1	-	1.0	1.1	1.3	1.3	-
3949	Pens, pencils, office and art supplies .....	39.4	39.7	39.6	39.5	-	1.9	2.1	1.8	2.2	-
395	Costume jewelry and notions .....	39.8	40.4	39.6	39.0	-	1.8	2.0	1.6	1.5	-
396	Costume jewelry and notions .....	38.5	38.3	37.9	35.0	-	2.4	1.7	2.0	1.3	-
3961	Miscellaneous manufactures .....	39.3	38.7	36.4	32.3	-	3.3	2.1	2.5	1.3	-
399	Signs and advertising displays .....	38.1	38.2	38.9	37.9	-	1.5	1.5	1.7	1.6	-
3993	Signs and advertising displays .....	38.4	38.6	38.5	38.4	-	2.0	2.2	1.9	1.8	-
<b>NONDURABLE GOODS</b>											
<b>FOOD AND KINDRED PRODUCTS</b>											
20	Meat products .....	39.7	39.0	39.0	38.5	38.5	3.4	3.1	3.1	2.9	-
201	Meat packing plants .....	38.8	38.2	39.0	37.5	-	3.2	3.0	3.2	2.7	-
2011	Sausages and other prepared meats .....	41.1	40.8	41.6	39.8	-	4.1	4.0	4.3	3.5	-
2013	Poultry dressing plants .....	38.7	38.2	39.4	38.4	-	2.9	2.6	2.9	2.6	-
2016	Dairy products .....	36.2	35.3	36.1	34.8	-	2.2	2.0	2.2	1.9	-
202	Cheese, natural and processed .....	40.4	40.6	40.4	40.1	-	3.5	3.4	3.3	3.3	-
2022	Fluid milk .....	38.7	39.0	38.6	38.4	-	2.9	2.7	3.0	3.0	-
2026	Preserved fruits and vegetables .....	41.3	41.2	41.3	41.1	-	3.9	3.8	3.8	3.7	-
203	Canned specialties .....	39.8	38.8	38.8	37.8	-	3.1	2.6	3.1	2.5	-
2032	Canned fruits and vegetables .....	42.3	40.0	39.5	38.9	-	3.8	2.8	4.3	2.9	-
2033	Frozen fruits and vegetables .....	39.5	38.1	39.2	37.8	-	2.7	2.4	2.5	1.8	-
2037	Grain mill products .....	39.9	39.5	39.4	38.7	-	4.1	3.1	4.0	2.7	-
204	Flour and other grain mill products .....	42.2	41.9	42.3	42.0	-	4.9	4.7	5.0	4.6	-
2041	Prepared feeds, nec .....	44.0	44.1	43.2	44.6	-	5.6	5.5	6.2	6.0	-
2048	Bakery products .....	41.8	41.3	43.5	42.4	-	4.9	4.3	5.4	4.9	-
205	Bread, cake, and related products .....	37.7	37.7	36.8	37.7	-	2.8	2.7	2.3	2.7	-
2051	Cookies and crackers .....	37.3	37.3	36.3	37.2	-	3.0	2.9	2.2	2.7	-
2052	Sugar and confectionery products .....	39.1	38.9	38.1	39.1	-	2.3	2.2	2.5	2.9	-
206	Cane and beet sugar .....	40.9	38.9	39.6	38.7	-	2.9	2.2	2.8	2.6	-
2061-3	Confectionery products .....	42.3	38.1	43.2	42.4	-	4.4	3.1	5.5	5.1	-
2065	Fats and oils .....	39.6	38.8	37.2	36.7	-	2.2	1.7	1.4	1.6	-
207	Beverages .....	43.2	42.3	42.9	42.2	-	5.2	4.7	4.8	4.4	-
208	Malt beverages .....	40.3	40.1	39.0	39.2	-	3.7	3.7	2.8	2.9	-
2082	Bottled and canned soft drinks .....	43.5	43.0	40.6	40.8	-	6.0	5.8	4.6	4.8	-
2086	Misc. foods and kindred products .....	39.0	39.0	38.1	38.4	-	2.9	3.1	2.1	2.1	-
209	Misc. foods and kindred products .....	38.5	37.5	36.1	36.4	-	3.0	2.7	2.4	2.5	-
<b>TOBACCO MANUFACTURES</b>											
21	Cigarettes .....	38.3	37.3	36.5	34.2	36.3	1.3	.9	1.2	.7	-
211	Cigarettes .....	38.6	37.4	36.1	33.0	-	1.5	.9	.9	.5	-
<b>TEXTILE MILL PRODUCTS</b>											
22	Weaving mills, cotton .....	38.1	37.7	38.9	38.8	39.5	2.1	2.1	2.6	2.7	-
221	Weaving mills, synthetics .....	37.9	36.6	39.7	39.4	-	2.3	2.2	3.2	3.3	-
222	Weaving and finishing mills, wool .....	38.3	36.7	39.9	39.8	-	2.3	2.0	2.4	2.5	-
223	Narrow fabric mills .....	41.0	40.5	39.7	38.4	-	3.7	3.8	3.6	3.6	-
224	Knitting mills .....	40.5	40.4	39.3	37.5	-	2.1	2.0	1.6	1.7	-
225	Knitting mills .....	36.6	36.6	37.6	36.8	-	1.6	1.7	2.2	2.0	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
<b>TEXTILE MILL PRODUCTS—Continued</b>											
2251	Women's hosiery, except socks	\$194.16	\$187.31	\$215.99	\$204.50	-	\$5.15	\$5.09	\$5.51	\$5.41	-
2252	Hosiery, nec	182.94	180.03	198.69	197.83	-	5.11	5.10	5.37	5.42	-
2253	Knit outerwear mills	188.48	189.69	197.64	189.51	-	5.25	5.24	5.49	5.43	-
2254	Knit underwear mills	178.02	172.86	194.51	189.39	-	5.19	5.16	5.30	5.32	-
2257	Circular knit fabric mills	230.30	238.39	249.20	251.47	-	5.86	5.93	6.23	6.24	-
226	Textile finishing, except wool	253.98	255.84	252.33	260.29	-	6.12	6.15	6.47	6.54	-
2281	Finishing plants, cotton	270.40	272.00	253.10	265.83	-	6.09	6.14	6.54	6.58	-
2282	Finishing plants, synthetics	250.88	247.81	259.29	266.95	-	6.40	6.42	6.70	6.81	-
227	Floor covering mills	224.41	223.61	240.33	247.78	-	5.89	5.90	6.21	6.21	-
228	Yarn and thread mills	201.79	203.25	223.26	227.52	-	5.41	5.42	5.71	5.76	-
2281	Yarn mills, except wool	201.25	204.33	224.80	230.00	-	5.41	5.42	5.72	5.75	-
2282	Throwing and winding mills	195.98	190.53	209.21	206.83	-	5.24	5.22	5.52	5.56	-
229	Miscellaneous textile goods	250.83	249.25	266.40	268.94	-	6.35	6.31	6.66	6.69	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	180.58	180.77	187.44	184.07	\$189.04	5.13	5.15	5.31	5.32	\$5.31
231	Men's and boys' suits and coats	214.80	211.09	213.06	195.23	-	5.95	5.98	6.07	6.12	-
232	Men's and boys' furnishings	169.46	169.10	177.35	174.80	-	4.76	4.75	4.94	4.91	-
2321	Men's and boys' shirts and nightwear	168.80	166.01	168.27	166.50	-	4.65	4.65	4.74	4.73	-
2327	Men's and boys' separate trousers	175.09	174.97	184.33	179.50	-	4.85	4.82	5.05	5.00	-
2328	Men's and boys' work clothing	164.85	163.22	178.20	174.80	-	4.67	4.65	4.95	4.91	-
233	Women's and misses' outerwear	171.70	171.87	176.59	173.11	-	5.08	5.10	5.24	5.23	-
2331	Women's and misses' blouses and waists	161.84	164.78	168.22	164.61	-	4.76	4.79	4.89	4.87	-
2335	Women's and misses' dresses	174.20	174.68	177.02	174.85	-	5.20	5.23	5.43	5.43	-
2337	Women's and misses' suits and coats	180.40	182.57	189.66	183.54	-	5.50	5.67	5.73	5.70	-
2339	Women's and misses' outerwear, nec	169.94	168.41	175.93	171.70	-	4.94	4.91	5.07	5.05	-
234	Women's and children's undergarments	163.68	163.31	169.53	164.36	-	4.69	4.72	4.83	4.82	-
2341	Women's and children's underwear	161.00	161.59	168.26	161.36	-	4.60	4.63	4.78	4.76	-
2342	Brassieres and allied garments	177.15	169.95	177.83	178.69	-	5.12	5.15	5.11	5.12	-
236	Children's outerwear	171.96	164.95	174.47	168.22	-	4.79	4.74	4.78	4.82	-
2361	Children's dresses and blouses	166.37	160.01	175.28	167.52	-	4.74	4.72	4.75	4.80	-
238	Misc. apparel and accessories	182.94	186.79	189.38	182.70	-	5.11	5.16	5.29	5.25	-
239	Misc. fabricated textile products	218.67	224.10	233.50	238.38	-	5.91	5.96	6.21	6.34	-
2391	Curtains and draperies	148.39	150.48	172.80	171.11	-	4.58	4.63	4.80	4.82	-
2392	House furnishing, nec	190.69	197.76	203.52	199.50	-	5.14	5.15	5.37	5.32	-
2396	Automotive and apparel trimmings	399.90	395.26	432.28	456.78	-	10.36	10.24	10.78	11.06	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	377.58	376.55	402.82	396.62	402.82	8.99	9.03	9.66	9.65	9.66
261, 2, 6	Paper and pulp mills	465.76	461.39	491.99	490.85	-	10.49	10.51	11.31	11.31	-
262	Paper mills, except building paper	469.35	465.62	495.88	494.50	-	10.43	10.44	11.27	11.29	-
263	Paperboard mills	467.72	467.19	497.46	491.10	-	10.63	10.74	11.65	11.61	-
264	Misc. converted paper products	323.57	321.19	347.24	342.23	-	7.95	7.97	8.49	8.45	-
2641	Paper coating and glazing	382.12	381.85	406.40	399.53	-	8.97	9.07	9.54	9.49	-
2642	Envelopes	298.89	296.74	318.74	308.90	-	7.38	7.40	7.87	7.84	-
2643	Bags, except textile bags	304.21	302.35	323.90	323.14	-	7.53	7.54	7.90	7.92	-
265	Paperboard containers and boxes	317.95	319.58	339.73	328.32	-	7.87	7.93	8.43	8.44	-
2651	Folding paperboard boxes	321.53	326.79	348.94	339.78	-	7.90	7.99	8.68	8.69	-
2653	Corrugated and solid fiber boxes	336.60	335.36	351.08	341.43	-	8.25	8.26	8.69	8.71	-
2654	Sanitary food containers	303.32	312.30	330.05	316.40	-	7.38	7.58	8.05	7.99	-
27	<b>PRINTING AND PUBLISHING</b>	317.58	318.69	332.42	329.57	339.90	8.56	8.59	8.96	8.98	9.04
271	Newspapers	288.64	288.86	298.40	299.39	-	8.80	8.78	9.07	9.10	-
272	Periodicals	336.69	330.72	349.98	336.17	-	8.70	8.59	9.21	9.16	-
273	Books	296.78	296.42	315.98	314.77	-	7.81	7.78	8.25	8.24	-
2731	Book publishing	290.32	290.70	297.60	307.20	-	7.62	7.61	8.00	8.00	-
2732	Book printing	303.58	302.48	337.39	324.14	-	8.01	7.96	8.52	8.53	-
274	Miscellaneous publishing	282.29	283.11	288.15	302.57	-	7.65	7.59	7.96	8.09	-
275	Commercial printing	338.69	343.93	353.35	350.95	-	8.82	8.91	9.25	9.26	-
2751	Commercial printing, letterpress	315.47	317.60	331.88	335.91	-	8.28	8.38	8.85	8.91	-
2752	Commercial printing, lithographic	350.87	357.10	362.29	356.82	-	9.09	9.18	9.41	9.39	-
276	Manifold business forms	336.26	333.52	373.19	358.66	-	8.47	8.53	9.08	9.08	-
278	Blankbooks and bookbinding	248.44	252.32	279.50	261.85	-	6.59	6.64	7.13	7.02	-
279	Printing trade services	412.42	402.42	411.64	415.15	-	10.74	10.59	10.89	11.13	-
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	397.85	395.20	423.32	427.00	433.26	9.68	9.71	10.35	10.44	10.44
281	Industrial inorganic chemicals	443.56	429.60	466.09	468.05	-	10.74	10.74	11.48	11.50	-
2819	Industrial inorganic chemicals, nec	446.13	428.76	470.90	471.24	-	10.75	10.80	11.57	11.55	-
282	Plastics materials and synthetics	388.27	380.95	417.18	423.72	-	9.47	9.50	10.25	10.36	-
2821	Plastics materials and resins	425.94	417.58	459.12	466.62	-	10.19	10.26	11.01	11.19	-
2824	Organic fibers, noncellulosic	365.22	358.89	395.34	400.66	-	9.04	9.04	9.81	9.82	-
283	Drugs	369.15	366.38	391.64	397.03	-	8.96	8.98	9.46	9.66	-
2834	Pharmaceutical preparations	347.90	346.23	374.24	373.93	-	8.59	8.57	9.15	9.21	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>TEXTILE MILL PRODUCTS—Continued</b>										
2251	Women's hosiery, except socks	37.7	36.8	39.2	37.8	-	2.2	1.6	3.1	2.0	-
2252	Hosiery, nec	35.8	35.3	37.0	36.5	-	1.3	1.1	1.6	1.6	-
2253	Knit outerwear mills	35.9	36.2	36.0	34.9	-	1.4	1.5	2.0	1.6	-
2254	Knit underwear mills	34.3	33.5	36.7	35.6	-	.6	.3	1.4	1.3	-
2257	Circular knit fabric mills	39.3	40.2	40.0	40.3	-	2.3	3.0	3.4	3.4	-
226	Textile finishing, except wool	41.5	41.6	39.0	39.8	-	2.7	3.3	2.5	3.3	-
2261	Finishing plants, cotton	44.4	44.3	38.7	40.4	-	2.6	3.1	2.4	3.8	-
2262	Finishing plants, synthetics	39.2	38.6	38.7	39.2	-	2.7	2.9	2.9	3.4	-
227	Floor covering mills	38.1	37.9	38.7	39.9	-	1.6	1.5	2.5	3.1	-
228	Yarn and thread mills	37.3	37.5	39.1	39.5	-	2.0	2.1	2.7	3.1	-
2281	Yarn mills, except wool	37.2	37.7	39.3	40.0	-	2.1	2.2	2.9	3.4	-
2282	Throwing and winding mills	37.4	36.5	37.9	37.2	-	1.6	1.4	2.3	2.4	-
229	Miscellaneous textile goods	39.5	39.5	40.0	40.2	-	2.7	2.6	2.5	2.3	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	35.2	35.1	35.3	34.6	35.6	1.0	1.0	1.0	1.0	-
231	Men's and boys' suits and coats	36.1	35.3	35.1	31.9	-	.9	.9	.5	.3	-
232	Men's and boys' furnishings	35.6	35.6	35.9	35.6	-	.9	.8	1.0	1.0	-
2321	Men's and boys' shirts and nightwear	36.3	35.7	35.5	35.2	-	1.1	.9	1.0	.8	-
2327	Men's and boys' separate trousers	36.1	36.3	36.5	35.9	-	1.4	.9	1.4	1.1	-
2328	Men's and boys' work clothing	35.3	35.1	36.0	35.6	-	.6	.6	1.0	1.2	-
233	Women's and misses' outerwear	33.8	33.7	33.7	33.1	-	1.0	1.0	1.0	1.0	-
2331	Women's and misses' blouses and waists	34.0	34.4	34.4	33.8	-	.9	1.1	1.1	1.1	-
2335	Women's and misses' dresses	33.5	33.4	32.6	32.2	-	.9	.9	.9	.8	-
2337	Women's and misses' suits and coats	32.8	32.2	33.1	32.2	-	.9	.8	.8	.7	-
2339	Women's and misses' outerwear, nec	34.4	34.3	34.7	34.0	-	1.1	1.2	1.1	1.1	-
234	Women's and children's undergarments	34.9	34.6	35.1	34.1	-	.9	.9	.7	.5	-
2341	Women's and children's underwear	35.0	34.9	35.2	33.9	-	.9	1.0	.8	.6	-
2342	Brassieres and allied garments	34.6	33.0	34.8	34.9	-	.7	.5	.4	.3	-
236	Children's outerwear	35.9	34.8	36.5	34.9	-	1.3	.9	1.2	1.1	-
2361	Children's dresses and blouses	35.1	33.9	36.9	34.9	-	1.2	.8	1.3	1.1	-
238	Misc. apparel and accessories	35.8	36.2	35.8	34.8	-	1.0	1.2	1.1	1.1	-
239	Misc. fabricated textile products	37.0	37.6	37.6	37.6	-	1.4	1.6	1.3	1.6	-
2391	Curtains and draperies	32.4	32.5	36.0	35.5	-	.7	.8	.3	.3	-
2392	House furnishings, nec	37.1	38.4	37.9	37.5	-	1.4	1.9	1.8	1.6	-
2396	Automotive and apparel trimmings	38.6	38.6	40.1	41.3	-	1.5	1.4	2.1	3.5	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	42.0	41.7	41.7	41.1	41.7	4.1	3.9	3.9	3.8	-
261, 2, 6	Paper and pulp mills	44.4	43.9	43.5	43.4	-	5.9	5.7	5.6	5.6	-
262	Paper mills, except building paper	45.0	44.6	44.0	43.8	-	6.1	5.9	5.8	5.7	-
263	Paperboard mills	44.0	43.5	42.7	42.3	-	7.4	7.1	6.0	6.2	-
264	Misc. converted paper products	40.7	40.3	40.9	40.5	-	2.6	2.3	2.6	2.6	-
2641	Paper coating and glazing	42.6	42.1	42.6	42.1	-	2.6	2.2	2.4	2.3	-
2642	Envelopes	40.5	40.1	40.5	39.4	-	2.4	2.2	2.3	1.9	-
2643	Bags, except textile bags	40.4	40.1	41.0	40.8	-	2.8	2.5	3.0	3.0	-
265	Paperboard containers and boxes	40.4	40.3	40.3	38.9	-	2.7	2.7	2.8	2.5	-
2651	Folding paperboard boxes	40.7	40.9	40.2	39.1	-	2.6	3.0	2.5	2.3	-
2653	Corrugated and solid fiber boxes	40.8	40.6	40.4	39.2	-	3.1	3.1	3.4	3.0	-
2654	Sanitary food containers	41.1	41.2	41.0	39.6	-	2.4	2.7	2.1	2.0	-
27	<b>PRINTING AND PUBLISHING</b>	37.1	37.1	37.1	36.7	37.6	2.3	2.3	2.2	2.1	-
271	Newspapers	32.8	32.9	32.9	32.9	-	1.4	1.2	1.1	1.2	-
272	Periodicals	38.7	38.5	38.0	36.7	-	2.9	2.6	2.7	2.1	-
273	Books	38.0	38.1	38.3	38.2	-	2.5	2.7	2.4	2.2	-
2731	Book publishing	38.1	38.2	37.2	38.4	-	1.4	1.7	1.3	1.4	-
2732	Book printing	37.9	38.0	39.6	38.0	-	3.8	3.7	3.6	3.2	-
274	Miscellaneous publishing	36.9	37.3	36.2	37.4	-	1.5	1.5	1.3	2.0	-
275	Commercial printing	38.4	38.6	38.2	37.9	-	2.7	2.9	2.5	2.5	-
2751	Commercial printing, letterpress	38.1	37.9	37.5	37.7	-	2.0	2.2	2.1	2.4	-
2752	Commercial printing, lithographic	38.6	38.9	38.5	38.0	-	3.0	3.2	2.7	2.4	-
276	Manifold business forms	39.7	39.1	41.1	39.5	-	2.4	2.1	3.1	2.3	-
278	Blankbooks and bookbinding	37.7	38.0	39.2	37.3	-	1.2	1.5	2.6	1.5	-
279	Printing trade service	38.4	38.0	37.8	37.3	-	3.6	3.1	3.1	2.9	-
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	41.1	40.7	40.9	40.9	41.5	2.8	2.7	2.7	2.8	-
281	Industrial inorganic chemicals	41.3	40.0	40.6	40.7	-	3.2	2.8	2.5	2.6	-
2819	Industrial inorganic chemicals, nec	41.5	39.7	40.7	40.8	-	3.4	2.9	2.6	2.7	-
282	Plastics materials and synthetics	41.0	40.1	40.7	40.9	-	2.6	2.3	2.4	3.0	-
2821	Plastics materials and resins	41.8	40.7	41.7	41.7	-	3.3	2.9	3.0	3.7	-
2824	Organic fibers, noncellulosic	40.4	39.7	40.3	40.8	-	1.8	1.7	2.0	2.4	-
283	Drugs	41.2	40.8	41.4	41.1	-	2.7	2.6	3.0	2.9	-
2834	Pharmaceutical preparations	40.5	40.4	40.9	40.6	-	2.6	2.6	2.9	2.8	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
284	Soap, cleaners, and toilet goods .....	\$363.78	\$362.30	\$386.72	\$388.24	-	\$8.96	\$8.99	\$9.62	\$9.61	-
2841	Soap and other detergents .....	496.65	494.47	518.22	526.49	-	11.55	11.58	12.28	12.33	-
2844	Toilet preparations .....	282.03	275.22	299.15	302.63	-	7.14	7.13	7.71	7.74	-
2842, 3	Polishing, sanitation, and finishing preparations .....	339.83	344.80	363.71	359.29	-	8.56	8.62	9.07	9.05	-
285	Paints and allied products .....	331.57	340.10	362.61	368.80	-	8.48	8.61	9.18	9.22	-
286	Industrial organic chemicals .....	472.88	479.03	510.41	517.08	-	11.34	11.46	12.24	12.40	-
2865	Cyclic crudes and intermediates .....	447.95	454.86	476.24	484.33	-	10.82	10.83	11.73	11.90	-
2861, 9	Gum, wood, and industrial organic chemicals, nec .....	481.12	487.81	522.04	527.10	-	11.51	11.67	12.40	12.55	-
287	Agricultural chemicals .....	403.94	396.68	413.92	419.67	-	9.46	9.40	9.95	10.04	-
289	Miscellaneous chemical products .....	363.69	365.81	383.40	379.60	-	8.98	9.01	9.49	9.49	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	518.64	522.37	572.90	573.29	\$576.39	12.29	12.32	13.17	13.24	\$13.22
291	Petroleum refining .....	559.42	563.71	618.72	619.23	-	13.04	13.14	14.03	14.17	-
295	Paving and roofing materials .....	340.65	349.40	392.59	386.74	-	8.69	8.67	9.46	9.23	-
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b> .....	298.85	295.77	316.39	312.44	321.91	7.49	7.45	7.89	7.89	7.89
301	Tires and inner tubes .....	476.68	468.12	501.48	493.12	-	11.57	11.53	11.94	11.94	-
302	Rubber and plastics footwear .....	201.98	199.56	196.50	185.28	-	5.26	5.13	5.24	5.09	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting .....	324.80	321.60	324.75	325.20	-	8.12	8.02	8.18	8.13	-
306	Fabricated rubber products, nec .....	281.78	281.16	293.18	293.22	-	7.08	7.10	7.46	7.48	-
307	Miscellaneous plastics products .....	268.37	269.28	288.80	286.38	-	6.76	6.80	7.22	7.25	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	184.27	186.54	197.26	191.20	200.55	5.22	5.24	5.51	5.51	5.54
311	Leather tanning and finishing .....	273.92	270.27	293.38	288.28	-	6.97	7.02	7.39	7.43	-
314	Footwear, except rubber .....	173.69	176.59	183.92	177.11	-	5.02	5.06	5.24	5.24	-
3143	Men's footwear, except athletic .....	184.98	189.04	193.60	190.30	-	5.27	5.31	5.50	5.50	-
3144	Women's footwear, except athletic .....	164.94	165.80	177.48	167.42	-	4.88	4.92	5.10	5.12	-
316	Luggage .....	182.71	185.76	250.25	239.65	-	5.52	5.40	6.50	6.53	-
317	Handbags and personal leather goods .....	178.12	179.95	186.52	182.98	-	4.88	4.89	5.21	5.14	-
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	397.10	392.73	409.43	408.66	411.09	10.13	10.07	10.69	10.67	10.65
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class 1 railroads <sup>1</sup> .....	500.02	483.52	506.21	-	-	11.39	11.09	12.53	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	232.32	234.77	242.95	234.72	-	7.04	7.05	7.34	7.20	-
411	Local and suburban transportation .....	299.02	298.70	319.20	319.95	-	7.57	7.62	8.00	8.10	-
413	Intercity highway transportation .....	385.58	377.31	-	-	-	11.08	11.13	-	-	-
42	<b>TRUCKING AND WAREHOUSING</b> .....	393.72	392.70	387.46	392.70	-	10.20	10.20	10.36	10.50	-
421, 3	Trucking and trucking terminals .....	403.25	401.17	395.69	402.00	-	10.42	10.42	10.58	10.72	-
422	Public warehousing .....	266.96	268.46	278.25	277.14	-	7.10	7.14	7.42	7.47	-
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b> .....	504.48	514.54	588.94	564.10	-	12.04	12.05	13.89	13.86	-
48	<b>COMMUNICATION</b> .....	392.82	389.86	414.18	411.38	-	9.97	9.92	10.62	10.63	-
481	Telephone communication .....	410.65	407.25	440.10	437.58	-	10.37	10.31	11.17	11.22	-
4817	Switchboard operating employees <sup>3</sup> .....	291.98	282.74	315.54	328.64	-	8.69	8.62	9.62	9.81	-
4818	Line construction employees <sup>4</sup> .....	510.43	505.06	540.14	534.56	-	12.01	11.94	12.83	12.85	-
483	Radio and television broadcasting .....	315.83	316.30	329.22	326.88	-	8.49	8.48	8.85	8.74	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> ..	437.41	434.06	464.02	463.20	-	10.54	10.51	11.29	11.27	-
491	Electric services .....	443.50	442.44	468.03	464.43	-	10.61	10.61	11.36	11.30	-
492	Gas production and distribution .....	395.79	390.17	422.50	418.41	-	9.63	9.61	10.23	10.23	-
493	Combination utility services .....	497.59	492.30	532.44	537.66	-	11.99	11.92	13.05	13.05	-
495	Sanitary services .....	336.56	333.73	375.36	367.77	-	8.31	8.22	8.98	8.97	-
-	<b>WHOLESALE AND RETAIL TRADE</b> .....	194.66	194.66	202.22	199.92	204.16	6.16	6.16	6.44	6.47	6.42
50, 51	<b>WHOLESALE TRADE</b> .....	303.31	303.72	320.26	315.33	317.51	7.94	7.93	8.34	8.32	8.29
50	<b>WHOLESALE TRADE-DURABLE GOODS</b> .....	304.15	305.74	320.88	315.59	-	7.90	7.88	8.27	8.24	-
501	Motor vehicles and automotive equipment .....	269.51	272.03	283.08	278.25	-	7.13	7.14	7.43	7.42	-
502	Furniture and home furnishings .....	264.89	269.33	281.23	280.09	-	7.14	7.24	7.56	7.57	-
503	Lumber and construction materials .....	299.00	299.11	307.23	297.65	-	7.91	7.83	7.98	7.98	-
504	Sporting goods, toys, and hobby goods .....	322.88	323.29	334.90	329.25	-	8.61	8.53	8.79	8.78	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
284	Soap, cleaners, and toilet goods .....	40.6	40.3	40.2	40.4	-	2.4	2.5	2.8	2.8	-
2841	Soap and other detergents .....	43.0	42.7	42.2	42.7	-	3.8	3.8	4.4	4.7	-
2844	Toilet preparations .....	39.5	38.6	38.8	39.1	-	1.8	1.8	1.7	1.7	-
2842, 3	Polishing, sanitation, and finishing preparations .....	39.7	40.0	40.1	39.7	-	1.9	2.2	2.4	2.3	-
285	Paints and allied products .....	39.1	39.5	39.5	40.0	-	1.7	1.9	2.1	2.3	-
288	Industrial organic chemicals .....	41.7	41.8	41.7	41.7	-	3.0	2.9	2.8	2.8	-
2885	Cyclic crudes and intermediates .....	41.4	42.0	40.6	40.7	-	2.2	2.5	2.6	2.7	-
2881, 9	Gum, wood, and industrial organic chemicals, nec .....	41.8	41.8	42.1	42.0	-	3.2	3.1	2.8	2.8	-
287	Agricultural chemicals .....	42.7	42.2	41.6	41.8	-	4.5	4.4	3.5	3.7	-
289	Miscellaneous chemical products .....	40.5	40.6	40.4	40.0	-	2.6	2.8	2.4	2.3	-
	<b>PETROLEUM AND COAL PRODUCTS</b> .....	42.2	42.4	43.5	43.3	43.6	3.3	3.2	3.4	3.5	-
291	Petroleum refining .....	42.9	42.9	44.1	43.7	-	3.5	3.3	3.3	3.2	-
295	Paving and roofing materials .....	39.2	40.3	41.5	41.9	-	3.0	3.5	5.0	5.8	-
	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b> .....	39.9	39.7	40.1	39.6	40.8	2.6	2.5	2.6	2.6	-
301	Tires and inner tubes .....	41.2	40.6	42.0	41.3	-	2.8	2.3	2.4	2.3	-
302	Rubber and plastics footwear .....	38.4	38.9	37.5	36.4	-	2.0	1.7	1.0	.9	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting .....	40.0	40.1	39.7	40.0	-	2.3	2.1	1.8	2.0	-
306	Fabricated rubber products, nec .....	39.8	39.6	39.3	39.2	-	2.3	2.2	2.1	2.1	-
307	Miscellaneous plastics products .....	39.7	39.6	40.0	39.5	-	2.7	2.7	2.8	2.9	-
	<b>LEATHER AND LEATHER PRODUCTS</b> .....	35.3	35.6	35.8	34.7	36.2	1.1	1.2	1.1	.9	-
311	Leather tanning and finishing .....	39.3	38.5	39.7	38.8	-	2.8	2.7	3.0	2.6	-
314	Footwear, except rubber .....	34.6	34.9	35.1	33.8	-	.9	1.0	.8	.6	-
3143	Men's footwear, except athletic .....	35.1	35.6	35.2	34.6	-	.9	.9	.4	.4	-
3144	Women's footwear, except athletic .....	33.8	33.7	34.8	32.7	-	.9	.9	1.0	.7	-
316	Luggage .....	33.1	34.4	38.5	36.7	-	.8	1.0	2.6	2.2	-
317	Handbags and personal leather goods .....	36.5	36.8	35.8	35.6	-	.9	.9	.6	.8	-
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	39.2	39.0	38.3	38.3	38.6	-	-	-	-	-
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup> .....	43.9	43.6	40.4	-	-	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	33.0	33.3	33.1	32.6	-	-	-	-	-	-
411	Local and suburban transportation .....	39.5	39.2	39.9	39.5	-	-	-	-	-	-
413	Intercity highway transportation .....	34.8	33.9	-	-	-	-	-	-	-	-
	<b>TRUCKING AND WAREHOUSING</b> .....	38.6	38.5	37.4	37.4	-	-	-	-	-	-
421, 3	Trucking and trucking terminals .....	38.7	38.5	37.4	37.5	-	-	-	-	-	-
422	Public warehousing .....	37.6	37.6	37.5	37.1	-	-	-	-	-	-
	<b>PIPE LINES, EXCEPT NATURAL GAS</b> .....	41.9	42.7	42.4	40.7	-	-	-	-	-	-
	<b>COMMUNICATION</b> .....	39.4	39.3	39.0	38.7	-	-	-	-	-	-
481	Telephone communication .....	39.6	39.5	39.4	39.0	-	-	-	-	-	-
4817	Switchboard operating employees <sup>3</sup> .....	33.6	32.8	32.8	33.5	-	-	-	-	-	-
4818	Line construction employees <sup>4</sup> .....	42.5	42.3	42.1	41.6	-	-	-	-	-	-
483	Radio and television broadcasting .....	37.2	37.3	37.2	37.4	-	-	-	-	-	-
	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> .....	41.5	41.3	41.1	41.1	-	-	-	-	-	-
491	Electric services .....	41.8	41.7	41.2	41.1	-	-	-	-	-	-
492	Gas production and distribution .....	41.1	40.6	41.3	40.9	-	-	-	-	-	-
493	Combination utility services .....	41.5	41.3	40.8	41.2	-	-	-	-	-	-
495	Sanitary services .....	40.5	40.6	41.8	41.0	-	-	-	-	-	-
	<b>WHOLESALE AND RETAIL TRADE</b> .....	31.6	31.6	31.4	30.9	31.8	-	-	-	-	-
50, 51	<b>WHOLESALE TRADE</b> .....	38.2	38.3	38.4	37.9	38.3	-	-	-	-	-
	<b>WHOLESALE TRADE-DURABLE GOODS</b> .....	38.5	38.8	38.8	38.3	-	-	-	-	-	-
501	Motor vehicles and automotive equipment .....	37.8	38.1	38.1	37.5	-	-	-	-	-	-
502	Furniture and home furnishings .....	37.1	37.2	37.2	37.0	-	-	-	-	-	-
503	Lumber and construction materials .....	37.8	38.2	38.5	37.3	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods .....	37.5	37.9	38.1	37.5	-	-	-	-	-	-

