



EMPLOYMENT AND EARNINGS

July 1986

U.S. Department of Labor
Bureau of Labor Statistics





U.S. DEPARTMENT OF LABOR
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BUREAU OF LABOR STATISTICS
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Calendar of Features

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

Household data

Annual averages Jan.
Union affiliation Jan.

Revised seasonally adjusted series Jan., Feb.

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

Establishment data

National annual averages:

Industry divisions (preliminary) Jan.

Industry detail (final) Mar.

Women employees (final) Mar.

National data revised to reflect new benchmarks and new seasonal adjustment factors June

Revised historical national data Supplement¹

State and area annual averages May

Area definitions May

State and area labor force data

Annual averages May

¹ The latest supplement was published in June 1986.

Employment and Earnings

Vol. 33 No. 7 July 1986

Editors: Gloria Peterson Green, Rosalie K. Epstein

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Employment and Unemployment Developments, June 1986

Unemployment declined slightly in June, returning to the April level. The overall unemployment rate was 7.0 percent, and the rate for civilian workers was 7.1 percent.

The two employment series showed different over-the-month movements. Total civilian employment—as measured by the household survey—rose by 560,000 in June, after seasonal adjustment. By contrast, nonfarm payroll employment—as measured by the establishment survey—showed little change, even after accounting for about 170,000 workers who were on strike. Striking workers are not counted as employed in this survey because they are not on a payroll. (In the household survey, persons on strike are counted as employed—“with a job but not at work.”)

Unemployment

Unemployment totaled 8.4 million persons in June, seasonally adjusted, not much different from the levels in the prior 4 months. The civilian worker unemployment rate was 7.1 percent, the same as in April, after rising marginally in May. Although the rate has fluctuated somewhat during the first half of 1986, the June figure is about in line with those that have prevailed for nearly a year.

Jobless rates among most worker groups—including adult women (6.4 percent), teenagers (19.1 percent), whites (6.1 percent), blacks (15.1 percent), and Hispanics (10.6 percent)—were little changed over the month. The unemployment rate for adult men edged down slightly to 6.2 percent, partly offsetting an increase in May. (See tables A-33 and A-34.)

The average duration of unemployment rose in June, as the number of unemployed for 27 weeks or more increased by 150,000, while the number out of work less than 5 weeks declined sharply. The median duration of unemployment was 7.3 weeks, and the mean duration was 15.2 weeks. (See table A-40.)

The total number of persons working part time for economic reasons—sometimes referred to as the partially unemployed—fell by 440,000 in June to 5.5 million. The decline was concentrated among persons who usually work full time but whose hours had been cut as a result of slack work. (See table A-35.)

Civilian employment and the labor force

Civilian employment rose by 560,000 in June to 109.7 million, seasonally adjusted. The bulk of the over-the-month increase occurred among adult women, as fewer

than normal left the labor force at the onset of summer. The proportion of the civilian population with jobs rose to a record-high 60.8 percent. (See table A-33.)

The civilian labor force expanded by 450,000 to 118.1 million in June, after seasonal adjustment. Adult women accounted for nearly all of the growth. The civilian labor force participation rate edged up to 65.4 percent, the highest figure ever recorded.

Discouraged workers

At 1.1 million in the second quarter, the number of discouraged workers—persons who want to work but are not actively looking for jobs because they believe they cannot find any—was about unchanged from both the first quarter and the year-earlier levels. Blacks continued to make up a disproportionately large share of all discouraged workers, 26 percent in the second quarter of 1986. (See table A-53.)

Industry payroll employment

Total nonagricultural payroll employment was about unchanged in June, even after accounting for the 170,000 striking workers who were off payrolls. Only the services industry experienced strong employment growth over the month. (See table B-4.)

In the service-producing sector, the strike of some 155,000 American Telephone and Telegraph workers, since settled, affected not only the communications industry within transportation and public utilities but also trade. Nevertheless, job declines in transportation and public utilities and wholesale trade reflected some weakness after adjustment for the strike effects. Services, on the other hand, exhibited a very sharp job gain over the month—145,000—and there was also an increase in finance.

In the goods-producing sector, employment in construction decreased by 30,000 on a seasonally adjusted basis to 4.9 million. Construction jobs were still 290,000 above the year-earlier level. Continuing its recent downtrend, employment in mining was off by 20,000, with most of the decline occurring in oil and gas extraction. Within manufacturing, 40,000 of the 55,000 decrease in employment was the result of labor-management disputes, particularly in primary metals and electrical equipment. The nonelectrical machinery component of manufacturing showed employment

losses, partly reflecting continued declines in oil field machinery.

Weekly hours

Average weekly hours for production or nonsupervisory workers on private nonagricultural payrolls were unchanged at 34.8 hours in June, after seasonal adjustment. The manufacturing workweek edged down 0.1 hour to 40.6 hours; factory overtime also declined 0.1 hour to 3.3 hours. (See table C-5.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls declined 0.2 percent in June to 117.5 (1977=100), after seasonal adjustment. Pacing this drop were decreases of 1.7 percent in construction and 2.2 percent in mining. Declines in both manufacturing and transportation and public utilities were attributable largely to strike activity. (See table C-6.)

Hourly and weekly earnings

Average hourly and weekly earnings were about unchanged, seasonally adjusted. Prior to seasonal adjustment, average hourly earnings were \$8.72 and weekly earnings were \$305.20. Over the past year, average hourly and weekly earnings rose 18 cents and \$4.59, respectively. (See tables C-1 and C-7.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 169.4 (1977=100) in June, seasonally adjusted, an increase of 0.4 percent from May. For the 12 months ended in June, the increase was 2.5 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in manufacturing overtime and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 1.4 percent during the 12-month period ended in May. (See table C-7.)

Scheduled Release Dates			
Employment and unemployment data are scheduled for initial release on the following dates:			
<i>Reference month</i>	<i>Release date</i>	<i>Reference month</i>	<i>Release date</i>
July	August 1	October	November 7
August	September 5	November	December 5
September	October 3	December	January 9

New Seasonal Adjustment Factors for Household Data Series

*Robert J. McIntire

Semiannually, the Bureau of Labor Statistics publishes the factors to be used during the following 6 months for seasonal adjustment of the major labor force series. Table 1 presents these seasonal adjustment factors for the 12 major labor force components for July-December 1986. The factors which were used for these components during the first 6 months of 1986 were published in the January 1986 issue of *Employment and Earnings*. The 12 seasonally adjusted series which result from the application of these factors are used in the computation of the seasonally adjusted figures for the national unemployment level and for the overall and civilian employment and labor force levels and unemployment rates. The overall measures include the resident Armed Forces in the employed segment of the labor force, but seasonal factors are not calculated for the resident Armed Forces data since they are considered to have no seasonal component.

The new seasonal factors have been extrapolated using the X-11 ARIMA program with data through June 1986 for each series. The ARIMA models used were the same as those used at the beginning of the year for the extrapolation of the factors for January through June; they were identified in the January issue of this publication. The historical seasonally adjusted data, including the first 6 months of 1986 will not be revised until the beginning of 1987. More detailed information on the adjustment method, the procedures for aggregation, and the revision of historical data is included in the January 1986 issue in the article entitled "Revision of Seasonally Adjusted Labor Force Series."

*Robert J. McIntire is an economist and Chief of the Data Services Group in the Division of Data Development and Users' Services, Bureau of Labor Statistics.

Data for any of the several hundred seasonally adjusted labor force series and the July-December 1986 factors for any of the other independently adjusted series (there are about 200 in addition to the 12 major components) may be obtained from BLS upon request. Requests for data or inquiries concerning the seasonal adjustment methodology or the availability of machine-readable files of labor force data should be addressed to the Division of Data Development and Users' Services, Bureau of Labor Statistics, Washington, D.C. 20212.

Table 1. Current seasonal adjustment factors for the 12 major civilian labor force components, July-December 1986

Procedure and series	July	Aug.	Sept.	Oct.	Nov	Dec.
Multiplicative Adjustment (Divide factor into original value)						
Agricultural employment:						
Men, 20 years and over	1.102	1.084	1.045	1.030	0.984	0.932
Women, 20 years and over	1.205	1.120	1.059	1.038	.927	.875
Men, 16 to 19 years	1.721	1.520	1.020	.805	.746	.639
Women, 16 to 19 years	2.252	1.631	1.049	.811	.710	.521
Nonagricultural employment:						
Men, 20 years and over	1.009	1.010	1.007	1.007	1.004	.999
Women, 20 years and over . . . . .	.986	.986	1.003	1.011	1.013	1.012
Unemployment:						
Men, 20 years and over . . . . .	.956	.922	.903	.902	.947	1.001
Women, 20 years and over	1.037	1.075	1.041	1.015	.960	.909
Additive Adjustment (Subtract factor from original value)						
Nonagricultural employment:						
Men, 16 to 19 years	842	552	-173	-176	-188	-177
Women, 16 to 19 years	702	497	-155	-135	-96	-56
Unemployment:						
Men, 16 to 19 years	179	-49	-67	-45	-29	-21
Women, 16 to 19 years	159	36	-3	-25	-59	-108

**HOUSEHOLD DATA
HISTORICAL**

A-1. Employment status of the noninstitutional population 16 years and over, 1952 to date

(Numbers in thousands)

Year and month	Noninstitutional population	Labor force									Not in labor force
		Number	Percent of population	Employed					Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force	
						Total	Agriculture	Nonagricultural industries			
Annual averages											
1952	107,617	64,524	60.0	62,636	2,386	60,250	6,500	53,749	1,883	2.9	43,093
1953 ¹	109,287	65,246	59.7	63,410	2,231	61,179	6,260	54,919	1,834	2.8	44,041
1954	110,463	65,785	59.6	62,251	2,142	60,109	6,205	53,904	3,532	5.4	44,678
1955	111,747	67,087	60.0	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660
1956	112,919	68,517	60.7	65,764	1,965	63,799	6,283	57,514	2,750	4.0	44,402
1957	114,213	68,877	60.3	66,019	1,948	64,071	5,947	58,123	2,859	4.2	45,336
1958	115,574	69,486	60.1	64,883	1,847	63,036	5,586	57,450	4,602	6.6	46,088
1959	117,117	70,157	59.9	66,418	1,788	64,630	5,565	59,065	3,740	5.3	46,960
1960 ¹	119,106	71,489	60.0	67,639	1,881	65,778	5,458	60,318	3,852	5.4	47,617
1961	120,871	72,359	60.0	67,646	1,900	65,746	5,200	60,546	4,714	6.5	48,312
1962 ¹	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539
1963	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583
1964	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394
1965	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058
1966	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288
1967	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527
1968	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291
1969	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602
1970	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315
1971	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834
1972 ¹	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091
1973 ¹	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667
1974	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171
1975	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377
1976	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991
1977	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025
1978 ¹	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659
1979	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806
1981	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460
1982	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067
1983	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665
1984	178,080	115,241	64.7	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839
1985	179,912	117,167	65.1	108,856	1,706	107,150	3,179	103,971	8,312	7.1	62,744
Monthly data, seasonally adjusted²											
1985:											
June	179,798	116,726	64.9	108,303	1,702	106,601	3,140	103,461	8,423	7.2	63,072
July	179,967	116,976	65.0	108,575	1,704	106,871	3,120	103,751	8,401	7.2	62,991
August	180,131	117,069	65.0	108,936	1,726	107,210	3,095	104,115	8,133	6.9	63,062
September	180,304	117,522	65.2	109,251	1,732	107,519	3,017	104,502	8,271	7.0	62,782
October	180,470	117,814	65.3	109,513	1,700	107,813	3,058	104,755	8,301	7.0	62,656
November	180,642	117,832	65.2	109,671	1,702	107,969	3,070	104,899	8,161	6.9	62,810
December	180,810	117,927	65.2	109,904	1,698	108,206	3,151	105,055	8,023	6.8	62,883
1986:											
January	181,361	118,477	65.3	110,646	1,691	108,955	3,299	105,655	7,831	6.6	62,885
February	181,512	118,779	65.4	110,252	1,691	108,561	3,096	105,465	8,527	7.2	62,733
March	181,678	118,900	65.4	110,481	1,693	108,788	3,285	105,503	8,419	7.1	62,778
April	181,843	118,929	65.4	110,587	1,695	108,892	3,222	105,670	8,342	7.0	62,914
May	181,998	119,351	65.6	110,797	1,687	109,110	3,160	105,950	8,554	7.2	62,647
June	182,183	119,796	65.8	111,353	1,680	109,673	3,165	106,508	8,443	7.0	62,387