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	
	<b>WHOLESALE TRADE-DURABLE GOODS—Continued</b>											
506	Metals and minerals, except petroleum .....	\$352.17	\$353.31	\$362.98	\$356.33	-	\$9.03	\$8.99	\$9.12	\$9.09	-	
506	Electrical goods .....	330.58	329.33	360.30	349.38	-	8.52	8.38	9.03	8.89	-	
507	Hardware, plumbing, and heating equipment .....	284.87	283.71	298.37	293.38	-	7.38	7.35	7.69	7.68	-	
508	Machinery, equipment, and supplies .....	316.68	318.27	334.23	330.89	-	8.12	8.14	8.57	8.55	-	
509	Miscellaneous durable goods .....	245.05	244.94	257.80	252.71	-	6.50	6.48	6.82	6.83	-	
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b> .....	301.60	301.22	318.19	315.66	-	8.00	7.99	8.44	8.44	-	
511	Paper and paper products .....	323.02	327.38	329.87	333.46	-	8.66	8.73	8.82	8.94	-	
512	Drugs, proprietaries, and sundries .....	312.77	311.95	338.74	336.30	-	8.64	8.57	9.23	9.29	-	
513	Apparel, piece goods, and notions .....	264.24	262.80	298.00	296.46	-	7.20	7.20	8.12	8.10	-	
514	Groceries and related products .....	304.29	303.53	322.79	319.12	-	8.05	8.03	8.45	8.42	-	
518	Chemicals and allied products .....	363.33	363.48	378.02	377.03	-	9.34	9.32	9.87	9.87	-	
517	Petroleum and petroleum products .....	380.49	379.93	407.23	396.79	-	9.56	9.57	10.08	10.02	-	
518	Beer, wine, and distilled beverages .....	331.60	337.45	356.36	351.82	-	9.06	9.22	10.01	9.80	-	
519	Miscellaneous nondurable goods .....	248.25	246.08	255.30	254.14	-	6.55	6.51	6.79	6.85	-	
52-59	<b>RETAIL TRADE</b> .....	159.35	159.64	166.13	163.88	\$169.26	5.42	5.43	5.67	5.71	\$5.68	
52	<b>BUILDING MATERIALS AND GARDEN SUPPLIES</b> .....	209.56	210.63	216.57	212.59	-	5.87	5.90	6.17	6.18	-	
521	Lumber and other building materials .....	225.20	227.90	227.25	225.85	-	6.07	6.11	6.33	6.38	-	
526	Hardware stores .....	176.74	176.55	182.24	179.63	-	5.26	5.27	5.44	5.46	-	
53	<b>GENERAL MERCHANDISE STORES</b> .....	149.29	152.25	157.62	156.45	-	5.37	5.38	5.55	5.71	-	
531	Department stores .....	154.29	157.36	162.73	161.57	-	5.57	5.58	5.75	5.94	-	
533	Variety stores .....	118.02	121.41	123.98	126.13	-	4.23	4.29	4.32	4.41	-	
539	Misc. general merchandise stores .....	125.57	126.44	133.06	130.37	-	4.36	4.36	4.48	4.48	-	
54	<b>FOOD STORES</b> .....	215.94	216.04	223.64	222.61	-	7.08	7.13	7.43	7.47	-	
541	Grocery stores .....	223.99	224.35	232.70	231.43	-	7.32	7.38	7.68	7.74	-	
546	Retail bakeries .....	142.35	142.35	138.64	139.98	-	4.96	4.96	5.06	5.09	-	
55	<b>AUTOMOTIVE DEALERS AND SERVICE STATIONS</b> .....	229.15	230.89	239.39	233.60	-	6.16	6.19	6.47	6.40	-	
551, 2	New and used car dealers .....	269.89	274.74	281.99	275.65	-	7.14	7.23	7.46	7.43	-	
553	Auto and home supply stores .....	232.43	230.22	253.75	238.80	-	5.84	5.77	6.25	6.00	-	
554	Gasoline service stations .....	175.79	174.59	177.68	176.13	-	4.98	4.96	5.15	5.15	-	
56	<b>APPAREL AND ACCESSORY STORES</b> .....	133.51	132.68	138.83	133.73	-	4.82	4.79	5.03	4.99	-	
561	Men's and boys' clothing and furnishings .....	168.48	165.14	178.46	170.93	-	5.47	5.45	5.72	5.66	-	
562	Women's ready-to-wear stores .....	118.55	119.17	124.42	119.09	-	4.44	4.48	4.66	4.67	-	
565	Family clothing stores .....	131.52	133.36	137.67	132.26	-	4.80	4.78	5.08	5.01	-	
566	Shoe stores .....	136.77	131.71	138.72	136.82	-	5.01	4.86	5.10	5.03	-	
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b> .....	210.40	210.52	219.91	214.67	-	6.17	6.21	6.43	6.37	-	
571	Furniture and home furnishings stores .....	208.76	208.21	219.64	213.36	-	6.14	6.16	6.46	6.35	-	
572	Household appliance stores .....	217.75	220.85	232.85	221.21	-	6.33	6.42	6.93	6.87	-	
573	Radio, television, and music stores .....	210.60	211.42	215.68	214.45	-	6.14	6.20	6.11	6.18	-	
58	<b>EATING AND DRINKING PLACES<sup>3</sup></b> .....	104.09	103.42	107.44	105.65	-	4.05	4.04	4.23	4.26	-	
59	<b>MISCELLANEOUS RETAIL</b> .....	165.01	163.94	169.89	169.98	-	5.34	5.34	5.57	5.61	-	
591	Drug stores and proprietary stores .....	141.65	142.93	147.81	148.09	-	4.97	4.98	5.26	5.27	-	
594	Miscellaneous shopping goods stores .....	149.20	148.60	151.29	148.34	-	4.99	4.97	5.06	5.08	-	
596	Nonstore retailers .....	197.60	199.47	206.07	205.76	-	6.08	6.10	6.38	6.41	-	
598	Fuel and ice dealers .....	288.46	273.94	297.94	302.25	-	7.34	7.19	7.62	7.75	-	
599	Retail stores, nec .....	177.95	172.58	183.93	185.65	-	5.36	5.41	5.73	5.73	-	
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b> .....	239.64	239.22	263.90	260.64	259.56	6.62	6.59	7.23	7.24	7.23	
60	<b>BANKING</b> .....	208.21	206.23	227.06	224.22	-	5.72	5.65	6.17	6.16	-	
602	Commercial and stock savings banks .....	204.93	202.94	220.80	218.04	-	5.63	5.56	6.00	5.99	-	
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	215.80	215.65	232.47	230.11	-	5.88	5.86	6.30	6.27	-	
612	Savings and loan associations .....	199.10	198.38	211.12	206.70	-	5.50	5.48	5.80	5.79	-	
614	Personal credit institutions .....	219.04	217.19	240.21	235.85	-	5.92	5.87	6.44	6.34	-	
63	<b>INSURANCE CARRIERS</b> .....	277.89	279.00	299.57	299.52	-	7.45	7.48	8.01	8.03	-	
631	Life insurance .....	288.33	288.33	300.37	299.70	-	7.73	7.73	8.14	8.10	-	
632	Medical service and health insurance .....	266.25	264.16	293.36	284.63	-	6.97	6.97	7.60	7.57	-	
633	Fire, marine, and casualty insurance .....	272.32	273.43	299.89	301.69	-	7.36	7.39	8.04	8.11	-	