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

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

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

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1975 to date

(Numbers in thousands)

Sex, year, and month	Noninstitutional population	Labor force									Not in labor force	
		Number	Percent of population	Employed						Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force		
						Total	Agriculture	Nonagricultural industries				
Annual averages												
MEN												
1975	73,891	57,899	78.4	53,457	1,600	51,857	2,824	49,032	4,442	7.7	15,993	
1976	75,341	58,756	78.0	54,720	1,582	53,138	2,744	50,394	4,036	6.9	16,585	
1977	76,756	59,959	78.1	56,291	1,563	54,728	2,671	52,057	3,667	6.1	16,797	
1978 ¹	78,107	81,151	78.3	58,010	1,531	56,479	2,716	53,761	3,142	5.1	16,956	
1979	79,509	62,215	78.2	59,096	1,489	57,607	2,686	54,921	3,120	5.0	17,293	
1980	80,877	62,932	77.8	58,665	1,479	57,186	2,709	54,477	4,267	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	8,179	9.7	19,073	
1983	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	8,260	9.7	19,484	
1984	85,156	85,386	76.8	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771	
1985	86,025	65,967	76.7	61,447	1,556	59,891	2,535	57,356	4,521	6.9	20,058	
Monthly data, seasonally adjusted²												
1985:												
June	85,970	65,808	76.5	61,175	1,552	59,623	2,520	57,103	4,633	7.0	20,162	
July	86,052	65,884	76.6	61,273	1,554	59,719	2,479	57,240	4,811	7.0	20,168	
August	86,132	85,945	76.6	61,510	1,574	59,936	2,475	57,461	4,435	6.7	20,187	
September	88,217	66,074	76.6	61,629	1,580	60,049	2,413	57,636	4,445	8.7	20,143	
October	86,293	66,227	76.7	61,656	1,551	60,105	2,402	57,703	4,571	6.9	20,066	
November	86,374	66,176	76.6	61,731	1,552	60,179	2,435	57,744	4,445	6.7	20,198	
December	86,459	66,139	76.5	61,793	1,549	60,244	2,506	57,738	4,346	6.6	20,320	
1986:												
January ¹	86,882	66,679	76.7	62,458	1,539	60,919	2,546	58,373	4,221	6.3	20,203	
February	86,954	66,838	76.9	62,243	1,539	60,704	2,451	58,253	4,595	6.9	20,116	
March	87,035	66,864	76.8	62,288	1,540	60,748	2,643	58,104	4,577	6.8	20,171	
April	87,120	66,757	76.8	62,254	1,541	60,713	2,606	58,107	4,503	6.7	20,363	
May	87,195	66,943	76.8	62,190	1,533	60,657	2,515	58,142	4,754	7.1	20,252	
June	87,288	66,964	76.7	62,322	1,525	60,797	2,559	58,238	4,642	6.9	20,324	
Annual averages												
WOMEN												
1975	80,938	37,553	46.4	34,067	78	33,989	584	33,404	3,486	9.3	43,386	
1976	82,478	39,069	47.4	35,701	86	35,615	588	35,027	3,389	8.6	43,408	
1977	83,932	40,705	48.5	37,381	92	37,289	612	36,677	3,324	8.2	43,227	
1978 ¹	85,434	42,731	50.0	39,669	100	39,569	669	38,900	3,061	7.2	42,703	
1979	86,951	44,343	51.0	41,325	108	41,217	661	40,556	3,018	8.8	42,608	
1980	88,472	45,611	51.6	42,241	124	42,117	656	41,461	3,370	7.4	42,861	
1981	89,751	46,829	52.2	43,133	133	43,000	667	42,333	3,896	7.9	42,922	
1982	90,867	47,894	52.7	43,395	139	43,256	665	42,591	4,499	9.4	42,993	
1983	91,827	48,646	53.0	44,190	143	44,047	680	43,367	4,457	9.2	43,181	
1984	92,924	49,855	53.7	46,061	146	45,915	653	45,262	3,794	7.6	43,068	
1985	93,886	51,200	54.5	47,409	150	47,259	644	46,615	3,791	7.4	42,686	
Monthly data, seasonally adjusted²												
1985:												
June	93,828	50,918	54.3	47,128	150	46,978	820	46,358	3,790	7.4	42,910	
July	93,915	51,092	54.4	47,302	150	47,152	641	46,511	3,790	7.4	42,823	
August	93,999	51,124	54.4	47,426	152	47,274	620	46,654	3,698	7.2	42,875	
September	94,087	51,448	54.7	47,622	152	47,470	604	46,866	3,626	7.4	42,639	
October	94,177	51,587	54.8	47,857	149	47,708	658	47,052	3,730	7.2	42,590	
November	94,266	51,655	54.8	47,939	149	47,790	635	47,155	3,716	7.2	42,611	
December	94,351	51,788	54.9	48,111	149	47,962	645	47,317	3,677	7.1	42,583	
1986:												
January ¹	94,479	51,797	54.8	48,187	152	48,035	753	47,282	3,610	7.0	42,682	
February	94,558	51,941	54.9	48,009	152	47,857	645	47,212	3,932	7.6	42,617	
March	94,643	52,036	55.0	48,194	153	48,041	642	47,399	3,842	7.4	42,607	
April	94,723	52,172	55.1	48,333	154	48,179	816	47,563	3,839	7.4	42,551	
May	94,803	52,408	55.3	48,608	154	48,454	646	47,808	3,800	7.3	42,395	
June	94,895	52,832	55.7	49,031	155	48,876	606	48,270	3,801	7.2	42,063	

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

NOTE: Seasonally adjusted data have been revised based on the experience through December 1985. See the article in this issue for additional information.

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

**HOUSEHOLD DATA
HISTORICAL**

A-3. Employment status of the civilian noninstitutional population 16 years and over, 1952 to date

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force				Unemployment rates		
		Total	Percent of population	Employed	Unemployed	Total	Men	Women
Annual averages								
1952	105,231	62,138	59.0	60,250	1,883	3.0	2.8	3.6
1953 ¹	107,056	83,015	58.9	61,179	1,834	2.9	2.8	3.3
1954	108,321	63,643	58.8	60,109	3,532	5.5	5.3	6.0
1955	109,683	65,023	59.3	62,170	2,852	4.4	4.2	4.9
1956	110,954	66,552	60.0	63,799	2,750	4.1	3.8	4.8
1957	112,265	66,929	59.6	64,071	2,859	4.3	4.1	4.7
1958	113,727	67,639	59.5	63,036	4,602	6.8	6.8	6.8
1959	115,329	68,369	59.3	64,630	3,740	5.5	5.2	5.9
1960 ¹	117,245	69,628	59.4	65,778	3,852	5.5	5.4	5.9
1961	118,771	70,459	59.3	65,746	4,714	6.7	6.4	7.2
1962 ¹	120,153	70,614	58.8	66,702	3,911	5.5	5.2	6.2
1963	122,416	71,833	58.7	67,762	4,070	5.7	5.2	6.5
1964	124,485	73,091	58.7	69,305	3,786	5.2	4.6	6.2
1965	126,513	74,455	58.9	71,088	3,366	4.5	4.0	5.5
1966	128,058	75,770	59.2	72,895	2,875	3.8	3.2	4.8
1967	129,874	77,347	59.6	74,372	2,975	3.8	3.1	5.2
1968	132,028	78,737	59.6	75,920	2,817	3.6	2.9	4.8
1969	134,335	80,734	60.1	77,902	2,832	3.5	2.8	4.7
1970	137,085	82,771	60.4	78,678	4,093	4.9	4.4	5.9
1971	140,216	84,382	60.2	79,367	5,016	5.9	5.3	6.9
1972 ¹	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 ¹	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976	156,150	96,158	61.6	88,752	7,406	7.7	7.1	8.6
1977	159,033	99,009	62.3	92,017	6,991	7.1	6.3	8.2
1978 ¹	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
1984	176,383	113,544	64.4	105,005	8,539	7.5	7.4	7.6
1985	178,206	115,461	64.8	107,150	8,312	7.2	7.0	7.4
Monthly data, seasonally adjusted²								
1985:								
June	178,096	115,024	64.6	106,601	8,423	7.3	7.2	7.5
July	178,263	115,272	64.7	106,871	8,401	7.3	7.2	7.4
August	178,405	115,343	64.7	107,210	8,133	7.1	6.9	7.3
September	178,572	115,790	64.8	107,519	8,271	7.1	6.9	7.5
October	178,770	116,114	65.0	107,813	8,301	7.1	7.1	7.3
November	178,940	116,130	64.9	107,969	8,161	7.0	6.9	7.2
December	179,112	116,229	64.9	108,206	8,023	6.9	6.7	7.1
1986:								
January	179,670	116,786	65.0	108,955	7,831	6.7	6.5	7.0
February	179,821	117,088	65.1	108,561	8,527	7.3	7.0	7.6
March	179,985	117,207	65.1	108,788	8,419	7.2	7.0	7.4
April	180,148	117,234	65.1	108,892	8,342	7.1	6.9	7.4
May	180,311	117,664	65.3	109,110	8,554	7.3	7.3	7.3
June	180,503	118,116	65.4	109,673	8,443	7.1	7.1	7.2

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

Explanatory Notes.

² The population figures are not adjusted for seasonal variation.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	June 1988										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
TOTAL											
16 years and over	180,503	119,644	66.3	110,869	8,775	7.3	60,859	29,838	4,101	2,780	24,140
16 to 19 years	14,472	9,356	64.6	7,356	2,000	21.4	5,117	558	2,506	12	2,040
16 to 17 years	7,382	4,028	54.6	3,026	1,002	24.9	3,355	180	1,776	5	1,393
18 to 19 years	7,090	5,328	75.1	4,330	998	18.7	1,762	378	730	7	647
20 to 24 years	19,603	16,003	81.6	14,260	1,743	10.9	3,601	1,706	878	75	942
25 to 54 years	96,950	79,265	81.8	74,769	4,497	5.7	17,685	12,853	691	937	3,205
25 to 34 years	41,787	34,611	82.9	32,259	2,353	6.8	7,156	5,340	478	233	1,107
25 to 29 years	21,405	17,727	82.8	16,402	1,326	7.5	3,677	2,655	301	113	608
30 to 34 years	20,362	16,884	82.9	15,857	1,027	6.1	3,478	2,685	175	120	499
35 to 44 years	32,485	26,952	83.0	25,612	1,341	5.0	5,512	4,056	170	312	973
35 to 39 years	18,346	15,276	83.3	14,476	800	5.2	3,070	2,289	131	180	470
40 to 44 years	14,118	11,675	82.7	11,136	541	4.6	2,443	1,767	40	132	503
45 to 54 years	22,718	17,702	77.9	16,899	803	4.5	5,016	3,456	44	391	1,125
45 to 49 years	11,867	9,563	80.6	9,135	427	4.5	2,304	1,645	27	158	473
50 to 54 years	10,851	8,138	75.0	7,764	376	4.8	2,712	1,811	17	233	852
55 to 64 years	21,997	11,950	54.3	11,507	443	3.7	10,047	5,167	17	668	4,194
55 to 59 years	11,159	7,167	64.2	6,902	264	3.7	3,993	2,313	7	357	1,316
60 to 64 years	10,837	4,783	44.1	4,604	179	3.7	6,054	2,854	11	311	2,878
65 years and over	27,481	3,071	11.2	2,978	93	3.0	24,410	9,554	9	1,089	13,758
65 to 69 years	9,525	1,925	20.2	1,854	71	3.7	7,600	3,098	8	236	4,257
70 years and over	17,955	1,145	6.4	1,124	21	1.8	16,811	6,456	1	852	9,502
Men											
16 years and over	85,763	66,678	77.7	61,960	4,718	7.1	19,085	491	2,073	1,575	14,947
16 to 19 years	7,279	4,899	67.3	3,855	1,044	21.3	2,380	39	1,284	9	1,047
16 to 17 years	3,767	2,147	57.0	1,644	503	23.4	1,620	26	911	5	678
18 to 19 years	3,512	2,752	78.4	2,211	541	19.7	759	13	374	4	369
20 to 24 years	9,534	8,488	89.0	7,582	906	10.7	1,046	12	468	44	521
25 to 54 years	47,302	44,483	94.0	42,054	2,430	5.5	2,819	147	313	871	1,689
25 to 34 years	20,504	19,477	95.0	18,206	1,271	6.5	1,027	54	234	170	569
25 to 29 years	10,470	9,915	94.7	9,209	707	7.1	554	26	142	86	300
30 to 34 years	10,034	9,582	95.3	8,998	564	5.9	472	28	91	84	269
35 to 44 years	15,799	14,966	94.7	14,234	732	4.9	833	66	60	231	476
35 to 39 years	8,943	8,511	95.2	8,081	430	5.1	432	28	48	132	224
40 to 44 years	6,855	6,454	94.2	6,153	302	4.7	401	37	12	99	252
45 to 54 years	10,999	10,040	91.3	9,613	427	4.3	959	27	18	269	644
45 to 49 years	5,761	5,359	93.0	5,135	223	4.2	402	22	11	115	254
50 to 54 years	5,238	4,681	89.4	4,478	204	4.4	556	5	8	154	390
55 to 64 years	10,312	6,956	67.5	6,685	271	3.9	3,356	77	5	439	2,834
55 to 59 years	5,291	4,147	78.4	3,993	163	3.9	1,144	33	4	244	863
60 to 64 years	5,020	2,809	56.0	2,702	107	3.8	2,211	45	1	194	1,971
65 years and over	11,337	1,852	16.3	1,784	67	3.6	9,486	214	2	412	8,857
65 to 69 years	4,318	1,127	26.1	1,075	52	4.7	3,191	61	3	129	2,998
70 years and over	7,019	724	10.3	710	15	2.0	6,295	153		283	5,859
Women											
16 years and over	94,740	52,966	55.9	48,909	4,057	7.7	41,774	29,347	2,028	1,206	9,193
16 to 19 years	7,193	4,456	62.0	3,501	955	21.4	2,737	519	1,222	3	993
16 to 17 years	3,615	1,881	52.0	1,382	499	26.5	1,734	153	886	1	715
18 to 19 years	3,578	2,576	72.0	2,119	456	17.7	1,003	385	356	2	278
20 to 24 years	10,070	7,515	74.6	6,678	837	11.1	2,555	1,693	410	30	422
25 to 54 years	49,648	34,782	70.1	32,716	2,066	5.9	14,866	12,706	378	266	1,516
25 to 34 years	21,263	15,134	71.2	14,052	1,082	7.1	6,129	5,286	243	63	538
25 to 29 years	10,935	7,812	71.4	7,193	619	7.9	3,123	2,629	159	27	308
30 to 34 years	10,328	7,322	70.9	6,859	463	8.3	3,006	2,657	84	36	230
35 to 44 years	16,666	11,987	71.9	11,378	609	5.1	4,679	3,990	110	81	497
35 to 39 years	9,403	6,765	71.9	6,395	370	5.5	2,638	2,261	83	48	246
40 to 44 years	7,263	5,221	71.9	4,983	239	4.6	2,042	1,730	28	33	251
45 to 54 years	11,719	7,662	65.4	7,266	376	4.9	4,058	3,429	25	122	481
45 to 49 years	6,106	4,204	68.9	4,000	204	4.9	1,902	1,623	16	43	219
50 to 54 years	5,613	3,457	61.6	3,286	172	5.0	2,156	1,806	9	79	262
55 to 64 years	11,685	4,994	42.7	4,821	172	3.4	6,691	5,090	12	229	1,360
55 to 59 years	5,868	3,020	51.5	2,919	101	3.3	2,848	2,280	2	113	453
60 to 64 years	5,817	1,974	33.9	1,902	71	3.6	3,843	2,810	10	117	907
65 years and over	16,143	1,219	7.6	1,193	26	2.1	14,924	9,340	6	677	4,901
65 to 69 years	5,207	798	15.3	779	19	2.4	4,409	3,037	5	107	1,259
70 years and over	10,936	421	3.8	414	6	1.5	10,516	6,303	1	569	3,643

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	June 1986										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
WHITE											
16 years and over	155,376	103,253	66.5	96,823	6,430	6.2	52,123	26,148	2,937	2,214	20,824
16 to 19 years	11,877	8,015	67.5	6,591	1,424	17.8	3,862	455	1,809	9	1,590
16 to 17 years	6,034	3,502	58.0	2,762	740	21.1	2,532	139	1,291	4	1,099
18 to 19 years	5,843	4,513	77.2	3,829	684	15.2	1,330	316	518	5	492
20 to 24 years	16,377	13,643	83.3	12,431	1,211	8.9	2,735	1,355	629	52	699
25 to 54 years	82,871	68,117	82.2	64,787	3,330	4.9	14,753	11,017	480	728	2,529
25 to 34 years	35,286	29,434	83.4	27,712	1,722	5.8	5,852	4,499	335	169	849
25 to 29 years	18,053	15,061	83.4	14,100	960	6.4	2,992	2,216	226	78	472
30 to 34 years	17,233	14,373	83.4	13,612	761	5.3	2,860	2,283	109	92	376
35 to 44 years	28,025	23,387	83.5	22,386	1,001	4.3	4,638	3,474	122	261	781
35 to 39 years	15,763	13,180	83.6	12,590	590	7.2	2,584	1,973	88	147	384
40 to 44 years	12,260	10,207	83.3	9,796	411	4.0	2,053	1,510	34	113	397
45 to 54 years	19,560	15,296	78.2	14,689	607	4.0	4,263	3,043	23	299	898
45 to 49 years	10,183	8,221	80.7	7,915	306	3.7	1,962	1,456	14	123	381
50 to 54 years	9,376	7,075	75.5	6,774	301	4.3	2,301	1,644	9	176	517
55 to 64 years	19,495	10,691	54.8	10,306	385	3.6	8,804	4,581	13	531	3,678
55 to 59 years	9,836	6,386	64.9	6,157	229	3.6	3,450	2,055	4	282	1,109
60 to 64 years	9,659	4,306	44.6	4,149	156	3.6	5,353	2,526	9	249	2,569
65 years and over	24,757	2,787	11.3	2,707	80	2.9	21,970	8,741	7	894	12,328
65 to 69 years	8,503	1,726	20.3	1,666	60	3.5	6,778	2,768	7	201	3,802
70 years and over	16,252	1,061	6.5	1,041	21	2.0	15,192	5,973	1	693	8,526
Men											
16 years and over	74,367	58,246	78.3	54,739	3,507	6.0	16,121	376	1,487	1,271	12,987
16 to 19 years	5,979	4,203	70.3	3,442	761	18.1	1,776	29	932	8	807
16 to 17 years	3,082	1,883	61.1	1,501	382	20.3	1,199	16	656	3	525
18 to 19 years	2,897	2,320	80.1	1,942	378	16.3	577	13	276	5	282
20 to 24 years	8,015	7,241	90.3	6,603	638	8.8	774	11	341	36	386
25 to 54 years	40,947	38,807	94.8	36,989	1,818	4.7	2,139	102	206	531	1,300
25 to 34 years	17,561	16,813	95.7	15,862	950	5.7	748	40	164	119	426
25 to 29 years	8,974	8,548	95.3	8,016	531	6.2	426	20	111	59	236
30 to 34 years	8,587	8,265	96.2	7,846	419	5.1	322	20	53	61	189
35 to 44 years	13,821	13,184	95.4	12,637	547	4.2	636	46	35	189	366
35 to 39 years	7,795	7,466	95.8	7,149	317	4.2	329	18	26	107	178
40 to 44 years	6,025	5,718	94.9	5,488	230	4.0	307	28	9	82	188
45 to 54 years	9,565	8,810	92.1	8,490	320	3.6	754	16	7	223	508
45 to 49 years	4,997	4,679	93.6	4,526	153	3.3	318	11	4	97	206
50 to 54 years	4,567	4,131	90.4	3,964	167	4.0	436	5	3	126	302
55 to 64 years	9,208	6,290	68.3	6,061	229	3.6	2,918	63	5	361	2,489
55 to 59 years	4,701	3,729	79.3	3,592	137	3.7	972	27	4	204	737
60 to 64 years	4,507	2,561	56.8	2,469	92	3.6	1,946	36	1	157	1,752
65 years and over	10,218	1,704	16.7	1,643	61	3.6	8,514	171	3	335	8,004
65 to 69 years	3,862	1,019	26.4	972	47	4.6	2,843	42	3	112	2,686
70 years and over	6,355	685	10.8	671	14	2.1	5,671	129		223	5,319
Women											
16 years and over	81,009	45,007	55.6	42,084	2,923	6.5	36,002	25,772	1,450	943	7,837
16 to 19 years	5,897	3,812	64.6	3,149	663	17.4	2,086	426	876	-	783
16 to 17 years	2,952	1,619	54.9	1,262	357	22.1	1,333	123	635	1	574
18 to 19 years	2,946	2,193	74.4	1,887	306	13.9	753	303	241	-	209
20 to 24 years	8,362	6,401	76.6	5,828	573	9.0	1,961	1,344	287	16	313
25 to 54 years	41,924	29,310	69.9	27,798	1,512	5.2	12,614	10,915	274	197	1,229
25 to 34 years	17,725	12,621	71.2	11,850	771	6.1	5,104	4,460	171	50	423
25 to 29 years	9,079	6,513	71.7	6,084	429	6.6	2,566	2,196	115	19	236
30 to 34 years	8,646	6,108	70.6	5,766	342	5.6	2,538	2,263	56	31	187
35 to 44 years	14,204	10,203	71.8	9,749	454	4.4	4,001	3,428	87	72	415
35 to 39 years	7,968	5,714	71.7	5,441	273	4.8	2,255	1,947	62	40	206
40 to 44 years	6,235	4,489	72.0	4,308	181	4.0	1,746	1,481	25	31	209
45 to 54 years	9,995	6,486	64.9	6,199	287	4.4	3,509	3,027	16	76	390
45 to 49 years	5,186	3,542	68.3	3,389	153	4.3	1,644	1,434	10	26	175
50 to 54 years	4,809	2,944	61.2	2,810	134	4.5	1,865	1,594	6	50	215
55 to 64 years	10,287	4,401	42.8	4,245	156	3.5	5,886	4,519	8	170	1,189
55 to 59 years	5,135	2,656	51.7	2,565	91	3.4	2,478	2,028		78	372
60 to 64 years	5,152	1,745	33.9	1,680	65	3.7	3,407	2,490	7	93	817
65 years and over	14,539	1,083	7.4	1,064	19	1.8	13,456	8,569	4	559	4,323
65 to 69 years	4,641	707	15.2	694	13	1.8	3,935	2,726	4	89	1,116
70 years and over	9,897	376	3.8	370	7	1.7	9,521	5,844	1	470	3,207