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	<b>WHOLESALE TRADE-DURABLE GOODS—Continued</b>										
505	Metals and minerals, except petroleum .....	39.0	39.3	39.8	39.2	-	-	-	-	-	
506	Electrical goods .....	38.8	39.3	39.9	39.3	-	-	-	-	-	
507	Hardware, plumbing, and heating equipment .....	38.6	38.6	38.8	38.2	-	-	-	-	-	
508	Machinery, equipment, and supplies .....	39.0	39.1	39.0	38.7	-	-	-	-	-	
509	Miscellaneous durable goods .....	37.7	37.8	37.8	37.0	-	-	-	-	-	
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b>	37.7	37.7	37.7	37.4	-	-	-	-	-	
511	Paper and paper products .....	37.3	37.5	37.4	37.3	-	-	-	-	-	
512	Drugs, proprietaries, and sundries .....	36.2	36.4	36.7	36.2	-	-	-	-	-	
513	Apparel, piece goods, and notions .....	36.7	36.5	36.7	36.6	-	-	-	-	-	
514	Groceries and related products .....	37.8	37.8	38.2	37.9	-	-	-	-	-	
516	Chemicals and allied products .....	38.9	39.0	38.3	38.2	-	-	-	-	-	
517	Petroleum and petroleum products .....	39.8	39.7	40.4	39.6	-	-	-	-	-	
518	Beer, wine, and distilled beverages .....	36.6	36.6	35.6	35.9	-	-	-	-	-	
519	Miscellaneous nondurable goods .....	37.9	37.8	37.6	37.1	-	-	-	-	-	
52-59	<b>RETAIL TRADE</b>	29.4	29.4	29.3	28.7	29.8	-	-	-	-	
52	<b>BUILDING MATERIALS AND GARDEN SUPPLIES</b>	35.7	35.7	35.1	34.4	-	-	-	-	-	
521	Lumber and other building materials .....	37.1	37.3	35.9	35.4	-	-	-	-	-	
525	Hardware stores .....	33.6	33.5	33.5	32.9	-	-	-	-	-	
53	<b>GENERAL MERCHANDISE STORES</b>	27.8	28.3	28.4	27.4	-	-	-	-	-	
531	Department stores .....	27.7	28.2	28.3	27.2	-	-	-	-	-	
533	Variety stores .....	27.9	28.3	28.7	28.6	-	-	-	-	-	
539	Misc. general merchandise stores .....	28.8	29.0	29.7	29.1	-	-	-	-	-	
54	<b>FOOD STORES</b>	30.5	30.3	30.1	29.8	-	-	-	-	-	
541	Grocery stores .....	30.6	30.4	30.3	29.9	-	-	-	-	-	
546	Retail bakeries .....	28.7	28.7	27.4	27.5	-	-	-	-	-	
55	<b>AUTOMOTIVE DEALERS AND SERVICE STATIONS</b>	37.2	37.3	37.0	36.5	-	-	-	-	-	
551, 2	New and used car dealers .....	37.8	38.0	37.8	37.1	-	-	-	-	-	
553	Auto and home supply stores .....	39.8	39.9	40.6	39.8	-	-	-	-	-	
554	Gasoline service stations .....	35.3	35.2	34.5	34.2	-	-	-	-	-	
56	<b>APPAREL AND ACCESSORY STORES</b>	27.7	27.7	27.6	26.8	-	-	-	-	-	
561	Men's and boys' clothing and furnishings .....	30.8	30.3	31.2	30.2	-	-	-	-	-	
562	Women's ready-to-wear stores .....	26.7	26.6	26.7	25.5	-	-	-	-	-	
565	Family clothing stores .....	27.4	27.9	27.1	26.4	-	-	-	-	-	
566	Shoe stores .....	27.3	27.1	27.2	27.2	-	-	-	-	-	
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b>	34.1	33.9	34.2	33.7	-	-	-	-	-	
571	Furniture and home furnishings stores .....	34.0	33.8	34.0	33.6	-	-	-	-	-	
572	Household appliance stores .....	34.4	34.4	33.6	32.2	-	-	-	-	-	
573	Radio, television, and music stores .....	34.3	34.1	35.3	34.7	-	-	-	-	-	
58	<b>EATING AND DRINKING PLACES</b> <sup>5</sup>	25.7	25.6	25.4	24.8	-	-	-	-	-	
59	<b>MISCELLANEOUS RETAIL</b>	30.9	30.7	30.5	30.3	-	-	-	-	-	
591	Drug stores and proprietary stores .....	28.5	28.7	28.1	28.1	-	-	-	-	-	
594	Miscellaneous shopping goods stores .....	29.9	29.9	29.9	29.2	-	-	-	-	-	
596	Nonstore retailers .....	32.5	32.7	32.3	32.1	-	-	-	-	-	
598	Fuel and ice dealers .....	39.3	38.1	39.1	39.0	-	-	-	-	-	
599	Retail stores, nec .....	33.2	31.9	32.1	32.4	-	-	-	-	-	
-	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> <sup>6</sup>	36.2	36.3	36.5	36.0	35.9	-	-	-	-	
60	<b>BANKING</b>	36.4	36.5	36.8	36.4	-	-	-	-	-	
602	Commercial and stock savings banks .....	36.4	36.5	36.8	36.4	-	-	-	-	-	
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b>	36.7	36.8	36.9	36.7	-	-	-	-	-	
612	Savings and loan associations .....	36.2	36.2	36.4	35.7	-	-	-	-	-	
614	Personal credit institutions .....	37.0	37.0	37.3	37.2	-	-	-	-	-	
63	<b>INSURANCE CARRIERS</b>	37.3	37.3	37.4	37.3	-	-	-	-	-	
631	Life insurance .....	37.3	37.3	36.9	37.0	-	-	-	-	-	
632	Medical service and health insurance .....	38.2	37.9	38.6	37.6	-	-	-	-	-	
633	Fire, marine, and casualty insurance .....	37.0	37.0	37.3	37.2	-	-	-	-	-	

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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
-	<b>SERVICES</b> .....	\$220.68	\$220.03	\$234.39	\$232.63	\$233.74	\$6.79	\$6.77	\$7.19	\$7.18	\$7.17
701	<b>HOTELS AND OTHER LODGING PLACES:</b> Hotels, motels, and tourist courts <sup>2</sup> .....	153.02	149.99	154.58	154.88	-	5.05	4.95	5.24	5.18	-
721	<b>PERSONAL SERVICES:</b> Laundry, cleaning, and garment services .....	165.49	166.98	176.82	174.95	-	5.03	5.06	5.31	5.35	-
723	Beauty shops <sup>3</sup> .....	138.70	146.78	152.11	142.53	-	4.67	4.75	5.30	5.24	-
73	<b>BUSINESS SERVICES</b> .....	225.01	223.67	238.20	237.40	-	6.86	6.84	7.24	7.26	-
731	Advertising .....	315.42	319.15	348.37	340.92	-	8.86	8.89	9.65	9.47	-
734	Services to buildings .....	146.57	146.03	159.28	159.80	-	5.51	5.49	5.75	5.79	-
737	Computer and data processing services .....	319.40	311.81	342.27	334.78	-	8.54	8.45	8.96	8.88	-
76	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	251.33	252.08	257.49	253.76	-	6.72	6.74	6.83	6.84	-
763	Automotive repair shops .....	279.80	280.86	284.02	279.62	-	7.23	7.22	7.32	7.32	-
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	305.73	305.71	315.33	315.33	-	7.90	7.92	8.32	8.32	-
78	<b>MOTION PICTURES</b> .....	247.51	250.97	269.48	251.71	-	9.27	9.69	9.59	9.22	-
781	Motion picture production and services .....	478.91	479.89	534.10	495.11	-	13.34	14.24	13.73	12.86	-
79	<b>AMUSEMENT AND RECREATION SERVICES</b> ..	182.87	178.89	187.92	188.21	-	6.22	6.19	6.37	6.38	-
80	<b>HEALTH SERVICES</b> .....	222.38	222.03	237.87	236.75	-	6.78	6.79	7.23	7.24	-
801	Offices of physicians .....	213.09	211.52	233.92	231.82	-	6.68	6.61	7.31	7.29	-
802	Offices of dentists .....	185.84	186.12	198.25	196.56	-	6.59	6.60	7.03	7.02	-
805	Nursing and personal care facilities .....	148.82	147.73	159.13	157.25	-	4.77	4.75	5.02	5.04	-
806	Hospitals .....	249.22	249.50	269.73	270.07	-	7.33	7.36	7.91	7.92	-
81	<b>LEGAL SERVICES</b> .....	290.02	290.49	320.63	314.76	-	8.48	8.42	9.24	9.15	-
89	<b>MISCELLANEOUS SERVICES</b> .....	383.17	383.96	413.90	410.55	-	9.85	9.62	10.64	10.50	-
891	Engineering and architectural services .....	424.93	426.21	451.16	450.02	-	10.84	10.79	11.48	11.48	-
893	Accounting, auditing, and bookkeeping .....	322.38	322.38	346.75	347.27	-	8.10	8.10	8.96	8.66	-

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

<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 relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1977, such employees made up 20 percent of the total number of non-supervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the

total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>5</sup> Money payments only; tips, not included.

<sup>6</sup> Data for nonoffice sales agents excluded from all series in this division.

- Data not available.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

**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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
-	<b>SERVICES</b> .....	32.5	32.5	32.6	32.4	32.6	-	-	-	-	-
	<b>HOTELS AND OTHER LODGING PLACES:</b>										
701	Hotels, motels, and tourist courts <sup>5</sup> .....	30.3	30.3	29.5	29.9	-	-	-	-	-	
	<b>PERSONAL SERVICES:</b>										
721	Laundry, cleaning, and garment services .....	32.9	33.0	33.3	32.7	-	-	-	-	-	
723	Beauty shops <sup>6</sup> .....	29.7	30.9	28.7	27.2	-	-	-	-	-	
73	<b>BUSINESS SERVICES</b> .....	32.8	32.7	32.9	32.7	-	-	-	-	-	
731	Advertising .....	35.6	35.9	36.1	36.0	-	-	-	-	-	
734	Services to buildings .....	26.6	26.6	27.7	27.6	-	-	-	-	-	
737	Computer and data processing services .....	37.4	36.9	38.2	37.7	-	-	-	-	-	
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	37.4	37.4	37.7	37.1	-	-	-	-	-	
753	Automotive repair shops .....	38.7	38.9	38.8	38.2	-	-	-	-	-	
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	38.7	38.6	37.9	37.9	-	-	-	-	-	
78	<b>MOTION PICTURES</b> .....	26.7	25.9	28.1	27.3	-	-	-	-	-	
781	Motion picture production and services .....	35.9	33.7	38.9	38.5	-	-	-	-	-	
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	29.4	28.9	29.5	29.5	-	-	-	-	-	
80	<b>HEALTH SERVICES</b> .....	32.8	32.7	32.9	32.7	-	-	-	-	-	
801	Offices of physicians .....	31.9	32.0	32.0	31.8	-	-	-	-	-	
802	Offices of dentists .....	28.2	28.2	28.2	28.0	-	-	-	-	-	
805	Nursing and personal care facilities .....	31.2	31.1	31.7	31.2	-	-	-	-	-	
806	Hospitals .....	34.0	33.9	34.1	34.1	-	-	-	-	-	
81	<b>LEGAL SERVICES</b> .....	34.2	34.5	34.7	34.4	-	-	-	-	-	
89	<b>MISCELLANEOUS SERVICES</b> .....	38.9	39.1	38.9	39.1	-	-	-	-	-	
891	Engineering and architectural services .....	39.2	39.5	39.3	39.2	-	-	-	-	-	
893	Accounting, auditing, and bookkeeping .....	39.8	39.8	38.7	40.1	-	-	-	-	-	

# 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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
<b>MANUFACTURING</b>	\$8.10	\$8.13	\$8.47	\$8.49	\$8.48
<b>DURABLE GOODS</b>	8.65	8.68	9.02	9.05	9.02
Lumber and wood products	7.07	7.08	7.49	7.52	-
Furniture and fixtures	6.08	6.10	6.37	6.38	-
Stone, clay, and glass products	8.29	8.30	8.77	8.77	-
Primary metal industries	10.89	10.88	11.28	11.18	-
Fabricated metal products	8.35	8.41	8.77	8.80	-
Machinery, except electrical	8.90	8.90	9.15	9.18	-
Electric and electronic equipment	7.77	7.83	8.29	8.32	-
Transportation equipment	10.51	10.58	11.04	11.08	-
Instruments and related products	7.75	7.82	8.59	8.61	-
Miscellaneous manufacturing industries	6.16	6.19	6.57	6.59	-
<b>NONDURABLE GOODS</b>	7.31	7.34	7.73	7.75	7.74
Food and kindred products	7.43	7.49	7.77	7.80	-
Tobacco manufactures	9.40	9.61	9.71	9.85	-
Textile mill products	5.60	5.60	5.89	5.90	-
Apparel and other textile products	5.06	5.08	5.24	5.24	-
Paper and allied products	8.58	8.62	9.22	9.23	-
Printing and publishing	8.31	8.33	8.70	8.73	-
Chemicals and allied products	9.36	9.40	10.02	10.09	-
Petroleum and coal products	11.83	11.87	12.67	12.73	-
Rubber and misc. plastics products	7.25	7.22	7.65	7.64	-
Leather and leather products	5.14	5.15	5.42	5.44	-

<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. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
<b>TOTAL PRIVATE:</b>					
Current dollars	\$262.39	\$261.99	\$273.34	\$270.52	\$274.57
Constant (1977) dollars	168.31	168.37	169.88	168.02	-
<b>MINING:</b>					
Current dollars	463.03	465.16	478.98	467.10	\$459.50
Constant (1977) dollars	297.00	298.95	297.69	290.12	-
<b>CONSTRUCTION:</b>					
Current dollars	406.39	419.21	437.55	422.68	\$431.70
Constant (1977) dollars	260.67	269.42	271.94	262.53	-
<b>MANUFACTURING:</b>					
Current dollars	326.93	327.27	341.43	339.11	\$346.50
Constant (1977) dollars	209.70	210.33	212.20	210.63	-
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>					
Current dollars	397.10	392.73	409.43	408.66	\$411.09
Constant (1977) dollars	254.71	252.40	254.46	253.83	-
<b>WHOLESALE AND RETAIL TRADE:</b>					
Current dollars	194.66	194.66	202.22	199.92	\$204.16
Constant (1977) dollars	124.86	125.10	125.68	124.17	-
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>					
Current dollars	239.64	239.22	263.90	260.64	\$259.56
Constant (1977) dollars	153.71	153.74	164.01	161.89	-
<b>SERVICES:</b>					
Current dollars	220.68	220.03	234.39	232.63	\$233.74
Constant (1977) dollars	141.55	141.41	145.67	144.49	-

<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<sup>1</sup> on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	Hours				
<b>TOTAL PRIVATE</b> .....	103.4	103.7	100.9	99.3	101.6
<b>GOODS-PRODUCING</b> .....	91.8	91.9	85.1	83.2	85.6
<b>MINING</b> .....	139.4	139.6	111.7	104.8	103.5
<b>CONSTRUCTION</b> .....	86.4	91.7	88.5	80.3	85.1
<b>MANUFACTURING</b> .....	90.6	89.7	83.2	82.7	84.9
<b>DURABLE GOODS</b> .....	89.7	89.1	79.9	79.6	81.9
Lumber and wood products .....	74.0	74.1	80.5	81.4	84.3
Furniture and fixtures .....	89.9	89.3	86.9	86.3	90.5
Stone, clay, and glass products .....	76.6	78.2	73.4	70.9	74.6
Primary metal industries .....	79.6	77.3	61.1	50.5	62.8
Fabricated metal products .....	87.0	86.8	78.5	78.9	81.1
Machinery, except electrical .....	105.3	102.6	80.3	79.9	81.4
Electric and electronic equipment .....	100.3	98.8	93.6	93.0	94.9
Transportation equipment .....	81.0	82.3	76.7	77.8	79.7
Instruments and related products .....	109.2	109.0	100.5	98.0	100.3
Miscellaneous manufacturing industries .....	84.1	85.1	76.9	75.9	80.5
<b>NONDURABLE GOODS</b> .....	91.9	90.7	88.2	87.3	89.3
Food and kindred products .....	93.0	91.1	90.4	88.5	88.6
Tobacco manufactures .....	93.4	85.3	91.4	79.1	78.1
Textile mill products .....	79.5	76.6	75.0	75.1	76.6
Apparel and other textile products .....	88.7	87.9	83.0	82.5	84.5
Paper and allied products .....	93.9	93.1	90.1	88.6	90.4
Printing and publishing .....	106.6	107.2	105.3	104.5	107.5
Chemicals and allied products .....	96.9	96.1	92.1	92.1	94.5
Petroleum and coal products .....	90.4	90.9	93.6	93.3	94.4
Rubber and misc. plastics products .....	94.4	92.7	90.7	90.9	95.0
Leather and leather products .....	77.8	78.5	73.2	71.0	75.4
<b>SERVICE-PRODUCING</b> .....	109.8	110.2	109.5	108.2	110.4
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	102.2	101.8	96.5	96.1	97.0
<b>WHOLESALE AND RETAIL TRADE</b> .....	102.7	103.0	102.4	99.3	102.8
<b>WHOLESALE TRADE</b> .....	108.9	109.4	105.9	104.4	105.7
<b>RETAIL TRADE</b> .....	100.3	100.5	101.0	97.4	101.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	116.1	116.4	117.1	116.1	116.0
<b>SERVICES</b> .....	119.3	120.1	120.7	120.9	122.7

<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<sup>1</sup> on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Feb. 1982	Mar. 1982	Jan. 1983	Feb. 1983P	Mar. 1983P
	Payrolls				
<b>TOTAL PRIVATE</b> .....	148.6	149.0	151.9	149.6	152.7
<b>GOODS-PRODUCING</b> .....	134.0	134.9	130.5	127.4	131.1
<b>MINING</b> .....	213.3	213.6	181.3	170.6	166.7
<b>CONSTRUCTION</b> .....	120.7	128.2	129.8	118.3	124.6
<b>MANUFACTURING</b> .....	133.1	132.2	127.8	127.4	130.9
<b>DURABLE GOODS</b> .....	131.6	131.0	122.1	122.2	125.7
Lumber and wood products .....	105.6	105.8	122.0	123.9	127.1
Furniture and fixtures .....	128.1	127.8	130.2	129.4	135.9
Stone, clay, and glass products .....	113.7	116.4	115.2	111.3	117.2
Primary metal industries .....	120.4	116.4	95.4	94.0	97.7
Fabricated metal products .....	126.2	127.0	119.4	120.7	123.8
Machinery, except electrical .....	154.8	150.5	120.4	120.1	122.8
Electric and electronic equipment .....	148.1	146.8	147.3	147.0	149.8
Transportation equipment .....	120.3	122.9	120.0	122.6	126.1
Instruments and related products .....	163.8	164.9	166.2	162.5	166.3
Miscellaneous manufacturing industries .....	121.2	123.3	118.2	116.9	124.3
<b>NONDURABLE GOODS</b> .....	135.6	134.3	137.7	136.7	139.9
Food and kindred products .....	134.0	132.1	135.9	133.2	133.9
Tobacco manufactures .....	161.1	149.6	162.8	142.0	144.8
Textile mill products .....	114.8	110.7	114.4	114.9	117.3
Apparel and other textile products .....	125.6	124.8	121.6	121.1	123.9
Paper and allied products .....	141.7	141.0	146.0	143.4	146.5
Printing and publishing .....	149.1	150.4	154.2	153.3	158.7
Chemicals and allied products .....	145.8	145.2	148.2	149.4	153.4
Petroleum and coal products .....	142.0	143.0	157.5	157.8	159.4
Rubber and misc. plastics products .....	136.6	133.5	138.5	138.7	145.1
Leather and leather products .....	112.7	114.0	111.8	108.5	116.0
<b>SERVICE-PRODUCING</b> .....	158.9	159.0	167.0	165.3	167.9
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	148.1	146.6	147.5	146.6	147.7
<b>WHOLESALE AND RETAIL TRADE</b> .....	147.9	148.4	154.1	150.2	154.2
<b>WHOLESALE TRADE</b> .....	160.3	160.8	163.9	161.1	162.4
<b>RETAIL TRADE</b> .....	141.3	141.7	148.8	144.4	149.9
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	169.1	168.7	186.3	185.0	184.6
<b>SERVICES</b> .....	174.1	174.9	186.6	186.7	189.2



**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

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

Industry	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
<b>TOTAL PRIVATE</b> .....	34.9	34.9	35.0	34.9	34.9	34.8	34.8	34.7	34.7	34.8	35.1	34.4	34.9
<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> .....	39.0	39.0	39.1	39.2	39.2	39.0	38.8	38.8	38.9	38.9	39.8	39.1	39.6
<i>Overtime hours</i> .....	2.3	2.4	2.3	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.6
<b>DURABLE GOODS</b> .....	39.5	39.5	39.6	39.7	39.7	39.4	38.9	39.0	39.2	39.2	40.2	39.5	40.1
<i>Overtime hours</i> .....	2.2	2.2	2.2	2.3	2.2	2.2	2.1	2.0	2.1	2.1	2.1	2.2	2.5
Lumber and wood products .....	37.6	37.6	38.5	38.7	38.6	38.2	38.5	38.0	38.5	38.5	40.8	39.4	39.8
Furniture and fixtures .....	37.3	37.4	37.5	37.8	37.6	37.9	37.4	37.5	37.6	37.7	38.8	37.7	38.0
Stone, clay, and glass products .....	40.0	40.0	40.2	40.4	40.6	40.3	40.2	40.2	40.2	40.0	41.6	40.2	40.6
Primary metal industries .....	38.8	38.5	38.5	38.9	38.9	38.8	37.8	38.0	38.2	38.9	38.9	38.9	39.5
Fabricated metal products .....	39.5	39.4	39.5	39.4	39.5	39.2	38.8	38.9	39.0	39.1	39.8	39.8	40.2
Machinery, except electrical .....	40.2	40.1	39.8	39.6	39.8	39.5	39.0	39.2	39.2	39.3	39.7	39.3	39.7
Electric and electronic equipment .....	39.4	39.3	39.4	39.5	39.8	39.3	38.8	39.0	39.2	39.3	39.9	39.3	40.0
Transportation equipment .....	40.4	41.1	41.1	41.6	41.0	40.5	39.8	40.1	40.8	39.9	41.7	41.0	41.5
Instruments and related products .....	39.9	39.9	40.2	40.2	40.1	40.1	39.8	39.4	39.2	39.6	40.6	39.4	40.2
Miscellaneous manufacturing ind .....	38.6	38.5	38.7	38.6	38.7	38.6	38.3	38.6	38.6	38.4	39.4	37.9	39.0
<b>NONDURABLE GOODS</b> .....	38.5	38.4	38.5	38.6	38.6	38.5	38.6	38.5	38.5	38.5	39.3	38.5	39.0
<i>Overtime hours</i> .....	2.5	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.8
Food and kindred products .....	39.5	39.4	39.4	39.5	39.5	39.1	39.4	39.7	39.4	39.2	39.4	39.0	38.9
Tobacco manufactures .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products .....	37.6	37.7	37.9	37.8	37.7	38.2	39.1	38.2	38.6	38.4	40.3	39.0	39.4
Apparel and other textile products .....	35.0	34.7	34.8	35.1	35.2	35.0	35.2	35.0	35.1	35.0	36.9	34.9	35.5
Paper and allied products .....	41.8	42.1	41.8	42.0	41.9	41.7	41.5	41.7	41.6	41.6	41.7	41.3	41.8
Printing and publishing .....	37.1	37.1	36.8	37.1	37.0	36.8	37.0	36.9	37.1	37.1	37.6	37.0	37.6
Chemicals and allied products .....	40.7	40.7	41.0	41.0	40.9	40.9	41.2	40.8	40.6	40.9	41.1	41.0	41.5
Petroleum and coal products .....	43.5	44.0	44.1	44.1	43.3	43.9	44.0	43.3	43.9	44.4	44.6	44.6	44.8
Rubber and misc. plastics products .....	39.6	39.8	39.9	40.1	40.2	39.7	39.6	39.0	39.3	39.6	40.2	39.7	40.7
Leather and leather products .....	35.8	35.6	35.6	35.7	36.1	36.0	35.7	35.2	35.9	35.8	36.7	34.9	36.4
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>WHOLESALE AND RETAIL TRADE</b> .....	31.9	31.8	32.0	31.9	31.9	31.9	32.1	31.9	31.8	32.1	32.0	31.3	32.1
<b>WHOLESALE TRADE</b> .....	38.4	38.3	38.5	38.6	38.5	38.5	38.4	38.3	38.4	38.4	38.7	38.2	38.4
<b>RETAIL TRADE</b> .....	29.8	29.8	30.0	29.8	29.9	29.9	30.1	29.9	29.8	30.2	30.0	29.2	30.2
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>SERVICES</b> .....	32.6	32.7	32.7	32.7	32.6	32.6	32.8	32.6	32.6	32.7	32.8	32.5	32.7

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

<sup>p</sup> preliminary.