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	June 1986										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
BLACK											
16 years and over	19,974	12,981	65.0	10,936	2,046	15.8	6,993	2,935	807	519	2,732
16 to 19 years	2,133	1,137	53.3	623	514	45.2	996	89	522	2	384
18 to 17 years	1,086	439	40.5	215	224	51.0	647	35	366	2	244
18 to 19 years	1,047	698	66.6	407	290	41.6	350	54	155	-	140
20 to 24 years	2,629	1,956	74.4	1,482	474	24.2	673	299	157	20	197
25 to 54 years	10,836	8,627	79.6	7,629	997	11.6	2,209	1,334	122	192	561
25 to 34 years	5,022	4,075	81.1	3,518	557	13.7	947	595	84	56	211
25 to 29 years	2,637	2,138	81.1	1,814	324	15.2	499	308	45	33	113
30 to 34 years	2,384	1,936	81.2	1,704	233	12.0	448	288	39	23	99
35 to 44 years	3,404	2,738	80.4	2,445	293	10.7	666	426	28	50	163
35 to 39 years	1,970	1,615	82.0	1,434	181	11.2	355	229	22	33	72
40 to 44 years	1,435	1,123	78.3	1,012	111	9.9	312	198	5	17	91
45 to 54 years	2,410	1,814	75.3	1,666	148	8.2	596	313	10	86	187
45 to 49 years	1,265	995	78.7	903	91	9.1	270	155	6	34	76
50 to 54 years	1,145	819	71.5	763	57	7.0	325	158	4	52	111
55 to 64 years	2,079	1,023	49.2	973	50	4.9	1,056	492	4	128	431
55 to 59 years	1,095	627	57.3	596	31	4.9	468	216	2	70	179
60 to 64 years	984	396	40.2	377	19	4.8	588	275	2	58	252
65 years and over	2,297	238	10.4	228	10	4.1	2,059	721	2	177	1,159
65 to 69 years	834	168	20.1	158	10	6.0	667	290	2	32	342
70 years and over	1,463	70	4.8	70	1	(¹)	1,392	431		145	817
Men											
16 years and over	8,951	6,582	73.5	5,547	1,035	15.7	2,369	92	380	280	1,616
18 to 19 years	1,048	574	54.8	329	245	42.7	474	7	265	1	202
16 to 17 years	545	216	39.6	115	101	46.8	330	7	196	2	125
18 to 19 years	503	358	71.3	214	144	40.2	144	-	68	-1	77
20 to 24 years	1,197	1,016	84.8	781	235	23.1	182	-	70	7	105
25 to 54 years	4,848	4,315	89.0	3,802	512	11.9	532	28	45	129	329
25 to 34 years	2,263	2,061	91.1	1,781	280	13.6	201	5	29	47	118
25 to 29 years	1,190	1,099	92.4	941	158	14.4	91	1	11	27	52
30 to 34 years	1,072	962	89.7	840	122	12.7	110	5	18	20	67
35 to 44 years	1,515	1,356	89.5	1,199	157	11.6	159	14	11	40	95
35 to 39 years	877	800	91.2	703	97	12.1	77	8	7	25	38
40 to 44 years	638	556	87.1	496	60	10.9	82	6	3	15	57
45 to 54 years	1,070	898	84.0	823	76	8.4	172	9	5	42	116
45 to 49 years	562	489	87.1	437	52	10.6	72	9	4	17	43
50 to 54 years	509	409	80.5	386	24	5.8	99	-	1	25	73
55 to 64 years	934	554	59.3	517	36	6.6	380	15	71	293	
55 to 59 years	495	344	69.5	321	23	6.6	151	6	35	110	
60 to 64 years	439	210	47.9	197	13	6.4	229	8	36	184	
65 years and over	924	123	13.3	118	5	4.3	801	42	72	687	
65 to 69 years	361	90	24.8	85	5	5.2	272	19	-	15	237
70 years and over	563	33	5.9	32	1	(¹)	530	23		57	450
Women											
16 years and over	11,023	6,399	58.1	5,389	1,011	15.8	4,624	2,842	427	238	1,116
16 to 19 years	1,085	563	51.9	294	269	47.8	522	82	257	1	182
16 to 17 years	541	224	41.4	101	123	55.0	317	28	170		119
18 to 19 years	544	339	62.3	193	146	43.1	205	54	87	1	63
20 to 24 years	1,432	941	65.7	701	239	25.4	491	299	87	13	92
25 to 54 years	5,988	4,312	72.0	3,827	485	11.2	1,677	1,306	77	63	232
25 to 34 years	2,759	2,014	73.0	1,737	277	13.7	746	590	55	9	93
25 to 29 years	1,447	1,039	71.8	873	166	16.0	408	307	34	6	61
30 to 34 years	1,312	974	74.2	864	111	11.4	338	283	21	3	32
35 to 44 years	1,889	1,382	73.1	1,247	135	9.8	507	412	17	10	68
35 to 39 years	1,093	815	74.6	731	84	10.3	278	221	15	8	34
40 to 44 years	797	567	71.2	516	51	9.1	230	192	2	2	34
45 to 54 years	1,340	916	68.3	843	72	7.9	424	304	5	44	71
45 to 49 years	703	506	71.9	466	39	7.8	198	146	2	17	33
50 to 54 years	636	410	64.4	377	33	8.1	226	158	3	27	38
55 to 64 years	1,145	469	41.0	456	14	2.9	676	477	4	57	138
55 to 59 years	600	283	47.2	275	8	2.8	317	210	2	35	70
60 to 64 years	545	186	34.1	180	6	3.0	359	267	2	22	68
65 years and over	1,373	115	8.4	111	4	3.9	1,258	679	2	105	472
65 to 69 years	473	78	16.4	73	5	6.0	395	271	2	17	105
70 years and over	900	37	4.2	38	-	(¹)	862	408		88	367

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age and sex	June 1986								
	Civilian noninstitutional population	Civilian labor force							Not in labor force
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL									
16 years and over	25,127	16,391	65.2	14,046	243	13,803	2,345	14.3	8,736
16 to 19 years	2,595	1,341	51.7	765	10	755	576	42.9	1,255
16 to 17 years	1,348	526	39.0	264	7	257	262	49.8	823
18 to 19 years	1,247	815	65.4	501	4	498	314	38.5	432
20 to 24 years	3,226	2,360	73.2	1,828	30	1,798	532	22.5	886
25 to 54 years	14,079	11,148	79.2	9,982	152	9,829	1,167	10.5	2,932
25 to 34 years	6,481	5,177	79.9	4,546	55	4,491	631	12.2	1,304
25 to 29 years	3,351	2,667	79.6	2,301	32	2,269	366	13.7	685
30 to 34 years	3,129	1,369	43.6	2,245	22	2,223	266	19.4	619
35 to 44 years	4,440	3,565	80.3	3,225	48	3,177	340	9.5	875
35 to 39 years	2,582	2,097	81.2	1,866	30	1,836	211	10.1	486
40 to 44 years	1,858	1,468	79.0	1,339	17	1,322	129	8.8	388
45 to 54 years	3,159	2,406	76.2	2,210	50	2,160	196	8.1	753
45 to 49 years	1,684	1,342	79.7	1,220	21	1,201	121	9.0	342
50 to 54 years	1,474	1,063	72.1	988	29	959	75	7.1	411
55 to 64 years	2,502	1,258	50.3	1,201	32	1,169	58	4.6	1,243
55 to 59 years	1,323	781	59.0	745	16	729	36	4.5	542
60 to 64 years	1,179	477	40.5	455	15	440	22	4.7	701
65 years and over	2,724	284	10.4	271	18	253	13	4.5	2,440
65 to 69 years	1,022	200	19.6	188	12	175	12	6.0	822
70 years and over	1,703	84	4.9	84	6	78	8	9.5	1,619
Men									
16 years and over	11,396	8,432	74.0	7,221	205	7,015	1,211	14.4	2,964
16 to 19 years	1,300	896	53.6	413	9	404	283	40.7	603
16 to 17 years	685	264	38.5	143	5	138	121	45.7	421
18 to 19 years	615	432	70.3	269	4	266	163	37.7	182
20 to 24 years	1,518	1,248	82.1	979	28	951	268	21.5	272
25 to 54 years	6,355	5,676	89.3	5,064	125	4,939	612	10.8	680
25 to 34 years	2,943	2,665	90.5	2,344	48	2,297	321	12.0	278
25 to 29 years	1,496	1,368	91.4	1,192	32	1,160	176	12.8	128
30 to 34 years	1,447	1,297	89.6	1,152	15	1,137	145	11.2	150
35 to 44 years	1,978	1,781	90.1	1,597	35	1,561	184	10.4	197
35 to 39 years	1,148	1,045	91.0	932	21	911	113	10.8	103
40 to 44 years	830	736	88.7	665	14	651	71	9.7	93
45 to 54 years	1,434	1,230	85.8	1,123	42	1,081	107	8.7	204
45 to 49 years	764	680	89.0	609	21	589	70	10.3	84
50 to 54 years	870	550	63.2	513	21	492	37	6.7	120
55 to 64 years	1,103	666	60.4	624	25	599	42	6.3	437
55 to 59 years	590	417	70.8	391	13	379	26	6.2	172
60 to 64 years	513	248	48.4	233	12	220	18	6.3	265
65 years and over	1,120	148	13.2	141	18	123	6	4.2	972
65 to 69 years	456	108	23.7	103	12	90	5	5.1	348
70 years and over	664	39	5.9	39	6	33	1	(¹)	625
Women									
16 years and over	13,731	7,959	58.0	6,826	38	6,788	1,134	14.2	5,772
16 to 19 years	1,296	644	49.7	352	1	351	292	45.3	651
16 to 17 years	663	262	39.4	120	1	119	141	54.0	402
18 to 19 years	632	383	60.5	232	-	232	151	39.4	250
20 to 24 years	1,708	1,114	65.2	850	2	848	264	23.7	594
25 to 54 years	7,724	5,472	70.8	4,918	27	4,890	555	10.1	2,252
25 to 34 years	3,538	2,512	71.0	2,202	7	2,195	310	12.3	1,025
25 to 29 years	1,855	1,299	70.0	1,109	-	1,109	190	14.6	557
30 to 34 years	1,682	1,214	72.1	1,093	7	1,086	121	9.9	469
35 to 44 years	2,462	1,784	72.5	1,629	12	1,616	156	8.7	678
35 to 39 years	1,434	1,052	73.3	954	9	945	98	9.3	383
40 to 44 years	1,028	732	71.3	674	3	671	58	7.9	295
45 to 54 years	1,724	1,176	68.2	1,087	8	1,079	89	7.6	549
45 to 49 years	920	862	93.7	811	-	811	51	7.7	258
50 to 54 years	804	513	63.8	475	8	467	38	7.4	291
55 to 64 years	1,398	593	42.4	576	7	570	16	2.7	806
55 to 59 years	733	364	49.6	354	4	350	9	2.6	370
60 to 64 years	865	229	26.5	222	3	219	7	3.0	436
65 years and over	1,605	136	8.5	130	-	130	6	4.8	1,468
65 to 69 years	566	92	16.2	85	-	85	7	7.3	474
70 years and over	1,039	45	4.3	45	-	45	-	(¹)	994

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

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

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986
TOTAL								
Civilian noninstitutional population	178,096	180,503	77,135	78,484	86,477	87,547	14,483	14,472
Civilian labor force	116,572	119,644	60,656	61,779	46,874	48,510	9,041	9,356
Percent of population	65.5	66.3	78.6	78.7	54.2	55.4	62.4	64.6
Employed	107,819	110,869	56,948	58,105	43,727	45,408	7,144	7,356
Agriculture	3,634	3,651	2,465	2,533	688	679	480	439
Nonagricultural industries	104,185	107,218	54,483	55,572	43,039	44,730	6,663	6,917
Unemployed	8,753	8,775	3,708	3,674	3,148	3,101	1,898	2,000
Unemployment rate	7.5	7.3	6.1	5.9	6.7	6.4	21.0	21.4
Not in labor force	61,524	60,859	16,479	16,706	39,603	39,037	5,442	5,117
White								
Civilian noninstitutional population	153,597	155,376	67,350	68,388	74,359	75,112	11,889	11,877
Civilian labor force	100,833	103,253	53,257	54,043	39,772	41,195	7,804	8,015
Percent of population	65.6	66.5	79.1	79.0	53.5	54.8	65.6	67.5
Employed	94,261	96,823	50,378	51,297	37,457	38,935	6,425	6,591
Agriculture	3,366	3,408	2,262	2,337	639	642	465	429
Nonagricultural industries	90,895	93,415	48,117	48,960	36,818	38,293	5,960	6,162
Unemployed	6,573	6,430	2,879	2,746	2,315	2,260	1,379	1,424
Unemployment rate	6.5	6.2	5.4	5.1	5.8	5.5	17.7	17.8
Not in labor force	52,764	52,123	14,092	14,345	34,587	33,917	4,085	3,862
Black								
Civilian noninstitutional population	19,646	19,974	7,723	7,903	9,763	9,938	2,160	2,133
Civilian labor force	12,544	12,981	5,771	6,007	5,728	5,837	1,045	1,137
Percent of population	63.8	65.0	74.7	76.0	58.7	58.7	48.4	53.3
Employed	10,641	10,936	5,062	5,218	5,005	5,095	574	623
Agriculture	208	179	158	154	35	21	14	3
Nonagricultural industries	10,433	10,757	4,903	5,063	4,971	5,074	559	620
Unemployed	1,903	2,046	709	790	722	742	472	514
Unemployment rate	15.2	15.8	12.3	13.2	12.6	12.7	45.1	45.2
Not in labor force	7,103	6,993	1,953	1,895	4,035	4,102	1,115	996

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	June 1986									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL ENROLLED										
Total, 16 to 24 years	6,957	3,612	51.9	3,023	797	2,226	589	264	325	16.3
16 to 19 years	4,822	2,297	47.6	1,840	323	1,517	457	205	252	19.9
20 to 24 years	2,135	1,315	61.8	1,183	473	710	132	59	73	10.1
High school	4,013	1,773	44.2	1,384	196	1,188	390	173	216	22.0
College	2,944	1,839	62.5	1,639	601	1,038	200	91	109	10.9
Full-time students	2,261	1,284	55.9	1,122	314	808	141	64	77	11.2
Part-time students	883	575	64.2	517	287	230	58	27	31	10.1
Men, 16 to 24 years	3,498	1,784	50.4	1,478	410	1,068	286	147	139	16.2
16 to 19 years	2,418	1,126	46.6	910	174	736	216	115	101	19.2
20 to 24 years	1,080	658	59.1	568	236	332	70	32	38	11.0
High school	2,092	933	44.6	738	115	622	195	106	89	20.9
College	1,407	831	59.1	740	295	446	91	42	49	10.9
Full-time students	1,091	582	51.6	502	157	345	60	26	34	10.7
Part-time students	316	268	85.0	238	138	100	31	15	15	11.4
Women, 16 to 24 years	3,459	1,848	53.4	1,545	386	1,158	303	117	186	16.4
16 to 19 years	2,404	1,171	48.7	930	149	780	241	90	151	20.6
20 to 24 years	1,055	677	64.2	615	237	378	62	27	35	9.2
High school	1,921	840	43.7	646	80	566	194	68	127	23.1
College	1,537	1,008	65.6	899	306	593	109	50	59	10.8
Full-time students	1,170	701	59.9	620	157	463	81	38	43	11.6
Part-time students	367	307	83.6	279	149	130	28	12	16	9.1
White										
Total, 16 to 24 years	5,514	3,085	56.0	2,665	706	1,959	421	182	239	13.6
16 to 19 years	3,776	1,853	51.7	1,626	282	1,344	327	140	187	16.7
20 to 24 years	1,738	1,133	65.2	1,039	424	615	94	42	52	6.3
Men	2,770	1,504	54.3	1,295	353	942	209	104	105	13.9
Women	2,743	1,582	57.6	1,370	353	1,017	212	78	134	13.4
High school	3,105	1,515	48.8	1,247	173	1,074	268	110	159	17.7
College	2,409	1,570	65.2	1,418	533	885	152	72	80	9.7
Full-time students	1,810	1,056	58.4	953	271	682	104	53	50	9.8
Part-time students	599	514	85.8	465	262	203	49	19	30	9.5
Black										
Total, 16 to 24 years	1,048	406	38.7	261	83	178	145	70	75	35.7
16 to 19 years	802	276	34.5	162	40	122	115	55	59	41.5
20 to 24 years	246	129	52.6	99	43	56	30	15	15	23.5
Men	515	195	37.9	129	51	77	67	39	27	34.1
Women	533	211	39.5	132	32	100	78	31	47	37.2
High school	697	211	30.2	105	23	82	106	55	51	50.4
College	351	195	55.5	156	60	96	39	15	23	19.9
Full-time students	293	151	51.4	120	38	81	31	9	22	20.6
Part-time students	58	45	(²)	37	22	15	8	6	1	(²)
Hispanic origin										
Total, 16 to 24 years	717	254	35.5	195	30	165	59	22	37	23.2
16 to 19 years	548	153	28.0	109	16	94	44	12	32	28.6
20 to 24 years	169	101	59.8	86	14	72	15	10	5	14.9
Men	348	132	37.9	99	18	81	32	17	16	24.7
Women	369	123	33.2	96	12	84	26	5	21	21.6
High school	497	126	25.4	88	12	77	38	11	27	29.9
College	220	128	58.2	107	18	89	21	11	10	16.5
Full-time students	193	100	51.9	86	15	71	14	5	9	13.9
Part-time students	27	28	(²)	21	3	17	7	6	1	(²)

See footnotes at end of table.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	June 1986									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL NOT ENROLLED										
Total, 16 to 24 years	27,119	21,746	80.2	18,593	14,174	4,419	3,153	2,534	619	14.5
16 to 19 years	9,650	7,059	73.1	5,516	2,994	2,522	1,542	1,075	468	21.9
20 to 24 years	17,469	14,688	84.1	13,077	11,180	1,897	1,611	1,460	151	11.0
Less than 4 years of high school	8,566	5,566	65.2	4,238	2,414	1,824	1,348	972	375	24.1
4 years of high school	11,380	9,671	85.0	8,419	6,863	1,555	1,253	1,089	164	13.0
1 to 3 years of college	5,286	4,733	89.5	4,334	3,475	859	399	330	69	8.4
4 years of college or more	1,886	1,756	93.1	1,603	1,422	180	153	143	11	8.7
Men, 16 to 24 years	13,314	11,623	87.3	9,959	7,983	1,976	1,664	1,408	256	14.3
16 to 19 years	4,861	3,773	77.6	2,945	1,689	1,256	828	608	220	22.0
20 to 24 years	8,454	7,850	92.9	7,014	6,294	720	836	799	37	10.7
Less than 4 years of high school	4,541	3,471	76.4	2,680	1,692	988	791	608	183	22.8
4 years of high school	5,454	5,066	92.9	4,445	3,874	572	821	574	47	12.3
1 to 3 years of college	2,507	2,323	92.6	2,121	1,768	353	202	178	24	8.7
4 years of college or more	813	763	93.9	713	649	64	50	48	2	6.6
Women, 16 to 24 years	13,805	10,123	73.3	8,634	6,191	2,443	1,489	1,127	362	14.7
16 to 19 years	4,790	3,286	68.6	2,571	1,306	1,266	714	466	248	21.7
20 to 24 years	9,015	6,837	75.8	6,063	4,886	1,177	775	661	114	11.3
Less than 4 years of high school	4,026	2,115	52.5	1,558	721	837	557	364	192	26.3
4 years of high school	5,926	4,605	77.7	3,973	2,990	984	632	515	116	13.7
1 to 3 years of college	2,779	2,410	86.7	2,213	1,707	506	197	153	45	8.2
4 years of college or more	1,074	993	92.5	890	773	116	103	94	9	10.4
White										
Total, 16 to 24 years	22,740	18,572	81.7	16,358	12,496	3,862	2,214	1,747	468	11.9
16 to 19 years	8,101	6,062	74.8	4,965	2,735	2,230	1,097	748	350	18.1
20 to 24 years	14,639	12,510	85.5	11,393	9,761	1,632	1,117	999	118	8.9
Men	11,224	9,941	88.6	8,750	7,064	1,686	1,190	989	201	12.0
Women	11,516	8,631	75.0	7,607	5,432	2,176	1,024	758	266	11.9
Less than 4 years of high school	7,000	4,719	67.4	3,769	2,138	1,631	950	670	280	20.1
4 years of high school	9,515	8,209	86.3	7,348	6,014	1,334	861	732	126	10.5
1 to 3 years of college	4,544	4,076	89.7	3,794	3,051	743	282	230	52	6.9
4 years of college or more	1,681	1,569	93.3	1,447	1,293	154	122	114	8	7.8
Black										
Total, 16 to 24 years	3,714	2,687	72.4	1,844	1,392	452	843	720	123	31.4
16 to 19 years	1,331	860	64.7	461	216	245	399	301	99	46.4
20 to 24 years	2,383	1,827	76.7	1,383	1,176	207	444	420	24	24.3
Men	1,730	1,395	80.6	981	745	237	413	376	37	29.6
Women	1,984	1,293	65.2	863	648	215	430	344	86	33.3
Less than 4 years of high school	1,336	744	55.7	389	230	158	355	278	78	47.8
4 years of high school	1,644	1,287	78.3	937	744	193	350	324	26	27.2
1 to 3 years of college	587	523	89.1	412	328	85	110	93	17	21.1
4 years of college or more	148	134	90.6	106	90	16	28	25	3	21.0
Hispanic origin										
Total, 16 to 24 years	2,455	1,787	72.6	1,489	1,233	256	297	254	43	16.6
16 to 19 years	752	484	64.3	347	224	123	136	107	30	28.2
20 to 24 years	1,703	1,303	76.5	1,142	1,009	133	181	147	14	12.4
Men	1,292	1,098	85.0	940	786	154	158	138	19	14.4
Women	1,163	689	59.2	549	447	102	140	116	24	20.3
Less than 4 years of high school	1,217	771	63.3	610	485	125	161	135	26	20.9
4 years of high school	903	728	80.7	614	520	93	114	104	10	15.7
1 to 3 years of college	268	232	86.9	211	178	33	21	15	7	9.2
4 years of college or more	67	55	(²)	55	49	5	1	1	-	(²)

¹ Employed persons with a job but not at work and persons at work part time are distributed according to whether they usually work full or part time.

² Data not shown where base is less than 75,000.

NOTE: In the summer months, the educational attainment levels of youth not enrolled in school are increased by the temporary movement of high school and

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-8. Employment status of male Vietnam-era veterans and nonveterans by age, not seasonally adjusted

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	June 1985	June 1986	Total		Employed		Unemployed			
			June 1985	June 1986	June 1985	June 1986	Number		Percent of labor force	
							June 1985	June 1986	June 1985	June 1986
VIETNAM-ERA VETERANS										
Total, 30 years and over	7,645	7,742	7,187	7,210	6,806	6,872	381	338	5.3	4.7
30 to 44 years	6,514	6,391	6,292	6,116	5,939	5,818	353	298	5.6	4.9
30 to 34 years	1,386	1,155	1,329	1,088	1,240	1,009	89	79	6.7	7.3
35 to 39 years	3,373	3,086	3,268	2,961	3,071	2,818	197	143	6.0	4.8
40 to 44 years	1,755	2,150	1,695	2,067	1,628	1,991	67	76	4.0	3.7
45 years and over	1,131	1,351	895	1,094	867	1,054	28	40	3.1	3.7
NONVETERANS										
Total, 30 to 44 years	17,189	18,356	16,285	17,383	15,410	16,444	875	939	5.4	5.4
30 to 34 years	7,966	8,545	7,617	8,158	7,168	7,698	449	460	5.9	5.6
35 to 39 years	4,925	5,666	4,638	5,365	4,406	5,088	232	277	5.0	5.2
40 to 44 years	4,298	4,145	4,030	3,860	3,836	3,658	194	202	4.8	5.2

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; published data are limited to those 30 to 44 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Data

for 25- to 29-year-old veterans are no longer shown in this table because the group is rapidly disappearing (into the 30-34 age category) and the numbers remaining for some labor force categories are not large enough to warrant their continued publication.

A-9. Employed and unemployed full- and part-time workers by sex, age, and race

(In thousands)