<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.

# ESTABLISHMENT DATA SEASONALLY ADJUSTED

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

(1977=100)

Industry division and group	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
<b>TOTAL PRIVATE</b> .....	105.6	105.2	105.7	104.9	104.8	104.1	103.9	102.8	102.6	102.8	104.3	102.0	103.4
<b>GOODS-PRODUCING</b> .....	93.9	93.0	93.3	91.9	91.4	90.0	88.7	87.2	86.7	86.4	89.8	86.7	87.6
<b>MINING</b> .....	142.6	138.4	133.6	128.2	125.1	121.4	118.6	115.2	113.8	112.8	114.5	107.9	105.5
<b>CONSTRUCTION</b> .....	101.1	100.9	104.5	101.0	101.9	100.5	98.3	97.2	97.4	97.0	106.4	95.2	94.0
<b>MANUFACTURING</b> .....	90.3	89.3	89.2	88.4	87.8	86.5	85.5	83.9	83.3	83.1	85.5	84.0	85.5
<b>DURABLE GOODS</b> .....	89.1	87.8	87.8	86.7	86.1	84.1	82.2	80.0	79.2	78.9	81.5	80.6	82.0
Lumber and wood products .....	76.1	77.6	79.5	79.8	79.4	78.7	79.5	78.2	79.7	80.3	87.2	85.4	86.9
Furniture and fixtures .....	88.3	87.8	88.1	88.5	87.3	89.0	86.8	86.0	86.3	86.8	89.3	86.8	89.5
Stone, clay, and glass products .....	81.1	80.2	81.1	80.4	80.8	79.7	79.1	78.0	76.8	75.6	79.1	76.4	77.3
Primary metal industries .....	77.1	73.6	71.0	70.1	68.4	67.0	63.4	60.6	59.3	59.7	60.9	60.5	62.6
Fabricated metal products .....	87.0	85.8	85.5	84.0	83.9	82.0	80.4	78.4	77.5	77.3	79.6	79.9	81.2
Machinery, except electrical .....	101.5	99.2	98.0	94.4	92.1	88.9	86.5	83.0	81.1	80.3	80.2	79.2	80.4
Electric and electronic equipment .....	98.6	97.8	98.0	97.7	97.5	95.8	93.5	92.3	92.1	91.1	94.0	92.9	94.8
Transportation equipment .....	81.7	81.4	82.3	82.6	83.1	79.4	77.2	74.1	73.6	73.8	78.3	78.9	79.2
Instruments and related products .....	108.5	107.4	108.5	107.2	106.7	105.6	104.0	101.2	99.4	99.4	101.9	98.1	100.1
Miscellaneous manufacturing ind .....	86.2	84.2	84.4	83.6	84.1	82.4	81.4	81.2	80.0	79.0	81.6	78.5	81.4
<b>NONDURABLE GOODS</b> .....	92.0	91.5	91.4	91.0	90.3	90.0	90.3	89.7	89.4	89.2	91.3	89.2	90.6
Food and kindred products .....	96.8	95.5	96.2	95.4	96.1	93.9	94.7	96.5	95.7	94.9	95.5	94.0	93.9
Tobacco manufactures .....	93.6	89.6	88.7	91.6	89.8	90.7	88.1	84.3	78.9	90.1	92.8	81.0	86.2
Textile mill products .....	76.5	78.0	77.0	74.8	74.7	75.2	75.2	75.4	75.1	74.4	77.9	75.6	76.4
Apparel and other textile products .....	87.7	85.3	85.3	85.8	83.2	84.3	84.6	83.9	83.5	83.1	88.9	83.7	84.4
Paper and allied products .....	93.9	94.0	92.8	92.5	92.2	91.4	91.9	90.9	90.8	90.6	90.9	90.0	91.1
Printing and publishing .....	106.7	106.2	105.5	105.9	105.3	104.9	105.5	105.1	105.5	105.5	106.7	105.0	107.2
Chemicals and allied products .....	96.4	95.3	95.7	94.9	94.0	94.3	94.9	93.3	92.9	93.2	93.4	92.8	94.7
Petroleum and coal products .....	96.1	96.5	96.7	95.9	94.2	95.5	98.8	96.5	97.0	97.3	98.6	99.4	99.8
Rubber and misc. plastics products .....	92.3	94.0	94.6	94.9	95.0	93.6	92.5	89.4	88.7	89.4	90.8	90.5	94.6
Leather and leather products .....	79.5	79.5	78.1	78.4	77.0	78.1	76.6	74.2	75.7	73.7	76.5	72.3	76.7
<b>SERVICE-PRODUCING</b> .....	112.0	111.9	112.5	112.1	112.2	111.8	112.3	111.5	111.4	111.8	112.2	110.4	112.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	103.3	102.8	102.6	102.2	101.5	101.2	100.7	100.1	100.2	99.9	98.4	97.4	98.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	105.9	105.5	106.5	105.8	106.1	105.5	105.6	104.8	104.3	104.9	105.5	102.9	105.7
<b>WHOLESALE TRADE</b> .....	110.2	109.5	110.3	110.0	109.6	109.0	108.6	107.9	107.4	107.0	107.6	105.9	106.7
<b>RETAIL TRADE</b> .....	104.2	103.9	105.1	104.2	104.7	104.2	104.5	103.6	103.1	104.0	104.7	101.7	105.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	117.1	117.0	117.9	117.4	117.4	117.2	117.4	117.0	117.2	117.6	118.3	116.8	116.5
<b>SERVICES</b> .....	121.1	121.5	121.8	121.9	121.8	121.8	122.9	122.0	122.4	122.8	123.6	122.4	123.8

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

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	1982										1983		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	Mar. <sup>P</sup>
<b>Hourly Earnings Index<sup>2</sup> (1977=100)</b>													
TOTAL PRIVATE (In current dollars) . . . . .	145.4	146.3	147.7	148.1	148.9	149.9	150.1	150.8	151.2	152.1	152.8	153.2	153.4
MINING . . . . .	156.0	156.5	156.8	159.6	161.3	161.5	163.2	162.6	163.3	163.4	165.2	165.5	164.2
CONSTRUCTION . . . . .	138.1	138.7	139.9	139.7	140.6	140.7	140.4	142.3	141.0	143.8	143.8	145.4	144.5
MANUFACTURING . . . . .	149.9	150.8	151.6	152.5	153.3	154.2	154.7	154.6	155.3	155.6	156.6	157.3	157.3
TRANSPORTATION AND PUBLIC UTILITIES . . . . .	146.3	146.9	148.2	149.1	148.9	150.3	149.9	151.1	152.3	153.4	155.1	155.0	155.9
WHOLESALE AND RETAIL TRADE . . . . .	142.8	143.7	145.1	145.2	145.7	146.5	146.8	147.6	148.1	148.6	148.9	149.4	149.7
FINANCE, INSURANCE, AND REAL ESTATE . . . . .	143.8	144.9	148.0	147.2	148.6	150.6	151.3	152.9	152.7	153.7	156.9	156.2	157.3
SERVICES . . . . .	143.9	145.1	146.5	147.3	148.7	149.7	149.7	150.8	150.9	152.4	152.2	152.0	152.4
TOTAL PRIVATE (In 1977 dollars) <sup>4</sup> . . . . .	93.5	93.7	93.6	92.9	92.8	93.1	93.2	93.2	93.5	94.3	94.8	95.2	-
<b>Average hourly earnings</b>													
TOTAL PRIVATE . . . . .	\$7.54	\$7.59	\$7.65	\$7.67	\$7.71	\$7.74	\$7.72	\$7.77	\$7.79	\$7.82	\$7.87	\$7.89	\$7.88
MINING . . . . .	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION . . . . .	11.39	11.43	11.54	11.51	11.56	11.58	11.56	11.71	11.61	11.85	11.81	11.96	11.92
MANUFACTURING . . . . .	8.37	8.44	8.48	8.52	8.56	8.57	8.56	8.56	8.61	8.62	8.67	8.75	8.75
TRANSPORTATION AND PUBLIC UTILITIES . . . . .	10.15	10.18	10.24	10.30	10.30	10.40	10.37	10.43	10.51	10.58	10.68	10.67	10.75
WHOLESALE AND RETAIL TRADE . . . . .	6.12	6.16	6.20	6.22	6.23	6.26	6.25	6.32	6.34	6.36	6.36	6.41	6.38
FINANCE, INSURANCE, AND REAL ESTATE . . . . .	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES . . . . .	6.72	6.80	6.85	6.90	6.96	7.00	7.01	7.04	7.04	7.11	7.10	7.11	7.12
<b>Average weekly earnings</b>													
TOTAL PRIVATE:													
Current dollars . . . . .	263.15	264.89	267.75	267.68	269.08	269.35	268.66	269.62	270.31	272.14	276.24	271.42	275.01
1977 dollars <sup>4</sup> . . . . .	168.90	169.69	169.89	168.14	167.97	167.61	166.87	166.53	166.96	168.40	171.26	168.69	-

<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>5</sup> See footnote 2, table C-8.

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 1983	February P1983	March P1983	Mar. 1982 to Mar. 1983	Jan. 1983 to Feb. 1983	Feb. 1983 to Mar. 1983
TOTAL . . . . .	165,802	163,796	164,836	-1.8	-1.2	0.6
PRIVATE SECTOR . . . . .	134,772	132,812	134,037	-1.8	-1.5	0.9
MINING . . . . .	2,302	2,171	2,130	-21.9	-5.7	-1.9
CONSTRUCTION . . . . .	7,978	7,301	7,173	-5.8	-8.5	-1.7
MANUFACTURING . . . . .	37,263	37,068	37,392	-4.6	-0.5	0.9
DURABLE GOODS . . . . .	21,775	21,728	21,920	-6.6	-0.2	0.9
NONDURABLE GOODS . . . . .	15,489	15,340	15,472	-1.6	-1.0	0.9
TRANSPORTATION AND PUBLIC UTILITIES . . . . .	9,926	9,862	9,948	-4.4	-0.6	0.9
WHOLESALE AND RETAIL TRADE . . . . .	34,215	33,564	34,343	0.0	-1.9	2.3
FINANCE, INSURANCE, AND REAL ESTATE . . . . .	10,201	10,119	10,109	0.5	-0.8	-0.1
SERVICES . . . . .	32,887	32,728	32,943	2.5	-0.5	0.7
GOVERNMENT . . . . .	31,030	30,984	30,798	-1.7	-0.1	-0.6

<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											
			1980			1981				1982				
	1981	1982	II	III	IV	I	II	III	IV	I	II	III	IV	
<b>BUSINESS SECTOR:</b>														
Output per hour of all persons ....	100.7	101.0	98.2	98.9	99.3	100.7	100.7	101.0	100.2	100.0	100.3	101.2	102.2	
Output .....	108.9	106.4	104.7	105.3	107.0	109.1	109.1	109.6	107.8	106.3	106.4	106.7	106.2	
Hours .....	108.2	105.4	106.6	106.5	107.7	108.3	108.3	108.5	107.5	106.3	106.1	105.4	103.9	
Compensation per hour .....	144.1	154.5	130.0	133.1	136.1	140.0	142.5	145.6	148.2	150.9	153.4	155.7	157.8	
Real compensation per hour .....	96.0	97.0	96.4	96.9	96.2	96.2	96.4	95.7	95.6	96.5	97.1	96.8	97.5	
Unit labor costs .....	143.1	152.9	132.3	134.7	137.0	139.0	141.5	144.2	147.9	150.9	152.9	153.8	154.4	
Unit nonlabor payments .....	135.2	138.7	116.2	120.6	124.6	131.8	133.4	137.4	138.3	136.4	137.0	140.0	141.8	
Implicit price deflator .....	140.4	148.1	126.9	129.9	132.8	136.5	138.8	141.9	144.6	146.0	147.5	149.1	150.1	
<b>NONFARM BUSINESS SECTOR:</b>														
Output per hour of all persons ....	99.9	100.0	97.6	98.4	99.2	100.4	100.0	100.0	99.1	99.2	99.4	100.3	100.8	
Output .....	108.6	105.9	104.6	105.3	107.3	109.2	109.0	109.1	107.1	106.0	106.1	106.3	105.3	
Hours .....	108.7	105.9	107.2	107.0	108.2	108.8	109.0	109.1	108.1	106.8	106.7	106.0	104.5	
Compensation per hour .....	143.6	154.0	129.3	132.6	135.7	139.5	142.0	145.1	147.7	150.4	152.7	155.1	157.2	
Real compensation per hour .....	95.7	96.7	96.0	96.5	95.9	96.0	96.0	95.4	95.3	96.3	96.6	96.4	97.1	
Unit labor costs .....	143.8	154.0	132.5	134.7	136.8	139.0	141.9	145.1	149.0	151.6	153.5	154.7	156.1	
Unit nonlabor payments .....	134.8	139.0	116.7	120.3	124.4	131.5	132.8	136.7	138.4	136.7	137.2	140.1	142.2	
Implicit price deflator .....	140.8	149.0	127.2	129.9	132.7	136.5	138.9	142.3	145.5	146.6	148.1	149.8	151.4	
<b>MANUFACTURING:</b>														
Output per hour of all persons ....	104.5	103.5	100.4	100.3	103.6	105.2	105.0	105.0	102.8	102.1	102.3	104.1	104.3	
Output .....	105.9	96.5	101.6	99.9	105.0	106.7	107.5	107.4	102.0	98.2	97.0	96.6	94.1	
Hours .....	101.3	93.3	101.1	99.6	101.3	101.5	102.4	102.3	99.2	96.2	94.8	92.8	90.2	
Compensation per hour .....	146.4	158.8	130.9	135.2	138.4	142.6	144.9	147.3	150.7	154.7	157.6	160.0	161.8	
Real compensation per hour .....	97.5	99.7	97.1	98.5	97.8	98.0	97.9	96.8	97.2	99.0	99.7	99.4	99.9	
Unit labor costs .....	140.0	153.4	130.3	134.9	133.6	135.5	138.0	140.3	146.6	151.5	154.0	153.6	155.1	
<b>DURABLE GOODS</b>														
Output per hour of all persons ....	103.4	101.6	99.2	98.3	102.2	104.2	104.0	103.7	101.5	100.3	100.5	102.3	102.5	
Output .....	106.1	94.2	101.4	98.8	104.9	107.0	108.2	107.8	101.6	96.8	95.2	94.2	90.4	
Hours .....	102.6	92.7	102.2	100.4	102.7	102.7	104.0	103.9	100.0	96.5	94.7	92.1	88.1	
Compensation per hour .....	146.5	159.0	130.4	135.0	138.5	142.7	144.7	147.2	151.0	154.8	157.7	160.5	162.3	
Real compensation per hour .....	97.6	99.8	96.8	98.3	97.9	98.2	97.9	96.7	97.4	99.1	99.8	99.7	100.2	
Unit labor costs .....	141.6	156.5	131.4	137.3	135.6	137.0	139.2	142.0	148.7	154.3	156.9	156.9	158.3	
<b>NONDURABLE GOODS</b>														
Output per hour of all persons ....	106.2	106.2	102.3	103.2	105.8	106.7	106.5	107.0	104.6	104.9	105.1	106.8	106.8	
Output .....	105.6	100.1	101.8	101.5	105.1	106.4	106.5	106.9	102.6	100.4	99.6	100.2	99.7	
Hours .....	99.4	94.2	99.5	98.4	99.3	99.7	99.9	99.8	98.1	95.7	94.8	93.8	93.4	
Compensation per hour .....	145.6	158.6	131.3	135.4	137.6	141.8	144.4	146.7	149.6	154.3	157.5	159.4	161.9	
Real compensation per hour .....	97.0	99.6	97.4	98.6	97.2	97.5	97.7	96.5	96.5	98.8	99.7	99.1	100.0	
Unit labor costs .....	137.1	149.3	128.4	131.2	130.1	132.9	135.6	137.1	143.1	147.2	150.0	149.2	151.7	
<b>NONFINANCIAL CORPORATIONS:</b>														
Output per all-employee hour ....	102.0	p103.0	99.3	100.6	101.1	102.3	102.2	102.2	101.6	101.6	102.3	103.5	N.A.	
Output .....	110.7	p107.6	106.5	107.1	109.0	111.0	111.1	111.5	109.4	107.9	107.8	108.0	N.A.	
Hours .....	108.5	p104.5	107.2	106.5	107.8	108.5	108.8	109.1	107.7	106.2	105.3	104.3	N.A.	
Compensation per hour .....	143.5	p154.1	129.3	132.6	135.6	139.6	141.9	144.8	147.7	150.7	153.0	155.2	N.A.	
Real compensation per hour .....	95.6	p96.8	95.9	96.6	95.8	96.0	96.0	95.2	95.3	96.5	96.8	96.4	N.A.	
Total unit costs .....	143.4	p154.2	130.4	132.9	135.8	138.3	141.7	144.7	149.1	151.8	153.8	154.8	N.A.	
Unit labor costs .....	140.6	p149.6	130.2	131.9	134.1	136.5	138.9	141.7	145.4	148.3	149.5	150.0	N.A.	
Unit nonlabor costs .....	151.4	p167.0	131.0	135.7	140.7	143.4	149.6	153.1	159.6	161.8	166.0	168.3	N.A.	
Unit profits .....	101.6	p87.2	81.9	87.8	90.5	104.7	98.8	105.2	97.6	86.1	82.3	89.6	N.A.	
Implicit price deflator .....	138.6	p146.5	124.8	127.7	130.6	134.5	136.8	140.2	143.2	144.3	145.6	147.3	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					
	1981 II	1981 III	1981 IV	1982 I	1982 II	1982 III	1980 III	1980 IV	1981 I	1981 II	1981 III	1981 IV
	to 1981 III	to 1981 IV	to 1982 I	to 1982 II	to 1982 III	to 1982 IV	to 1981 III	to 1981 IV	to 1982 I	to 1982 II	to 1982 III	to 1982 IV
<b>BUSINESS SECTOR:</b>												
Output per hour of all persons .....	1.1	-2.9	-1.0	1.4	3.6	4.1	2.2	0.9	-0.7	-0.4	0.2	2.0
Output .....	1.9	-6.4	-5.5	0.6	1.1	-1.7	4.1	0.7	-2.6	-2.4	-2.6	-1.4
Hours .....	0.8	-3.6	-4.5	-0.8	-2.4	-5.6	1.9	-0.2	-1.9	-2.1	-2.8	-3.3
Compensation per hour .....	9.0	7.4	7.3	6.9	6.1	r5.6	9.4	8.9	7.8	7.6	6.9	6.5
Real compensation per hour .....	-2.6	-0.4	3.9	2.2	-1.4	r2.9	-1.3	-0.6	0.3	0.8	1.1	1.9
Unit labor costs .....	7.8	10.6	8.4	5.5	2.4	r1.4	7.1	7.9	8.6	8.1	6.7	4.4
Unit nonlabor payments .....	12.5	2.9	-5.4	1.7	8.9	r5.4	13.9	11.0	3.5	2.7	1.9	2.5
Implicit price deflator .....	9.3	8.0	3.8	4.3	4.4	r2.7	9.2	8.9	6.9	6.3	5.1	3.8
<b>NONFARM BUSINESS SECTOR:</b>												
Output per hour of all persons .....	-0.3	-3.5	0.6	0.8	3.5	2.0	1.6	-0.1	-1.1	-0.6	0.3	1.7
Output .....	0.3	-7.1	-4.2	0.6	0.7	-3.6	3.6	-0.2	-3.0	-2.6	-2.5	-1.7
Hours .....	0.6	-3.7	-4.7	-0.1	-2.7	-5.5	2.0	-0.1	-1.9	-2.0	-2.8	-3.3
Compensation per hour .....	9.0	7.3	7.7	6.1	6.6	5.6	9.4	8.8	7.8	7.5	6.9	6.5
Real compensation per hour .....	-2.6	-0.5	4.3	1.4	-0.9	2.9	-1.2	-0.6	0.3	0.6	1.1	1.9
Unit labor costs .....	9.3	11.2	7.1	5.2	3.1	3.5	7.7	8.9	9.0	8.2	6.6	4.7
Unit nonlabor payments .....	12.1	5.1	-4.6	1.3	8.9	6.1	13.6	11.2	4.0	3.3	2.6	2.8
Implicit price deflator .....	10.2	9.2	3.3	4.0	4.9	4.3	9.6	9.6	7.4	6.6	5.3	4.1
<b>MANUFACTURING:</b>												
Output per hour of all persons .....	-0.1	-8.2	-2.4	0.8	7.3	r0.5	4.7	-0.8	-2.9	-2.5	-0.8	1.5
Output .....	-0.4	-18.7	-13.8	-5.1	-1.5	-10.0	7.5	-2.9	-8.0	-9.8	-10.0	-7.7
Hours .....	-0.3	-11.4	-11.7	-5.9	-8.1	-10.5	2.7	-2.1	-5.2	-7.4	-9.3	-9.1
Compensation per hour .....	6.8	9.6	11.1	7.8	6.2	4.5	8.9	8.9	8.5	8.8	8.7	7.4
Real compensation per hour .....	-4.6	1.6	7.6	3.1	-1.3	1.9	-1.7	-0.6	1.0	1.8	2.7	2.8
Unit labor costs .....	6.8	19.4	13.9	6.9	-1.0	r3.9	4.0	9.8	11.7	11.6	9.5	5.8
<b>DURABLE GOODS</b>												
Output per hour of all persons .....	-1.3	-8.0	-4.9	0.9	7.4	r0.8	5.4	-0.6	-3.8	-3.4	-1.3	1.0
Output .....	-1.6	-21.1	-17.5	-6.4	-4.2	-15.4	9.1	-3.2	-9.5	-12.0	-12.6	-11.0
Hours .....	-0.3	-14.2	-13.2	-7.2	-10.7	-16.1	3.5	-2.6	-6.0	-8.9	-11.4	-11.9
Compensation per hour .....	6.9	10.9	10.3	7.7	7.5	r4.5	9.0	9.1	8.4	8.9	9.1	r7.4
Real compensation per hour .....	-4.5	2.9	6.8	2.9	-0.1	r1.8	-1.6	-0.4	0.9	1.9	3.1	r2.8
Unit labor costs .....	8.3	20.5	15.9	6.7	0.1	r3.6	3.4	9.7	12.7	12.7	10.5	r6.4
<b>NONDURABLE GOODS</b>												
Output per hour of all persons .....	1.8	-8.8	1.1	0.7	7.0	-0.2	3.7	-1.1	-1.7	-1.4	-0.2	2.1
Output .....	1.4	-15.1	-8.3	-3.2	2.5	-2.0	5.3	-2.4	-5.6	-6.5	-6.2	-2.8
Hours .....	-0.4	-6.9	-9.3	-3.9	-4.2	-1.8	1.5	-1.2	-4.0	-5.2	-6.1	-4.8
Compensation per hour .....	6.5	8.2	13.2	8.5	4.9	6.4	8.4	8.7	8.8	9.1	8.7	8.2
Real compensation per hour .....	-4.8	0.3	9.6	3.8	-2.5	3.8	-2.2	-0.7	1.3	2.1	2.7	3.6
Unit labor costs .....	4.6	18.5	12.0	7.8	-2.0	6.7	4.5	10.0	10.8	10.6	8.8	6.0
<b>NONFINANCIAL CORPORATIONS:</b>												
Output per all-employee hour .....	0.2	-2.4	0.3	2.7	4.6	N.A.	1.6	0.5	-0.6	0.2	1.3	N.A.
Output .....	1.5	-7.5	-5.2	-0.4	0.6	N.A.	4.1	0.3	-2.7	-3.0	-3.2	N.A.
Hours .....	1.2	-5.1	-5.5	-3.1	-3.8	N.A.	2.4	-0.1	-2.2	-3.1	-4.4	N.A.
Compensation per hour .....	8.4	8.2	8.4	6.2	5.9	N.A.	9.2	8.9	8.0	7.8	7.2	N.A.
Real compensation per hour .....	-3.1	0.3	5.0	1.6	-1.6	N.A.	-1.4	-0.5	0.5	0.9	1.3	N.A.
Total unit costs .....	8.6	12.8	7.4	5.4	2.5	N.A.	8.9	9.8	9.7	8.5	7.0	N.A.
Unit labor costs .....	8.2	10.9	8.1	3.4	1.2	N.A.	7.5	8.4	8.6	7.6	5.8	N.A.
Unit nonlabor costs .....	9.8	17.8	5.7	10.7	5.9	N.A.	12.9	13.4	12.8	10.9	9.9	N.A.
Unit profits .....	28.4	-25.9	-39.4	-16.7	40.8	N.A.	19.7	7.9	-17.8	-16.7	-14.8	N.A.
Implicit price deflator .....	10.2	8.9	3.0	3.8	4.7	N.A.	9.7	9.6	7.3	6.4	5.1	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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>ALABAMA</b> <sup>1</sup> .....	\$287.02	\$294.71	\$298.10	39.4	39.4	39.8	\$7.30	\$7.48	\$7.49
Birmingham.....	333.74	303.81	308.50	40.7	38.9	39.2	8.20	7.81	7.87
Mobile.....	345.11	399.56	397.47	38.8	39.6	40.6	9.41	10.09	9.79
<b>ALASKA</b> .....	524.50	(*)	(*)	39.6	(*)	(*)	13.24	(*)	(*)
<b>ARIZONA</b> <sup>1</sup> .....	333.50	346.81	347.69	38.6	39.5	39.6	8.64	8.78	8.78
<b>ARKANSAS</b> <sup>1</sup> .....	251.79	271.66	273.14	38.5	39.2	39.3	6.54	6.93	6.95
Fayetteville—Springdale.....	232.41	247.83	253.26	38.1	39.4	40.2	6.10	6.29	6.30
Fort Smith.....	237.00	262.96	268.35	36.0	38.0	38.5	6.60	6.92	6.97
Little Rock—North Little Rock.....	295.06	321.57	326.70	38.8	39.7	39.6	7.62	8.10	8.25
Pine Bluff.....	330.07	363.19	358.18	40.8	40.9	40.2	8.09	8.88	8.91
<b>CALIFORNIA</b> <sup>1</sup> .....	353.46	368.71	369.03	39.1	39.1	39.3	9.04	9.43	9.39
<b>COLORADO</b> <sup>1</sup> .....	338.05	342.71	347.81	39.4	38.9	39.3	8.58	8.81	8.85
Denver—Boulder.....	339.47	356.32	363.53	39.2	38.9	39.6	8.66	9.16	9.18
<b>CONNECTICUT</b> <sup>1</sup> .....	327.02	347.58	335.29	40.8	40.7	39.4	8.03	8.54	8.51
Bridgeport.....	340.07	363.45	358.70	41.8	40.7	39.9	8.15	8.93	8.99
Hartford.....	342.40	375.77	347.47	40.2	40.8	38.1	8.51	9.21	9.12
New Britain.....	328.45	362.44	346.02	40.8	41.0	39.5	8.06	8.84	8.76
New Haven—West Haven.....	308.50	323.98	319.12	39.4	38.8	37.9	7.83	8.35	8.42
Stamford.....	294.12	331.06	322.31	39.8	39.6	38.6	7.39	8.36	8.35
Waterbury.....	272.28	296.53	290.87	40.7	40.9	39.9	6.69	7.25	7.29
<b>DELAWARE</b> <sup>1</sup> .....	323.83	352.52	347.85	39.3	39.3	38.1	8.24	8.97	9.13
Wilmington.....	376.44	404.69	397.55	39.5	39.1	38.3	9.53	10.35	10.38
<b>DISTRICT OF COLUMBIA</b> <sup>1</sup> .....									
Washington SMSA.....	356.43	360.61	347.03	38.7	38.2	36.3	9.21	9.44	9.56
<b>FLORIDA</b> <sup>1</sup> .....	280.03	291.85	290.80	41.0	40.2	40.0	6.83	7.26	7.27
Fort Lauderdale—Hollywood.....	270.27	280.69	280.22	41.2	41.4	41.7	6.56	6.78	6.72
Jacksonville.....	306.93	321.16	325.62	39.4	39.6	40.3	7.79	8.11	8.08
Lakeland—Winter Haven.....	301.89	292.70	284.80	42.7	41.4	40.0	7.07	7.07	7.12
Miami.....	232.40	232.86	233.19	40.0	38.3	38.8	5.81	6.08	6.01
Orlando.....	256.19	306.61	304.97	41.6	41.1	40.5	7.12	7.46	7.53
Pensacola.....	321.17	344.32	347.68	40.5	40.7	41.0	7.93	8.46	8.48
Tampa—St. Petersburg.....	244.27	294.07	294.26	39.8	40.9	40.7	6.64	7.19	7.23
West Palm Beach—Boca Raton.....	306.74	333.33	339.29	42.9	41.0	42.2	7.15	8.13	8.04
<b>GEORGIA</b> <sup>1</sup> .....	259.23	272.74	279.40	39.1	39.3	39.8	6.63	6.94	7.02
Atlanta.....	312.03	324.58	348.06	39.2	39.2	40.9	7.96	8.28	8.51
Savannah.....	349.81	382.32	356.89	41.3	43.2	40.1	8.47	8.85	8.90
<b>HAWAII</b> <sup>2</sup> .....	300.29	323.02	320.53	38.4	38.5	38.9	7.82	8.39	8.25
Honolulu.....	299.49	321.30	318.90	38.2	37.8	38.1	7.84	8.50	8.37
<b>IDAHO</b> <sup>1</sup> .....	256.40	315.06	316.11	36.6	35.6	36.8	8.10	8.85	8.59
Boise City.....	311.00	298.50	305.90	38.3	37.5	38.0	8.12	7.56	8.05
<b>ILLINOIS</b> .....	344.98	374.07	376.11	39.5	39.5	39.8	9.24	9.47	9.45
Bloomington—Normal.....	326.02	360.48	379.39	38.4	39.7	41.6	8.49	9.08	9.12
Champaign—Urbana—Rantoul.....	335.19	358.57	342.53	38.5	40.7	38.4	8.81	8.81	8.92
Chicago SMSA <sup>3</sup> .....	330.20	366.21	371.84	38.7	39.0	39.6	8.54	9.39	9.39
Davenport—Rock Island—Moline.....	443.87	457.43	462.43	38.1	38.7	38.6	11.65	11.82	11.98
Decatur.....	463.91	463.34	473.60	40.2	39.4	40.0	11.54	11.76	11.84
Kankakee.....	302.27	306.06	306.73	37.4	37.6	37.0	8.09	8.14	8.29
Peoria.....	417.80	438.10	441.69	38.5	39.9	39.9	12.67	10.98	11.07
Rockford.....	373.73	375.20	374.46	40.1	40.0	39.5	9.32	9.38	9.48
Springfield.....	355.99	451.54	451.82	39.8	40.9	41.0	10.05	11.04	11.02
<b>INDIANA</b> <sup>1</sup> .....	384.15	398.59	399.38	39.4	39.7	39.7	9.75	10.04	10.06
Gary—Hammond—East Chicago <sup>4</sup> .....	530.55	(*)	(*)	40.5	(*)	(*)	13.10	(*)	(*)
Indianapolis.....	357.54	(*)	(*)	40.4	(*)	(*)	9.84	(*)	(*)
<b>IOWA</b> <sup>1</sup> .....	352.61	392.61	388.61	39.3	39.3	38.9	9.99	9.99	9.99
Cedar Rapids.....	395.29	396.98	398.99	40.2	39.5	39.7	9.94	10.05	10.05
Des Moines.....	416.18	428.96	445.74	38.9	38.3	39.1	10.75	11.20	11.40

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>IOWA—Continued</b>									
Dubuque .....	\$456.27	\$367.44	\$393.00	39.3	38.8	37.5	\$11.61	\$9.47	\$10.48
Sloux City .....	321.50	389.90	350.36	39.4	41.7	38.8	8.16	9.35	5.03
Waterloo—Cedar Falls .....	521.70	482.11	427.58	40.5	38.6	39.1	13.00	12.49	12.47
<b>KANSAS<sup>1</sup></b>									
Topeka .....	341.05	344.66	349.53	39.8	38.0	38.2	8.57	9.07	9.15
Wichita .....	347.79	313.95	305.52	38.6	34.5	34.6	9.01	9.10	8.83
Wichita .....	366.04	393.09	413.92	41.2	40.4	41.6	9.37	9.73	9.95
<b>KENTUCKY<sup>1</sup></b>									
Lexington—Fayette .....	320.19	334.23	332.52	38.3	39.0	38.8	8.36	8.57	8.57
Lexington—Fayette .....	331.66	357.82	363.56	38.7	38.6	38.8	8.57	9.27	9.37
Louisville .....	378.24	387.27	382.18	35.4	39.0	38.8	9.60	9.93	9.85
<b>LOUISIANA<sup>1</sup></b>									
Baton Rouge .....	361.14	389.64	376.89	41.7	40.8	39.3	9.14	9.55	9.59
Baton Rouge .....	456.21	478.17	452.01	41.1	41.4	39.0	11.10	11.55	11.59
New Orleans .....	356.06	368.74	332.79	39.3	40.7	37.1	9.06	9.06	8.97
Shreveport .....	325.62	365.64	370.54	40.3	39.7	39.8	8.08	9.21	9.31
<b>MAINE<sup>1</sup></b>									
Lewiston—Auburn .....	278.50	300.05	288.78	39.9	39.9	38.3	6.98	7.52	7.54
Lewiston—Auburn .....	214.48	232.70	228.75	37.3	38.4	37.5	5.75	6.06	6.10
Portland .....	275.80	284.25	266.52	39.4	37.9	35.3	7.00	7.50	7.55
<b>MARYLAND</b>									
Baltimore .....	338.69	353.07	328.68	39.2	39.1	36.0	8.64	9.03	9.13
Baltimore .....	361.78	382.24	354.05	39.8	39.9	36.5	9.09	9.58	9.70
<b>MASSACHUSETTS<sup>2</sup></b>									
Boston .....	289.67	307.72	293.14	39.6	39.3	37.2	7.32	7.83	7.88
Boston .....	308.68	332.28	319.02	39.6	39.0	37.4	7.80	8.52	8.53
Brockton .....	233.61	241.50	228.51	39.0	37.5	35.6	5.99	6.44	6.43
Fall River .....	265.35	212.44	205.22	36.6	34.6	33.1	5.72	6.14	6.20
Lawrence—Haverhill .....	266.10	308.50	291.75	39.8	39.2	37.5	7.49	7.87	7.78
Lowell .....	266.36	271.93	259.52	40.3	38.3	36.5	6.61	7.10	7.11
New Bedford .....	252.56	258.22	235.18	38.5	37.1	32.8	6.56	6.96	7.17
Springfield—Chicopee—Holyoke .....	254.35	318.76	304.51	40.6	40.4	38.4	7.25	7.89	7.93
Worcester .....	362.16	319.51	293.83	39.5	39.3	36.5	7.65	8.13	8.05
<b>MICHIGAN<sup>1</sup></b>									
Ann Arbor .....	440.32	467.63	471.54	40.1	41.1	41.4	10.99	11.37	11.39
Ann Arbor .....	472.56	490.22	491.95	41.5	42.8	42.6	11.38	11.45	11.54
Battle Creek .....	422.63	450.03	444.55	40.5	39.3	39.4	10.68	11.46	11.28
Bay City .....	366.90	401.59	400.05	40.3	41.5	40.9	9.61	9.67	5.79
Detroit .....	483.73	494.65	509.68	41.3	41.2	42.1	11.70	11.99	12.10
Flint .....	489.41	544.93	545.39	38.3	41.2	41.4	12.78	13.22	13.17
Grand Rapids .....	361.18	381.33	385.37	38.9	39.7	40.1	9.27	9.60	9.62
Jackson .....	405.32	386.90	413.25	41.4	43.6	43.1	9.86	9.52	9.59
Kalamazoo—Portage .....	406.06	432.18	430.07	40.2	40.9	40.4	10.12	10.57	10.66
Lansing—East Lansing .....	461.09	574.71	527.83	38.2	44.0	41.4	12.06	13.05	12.75
Muskegon—Norton Shores—Muskegon Heights .....	368.66	398.04	402.12	38.9	39.4	39.7	9.48	10.09	10.13
Saginaw .....	476.52	535.13	549.62	38.1	40.5	41.6	12.58	13.23	13.22
<b>MINNESOTA<sup>1</sup></b>									
Duluth—Superior .....	352.92	371.94	375.80	39.5	39.4	39.6	8.96	9.44	9.49
Duluth—Superior .....	318.82	354.61	358.61	36.9	36.9	37.2	8.64	9.61	9.64
Minneapolis—St. Paul .....	370.44	389.67	394.22	35.2	39.4	39.7	9.45	9.89	9.93
St. Cloud .....	282.36	303.77	306.53	37.3	37.0	37.2	7.57	8.21	8.24
<b>MISSISSIPPI<sup>1</sup></b>									
Jackson .....	247.16	256.62	257.01	38.8	39.0	39.0	6.37	6.58	6.59
Jackson .....	266.56	287.78	297.35	38.8	39.1	39.7	6.87	7.36	7.49
<b>MISSOURI<sup>1</sup></b>									
Kansas City .....	318.97	339.39	341.25	38.2	39.1	39.0	8.35	8.68	8.75
Kansas City .....	372.49	389.46	390.65	39.5	39.7	39.7	9.43	9.81	9.84
St. Joseph .....	299.92	307.84	309.67	38.6	37.0	37.4	7.77	8.32	8.28
St. Louis .....	363.44	387.69	391.45	38.5	39.2	39.5	9.44	9.89	9.91
Springfield .....	360.75	308.83	321.77	40.1	39.9	41.2	7.50	7.74	7.81
<b>MONTANA<sup>1</sup></b>									
.....	363.83	414.12	403.46	38.5	40.6	39.4	9.45	10.20	10.24
<b>NEBRASKA<sup>1</sup></b>									
Lincoln .....	333.28	349.05	335.87	40.3	39.8	39.1	8.27	8.77	8.55
Lincoln .....	301.62	327.84	329.47	37.1	37.9	38.4	8.13	8.65	8.58
Omaha .....	326.31	355.15	350.10	38.8	39.2	38.6	8.41	9.06	9.07
<b>NEVADA<sup>2</sup></b>									
Las Vegas .....	322.27	331.76	338.45	37.3	37.7	38.2	8.64	8.80	8.86
Las Vegas .....	420.79	414.75	(*)	39.4	39.5	(*)	10.68	10.50	(*)