Sex, age, and race	June 1986							
	Employed						Unemployed	
	Full time			Part time			Looking for full-time work	Looking for part-time work
	Total	Full-time schedules ¹	Part time for economic reasons, usually work full time	Total	Voluntary ¹	Part time for economic reasons, usually work part time		
TOTAL								
Total, 16 years and over	92,412	90,646	1,766	18,457	14,105	4,352	7,297	1,478
16 to 19 years	3,317	3,113	204	4,038	2,939	1,099	1,280	720
16 to 17 years	764	693	71	2,261	1,757	504	502	500
18 to 19 years	2,554	2,420	134	1,776	1,181	595	778	220
20 years and over	89,095	87,533	1,562	14,419	11,166	3,253	6,017	758
20 to 24 years	11,653	11,372	281	2,606	1,690	916	1,519	224
25 years and over	77,441	76,160	1,281	11,812	9,475	2,337	4,498	534
25 to 54 years	66,442	65,342	1,100	8,327	6,377	1,950	4,113	384
55 years and over	10,998	10,818	180	3,486	3,099	387	385	150
Men, 16 years and over	55,975	54,962	1,013	5,985	4,122	1,863	4,179	539
16 to 19 years	1,863	1,750	113	1,992	1,404	588	724	320
20 years and over	54,113	53,212	901	3,992	2,718	1,274	3,455	218
20 to 24 years	6,530	6,376	154	1,052	613	439	831	75
25 years and over	47,582	46,836	746	2,941	2,106	835	2,624	143
25 to 54 years	40,523	39,881	642	1,530	850	680	2,360	70
55 years and over	7,058	6,954	104	1,411	1,256	155	264	73
Women, 16 years and over	36,437	35,684	753	12,472	9,983	2,489	3,118	939
16 to 19 years	1,455	1,363	92	2,046	1,535	511	556	399
20 years and over	34,982	34,321	661	10,426	8,447	1,979	2,562	540
20 to 24 years	5,123	4,998	127	1,555	1,078	477	688	149
25 years and over	29,859	29,325	534	8,872	7,370	1,502	1,874	391
25 to 54 years	25,919	25,461	458	6,797	5,527	1,270	1,752	314
55 years and over	3,940	3,864	76	2,074	1,842	232	122	76
White								
Men, 16 years and over	49,589	48,693	896	5,150	3,647	1,503	3,093	414
16 to 19 years	1,701	1,598	103	1,741	1,248	493	513	248
20 years and over	47,888	47,095	793	3,409	2,399	1,010	2,580	166
20 to 24 years	5,715	5,588	127	888	525	363	580	59
25 years and over	42,173	41,507	666	2,521	1,874	647	2,001	107
25 to 54 years	35,749	35,162	567	1,241	718	523	1,766	51
55 years and over	6,424	6,325	99	1,280	1,156	124	234	56
Women, 18 years and over	30,923	30,289	834	11,161	9,157	2,004	2,203	720
16 to 19 years	1,315	1,228	87	1,834	1,385	449	374	289
20 years and over	29,607	29,060	547	9,327	7,772	1,555	1,829	431
20 to 24 years	4,469	4,368	101	1,359	969	390	462	111
25 years and over	25,137	24,692	445	7,970	6,804	1,166	1,366	320
25 to 54 years	21,674	21,299	375	6,125	5,125	1,000	1,260	252
55 years and over	3,464	3,393	71	1,845	1,679	166	106	69
Black								
Men, 16 years and over	4,900	4,806	94	647	340	307	942	93
16 to 19 years	132	123	9	197	113	84	189	56
20 years and over	4,768	4,683	85	449	227	222	753	36
20 to 24 years	664	640	24	117	54	63	227	8
25 years and over	4,105	4,044	61	333	173	160	527	29
25 to 54 years	3,584	3,528	56	220	88	132	502	12
55 years and over	521	516	5	113	85	28	25	17
Women, 16 years and over	4,355	4,251	104	1,034	622	412	820	191
16 to 19 years	124	121	3	169	117	52	167	102
20 years and over	4,231	4,131	100	864	505	359	653	89
20 to 24 years	555	530	25	146	69	77	208	32
25 years and over	3,675	3,600	75	718	436	282	445	57
25 to 54 years	3,305	3,236	69	523	289	234	435	49
55 years and over	370	364	6	195	147	48	10	8

¹ Employed persons with a job but not at work are distributed according to whether they usually work full or part time.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Family relationship	June 1986									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over ¹	98,100	66.9	90,705	7,395	7.5	48,467	24,265	3,696	2,061	18,445
Husbands	39,415	78.6	37,838	1,577	4.0	10,762	197	145	908	9,513
With employed wife	23,747	91.5	22,894	853	3.6	2,203	74	77	332	1,721
With unemployed wife	1,196	91.7	1,055	141	11.8	109	-	3	32	74
With wife not in labor force	14,471	63.1	13,889	582	4.0	8,451	123	65	545	7,719
Wives	27,255	54.3	25,950	1,305	4.8	22,922	19,186	211	318	3,207
With employed husband	23,949	63.3	22,894	1,055	4.4	13,889	12,536	160	89	1,104
With unemployed husband	995	63.1	853	141	14.2	582	520	11	10	40
With husband not in labor force	2,311	21.5	2,203	109	4.7	8,451	6,130	40	219	2,062
Relatives in married-couple families	15,614	72.1	13,341	2,273	14.6	6,052	834	2,197	301	2,719
16 to 19 years	6,453	66.6	5,183	1,270	19.7	3,235	184	1,644	9	1,399
20 to 24 years	5,822	84.6	5,216	606	10.4	1,061	156	452	33	420
25 years and over	3,339	65.5	2,942	397	11.9	1,756	494	101	259	900
Women who maintain families	6,341	61.4	5,703	637	10.1	3,980	2,911	124	149	796
Relatives in families maintained by women	5,944	65.2	4,723	1,221	20.5	3,171	739	815	267	1,351
16 to 19 years	1,733	59.7	1,203	529	30.6	1,169	90	650	3	425
20 to 24 years	1,748	78.2	1,398	350	20.0	488	108	123	25	232
25 years and over	2,464	61.9	2,122	342	13.9	1,514	541	42	239	694
Men who maintain families	1,916	75.7	1,776	140	7.3	616	48	34	63	471
Relatives in families maintained by men	1,615	62.6	1,373	242	15.0	964	350	170	55	390
16 to 19 years	325	57.2	252	73	22.4	243	22	115	1	104
20 to 24 years	465	79.1	376	89	19.1	122	32	45	3	42
25 years and over	825	57.9	745	80	9.7	599	296	10	51	244

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

NOTE: Estimates shown in this table for husbands, wives, and women

who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

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

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986
Total, 16 years and over	4,709	4,718	7.2	7.1	4,044	4,057	7.9	7.7
Married, spouse present	1,734	1,741	4.2	4.2	1,540	1,434	5.7	5.1
Widowed, divorced, or separated	576	546	9.1	8.7	787	870	7.8	8.6
Single (never married)	2,399	2,431	13.1	12.9	1,718	1,753	12.4	12.1
White, 16 years and over	3,601	3,507	6.3	6.0	2,971	2,923	6.8	6.5
Married, spouse present	1,447	1,406	3.9	3.8	1,313	1,186	5.4	4.7
Widowed, divorced, or separated	416	393	8.0	7.5	549	643	6.9	7.9
Single (never married)	1,738	1,707	11.3	10.9	1,109	1,094	9.9	9.3
Black, 16 years and over	960	1,035	15.2	15.7	943	1,011	15.2	15.8
Married, spouse present	224	256	7.6	8.4	176	191	8.2	8.5
Widowed, divorced, or separated	142	143	14.7	15.4	207	207	11.5	11.8
Single (never married)	595	636	24.8	24.4	559	613	24.6	25.5
Total, 25 years and over	2,719	2,768	5.2	5.2	2,293	2,264	5.8	5.5
Married, spouse present	1,568	1,586	4.0	4.0	1,233	1,149	5.0	4.5
Widowed, divorced, or separated	540	504	9.0	8.3	701	776	7.4	8.1
Single (never married)	610	679	8.5	8.9	359	338	6.9	6.0
White, 25 years and over	2,139	2,108	4.7	4.5	1,725	1,687	5.2	4.8
Married, spouse present	1,310	1,277	3.7	3.6	1,046	944	4.8	4.1
Widowed, divorced, or separated	392	355	7.9	7.0	481	562	6.4	7.3
Single (never married)	438	475	7.5	7.6	199	181	5.0	4.2
Black, 25 years and over	489	555	10.2	11.1	484	503	10.1	10.3
Married, spouse present	202	235	7.2	8.1	141	157	7.1	7.6
Widowed, divorced, or separated	132	138	14.2	15.2	194	195	11.2	11.5
Single (never married)	155	182	15.0	15.4	148	150	13.7	13.4

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986
Total, 16 years and over	8,753	8,775	7.5	7.3	7.2	7.1	7.9	7.7
Managerial and professional specialty	691	653	2.7	2.4	2.4	2.2	3.0	2.8
Executive, administrative, and managerial	336	342	2.7	2.6	2.4	2.1	3.3	3.5
Professional specialty	355	311	2.6	2.2	2.4	2.2	2.8	2.3
Technical, sales, and administrative support	1,750	1,823	5.0	5.0	4.3	4.1	5.4	5.5
Technicians and related support	149	110	4.4	3.2	4.5	3.1	4.4	3.3
Sales occupations	689	811	5.1	5.7	3.7	4.1	6.6	7.3
Administrative support, including clerical	912	902	5.1	4.9	5.3	4.7	5.0	4.9
Service occupations	1,441	1,339	9.1	8.4	8.9	8.6	9.2	8.3
Private household	80	72	7.3	6.4	(¹)	(¹)	7.1	6.5
Protective service	83	82	4.6	4.3	4.4	4.3	5.6	4.3
Service, except private household and protective	1,278	1,184	9.9	9.2	10.4	10.3	9.6	8.7
Precision production, craft, and repair	995	987	6.8	6.7	6.5	6.4	9.9	9.8
Mechanics and repairers	206	232	4.4	5.0	4.5	4.9	1.0	7.7
Construction trades	512	460	9.5	8.1	9.3	8.0	20.0	9.8
Other precision production, craft, and repair	277	296	6.1	6.7	5.1	5.6	10.0	10.2
Operators, fabricators, and laborers	2,042	2,092	10.7	10.6	10.0	10.2	12.5	11.9
Machine operators, assemblers, and inspectors	979	930	11.0	10.3	9.8	8.9	12.9	12.4
Transportation and material moving occupations	376	421	7.5	8.2	7.5	8.2	7.3	8.6
Handlers, equipment cleaners, helpers, and laborers	687	741	13.0	13.2	13.0	13.5	13.1	11.5
Construction laborers	154	187	17.4	18.9	17.7	19.3	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	533	554	12.1	12.0	11.9	12.0	13.2	11.9
Farming, forestry, and fishing	291	278	6.6	6.2	6.0	6.0	9.1	7.5
No previous work experience	1,502	1,545	-	-	-	-	-	-
16 to 19 years	1,091	1,147	-	-	-	-	-	-
20 to 24 years	254	225	-	-	-	-	-	-
25 years and over	157	173	-	-	-	-	-	-

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-13. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986
Total, 16 years and over	8,753	8,775	7.5	7.3	7.2	7.1	7.9	7.7
Nonagricultural private wage and salary workers	6,195	6,208	7.1	6.9	7.0	7.0	7.3	6.9
Mining	108	180	10.1	16.5	10.2	18.3	9.7	8.0
Construction	702	670	11.7	10.5	11.9	10.6	9.5	8.5
Manufacturing	1,675	1,561	7.5	7.0	6.5	6.0	9.3	9.0
Durable goods	1,050	926	7.8	7.0	7.2	6.4	9.4	8.6
Lumber and wood products	82	79	11.3	10.7	8.8	10.8	24.3	10.1
Furniture and fixtures	73	55	11.9	8.4	11.2	7.3	13.8	10.5
Stone, clay, and glass products	69	43	10.8	6.7	10.0	6.9	13.3	6.1
Primary metal industries	110	104	11.8	11.6	11.7	11.3	12.6	13.4
Fabricated metal products	112	126	8.0	8.8	8.6	8.9	5.7	8.5
Machinery, except electrical	182	162	6.3	6.2	6.2	5.5	6.8	8.1
Electrical machinery, equipment, and supplies	191	141	7.6	6.4	5.6	4.4	10.5	9.5
Transportation equipment	164	136	6.3	5.0	5.6	4.5	8.6	6.7
Automobiles	96	80	7.2	6.0	6.7	4.8	9.0	10.5
Other transportation equipment	68	56	5.3	3.9	4.4	4.1	8.3	3.4
Professional and photographic equipment	29	36	3.9	4.6	2.8	3.2	5.5	6.6
Other durable goods industries	39	43	8.1	8.9	7.3	7.6	9.1	10.5
Nondurable goods	625	635	7.0	7.0	5.3	5.3	9.3	9.4
Food and kindred products	181	193	9.5	9.9	8.2	7.2	12.2	15.2
Textile mill products	58	66	7.2	8.3	5.4	7.8	9.1	9.0
Apparel and other textile products	129	121	9.7	8.9	7.2	4.8	10.4	10.3
Paper and allied products	22	22	3.3	3.0	2.7	1.8	5.3	6.8
Printing and publishing	89	82	5.3	4.4	3.7	4.0	7.3	5.0
Chemicals and allied products	46	59	3.8	4.5	3.3	4.4	4.7	4.7
Rubber and miscellaneous plastics products	71	66	8.9	9.4	5.4	7.4	14.3	13.1
Other nondurable goods industries	28	27	6.0	7.0	5.4	4.1	7.6	13.6
Transportation and public utilities	294	303	4.8	5.0	5.1	5.3	4.3	4.1
Transportation	225	218	5.4	5.1	5.8	5.5	4.0	3.6
Communications and other public utilities	69	86	2.6	3.2	2.1	3.0	3.6	3.5
Wholesale and retail trade	1,722	1,805	7.7	7.8	6.9	7.3	8.7	8.3
Wholesale trade	226	230	5.3	5.1	4.7	4.8	6.7	5.9
Retail trade	1,496	1,574	8.3	8.5	7.6	8.2	9.0	8.7
Finance, insurance, and real estate	250	261	3.9	3.8	4.0	3.3	3.9	4.2
Service industries	1,443	1,426	6.4	6.0	6.5	6.4	6.3	5.8
Professional services	575	499	4.7	3.9	4.3	3.7	4.9	4.0
Other service industries	868	927	8.4	8.6	8.1	8.4	8.6	8.9
Agricultural wage and salary workers	190	196	9.3	9.8	8.3	9.2	13.1	12.3
Government, self-employed, and unpaid family workers	867	826	3.3	3.1	3.2	2.9	3.4	3.3
No previous work experience	1,502	1,545	-	-	-	-	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Reason for unemployment	Total unemployed		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986
NUMBER OF UNEMPLOYED												
Total unemployed	8,753	8,775	3,708	3,674	3,148	3,101	1,898	2,000	6,573	6,430	1,903	2,046
Job losers	3,818	3,962	2,380	2,488	1,230	1,254	208	220	2,939	2,986	778	875
On layoff	990	927	580	570	372	320	39	37	837	790	131	116
Other job losers	2,828	3,035	1,800	1,918	858	934	169	183	2,102	2,196	647	758
Job leavers	918	948	405	415	395	419	118	114	757	760	133	153
Reentrants	2,518	2,322	782	637	1,252	1,165	483	520	1,869	1,630	557	604
New entrants	1,500	1,543	140	134	271	264	1,089	1,146	1,008	1,054	434	414
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	43.6	45.2	64.2	67.7	39.1	40.4	10.9	11.0	44.7	46.4	40.9	42.8
On layoff	11.3	10.6	15.6	15.5	11.8	10.3	2.0	1.9	12.7	12.3	6.9	5.7
Other job losers	32.3	34.6	48.6	52.2	27.3	30.1	8.9	9.1	32.0	34.1	34.0	37.1
Job leavers	10.5	10.8	10.9	11.3	12.5	13.5	6.2	5.7	11.5	11.8	7.0	7.5
Reentrants	28.8	26.5	21.1	17.3	39.8	37.6	25.5	26.0	28.4	25.3	29.3	29.5
New entrants	17.1	17.6	3.8	3.7	8.6	8.5	57.4	57.3	15.3	16.4	22.8	20.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	3.2	3.3	4.0	4.0	2.6	2.6	2.3	2.3	2.9	2.9	6.2	6.7
Job leavers .....	.8	.8	.7	.7	.8	.9	1.3	1.2	.8	.7	1.1	1.2
Reentrants	2.2	1.9	1.3	1.0	2.7	2.4	5.3	5.6	1.9	1.6	4.4	4.7
New entrants	1.3	1.3	.2	.2	.6	.5	12.0	12.2	1.0	1.0	3.5	3.2