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>NEW HAMPSHIRE</b> <sup>1</sup>	\$269.96	\$290.24	\$283.53	39.7	40.2	39.0	\$6.80	\$7.22	\$7.27
Manchester	250.73	279.09	269.25	39.3	39.7	38.3	6.38	7.03	7.03
Nashua	308.77	336.56	333.45	40.1	40.5	39.0	7.70	8.31	8.55
<b>NEW JERSEY</b> <sup>2</sup>	338.52	361.89	348.43	40.3	40.3	38.5	8.40	8.98	9.05
Atlantic City	267.06	271.74	246.54	39.8	37.9	34.1	6.71	7.17	7.23
Camden <sup>3</sup>	332.48	375.36	360.36	39.3	40.2	38.5	8.46	9.33	9.36
Hackensack <sup>4</sup>	296.11	313.56	303.53	39.8	39.0	37.8	7.44	8.04	8.03
Jersey City <sup>5</sup>	324.77	336.20	326.17	39.8	39.6	38.6	8.16	8.49	8.45
New Brunswick—Perth Amboy—Sayreville <sup>6</sup>	365.57	392.42	391.30	41.4	39.4	38.4	9.41	9.96	10.19
Newark <sup>7</sup>	353.38	362.34	351.82	40.9	39.6	38.2	8.64	9.15	9.21
Paterson—Clifton—Passaic <sup>8</sup>	308.40	325.70	314.53	40.0	39.1	37.4	7.71	8.33	8.41
Trenton	324.24	347.85	330.13	38.6	39.8	37.6	8.40	8.74	8.78
<b>NEW MEXICO</b> <sup>1</sup>	275.48	257.48	300.70	38.8	40.2	40.2	7.10	7.40	7.48
Albuquerque	285.72	301.90	296.46	38.3	40.2	39.9	7.46	7.51	7.43
<b>NEW YORK</b> <sup>1</sup>	318.98	334.66	(*)	38.9	38.6	(*)	8.20	8.67	(*)
Albany—Schenectady—Troy	330.91	353.63	(*)	39.3	39.6	(*)	8.42	8.93	(*)
Binghamton	292.94	308.74	(*)	41.4	40.2	(*)	7.10	7.68	(*)
Buffalo	412.48	435.24	(*)	39.7	40.3	(*)	10.39	10.80	(*)
Elmira	321.20	345.05	(*)	40.0	39.3	(*)	8.03	8.78	(*)
Monroe County <sup>2</sup>	442.45	(*)	(*)	41.2	(*)	(*)	10.74	(*)	(*)
Nassau—Suffolk <sup>3</sup>	312.04	326.54	(*)	39.3	39.2	(*)	7.94	8.33	(*)
New York—Northeastern New Jersey <sup>4</sup>	308.40	321.18	318.10	39.0	38.1	37.6	7.90	8.43	8.46
New York and Nassau—Suffolk <sup>5</sup>	280.87	298.28	(*)	37.4	37.1	(*)	7.51	8.04	(*)
New York BMSA <sup>6</sup>	272.32	289.02	(*)	36.9	36.4	(*)	7.38	7.94	(*)
New York City <sup>7</sup>	268.28	283.75	(*)	36.7	36.1	(*)	7.31	7.86	(*)
Poughkeepsie	333.16	365.50	(*)	43.1	42.5	(*)	7.73	8.60	(*)
Rochester	416.36	430.14	(*)	40.9	40.2	(*)	10.18	10.70	(*)
Rockland County <sup>8</sup>	323.56	337.95	(*)	39.7	39.9	(*)	8.15	8.47	(*)
Syracuse	352.00	373.33	(*)	40.6	40.1	(*)	8.67	9.31	(*)
Utica—Rome	200.60	314.36	(*)	39.5	39.1	(*)	7.61	8.04	(*)
Westchester County <sup>9</sup>	291.75	320.26	(*)	37.5	37.9	(*)	7.78	8.45	(*)
<b>NORTH CAROLINA</b> <sup>1</sup>	234.87	252.01	250.80	37.7	38.3	38.0	6.23	6.58	6.60
Asheville	234.78	245.63	251.66	39.0	38.2	39.2	6.02	6.43	6.42
Charlotte—Gastonia	241.72	261.89	272.16	38.8	39.5	40.5	6.23	6.63	6.72
Greensboro—Winston-Salem—High Point	253.08	271.13	255.25	37.0	37.5	35.6	6.84	7.23	7.17
Raleigh—Durham	282.46	298.37	301.86	38.8	38.8	38.8	7.28	7.69	7.78
<b>NORTH DAKOTA</b> <sup>1</sup>	283.04	285.01	288.41	38.3	37.7	37.7	7.39	7.56	7.65
Fargo—Moorhead	304.03	290.27	298.58	40.7	38.6	37.7	7.47	7.52	7.92
<b>OHIO</b> <sup>1</sup>	395.79	415.09	418.54	40.1	40.3	40.4	9.87	10.30	10.36
Akron	406.43	433.93	430.78	41.6	42.5	42.4	9.77	10.21	10.16
Canton	394.97	408.67	407.33	39.3	38.7	38.5	10.05	10.56	10.58
Cincinnati	368.15	397.94	402.57	39.8	40.4	40.5	9.25	9.85	9.94
Cleveland	396.37	409.54	408.75	40.2	39.8	39.8	9.86	10.29	10.27
Columbus	360.19	383.84	387.20	39.8	39.9	40.0	9.05	9.62	9.68
Dayton	352.80	406.40	412.05	40.0	40.0	40.2	9.82	10.16	10.25
Toledo	439.11	460.65	461.48	41.0	41.5	41.5	10.71	11.10	11.12
Youngstown—Warren	455.81	481.20	494.91	39.3	40.1	40.7	11.70	12.00	12.16
<b>OKLAHOMA</b> <sup>1</sup>	332.42	360.10	357.30	39.2	40.1	39.7	8.48	8.98	9.00
Oklahoma City	337.39	377.20	377.34	39.6	40.0	40.1	8.52	9.43	9.41
Tulsa	362.61	379.66	382.01	39.5	38.9	39.1	9.18	9.76	9.77
<b>OREGON</b> <sup>1</sup>	365.68	392.81	(*)	37.8	38.1	(*)	9.78	10.31	(*)
Eugene—Springfield <sup>2</sup>	380.56	(*)	(*)	37.2	(*)	(*)	10.23	(*)	(*)
Medford <sup>3</sup>	362.35	366.91	(*)	39.2	38.3	(*)	9.22	9.58	(*)
Portland <sup>4</sup>	380.77	(*)	(*)	38.5	(*)	(*)	9.89	(*)	(*)
Salem	353.65	(*)	(*)	36.8	(*)	(*)	9.61	(*)	(*)
<b>PENNSYLVANIA</b> <sup>2</sup>	332.96	338.57	326.57	38.9	38.3	36.9	8.56	8.84	8.85
Allentown—Bethlehem—Easton	348.81	327.00	310.61	38.8	37.5	34.9	8.99	8.72	8.90
Allentown	284.06	285.72	284.43	38.7	37.3	36.7	7.20	7.66	7.75
Delaware Valley <sup>3</sup>	341.04	354.43	336.30	39.2	38.4	36.2	8.70	9.23	9.29
Erie	363.26	362.60	369.07	41.0	39.2	39.6	8.86	9.25	9.32
Harrisburg	322.87	328.95	316.23	39.0	38.7	36.9	8.30	8.50	8.57
Johnstown	326.53	281.06	281.75	36.9	33.7	35.0	8.86	8.34	8.05

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>PENNSYLVANIA—Continued</b>									
Lancaster	\$285.94	\$319.02	\$294.74	38.1	39.0	35.9	\$7.61	\$8.18	\$8.21
Northeast Pennsylvania	244.57	263.49	260.99	37.0	36.8	36.4	6.61	7.16	7.17
Philadelphia SMSA	341.60	357.98	340.38	39.3	38.7	36.6	8.67	9.25	9.30
Pittsburgh	428.27	414.35	408.67	40.1	37.6	37.7	10.68	11.02	10.84
Reading	307.17	316.91	298.48	38.3	38.6	36.4	8.02	8.21	8.20
Williamsport	331.70	314.20	306.66	40.6	38.6	38.0	8.13	8.14	8.07
York	317.56	313.18	293.56	40.2	40.1	37.4	7.90	7.81	7.86
<b>RHODE ISLAND<sup>1</sup></b>									
Providence—Warwick—Pawtucket	249.48	263.55	241.47	38.8	38.7	35.2	6.43	6.81	6.86
	247.54	258.52	237.60	38.8	38.7	35.2	6.38	6.68	6.75
<b>SOUTH CAROLINA<sup>1</sup></b>									
Charleston—North Charleston	254.02	271.66	273.71	39.2	39.6	39.9	6.48	6.86	6.86
Columbia	303.91	328.78	339.90	40.2	39.9	41.1	7.56	8.24	8.27
Greenville—Spartanburg <sup>2</sup>	242.16	252.72	260.40	38.5	39.0	40.0	6.29	6.48	6.51
	255.36	262.68	262.94	39.9	39.5	39.6	6.40	6.65	6.64
<b>SOUTH DAKOTA<sup>1</sup></b>									
Sioux Falls	303.58	316.78	316.01	43.0	40.2	39.9	7.06	7.88	7.92
	417.88	(*)	(*)	51.4	(*)	(*)	8.13	(*)	(*)
<b>TENNESSEE<sup>1</sup></b>									
Chattanooga	274.40	293.38	294.52	39.2	39.7	39.8	7.00	7.39	7.40
Knoxville <sup>2</sup>	276.36	297.88	300.64	39.2	41.2	41.9	7.05	7.23	7.18
Memphis <sup>2</sup>	325.01	336.48	340.88	39.3	39.4	39.5	8.27	8.54	8.63
Nashville—Davidson	316.52	318.27	321.50	41.0	39.1	39.4	7.72	8.14	8.16
	310.27	328.44	326.83	40.4	40.3	40.3	7.68	8.15	8.11
<b>TEXAS<sup>1</sup></b>									
Dallas—Fort Worth	345.20	355.59	354.71	40.9	40.5	40.4	8.44	8.78	8.78
Houston	324.01	348.00	345.93	40.3	40.0	39.4	8.04	8.70	8.78
San Antonio	435.64	428.16	427.03	43.4	40.7	40.4	10.13	10.52	10.57
	245.26	252.55	250.63	40.0	39.4	39.1	6.13	6.41	6.41
<b>UTAH<sup>1</sup></b>									
Salt Lake City—Ogden	317.81	333.59	329.95	38.9	38.3	38.1	8.17	8.71	8.66
	312.05	339.31	336.26	39.6	39.5	39.1	7.88	8.59	8.60
<b>VERMONT<sup>1</sup></b>									
Burlington	264.14	301.75	299.47	39.3	39.6	39.3	7.23	7.62	7.62
Springfield	326.40	355.31	355.72	41.9	41.9	41.8	7.79	8.48	8.51
	255.13	315.61	314.82	39.0	39.9	39.5	7.67	7.91	7.97
<b>VIRGINIA<sup>1</sup></b>									
Bristol	279.03	292.16	275.08	38.7	38.8	36.1	7.21	7.53	7.62
Lynchburg	234.60	245.60	243.59	37.9	38.8	38.3	6.19	6.33	6.36
Norfolk—Virginia Beach—Portsmouth	264.88	262.36	240.01	38.5	36.9	33.9	6.88	7.11	7.08
Northern Virginia <sup>2</sup>	302.25	326.65	306.89	40.3	41.4	38.7	7.50	7.89	7.93
Petersburg—Colonial Heights—Hopewell	300.13	347.21	322.62	39.7	40.8	38.0	7.56	8.51	8.49
Richmond	358.36	350.06	342.96	38.7	37.4	35.8	9.26	9.36	9.58
Roanoke	371.16	371.13	349.52	40.3	38.7	36.0	9.21	9.59	9.72
	257.08	271.08	239.06	38.6	40.4	34.2	6.66	6.71	6.99
<b>WASHINGTON</b>									
Seattle—Everett	427.50	(*)	(*)	38.9	(*)	(*)	11.00	(*)	(*)
	452.57	(*)	(*)	40.3	(*)	(*)	11.23	(*)	(*)
<b>WEST VIRGINIA<sup>1</sup></b>									
Charleston	360.51	376.66	368.05	39.4	39.4	38.1	9.15	9.56	9.66
Huntington—Ashland	433.44	443.50	440.08	42.0	41.8	40.9	10.32	10.61	10.76
Parkersburg—Marletta	352.48	396.36	421.42	38.2	36.0	38.0	10.29	11.01	11.09
Wheeling	383.66	431.32	424.27	40.3	41.0	40.6	9.52	10.52	10.45
	355.36	417.30	414.86	39.3	39.0	38.7	10.06	10.70	10.72
<b>WISCONSIN</b>									
Appleton—Oshkosh	368.68	384.49	389.74	39.8	39.8	40.1	9.27	9.66	9.72
Eau Claire	367.14	385.54	380.24	41.3	41.8	41.4	8.89	9.23	9.18
Green Bay	353.00	370.92	367.21	40.6	40.2	40.3	8.72	9.23	9.10
Janesville—Beloit	385.21	411.08	415.69	41.0	40.7	40.7	9.39	10.11	10.22
Kenosha	351.46	399.71	473.58	40.3	40.7	44.5	8.73	9.82	10.66
La Crosse	420.31	457.39	452.88	39.5	39.8	39.3	10.64	11.49	11.53
Madison	325.60	334.64	346.59	39.1	38.8	39.6	8.34	8.62	8.76
Milwaukee	359.72	370.89	374.02	38.7	39.2	39.5	9.30	9.46	9.46
Racine	407.95	425.30	426.27	39.9	39.8	39.7	10.24	10.69	10.73
	352.64	379.92	385.48	40.1	39.2	39.4	9.79	9.70	9.77
<b>WYOMING<sup>1</sup></b>									
	329.26	256.57	289.87	38.6	36.3	36.6	8.53	8.17	7.92

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>VIRGIN ISLANDS<sup>2</sup></b> .....	\$389.74	\$450.02	\$407.36	41.6	42.9	40.9	\$9.37	\$10.49	\$9.96

<sup>1</sup> State and areas based on March 1982 benchmarks, except for Seattle-Everett, Washington.

<sup>2</sup> State and areas revised to March 1982 benchmarks; not strictly comparable with previously published data. The area exception is Indianapolis, Indiana.

<sup>3</sup> Area included in Chicago—Gary Standard Consolidated Statistical Area.

<sup>4</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>5</sup> Subarea of New York—Northeastern New Jersey.

<sup>6</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>7</sup> Area included in New York and Nassau—Suffolk combined SMSA's.

<sup>8</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>9</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>10</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.

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>ALABAMA</b> .....	1,660.8	1,731.5	1,736.4	214.2	289.9	279.9	12.9	16.7	16.1
Birmingham .....	375.3	392.8	391.9	43.3	64.6	61.0	11.5	16.5	15.6
Huntsville .....	145.0	151.9	153.0	17.0	19.8	19.7	11.7	13.0	12.9
Mobile .....	185.6	197.3	196.9	20.2	32.4	31.5	10.9	16.4	16.0
Montgomery .....	121.9	123.7	124.5	13.1	16.5	15.9	10.7	13.3	12.7
Tuscaloosa .....	54.8	56.0	56.8	6.4	8.1	8.6	11.7	14.5	15.2
<b>ALASKA</b> .....	194.3	206.6	208.1	23.6	25.3	26.0	12.2	12.2	12.5
<b>ARIZONA</b> .....	1,300.5	1,329.2	1,339.0	108.2	147.6	151.2	8.3	11.1	11.3
Phoenix .....	797.5	811.6	815.8	52.6	72.4	72.5	6.6	8.9	8.9
Tucson .....	238.0	248.8	250.4	19.1	27.9	29.1	8.0	11.2	11.6
<b>ARKANSAS</b> .....	995.1	999.3	1,011.2	106.9	113.1	106.9	10.7	11.3	10.6
Fayetteville-Springdale .....	81.7	82.6	83.3	6.6	6.9	6.2	8.1	8.4	7.4
Fort Smith <sup>1</sup> .....	87.1	84.6	84.7	9.3	10.2	9.9	10.7	12.1	11.7
Little Rock—North Little Rock .....	192.6	196.3	196.6	14.9	16.3	15.2	7.7	8.3	7.7
Pine Bluff .....	38.1	37.3	37.8	4.0	4.2	4.2	10.5	11.2	11.1
<b>CALIFORNIA</b> <sup>2</sup> .....	11,985.4	12,234.4	12,211.5	1,148.8	1,433.7	1,450.9	9.6	11.7	11.9
Anaheim—Santa Ana—Garden Grove .....	1,188.7	1,216.4	1,212.3	73.2	102.4	97.9	6.2	8.4	8.1
Bakersfield .....	202.7	216.1	217.7	23.4	31.8	34.9	11.6	14.7	16.0
Fresno .....	277.1	289.2	292.8	42.7	49.2	54.9	15.4	17.0	18.8
Los Angeles—Long Beach <sup>3</sup> .....	3,761.0	3,701.0	3,693.0	312.0	407.0	424.0	8.3	11.0	11.5
Modesto .....	136.5	140.8	143.6	29.0	31.0	34.2	21.3	22.0	23.8
Oxnard—Simi Valley—Ventura .....	256.1	269.5	270.6	23.9	31.3	30.7	9.3	11.6	11.4
Riverside—San Bernardino—Ontario .....	625.7	656.2	650.3	68.3	86.8	82.4	10.9	13.2	12.7
Sacramento .....	509.5	529.5	527.4	61.2	68.3	67.3	12.0	12.9	12.8
Salinas—Seaside—Monterey .....	137.7	144.8	145.5	22.7	25.9	26.5	16.5	17.9	18.2
San Diego .....	823.0	849.3	847.5	70.2	88.8	87.9	8.5	10.5	10.4
San Francisco—Oakland .....	1,725.4	1,790.6	1,778.7	129.6	172.3	165.0	7.5	9.6	9.3
San Jose .....	805.9	840.5	836.3	60.9	76.9	74.1	7.6	9.1	8.9
Santa Barbara—Santa Maria—Lompoc .....	158.5	165.4	165.7	13.0	15.7	15.4	8.2	9.5	9.3
Santa Rosa .....	144.9	150.7	151.2	15.8	18.0	18.3	10.9	11.9	12.1
Stockton .....	171.3	176.2	174.8	32.2	34.8	35.7	18.8	19.8	20.4
Vallejo—Fairfield—Napa .....	137.6	144.3	143.8	15.5	19.6	19.4	11.2	13.6	13.5
<b>COLORADO</b> .....	1,537.5	1,579.8	1,590.0	109.2	150.6	150.7	7.1	9.5	9.5
Denver—Boulder .....	916.7	940.3	945.1	54.6	75.1	74.3	6.0	8.0	7.9
<b>CONNECTICUT</b> .....	1,585.6	1,587.3	1,589.3	116.1	131.3	131.5	7.3	8.3	8.3
Bridgeport .....	191.2	190.7	189.8	14.4	19.0	17.4	7.5	9.9	9.2
Hartford .....	385.7	384.5	386.0	26.8	27.5	29.5	7.0	7.1	7.6
New Britain .....	73.9	71.8	71.8	6.8	6.8	6.6	9.2	9.5	9.2
New Haven—West Haven .....	195.6	195.8	196.1	14.2	16.5	16.5	7.3	8.5	8.4
Stamford .....	124.4	126.9	126.6	5.9	6.2	6.6	4.7	4.9	5.2
Waterbury .....	103.4	104.0	102.8	9.3	11.9	10.9	9.0	11.5	10.6
<b>DELAWARE</b> .....	289.0	287.6	289.9	30.4	24.4	24.1	10.5	8.5	8.3
Wilmington <sup>1</sup> .....	259.1	256.1	256.7	27.6	22.3	21.8	10.6	8.7	8.5
<b>DISTRICT OF COLUMBIA</b> .....	310.4	314.7	313.4	32.0	32.7	32.6	10.3	10.4	10.4
Washington SMSA <sup>1</sup> .....	1,669.7	1,692.4	1,691.5	98.3	98.7	96.7	5.9	5.8	5.7
<b>FLORIDA</b> <sup>2</sup> .....	4,527.8	4,783.4	4,679.0	319.5	498.6	444.0	7.1	10.4	9.5
Daytona Beach .....	111.7	114.6	113.5	7.4	11.1	9.6	6.7	9.7	8.5
Fort Lauderdale—Hollywood .....	481.4	498.3	488.5	27.3	45.5	40.8	5.7	9.1	8.3
Fort Myers—Cape Coral .....	98.5	107.0	106.0	6.6	10.9	10.9	6.8	10.1	10.3
Gainesville .....	76.6	79.2	76.2	2.9	5.0	4.2	3.8	6.3	5.6
Jacksonville .....	333.0	356.6	349.6	21.1	34.4	30.9	6.3	9.6	8.8
Lakeland—Winter Haven .....	148.6	155.8	150.8	14.5	24.9	22.3	9.8	16.0	14.8
Melbourne—Titusville—Cocoa .....	120.0	127.2	125.3	7.9	12.5	11.7	6.6	9.8	9.3
Miami .....	822.0	842.7	819.4	74.5	93.8	82.8	9.1	11.1	10.1
Orlando .....	373.2	409.7	402.1	23.4	35.7	31.5	6.3	8.7	7.8
Pensacola .....	119.3	129.8	125.6	8.0	13.5	11.0	6.7	10.4	8.7
Sarasota .....	81.3	85.2	83.9	4.8	8.2	7.3	5.9	9.6	8.7
Tallahassee .....	84.8	85.7	84.1	3.4	5.6	4.8	4.0	6.5	5.7
Tampa—St. Petersburg .....	709.0	755.0	739.8	44.6	74.7	65.5	6.3	9.9	8.8
West Palm Beach—Boca Raton .....	275.2	291.6	285.5	16.2	27.1	24.3	5.9	9.3	8.5