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

(Percent distribution)

Reason, sex, and age	June 1986						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	8,775	100.0	47.5	26.5	26.0	11.6	14.5
Job losers	3,962	100.0	33.3	29.6	37.1	16.1	21.0
On layoff	927	100.0	46.7	32.7	20.5	11.5	9.0
Other job losers	3,035	100.0	29.2	28.6	42.1	17.4	24.7
Job leavers	948	100.0	46.9	30.9	22.2	11.4	10.8
Reentrants	2,322	100.0	57.0	24.3	18.7	8.6	10.1
New entrants	1,543	100.0	70.1	18.8	11.0	4.6	6.5
Men, 20 years and over	3,674	100.0	34.1	29.1	36.8	15.0	21.8
Job losers	2,488	100.0	29.8	29.5	40.8	16.7	24.0
On layoff	570	100.0	41.3	37.1	21.7	12.5	9.1
Other job losers	1,918	100.0	26.3	27.2	46.4	18.0	28.4
Job leavers	415	100.0	40.1	33.2	26.7	10.6	16.1
Reentrants	637	100.0	45.4	25.8	28.7	11.5	17.2
New entrants	134	100.0	42.8	24.4	32.8	11.8	21.0
Women, 20 years and over	3,101	100.0	47.8	28.5	23.6	11.1	12.6
Job losers	1,254	100.0	38.0	30.1	31.9	14.7	17.2
On layoff	320	100.0	53.5	27.1	19.4	10.6	8.8
Other job losers	934	100.0	32.7	31.1	36.2	16.1	20.1
Job leavers	419	100.0	52.1	29.0	18.9	11.4	7.6
Reentrants	1,165	100.0	55.2	27.7	17.1	8.2	8.9
New entrants	264	100.0	55.5	24.4	20.2	6.0	14.2
Both sexes, 16 to 19 years	2,000	100.0	71.6	18.3	10.1	6.0	4.0
Job losers	220	100.0	46.9	28.0	25.0	16.0	9.1
On layoff	37	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	183	100.0	41.7	30.8	27.5	18.4	9.1
Job leavers	114	100.0	52.3	29.7	18.0	14.6	3.3
Reentrants	520	100.0	75.1	14.9	10.0	5.9	4.1
New entrants	1,146	100.0	76.7	16.9	6.4	3.4	3.0

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

A-16. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986
	Total, 16 years and over	8,753	8,775	100.0	100.0	7,316	7,297	100.0	100.0
Less than 5 weeks	4,281	4,169	48.9	47.5	3,369	3,133	46.0	42.9
5 to 14 weeks	2,178	2,321	24.9	26.5	1,829	2,042	25.0	28.0
5 to 10 weeks	1,665	1,781	19.0	20.3	1,391	1,558	19.0	21.4
11 to 14 weeks	514	540	5.9	6.2	438	483	6.0	6.6
15 weeks and over	2,294	2,285	26.2	26.0	2,118	2,122	29.0	29.1
15 to 26 weeks	1,013	1,014	11.6	11.6	923	937	12.6	12.8
27 weeks and over	1,281	1,271	14.6	14.5	1,195	1,186	16.3	16.3
27 to 51 weeks	462	542	5.3	6.2	430	504	5.9	6.9
52 weeks and over	819	729	9.4	8.3	765	682	10.5	9.3
Average (mean) duration, in weeks	14.8	14.5	-	-	16.1	15.8	-	-
Median duration, in weeks	5.2	5.6	-	-	5.9	6.7	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								June 1985	June 1986	June 1985	June 1986
	June 1986										
Total, 16 years and over	8,775	4,169	2,321	1,014	1,271	14.5	5.6	48.9	47.5	26.2	26.0
16 to 19 years	2,000	1,432	367	121	80	6.5	3.5	72.8	71.6	7.2	10.1
20 to 24 years	1,743	864	498	195	187	11.6	5.1	50.2	49.6	21.4	21.9
25 to 34 years	2,353	944	732	298	379	16.0	7.7	43.6	40.1	31.0	28.8
35 to 44 years	1,341	489	403	190	259	18.1	8.6	38.3	36.5	34.5	33.5
45 to 54 years	803	262	180	132	228	24.2	11.0	33.4	32.7	41.8	44.9
55 to 64 years	443	135	117	68	123	24.8	11.2	32.6	30.4	46.7	43.2
65 years and over	93	43	25	10	14	15.3	5.7	39.2	46.3	28.1	26.6
Men, 16 years and over	4,718	1,984	1,261	622	851	17.1	7.0	44.5	42.1	30.6	31.2
16 to 19 years	1,044	731	192	72	49	7.3	3.6	71.9	70.0	7.3	11.6
20 to 24 years	906	407	255	123	121	13.3	5.9	44.0	44.9	25.7	26.9
25 to 34 years	1,271	425	417	177	251	18.8	9.2	38.1	33.5	37.9	33.7
35 to 44 years	732	234	221	108	168	20.4	10.1	35.3	32.0	39.6	37.8
45 to 54 years	427	92	90	88	157	31.1	19.3	27.9	21.5	48.2	57.4
55 to 64 years	271	64	68	45	93	29.6	15.7	29.0	23.8	48.6	50.9
65 years and over	67	31	17	9	11	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	4,057	2,185	1,060	392	420	11.4	4.6	54.1	53.9	21.0	20.0
16 to 19 years	955	701	174	49	31	5.7	3.4	73.9	73.4	7.2	8.4
20 to 24 years	837	457	242	72	65	9.9	4.6	57.4	54.6	16.3	16.4
25 to 34 years	1,082	518	314	121	128	12.7	5.6	49.8	47.9	23.2	23.0
35 to 44 years	609	255	181	82	91	15.3	7.1	41.7	41.9	28.7	28.3
45 to 54 years	376	170	90	44	71	16.3	6.3	40.3	45.3	33.8	30.6
55 to 64 years	172	70	48	23	30	17.1	6.8	38.0	40.8	44.0	31.1
65 years and over	26	12	9	1	4	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,430	3,076	1,718	758	878	14.1	5.5	49.4	47.8	26.0	25.4
Men	3,507	1,508	935	462	602	16.7	6.7	45.2	43.0	30.4	30.3
Women	2,923	1,567	783	296	276	11.0	4.7	54.5	53.6	20.6	19.6
Black, 16 years and over	2,046	934	535	215	361	16.0	5.1	46.2	45.7	27.8	28.2
Men	1,035	394	279	136	226	19.2	7.2	41.6	38.0	32.3	35.0
Women	1,011	540	256	79	135	12.8	3.7	50.9	53.5	23.2	21.2
Men, 16 years and over:											
Married, spouse present	1,741	546	512	283	400	21.0	10.1	34.8	31.3	39.5	39.2
Widowed, divorced, or separated	546	168	142	92	144	25.0	11.6	33.7	30.7	39.3	43.2
Single (never married)	2,431	1,270	606	247	307	12.6	4.8	54.1	52.3	22.2	22.8
Women, 16 years and over:											
Married, spouse present	1,434	692	412	167	163	12.4	5.4	49.4	48.3	24.3	23.0
Widowed, divorced, or separated	870	378	263	98	132	15.2	6.9	44.1	43.4	29.4	26.4
Single (never married)	1,753	1,115	385	127	126	8.7	3.9	62.7	63.6	14.3	14.4

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
	June 1986							June 1985	June 1986	June 1985	June 1986
OCCUPATION											
Managerial and professional specialty	653	262	208	98	84	14.6	7.0	46.1	40.2	26.6	28.0
Technical, sales, and administrative support	1,823	880	488	228	227	13.3	5.4	44.6	48.3	25.9	25.0
Service occupations	1,339	651	375	145	168	13.1	5.4	51.0	48.6	24.9	23.4
Precision production, craft, and repair	987	329	288	161	210	19.9	9.9	41.6	33.3	34.6	37.6
Operators, fabricators, and laborers	2,092	814	563	286	428	18.5	7.9	40.1	38.9	34.5	34.2
Farming, forestry, and fishing	278	132	89	17	40	12.8	5.7	64.1	47.4	17.4	20.6
INDUSTRY¹											
Agriculture	196	90	65	9	32	12.3	6.1	62.1	45.7	19.7	21.0
Construction	692	276	185	104	128	16.3	7.6	44.9	39.8	30.9	33.4
Manufacturing	1,561	545	466	228	321	19.3	9.0	37.4	34.9	36.8	35.2
Durable goods	927	289	288	155	194	20.3	9.8	33.3	31.2	42.2	37.7
Nondurable goods	635	256	179	73	127	17.8	7.2	44.3	40.3	27.7	31.5
Transportation and public utilities	353	114	86	74	79	21.6	10.9	37.8	32.4	40.3	43.4
Wholesale and retail trade	1,813	877	484	204	249	13.6	5.5	48.1	48.4	22.5	25.0
Finance and service industries	2,019	967	568	249	237	12.8	5.4	48.2	47.9	26.9	24.0
Public administration	221	96	58	26	41	18.0	6.3	47.6	43.5	26.6	30.1
No previous work experience	1,545	1,084	291	70	100	8.2	3.6	67.0	70.2	12.5	11.0