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>GEORGIA</b> .....	2,604.1	2,623.5	2,649.3	211.2	217.2	225.4	8.1	8.3	8.5
Albany .....	52.9	51.6	51.8	4.6	5.2	5.3	8.7	10.0	10.2
Athens .....	64.8	65.6	66.3	4.0	4.8	5.2	6.2	7.3	7.9
Atlanta .....	1,072.5	1,096.1	1,102.3	73.2	76.2	78.6	6.8	7.0	7.1
Augusta .....	132.8	135.9	137.0	10.6	13.4	12.9	8.0	9.9	9.4
Columbus <sup>1</sup> .....	88.1	86.7	87.3	8.8	8.6	8.9	10.0	10.0	10.2
Macon .....	108.3	107.0	108.0	8.3	8.4	9.0	7.7	7.8	8.3
Savannah .....	97.6	97.7	98.6	7.4	8.9	9.5	7.6	9.1	9.6
<b>HAWAII</b> .....	455.8	458.5	464.3	29.8	25.7	26.1	6.5	5.6	5.6
Honolulu .....	349.8	351.2	356.2	21.0	17.3	17.8	6.0	4.9	5.0
<b>IDAHO</b> .....	421.1	433.9	438.5	48.6	56.2	56.9	11.5	12.9	13.0
Boise City .....	90.6	92.4	94.5	7.2	9.1	9.6	7.9	9.9	10.1
<b>ILLINOIS<sup>2</sup></b> .....	5,537.8	5,583.6	5,571.7	559.7	755.8	769.5	10.1	13.5	13.8
Bloomington—Normal .....	61.8	62.1	63.1	4.5	6.0	6.3	7.3	9.6	10.0
Champaign—Urbana—Rantoul .....	85.0	82.7	85.1	4.2	6.1	6.2	5.0	7.4	7.3
Chicago .....	3,475.4	3,488.3	3,476.8	327.3	418.6	429.9	9.4	12.0	12.4
Davenport—Rock Island—Moline <sup>1</sup> .....	190.3	196.7	192.9	19.9	37.8	35.1	10.4	19.2	18.2
Decatur .....	63.0	64.4	63.8	7.7	12.1	12.3	12.3	18.8	19.4
Kankakee .....	42.2	41.1	40.6	6.6	8.4	8.7	15.8	20.5	21.4
Peoria .....	174.1	177.2	176.5	18.5	32.5	33.9	10.7	18.4	19.2
Rockford .....	135.8	135.3	131.2	19.8	27.9	23.8	14.5	20.6	18.1
Springfield .....	98.3	99.0	98.6	7.5	10.0	10.4	7.6	10.0	10.6
<b>INDIANA</b> .....	2,586.3	2,580.2	2,560.7	328.5	357.4	338.8	12.7	13.9	13.2
Anderson .....	57.8	54.8	54.7	12.3	9.6	9.0	21.2	17.5	16.5
Elkhart .....	68.0	68.8	68.3	8.0	7.6	6.2	11.7	11.1	9.1
Evansville <sup>1</sup> .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Fort Wayne .....	187.0	185.5	184.4	23.7	24.9	24.6	12.6	13.4	13.3
Gary—Hammond—East Chicago .....	285.3	285.1	283.9	39.6	51.1	49.0	13.9	17.9	17.3
Indianapolis .....	592.1	598.7	594.8	58.2	64.8	63.0	9.8	10.8	10.6
Lafayette—West Lafayette .....	64.3	63.5	64.0	4.7	5.2	5.6	7.3	8.2	8.7
Muncie .....	57.6	55.8	55.0	9.7	9.0	8.1	16.9	16.1	14.7
South Bend .....	139.9	138.3	136.9	15.4	16.1	14.7	11.0	11.6	10.7
Terre Haute .....	82.0	80.6	80.1	10.8	12.5	12.0	13.1	15.5	14.9
<b>IOWA</b> .....	1,375.9	1,390.4	1,410.9	126.2	154.3	152.6	9.2	11.1	10.8
Cedar Rapids .....	85.7	83.7	84.5	8.2	9.3	9.4	9.6	11.1	11.1
Des Moines .....	181.9	183.5	184.4	15.1	16.4	16.2	8.3	8.9	8.8
Dubuque .....	43.7	42.4	42.9	5.6	8.9	7.2	12.9	21.0	16.9
Sioux City <sup>1</sup> .....	53.4	54.4	54.5	4.5	5.3	5.0	8.4	9.7	9.2
Waterloo—Cedar Falls .....	67.3	65.7	66.4	7.4	9.0	9.4	10.9	13.7	14.2
<b>KANSAS</b> .....	1,169.3	1,181.4	1,197.7	66.1	90.0	88.2	5.6	7.6	7.4
Lawrence .....	34.4	34.2	35.1	1.7	1.7	1.8	4.8	5.1	5.1
Topeka .....	94.6	96.4	97.9	6.6	7.6	7.5	7.0	7.9	7.7
Wichita .....	224.2	221.8	224.0	12.8	24.0	21.2	5.7	10.8	9.5
<b>KENTUCKY</b> .....	1,635.7	1,668.1	1,657.4	183.3	202.1	207.6	11.2	12.1	12.5
Lexington—Fayette .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Louisville <sup>1</sup> .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Owensboro .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>LOUISIANA</b> .....	1,826.4	1,820.4	1,820.2	163.1	214.1	211.0	8.9	11.8	11.6
Alexandria .....	71.9	72.9	72.4	8.1	9.3	8.7	11.2	12.8	12.0
Baton Rouge .....	224.1	226.9	227.3	16.6	21.8	20.7	7.4	9.6	9.1
Lafayette .....	96.7	99.9	99.5	3.8	6.6	6.6	3.9	6.7	6.6
Lake Charles .....	77.7	73.0	72.5	8.9	10.6	10.3	11.5	14.5	14.2
Monroe .....	56.1	56.2	57.6	6.3	7.1	6.8	11.2	12.7	11.8
New Orleans .....	507.7	508.9	504.3	41.3	51.2	50.1	8.1	10.1	9.9
Shreveport .....	160.6	159.1	159.5	13.7	18.5	19.5	8.5	11.7	12.2
<b>MAINE</b> .....	496.1	495.3	504.1	47.1	49.4	54.9	9.5	10.0	10.9
Lewiston—Auburn .....	38.1	37.4	38.0	3.7	4.1	4.4	9.8	11.0	11.5
Portland .....	93.1	94.4	96.3	6.4	6.6	7.4	6.9	6.9	7.7
<b>MARYLAND</b> .....	2,127.0	2,096.8	2,082.9	194.6	189.7	183.7	9.2	9.0	8.8
Baltimore .....	1,062.5	1,041.1	1,028.4	110.0	105.9	102.2	10.4	10.2	9.9

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>MASSACHUSETTS<sup>2</sup></b> .....	2,953.0	2,975.1	2,904.3	246.1	258.0	237.6	8.3	8.7	8.2
Boston .....	1,427.2	1,451.6	1,417.2	101.5	102.0	94.2	7.1	7.0	6.7
Brockton .....	81.5	81.9	80.2	7.8	7.9	7.4	9.6	9.7	9.3
Fall River <sup>1</sup> .....	76.6	74.8	72.9	9.5	10.1	9.8	12.4	13.5	13.4
Lawrence—Haverhill <sup>1</sup> .....	149.5	146.6	144.5	12.7	14.6	13.4	8.5	9.9	9.2
Lowell .....	132.8	132.2	131.1	9.8	9.1	8.5	7.4	6.9	6.5
New Bedford .....	86.2	86.3	84.7	12.2	11.3	10.8	14.1	13.1	12.8
Springfield—Chicopee—Holyoke .....	289.5	285.5	280.5	24.5	24.7	22.3	8.5	8.6	7.9
Worcester .....	199.7	201.7	194.2	16.6	20.4	18.5	8.3	10.1	9.5
<b>MICHIGAN<sup>2</sup></b> .....	4,228.4	4,260.5	4,238.3	682.3	724.6	699.4	16.1	17.0	16.5
Ann Arbor .....	140.4	139.6	137.9	13.5	17.2	14.4	9.7	12.4	10.4
Battle Creek .....	79.6	81.4	80.8	12.4	13.7	13.8	15.6	16.8	17.1
Bay City .....	52.8	52.7	52.9	9.8	9.7	10.0	18.6	18.4	19.0
Benton Harbor .....	69.7	69.7	69.7	11.7	12.6	12.9	16.8	18.1	18.5
Detroit .....	1,965.7	1,982.6	1,963.4	324.7	348.9	328.5	16.5	17.6	16.7
Flint .....	225.9	223.5	220.8	51.6	47.7	43.0	22.8	21.4	19.5
Grand Rapids .....	319.5	326.8	326.3	40.6	43.4	43.0	12.7	13.3	13.2
Jackson .....	64.9	64.8	63.9	9.6	11.7	11.3	14.8	18.0	17.7
Kalamazoo—Portage .....	135.4	136.2	135.3	15.1	17.1	16.2	11.1	12.6	12.0
Lansing—East Lansing .....	241.3	239.7	240.7	31.9	28.3	28.2	13.2	11.8	11.7
Muskegon—Norton Shores—Muskegon Heights .....	75.4	78.1	77.3	12.1	16.0	15.2	16.0	20.4	19.6
Saginaw .....	99.7	97.9	97.8	20.2	16.7	16.8	20.2	17.1	17.2
<b>MINNESOTA</b> .....	2,115.1	2,100.0	2,096.4	165.5	217.1	217.0	7.8	10.3	10.3
Duluth—Superior <sup>1</sup> .....	113.8	114.1	112.4	14.7	25.5	24.9	12.9	22.3	22.2
Minneapolis—St. Paul .....	1,150.0	1,147.1	1,140.6	67.5	92.6	91.2	5.9	8.1	8.0
Rochester .....	56.2	57.1	58.9	3.2	3.8	3.9	5.7	6.7	6.6
St. Cloud .....	73.9	74.3	74.7	7.4	8.7	9.1	10.0	11.7	12.2
<b>MISSISSIPPI</b> .....	1,038.1	1,032.5	1,042.6	113.4	126.2	129.8	10.9	12.2	12.4
Jackson .....	155.7	156.3	156.4	10.9	11.9	12.3	7.0	7.6	7.9
<b>MISSOURI</b> .....	2,268.4	2,211.5	2,233.7	228.2	243.5	251.9	10.1	11.0	11.3
Kansas City <sup>1</sup> .....	669.2	654.2	658.8	55.1	61.3	62.3	8.2	9.4	9.5
St. Joseph .....	44.8	44.3	45.1	4.9	5.2	5.5	10.8	11.7	12.2
St. Louis <sup>1</sup> .....	1,101.5	1,092.7	1,095.2	113.7	125.8	128.8	10.3	11.5	11.8
Springfield .....	105.8	105.7	107.9	7.7	9.6	9.8	7.3	9.1	9.0
<b>MONTANA</b> .....	372.2	384.1	384.0	37.6	40.1	40.6	10.1	10.4	10.6
<b>NEBRASKA</b> .....	762.7	770.7	779.4	48.4	61.6	61.8	6.3	8.0	7.9
Lincoln .....	109.5	107.2	109.3	5.6	6.8	6.7	5.1	6.3	6.1
Omaha <sup>1</sup> .....	282.1	283.7	287.2	19.7	22.8	23.4	7.0	8.0	8.2
<b>NEVADA</b> .....	471.6	488.0	484.8	45.8	59.6	60.3	9.7	12.2	12.4
Las Vegas .....	264.5	274.4	273.0	26.4	33.4	34.0	10.0	12.2	12.5
Reno .....	129.5	133.4	131.8	10.6	14.6	14.8	8.2	11.0	11.2
<b>NEW HAMPSHIRE</b> .....	477.0	485.9	488.9	35.2	41.3	41.1	7.4	8.5	8.4
Manchester .....	83.0	86.4	87.3	6.5	7.1	7.8	7.8	8.3	8.9
Nashua .....	81.6	85.3	86.0	5.1	6.0	6.1	6.2	7.1	7.1
<b>NEW JERSEY</b> .....	3,508.8	3,584.3	3,565.3	326.9	321.5	325.2	9.3	9.0	9.1
Atlantic City .....	113.2	118.4	117.5	13.5	12.1	12.2	11.9	10.2	10.4
Jersey City .....	241.0	239.9	238.8	33.4	33.2	33.6	13.9	13.8	14.1
Long Branch—Asbury Park .....	237.5	246.5	244.7	22.0	22.0	21.2	9.3	8.9	8.6
New Brunswick—Perth Amboy—Sayreville .....	324.8	334.0	332.6	24.6	27.6	27.0	7.6	8.3	8.1
Newark .....	946.9	967.2	959.7	81.4	83.2	81.9	8.6	8.6	8.5
Paterson—Clifton—Passaic .....	206.8	214.3	214.2	22.6	23.2	24.2	10.9	10.8	11.3
Trenton .....	155.8	157.7	156.8	13.1	12.1	12.1	8.4	7.7	7.7
Vineland—Millville—Bridgeton .....	58.0	57.8	57.8	10.0	9.1	9.4	17.2	15.7	16.3
<b>NEW MEXICO</b> .....	574.9	593.5	592.9	48.4	63.2	64.0	8.4	10.6	10.8
Albuquerque .....	213.0	221.1	220.8	17.2	20.1	19.4	8.1	9.1	8.8
Las Cruces .....	36.3	38.3	38.3	3.0	3.8	3.8	8.2	10.0	9.9

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>NEW YORK</b>	8,038.6	7,902.9	7,917.8	722.4	755.1	753.6	9.0	9.6	9.5
Albany—Schenectady—Troy	381.1	371.6	379.4	29.4	31.5	32.7	7.7	8.5	8.6
Binghamton	142.4	140.5	141.1	10.8	13.3	13.2	7.6	9.5	9.4
Buffalo	569.4	543.6	549.5	80.8	80.0	79.5	14.2	14.7	14.5
Elmira	39.6	37.5	37.8	4.2	4.9	5.2	10.6	13.1	13.8
Nassau-Suffolk	1,327.6	1,326.7	1,341.2	90.6	95.4	100.3	6.8	7.2	7.5
New York	3,651.6	3,592.8	3,542.3	317.7	322.2	307.9	8.7	9.0	8.7
New York City	3,033.0	2,974.0	2,925.0	280.0	284.0	270.0	9.2	9.6	9.2
Poughkeepsie	114.0	112.7	114.7	7.5	7.7	7.8	6.6	6.8	6.8
Rochester	484.2	478.9	485.9	40.2	46.9	49.7	8.3	9.8	10.2
Syracuse	305.4	300.1	306.8	27.6	30.1	31.7	9.0	10.0	10.3
Utica—Rome	135.8	132.7	134.1	13.0	14.8	14.7	9.6	11.2	11.0
<b>NORTH CAROLINA</b>	2,897.5	2,889.6	2,896.4	256.8	288.8	295.6	8.9	10.0	10.2
Asheville	88.3	89.5	90.0	8.3	8.2	8.4	9.4	9.1	9.3
Charlotte—Gastonia	371.9	380.4	380.8	22.8	28.0	27.6	6.1	7.4	7.2
Greensboro—Winston-Salem—High Point	445.1	453.3	453.7	34.3	38.1	39.0	7.7	8.4	8.6
Raleigh—Durham	313.0	319.4	323.2	14.1	15.1	15.6	4.5	4.7	4.8
<b>NORTH DAKOTA</b>	290.9	299.7	307.0	19.4	28.3	27.3	6.7	9.5	8.9
Fargo—Moorehead	70.0	70.8	71.9	4.0	4.9	4.9	5.7	7.0	6.9
<b>OHIO</b>	4,976.9	4,941.8	4,924.9	607.0	738.3	712.6	12.2	14.9	14.5
Akron	299.9	296.9	296.6	35.2	44.6	42.5	11.7	15.0	14.3
Canton	185.1	187.4	186.4	23.8	33.5	32.6	12.9	17.9	17.5
Cincinnati	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Cleveland	905.2	895.2	894.6	84.4	118.7	116.9	9.3	13.3	13.1
Columbus	553.1	548.2	547.6	49.0	55.4	54.0	8.9	10.1	9.9
Dayton	383.8	375.8	374.7	42.1	47.9	46.4	11.0	12.8	12.4
Toledo	358.2	359.5	359.3	45.7	52.2	53.3	12.7	14.5	14.8
Youngstown—Warren	233.1	226.6	223.9	46.0	48.4	45.1	19.7	21.4	20.1
<b>OKLAHOMA</b>	1,448.3	1,426.7	1,432.0	65.7	112.0	123.8	4.5	7.9	8.6
Enid	31.6	29.7	29.9	1.3	2.0	2.3	4.0	6.8	7.8
Lawton	34.8	33.7	33.9	1.4	2.0	2.1	3.9	5.9	6.3
Oklahoma City	444.4	446.1	447.7	18.0	26.0	28.8	4.1	5.8	6.4
Tulsa	352.1	341.5	342.3	15.3	29.3	31.9	4.4	8.6	9.3
<b>OREGON</b>	1,304.5	1,308.7	1,317.0	168.0	176.8	172.3	12.9	13.5	13.1
Eugene—Springfield	132.2	130.4	131.1	18.8	19.5	18.5	14.2	14.9	14.1
Medford	63.3	63.0	63.2	11.0	9.9	8.8	17.4	15.7	14.0
Portland	654.0	660.7	661.0	67.4	77.5	75.7	10.3	11.7	11.5
Salem	120.8	120.8	122.1	14.8	15.6	15.4	12.3	13.0	12.6
<b>PENNSYLVANIA</b>	5,443.0	5,407.4	5,369.0	597.2	804.5	758.6	11.0	14.9	14.1
Allentown—Bethlehem—Easton	308.6	304.7	299.7	34.7	46.7	41.6	11.3	15.3	13.9
Altoona	56.2	56.6	54.7	7.9	11.2	9.9	14.0	19.8	18.1
Erie	125.3	124.9	124.7	14.9	22.7	21.3	11.9	18.2	17.0
Harrisburg	232.6	229.0	226.1	18.4	22.4	19.0	7.9	9.8	9.4
Johnstown	105.9	107.1	105.9	17.3	26.2	27.4	16.3	24.5	25.9
Lancaster	181.6	177.7	176.7	14.2	16.9	15.4	7.8	9.5	8.7
Northeast Pennsylvania	287.4	281.2	280.7	34.8	40.2	37.4	12.1	14.3	13.3
Philadelphia	2,165.7	2,146.4	2,145.9	199.0	213.0	210.7	9.2	9.9	9.8
Pittsburgh	1,030.7	1,023.2	1,008.9	110.0	179.6	172.4	10.7	17.6	17.1
Reading	157.0	155.8	155.5	16.4	19.8	18.8	10.4	12.7	12.1
Sharon	55.3	54.7	53.3	8.6	13.1	11.7	15.6	23.9	21.9
State College	50.4	51.2	50.4	5.0	6.9	6.3	10.0	13.5	12.5
Williamsport	52.1	52.2	52.0	6.9	8.8	8.9	13.3	16.8	17.1
York	179.8	182.5	175.7	18.8	29.7	22.9	10.5	16.2	13.0
<b>RHODE ISLAND</b>	476.5	481.8	478.4	49.5	58.9	57.8	10.4	12.2	12.1
Providence—Warwick—Pawtucket	474.4	478.4	473.5	49.7	60.4	58.3	10.5	12.6	12.3
<b>SOUTH CAROLINA</b>	1,439.8	1,472.2	1,483.2	148.7	171.1	172.0	10.3	11.6	11.6
Charleston—North Charleston	173.8	177.7	179.9	13.2	16.0	16.1	7.6	9.0	8.9
Columbia	194.2	198.0	200.1	13.4	14.6	15.0	6.9	7.4	7.5
Greenville—Spartanburg	292.1	292.9	293.8	27.6	32.6	31.4	9.5	11.1	10.7
<b>SOUTH DAKOTA</b>	311.3	312.1	317.3	19.2	24.1	24.1	6.2	7.7	7.6
Sioux Falls	61.6	63.7	64.5	3.5	4.0	4.0	5.6	6.3	6.2
<b>TENNESSEE</b>	2,105.9	2,113.1	2,117.9	260.4	290.2	288.8	12.4	13.7	13.6
Chattanooga	195.5	196.4	197.4	19.4	21.6	22.1	9.9	11.0	11.2
Knoxville	228.6	230.7	231.8	20.1	26.6	26.9	8.8	11.5	11.6
Memphis	398.7	397.4	396.4	38.8	42.6	41.3	9.7	10.7	10.4
Nashville—Davidson	436.8	433.3	433.0	39.9	43.2	41.6	9.1	10.0	9.6

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. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P	FEB. 1982	JAN. 1983	FEB. 1983P
<b>TEXAS<sup>1</sup></b>	7,236.1	7,589.1	7,543.2	421.3	645.7	665.8	5.8	8.5	8.8
Ablene	76.5	79.4	79.1	3.6	4.0	4.5	4.7	5.1	5.7
Amarillo	90.3	98.5	97.5	5.8	5.8	6.0	6.4	5.9	6.1
Austin	290.7	306.3	307.5	12.8	14.2	15.8	4.4	4.6	5.1
Beaumont—Port Arthur—Orange	180.3	188.3	186.4	15.2	28.0	28.7	8.4	14.9	15.4
Corpus Christi	161.1	168.9	169.2	10.0	16.1	17.2	6.2	9.5	10.2
Dallas—Fort Worth	1,648.4	1,744.3	1,732.6	83.1	105.3	105.9	5.0	6.0	6.1
El Paso	189.0	196.2	195.6	18.8	26.1	26.4	10.0	13.3	13.5
Galveston—Texas City	88.4	93.1	92.2	8.0	12.9	13.2	9.1	13.9	14.4
Houston	1,735.0	1,805.1	1,789.0	80.8	164.7	172.8	4.7	9.1	9.7
Longview—Marshall	77.7	81.5	80.7	4.9	10.2	10.2	6.3	12.5	12.6
Lubbock	103.9	107.4	107.2	5.0	6.1	6.4	4.8	5.7	6.0
Midland	66.3	65.4	65.0	4.3	3.7	4.0	6.5	5.6	6.1
Odessa	79.3	73.1	72.2	4.2	6.0	6.3	5.3	8.2	8.7
San Angelo	47.1	47.6	47.4	2.3	2.4	2.6	4.9	5.1	5.5
San Antonio	460.5	482.9	478.7	28.2	32.5	32.6	6.1	6.7	6.8
Sherman—Denison	39.7	40.3	40.0	2.6	4.1	4.2	6.6	10.1	10.6
Waco	82.9	85.7	84.9	4.4	5.8	5.8	5.3	6.8	6.9
Wichita Falls	67.2	67.8	67.1	3.6	5.4	5.5	5.3	7.9	8.2
<b>UTAH</b>	652.7	663.4	663.6	53.9	65.0	65.7	8.3	9.8	9.9
Salt Lake City—Ogden	428.9	435.1	434.2	33.7	39.5	39.6	7.9	9.1	9.1
<b>VERMONT</b>	261.4	261.0	260.6	18.4	20.8	21.2	7.0	8.0	8.1
Burlington	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>VIRGINIA</b>	2,594.1	2,660.9	2,673.3	205.3	238.3	230.9	7.9	9.0	8.6
Lynchburg	75.3	76.0	76.2	5.3	7.7	7.7	7.0	10.2	10.1
Newport News—Hampton	162.6	170.0	171.4	11.6	12.7	12.2	7.1	7.5	7.1
Norfolk—Virginia Beach—Portsmouth <sup>1</sup>	332.3	341.6	344.8	23.2	26.9	26.0	7.0	7.9	7.5
Petersburg—Colonial Heights—Hopewell	58.0	59.4	59.1	6.3	7.5	7.3	10.9	12.7	12.3
Richmond	333.5	337.6	340.1	19.1	21.1	22.2	5.7	6.2	6.5
Roanoke	110.8	113.1	112.5	8.9	10.0	9.6	8.0	8.9	8.5
<b>WASHINGTON</b>	1,975.0	2,039.0	2,039.0	247.6	270.2	260.9	12.5	13.2	12.8
Seattle—Everett	870.5	901.2	898.6	86.0	96.5	95.2	9.9	10.7	10.6
Spokane	150.2	154.2	153.7	20.2	20.0	19.4	13.4	13.0	12.6
Tacoma	182.2	190.4	191.7	22.2	26.0	26.1	12.2	13.7	13.6
<b>WEST VIRGINIA</b>	759.8	770.2	760.5	99.5	157.5	159.9	13.1	20.4	21.0
Charleston	121.9	120.3	118.3	12.6	17.2	17.7	10.3	14.3	15.0
Huntington—Ashland <sup>1</sup>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Parkersburg—Marietta <sup>1</sup>	72.3	72.7	72.1	8.8	11.8	11.8	12.2	16.3	16.4
Wheeling <sup>1</sup>	81.5	81.7	80.0	11.3	15.1	14.9	13.9	18.5	18.6
<b>WISCONSIN</b>	2,404.7	2,423.6	2,417.8	258.2	327.9	308.1	10.7	13.5	12.7
Appleton—Oshkosh	150.7	151.5	151.5	16.5	19.9	18.8	10.9	13.1	12.4
Eau Claire	60.4	60.0	60.8	6.4	7.5	7.1	10.5	12.5	11.6
Green Bay	90.7	94.3	93.7	8.8	10.4	10.6	9.7	11.1	11.3
Janesville—Beloit	72.5	72.0	71.0	13.9	11.1	9.6	19.1	15.4	13.5
Kenosha	58.0	61.1	60.6	7.0	8.2	7.5	12.1	13.4	12.4
La Crosse	50.4	51.4	51.8	4.8	5.8	5.2	9.5	11.2	10.1
Madison	187.5	188.2	188.8	13.7	15.4	14.6	7.3	8.2	7.7
Milwaukee	722.6	727.3	723.8	64.4	94.7	89.7	8.9	13.0	12.4
Racine	85.4	86.3	85.3	10.4	17.2	16.2	12.2	20.0	19.0
<b>WYOMING</b>	243.3	244.9	250.3	12.7	24.3	27.2	5.2	9.9	10.9

<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.)

becomes available. Data refer to place of residence.

p = preliminary.

N.A. = not available.

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

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 blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a subfamily, that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The count of families used in this publication includes primary families only, that is, all persons in the household who are related to the householder. Excluded are secondary families which include 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	6,000
Jan. 1960 to Feb. 1963 .....	<sup>2</sup> 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966 .....	357	33,500	1,500	6,000
Jan. 1967 to July 1971 .....	449	48,000	2,000	8,500
Aug. 1971 to July 1972 .....	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977 .....	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979 .....	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981 .....	629	62,200	2,800	12,000
May 1981 to present .....	629	57,800	2,500	11,000

<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 (consecutive months only)
<b>Total, 16 years and over:</b>		
Civilian labor force .....	255	195
Employed .....	277	209
Unemployed .....	155	146
<b>Men, 20 years and over:</b>		
Civilian labor force .....	151	130
Employed .....	170	150
Unemployed .....	112	105
<b>Women, 20 years and over:</b>		
Civilian labor force .....	177	128
Employed .....	179	135
Unemployed .....	93	92
<b>Both sexes, 16 to 19 years:</b>		
Civilian labor force .....	81	86
Employed .....	86	87
Unemployed .....	67	71
<b>Black, 16 years and over:</b>		
Civilian labor force .....	61	49
Employed .....	87	66
Unemployed .....	75	75
<b>Men, 20 years and over:</b>		
Civilian labor force .....	23	17
Employed .....	49	43
Unemployed .....	53	56
<b>Women, 20 years and over:</b>		
Civilian labor force .....	60	38
Employed .....	63	46
Unemployed .....	48	51
<b>Both sexes, 16 to 19 years:</b>		
Civilian labor force .....	33	36
Employed .....	30	35
Unemployed .....	34	34

**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) .....	0.14	0.13			
Men, 20 years and over .....	.19	.18			
Women, 20 years and over .....	.21	.21			
Both sexes, 16 to 19 years .....	.75	.80			
White workers .....	.15	.14			
Black workers .....	.57	.52			
Married men, spouse present .....	.19	.17			
Married women, spouse present .....	.22	.21			
Full-time workers .....	.15	.15			
Part-time workers .....	.37	.46			
Unemployed 15 weeks and over .....	.09	.08			
OCCUPATION			OCCUPATION—Continued		
Executive, administrative, and managerial ..	.28	.27	Machine operators, assemblers and inspectors .....	0.61	0.60
Professional specialty .....	.23	.22	Transportation and material moving .....	.74	.72
Technicians and related support .....	.56	.58	Handlers, equipment cleaners helpers, and laborers .....	.80	.78
Sales .....	.33	.33	Farming, forestry, and fishing .....	.72	.67
Administrative support, including clerical .....	.29	.29			
Private household .....	1.10	1.02	INDUSTRY		
Protective service .....	.89	.93	Nonagricultural private wage and salary workers .....	.16	.16
Service, except private household and protective .....	.44	.43	Mining .....	1.67	1.69
Precision production, craft, and repair .....	.41	.40	Construction .....	.81	.81
			Manufacturing .....	.35	.34
			Durable goods .....	.48	.47
			Nondurable goods .....	.49	.49
			Transportation, communications, and public utilities .....	.52	.51
			Wholesale and retail trade .....	.31	.31
			Finance and services .....	.24	.24
			Government workers .....	.25	.25
			Agricultural wage and salary workers .....	1.32	1.22

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:

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

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	48	47	46	33	45	42	47	49
2,000 .....	85	68	64	63	-	63	55	66	67
4,000 .....	120	95	84	80	-	87	66	93	88
6,000 .....	146	116	94	86	-	105	58	113	99
8,000 .....	-	133	97	83	-	120	23	129	-
10,000 .....	-	147	94	70	-	132	-	143	-
15,000 .....	-	177	50	-	-	155	-	172	-
20,000 .....	-	201	-	-	-	170	-	195	-
30,000 .....	-	236	-	-	-	188	-	-	-
40,000 .....	-	261	-	-	-	189	-	-	-
50,000 .....	-	278	-	-	-	175	-	-	-
60,000 .....	-	288	-	-	-	141	-	-	-
70,000 .....	-	293	-	-	-	61	-	-	-
80,000 .....	-	293	-	-	-	-	-	-	-
100,000 .....	-	273	-	-	-	-	-	-	-
120,000 .....	-	231	-	-	-	-	-	-	-

<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	89	-
4,000 .....	70	62	88	-	99	78	85	-
6,000 .....	86	70	88	-	118	60	87	-
8,000 .....	98	73	71	-	132	-	-	-
10,000 .....	109	71	-	-	143	-	-	-
15,000 .....	131	42	-	-	160	-	-	-
20,000 .....	148	-	-	-	165	-	-	-
30,000 .....	174	-	-	-	-	-	-	-
40,000 .....	191	-	-	-	-	-	-	-
50,000 .....	203	-	-	-	-	-	-	-
60,000 .....	210	-	-	-	-	-	-	-
70,000 .....	212	-	-	-	-	-	-	-
80,000 .....	211	-	-	-	-	-	-	-
100,000 .....	193	-	-	-	-	-	-	-
120,000 .....	153	-	-	-	-	-	-	-

<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 .....	.66	.93	1.45	1.99	2.36	2.64	2.85	3.01	3.12	3.27
1,000 .....	.47	.66	1.02	1.40	1.67	1.87	2.01	2.13	2.21	2.28
2,000 .....	.33	.46	.72	.99	1.18	1.32	1.42	1.50	1.56	1.61
4,000 .....	.23	.33	.51	.70	.83	.93	1.01	1.06	1.10	1.14
6,000 .....	.19	.27	.42	.57	.68	.76	.82	.87	.90	.93
10,000 .....	.15	.21	.32	.44	.53	.59	.64	.67	.70	.72
20,000 .....	.10	.15	.23	.31	.37	.42	.45	.47	.49	.51
60,000 .....	.06	.08	.13	.18	.21	.24	.26	.27	.27	.29
100,000 .....	.05	.07	.10	.14	.17	.19	.20	.21	.22	.22

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

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50 .....	2.32	3.26	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	6.89	10.17
500 .....	.73	1.04	1.63	2.27	2.74	3.13	3.45	3.73	3.97	4.53
1,000 .....	.52	.73	1.15	1.60	1.94	2.21	2.44	2.63	2.80	3.19
2,000 .....	.37	.52	.81	1.13	1.37	1.56	1.72	1.85	1.97	2.24
4,000 .....	.26	.37	.57	.80	.96	1.10	1.20	1.30	1.38	1.56
6,000 .....	.21	.30	.47	.65	.78	.89	.96	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 96	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50 .....	2.14	3.01	4.69	6.46	7.68	8.61	9.32	9.86	10.27	10.76
100 .....	1.51	2.13	3.32	4.57	5.43	6.09	6.59	6.97	7.26	7.61
500 .....	.68	.95	1.48	2.04	2.43	2.72	2.95	3.12	3.25	3.40
1,000 .....	.48	.67	1.05	1.44	1.72	1.92	2.08	2.21	2.30	2.41
2,000 .....	.34	.48	.74	1.02	1.22	1.36	1.47	1.56	1.62	1.70
4,000 .....	.24	.34	.52	.72	.86	.96	1.04	1.10	1.15	1.20
6,000 .....	.20	.28	.43	.59	.70	.79	.85	.90	.94	.98
10,000 .....	.15	.21	.33	.46	.54	.61	.66	.70	.73	.76
20,000 .....	.11	.15	.23	.32	.38	.43	.47	.49	.51	.54
40,000 .....	.08	.11	.17	.23	.27	.30	.33	.35	.36	.38
60,000 .....	.06	.09	.14	.19	.22	.25	.27	.28	.30	.31
80,000 .....	.05	.08	.12	.16	.19	.22	.23	.25	.26	.27
100,000 .....	.05	.07	.10	.14	.17	.19	.21	.22	.23	.24
160,000 .....	.04	.05	.08	.11	.13	.15	.16	.17	.18	.19

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

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

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
<b>Agricultural employment:</b>			<b>Unemployment:</b>		
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	<b>All other unemployment characteristics:</b>		
<b>Labor force data other than agricultural employment and unemployment data:</b>			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	<b>Black:</b>		
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
<b>Agricultural employment:</b>					
Total or men .....	1.30	0.89	0.80	0.72	0.70
Women or teenagers (18 to 19 years) .....	1.30	.83	.80	.58	.70
Part time .....	1.40	.74	.80	.46	.70
<b>Labor force data other than agricultural employment and unemployment data:</b>					
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
<b>Unemployment:</b>					
Total .....	1.40	.76	.88	.50	.65
Part time .....	1.40	.89	.88	.39	.54

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

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Men				Women	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10 .....	5	5	5	5	5	5	5	5	5
50 .....	11	12	12	11	12	12	12	11	11
75 .....	13	15	15	13	15	15	15	13	13
100 .....	15	17	17	15	17	17	17	15	15
150 .....	19	21	21	19	21	21	21	19	19
200 .....	22	24	24	22	24	24	24	22	21
250 .....	24	27	27	24	27	27	27	24	24
300 .....	26	30	30	26	30	30	29	26	26
500 .....	34	38	38	34	38	38	37	34	33
750 .....	42	47	46	42	47	47	45	42	41
1,000 .....	48	54	53	48	54	54	50	48	46
1,500 .....	59	66	63	59	66	66	59	59	56
2,000 .....	68	76	72	68	76	76	65	68	63
2,500 .....	76	85	79	75	84	84	69	75	69
3,000 .....	83	93	85	82	92	92	71	82	74
5,000 .....	107	119	100	105	117	116	64	105	85
7,500 .....	130	145	107	127	140	138	-	127	-
10,000 .....	149	165	102	144	157	155	-	145	-
15,000 .....	180	198	-	187	183	179	-	173	-
20,000 .....	205	224	-	192	199	193	-	195	-
25,000 .....	226	244	-	207	209	199	-	211	-
30,000 .....	224	261	-	219	212	198	-	224	-
40,000 .....	273	286	-	236	201	174	-	242	-
50,000 .....	296	301	-	-	-	-	-	-	-
75,000 .....	331	304	-	-	-	-	-	-	-
100,000 .....	343	255	-	-	-	-	-	-	-



# Establishment Data (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 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), record-keeping, 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 as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

*Average overtime hours.* The overtime hours represent that portion of the 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 the 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 adjustment 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 levels 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 employment 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

**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.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1981 levels. Normally, benchmark adjustments are made annually.

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

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1981 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, 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

**Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1981**

Industry division	Benchmark, March 1981	Estimate, March 1981	Percent difference
Total .....	90,371,000	90,720,000	-0.4
Mining .....	1,107,000	1,084,000	2.1
Construction .....	3,934,000	4,048,000	-2.9
Manufacturing .....	20,085,000	20,016,000	-4
Transportation and public utilities .....	5,102,000	5,095,000	.1
Wholesale and retail trade .....	20,096,000	20,290,000	-1.0
Finance, insurance, and real estate .....	5,239,000	5,263,000	-.5
Services .....	18,340,000	18,287,000	.3
Government .....	16,468,000	16,493,000	-2

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 response errors, the benchmark revision

**Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1981<sup>1</sup>**

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total .....	177,500	35,740,500	40
Mining .....	2,400	387,000	35
Construction .....	17,300	677,000	17
Manufacturing .....	45,000	10,951,000	55
Transportation and public utilities:			
Railroad transportation (ICC) .....	37	459,500	92
Other transportation and public utilities .....	8,100	2,717,000	53
Wholesale and retail trade .....	43,900	3,398,000	17
Finance, insurance, and real estate .....	12,200	1,950,000	37
Services .....	28,700	3,787,000	21
Government:			
Federal <sup>2</sup> .....	4,900	2,769,000	100
State and local .....	15,000	8,645,000	63

<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 4,900 reports covering about 60 percent of employment in Federal establishments.

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 six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

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

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

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

**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 .....	0.3	-	-
Total private .....	.3	0.1	0.2
Mining .....	1.3	.5	.5
Construction .....	2.2	.2	.3
Manufacturing .....	.4	.1	.1
Durable goods .....	.4	.1	.1
Nondurable goods .....	.5	.1	.1
Transportation and public utilities .....	.4	.7	.4
Trade .....	.5	.1	.2
Wholesale .....	.7	.2	.3
Retail .....	.6	.2	.2
Finance, insurance, and real estate .....	.5	.2	.4
Services .....	.7	.4	.8
Government <sup>3</sup> .....	.5	-	-

<sup>1</sup> The average percent revision in employment for the following benchmarks: 1971, 1974, 1978, 1979, 1980 and 1981.

<sup>2</sup> Relative errors relate to March 1971 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.

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	0.9	1.5
100,000 .....	4,400	.7	1.1
200,000 .....	7,100	.5	.9
500,000 .....	15,200	.4	.8
1,000,000 .....	17,100	.3	.5
2,000,000 .....	28,500	.3	.5

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

<sup>2</sup> Relative errors relate to March 1971 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.

**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 .....	84,000	72,000
Goods-producing .....	39,000	34,000
Mining .....	5,000	5,000
Construction .....	18,000	16,000
Manufacturing .....	31,000	28,000
Durable two-digit industries .....	6,300	5,700
Nondurable two-digit industries .....	4,200	3,900
Service-producing .....	63,000	57,000
Transportation and public utilities .....	13,000	14,000
Wholesale and retail trade .....	30,000	27,000
Finance, insurance, and real estate .....	8,000	7,000
Services .....	31,000	25,000
Government .....	50,000	38,000

NOTE: Division level data are based on differences from January 1976 through December 1981. Two-digit industry data are based on differences from January 1981 through February 1982.

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

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

#### 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 labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

*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 sup-

plementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

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

*Unit labor costs* measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

#### Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. 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 Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers 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 areas 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 employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment*: The total employment estimate is based primarily 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 major categories of employ-

ment by class of worker and industry 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.

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 persons 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 non-covered 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 the 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 both 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 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 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 1982, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1983, and a description of the current seasonal adjustment methodology are published in the January 1983 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1978-82 revision period for a broad range of labor force series appear in the February 1983 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 1982. 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. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based. The revised seasonally adjusted series for the establishment data reflect experience through March 1982. Seasonal factors to be used for current adjustment appear in the June 1982 issue of *Employment and Earnings*.



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## COOPERATING STATE AGENCIES

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

BLS Region	
IV ALABAMA	-Research and Statistics Div., Depart. of Industrial Relations, Industrial Relations Building, Room 427, Montgomery 36130
X ALASKA	-Employment Security Division, Department of Labor, P.O. Box 3-7000, Juneau 99802
IX ARIZONA	-Department of Economic Security, P.O. Box 6123, Phoenix 85005
VI ARKANSAS	-Employment Security Division, Department of Labor, P.O. Box 2981, Employment Security Building, Little Rock 72203
IX CALIFORNIA	-Employment Data and Research Div., Employment Development Depart., P.O. Box 1679, Sacramento 95808 (CES).
VIII COLORADO	-Division of Employment and Training, 1278 Lincoln Street, Denver 80203
I CONNECTICUT	-Employment Security Division, Labor Department, 200 Folly Brook Boulevard, Wethersfield 06109
III DELAWARE	-Department of Labor, University Plaza Office Complex, Bldg. D, Chapman Rd., Route 273, Newark 19713
III DIST. OF COL.	-Division of Labor Market Information, Research and Analysis, Department of Employment Services, 500 C Street N.W., Room 411, Washington, 20001
IV FLORIDA	-Bureau of Research and Analysis, Depart. of Labor and Employment Security, Caldwell Building, Tallahassee 32301
IV GEORGIA	-Department of Labor, 254 Washington Street, S.W., Atlanta 30334
IX HAWAII	-Department of Labor and Industrial Relations, P.O. Box 3680, Honolulu 96811
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V ILLINOIS	-Bureau of Employment Security, 910 South Michigan Street, 15th Floor, Chicago 60605
V INDIANA	-Employment Security Division, 10 North Senate Avenue, Indianapolis 46204
VII IOWA	-Department of Job Service, 1000 East Grand Avenue, Des Moines 50319
VII KANSAS	-Division of Employment, Department of Human Resources, 401 Topeka Avenue, Topeka 66603
IV KENTUCKY	-Department for Human Resources, 275 E. Main Street, 2nd Floor West, Frankfort 40621
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