¹ Includes wage and salary workers only.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, and race	June 1986								
	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	8,775	7,641	25.2	6.0	74.3	34.0	17.5	4.7	1.62
16 to 19 years	2,000	1,875	15.4	3.5	80.4	23.8	16.3	3.4	1.43
20 to 24 years	1,743	1,576	26.1	5.8	73.9	36.7	14.3	3.5	1.60
25 to 34 years	2,353	2,014	30.5	7.2	73.7	37.2	19.8	3.2	1.72
35 to 44 years	1,341	1,094	30.4	7.7	71.8	39.4	17.3	8.9	1.76
45 to 54 years	803	650	28.2	8.3	70.3	36.5	19.4	6.6	1.69
55 to 64 years	443	361	21.9	5.3	64.0	37.7	22.7	9.4	1.81
65 years and over	93	71	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Men, 16 years and over	4,718	4,009	27.0	6.0	75.5	33.6	20.4	5.2	1.68
16 to 19 years	1,044	972	14.8	2.8	82.5	21.9	20.0	2.3	1.44
20 to 24 years	906	801	26.3	4.6	76.3	37.5	15.9	3.5	1.64
25 to 34 years	1,271	1,044	35.2	8.7	74.9	38.6	22.5	3.4	1.83
35 to 44 years	732	575	32.5	7.5	72.7	39.1	20.0	12.2	1.84
45 to 54 years	427	333	33.3	10.2	70.0	36.6	23.4	7.5	1.81
55 to 64 years	271	230	24.3	2.6	63.9	32.2	25.2	11.3	1.80
65 years and over	67	53	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	4,057	3,632	23.1	6.1	72.9	34.4	14.3	4.2	1.55
16 to 19 years	955	903	16.2	4.2	78.2	26.0	12.4	4.5	1.42
20 to 24 years	837	775	25.8	7.0	71.5	35.9	12.5	3.5	1.56
25 to 34 years	1,082	970	25.5	5.6	72.3	35.9	16.9	3.1	1.59
35 to 44 years	609	518	28.2	7.9	71.0	39.8	14.3	5.2	1.66
45 to 54 years	376	316	22.8	6.3	70.6	36.4	15.2	5.7	1.57
55 to 64 years	172	131	17.8	9.9	83.4	48.1	17.6	6.1	1.63
65 years and over	26	18	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,430	5,462	23.0	6.3	74.8	35.9	17.3	5.2	1.62
Men	3,507	2,908	25.4	6.3	76.5	34.8	20.1	5.8	1.69
Women	2,923	2,554	20.3	6.4	72.7	37.1	14.1	4.4	1.55
Black, 16 years and over	2,046	1,914	31.5	5.4	74.6	27.1	17.6	3.2	1.59
Men	1,035	945	32.9	5.1	74.9	27.6	20.1	2.9	1.63
Women	1,011	969	30.0	5.7	74.3	26.6	15.1	3.6	1.55

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

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

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

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

Sex and reason	June 1986								
	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	8,775	7,641	25.2	6.0	74.3	34.0	17.5	4.7	1.62
Job losers ¹	3,962	3,032	31.0	6.1	75.4	37.2	21.0	5.0	1.76
Job leavers	948	942	25.9	8.1	70.8	41.5	16.6	3.7	1.67
Reentrants	2,322	2,166	22.2	7.2	72.3	33.3	13.3	6.0	1.54
New entrants	1,543	1,501	17.2	3.1	77.0	23.6	17.1	3.0	1.41
Men, 16 years and over	4,718	4,009	27.0	6.0	75.5	33.6	20.4	5.2	1.68
Job losers ¹	2,640	2,031	31.9	6.1	76.5	37.0	22.6	5.4	1.79
Job leavers	470	467	28.9	7.3	72.2	41.3	19.3	3.6	1.73
Reentrants	914	828	23.3	7.5	72.3	29.7	16.1	7.5	1.56
New entrants	693	682	15.8	3.5	79.0	22.7	19.9	2.9	1.44
Women, 16 years and over	4,057	3,632	23.1	6.1	72.9	34.4	14.3	4.2	1.55
Job losers ¹	1,321	1,001	29.1	6.2	73.2	37.5	17.8	4.2	1.68
Job leavers	478	475	22.7	8.8	69.7	41.7	13.9	3.8	1.61
Reentrants	1,408	1,337	21.7	7.0	72.3	35.6	11.7	5.2	1.53
New entrants	850	819	18.2	2.8	75.3	24.4	14.7	3.1	1.38

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

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

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

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

(In thousands)

Industry and age	Total		Men		Women	
	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986
All industries	107,819	110,869	60,816	61,960	47,003	48,909
16 to 19 years	7,144	7,356	3,868	3,855	3,276	3,501
16 to 17 years	2,811	3,026	1,532	1,644	1,279	1,382
18 to 19 years	4,333	4,330	2,336	2,211	1,997	2,119
20 to 24 years	14,389	14,260	7,673	7,582	6,717	6,678
25 to 54 years	72,061	74,769	40,807	42,054	31,254	32,716
25 to 34 years	31,112	32,259	17,630	18,206	13,482	14,052
35 to 44 years	24,489	25,612	13,726	14,234	10,763	11,378
45 to 54 years	16,460	16,899	9,451	9,613	7,009	7,286
55 to 64 years	11,446	11,507	6,804	6,685	4,644	4,821
55 to 59 years	6,858	6,902	4,081	3,983	2,777	2,919
60 to 64 years	4,589	4,604	2,723	2,702	1,867	1,902
65 years and over	2,778	2,978	1,665	1,784	1,113	1,193
Agriculture	3,634	3,651	2,865	2,904	769	747
16 to 19 years	480	439	400	370	80	69
16 to 17 years	245	238	212	197	32	42
18 to 19 years	236	201	188	174	48	27
20 to 24 years	460	463	387	376	73	87
25 to 54 years	1,951	1,928	1,479	1,476	471	452
25 to 34 years	791	810	606	649	186	161
35 to 44 years	654	579	487	405	167	174
45 to 54 years	505	539	386	422	119	117
55 to 64 years	465	464	371	363	94	101
55 to 59 years	249	242	182	181	67	61
60 to 64 years	216	222	189	183	27	40
65 years and over	278	357	228	317	50	40
Nonagricultural industries	104,185	107,218	57,951	59,056	46,234	48,162
16 to 19 years	6,663	6,917	3,468	3,485	3,195	3,432
16 to 17 years	2,566	2,788	1,320	1,447	1,246	1,340
18 to 19 years	4,097	4,129	2,148	2,037	1,949	2,092
20 to 24 years	13,929	13,797	7,286	7,206	6,644	6,591
25 to 54 years	70,110	72,841	39,328	40,577	30,782	32,264
25 to 34 years	30,321	31,449	17,024	17,557	13,296	13,892
35 to 44 years	23,835	25,033	13,239	13,829	10,596	11,204
45 to 54 years	15,955	16,360	9,065	9,191	6,890	7,169
55 to 64 years	10,982	11,042	6,433	6,322	4,549	4,720
55 to 59 years	6,609	6,660	3,899	3,802	2,710	2,858
60 to 64 years	4,374	4,382	2,534	2,520	1,840	1,863
65 years and over	2,500	2,621	1,437	1,467	1,063	1,154

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986
Total	107,819	110,869	60,816	61,960	56,948	58,105	47,003	48,909	43,727	45,408
Managerial and professional specialty	25,346	26,185	14,545	14,781	14,440	14,693	10,801	11,404	10,695	11,272
Executive, administrative, and managerial	12,136	12,641	7,782	7,981	7,734	7,936	4,354	4,659	4,314	4,615
Officials and administrators, public administration	511	488	330	284	330	284	182	204	179	202
Other executive, administrative, and managerial	8,397	8,636	5,739	5,800	5,695	5,760	2,658	2,836	2,629	2,802
Management-related occupations	3,227	3,517	1,713	1,897	1,709	1,891	1,514	1,620	1,506	1,611
Professional specialty	13,210	13,544	6,763	6,800	6,707	6,757	6,447	6,744	6,381	6,657
Engineers	1,761	1,705	1,668	1,613	1,658	1,613	93	91	92	92
Mathematical and computer scientists	617	595	397	375	396	372	220	220	220	219
Natural scientists	374	372	283	278	283	278	91	94	91	94
Health diagnosing occupations	701	714	592	616	592	616	109	99	109	97
Health assessment and treating occupations	1,982	2,066	286	278	284	278	1,696	1,788	1,692	1,783
Teachers, college and university	528	513	351	336	348	335	176	177	174	176
Teachers, except college and university	3,233	3,378	879	919	868	908	2,354	2,459	2,337	2,435
Lawyers and judges	657	658	526	536	526	534	131	122	131	122
Other professional specialty occupations	3,361	3,543	1,783	1,849	1,751	1,823	1,578	1,694	1,535	1,640
Technical, sales, and administrative support	33,163	34,512	11,743	12,066	11,111	11,486	21,419	22,445	19,814	20,608
Technicians and related support	3,210	3,366	1,897	1,801	1,637	1,757	1,513	1,585	1,490	1,528
Health technologists and technicians	1,081	1,082	162	189	162	163	919	912	910	902
Engineering and science technicians	1,153	1,172	919	931	876	908	234	241	229	229
Technicians, except health, engineering, and science	976	1,112	616	700	599	686	360	412	351	397
Sales occupations	12,801	13,463	6,809	6,845	6,220	6,491	6,192	6,618	5,287	5,557
Supervisors and proprietors	3,369	3,512	2,279	2,423	2,244	2,405	1,090	1,089	1,076	1,079
Sales representatives, finance and business services	2,103	2,260	1,207	1,304	1,203	1,295	897	955	867	925
Sales representatives, commodities, except retail	1,493	1,542	1,232	1,247	1,218	1,232	261	295	254	269
Sales workers, retail and personal services	5,778	6,094	1,875	1,853	1,539	1,543	3,903	4,241	3,055	3,230
Sales-related occupations	57	55	16	17	15	17	41	38	36	34
Administrative support, including clerical	17,152	17,683	3,438	3,421	3,254	3,238	13,714	14,262	13,036	13,523
Supervisors	661	723	338	300	338	297	324	423	322	423
Computer equipment operators	714	910	274	250	268	231	440	660	414	627
Secretaries, stenographers, and typists	4,913	4,970	108	95	92	88	4,806	4,875	4,583	4,635
Financial records processing	2,537	2,447	250	233	249	224	2,287	2,214	2,239	2,164
Mail and message distributing	820	900	526	600	492	575	294	300	276	279
Other administrative support, including clerical	7,507	7,733	1,943	1,944	1,815	1,824	5,564	5,789	5,202	5,395
Service occupations	14,423	14,557	5,660	5,725	4,721	4,718	8,763	8,832	7,517	7,604
Private household	1,018	1,060	32	54	20	37	986	1,006	779	770
Protective service	1,731	1,845	1,487	1,619	1,430	1,538	243	226	189	187
Service, except private household and protective	11,674	11,651	4,141	4,052	3,271	3,142	7,533	7,600	6,549	6,646
Food service	5,107	5,162	1,929	1,879	1,308	1,215	3,178	3,283	2,508	2,604
Health service	1,768	1,732	179	189	166	180	1,589	1,542	1,492	1,461
Cleaning and building service	2,867	2,793	1,663	1,602	1,478	1,431	1,204	1,191	1,113	1,112
Personal service	1,932	1,965	370	381	319	317	1,563	1,583	1,436	1,469
Precision production, craft, and repair	13,630	13,773	12,536	12,613	12,111	12,211	1,095	1,159	1,058	1,129
Mechanics and repairers	4,522	4,399	4,376	4,255	4,242	4,149	146	144	143	144
Construction trades	4,866	5,239	4,772	5,124	4,539	4,893	93	115	90	106
Other precision production, craft, and repair	4,243	4,135	3,388	3,235	3,330	3,169	855	900	825	879
Operators, fabricators, and laborers	17,113	17,650	12,885	13,267	11,714	12,030	4,228	4,383	4,022	4,184
Machine operators, assemblers, and inspectors	7,887	8,074	4,760	4,837	4,580	4,634	3,128	3,237	3,011	3,143
Manufacturing industries	6,637	6,731	3,927	3,995	3,778	3,847	2,710	2,735	2,632	2,664
Durable goods	3,575	3,727	2,531	2,603	2,424	2,508	1,044	1,124	1,016	1,101
Nondurable goods	3,062	3,003	1,396	1,392	1,354	1,339	1,665	1,611	1,616	1,563
Nonmanufacturing industries	1,250	1,343	833	842	783	786	417	501	379	479
Transportation and material moving occupations	4,626	4,710	4,283	4,324	4,145	4,146	343	386	329	375
Motor vehicle operators	3,419	3,425	3,114	3,084	2,997	2,953	305	341	291	330
Other transportation and material moving occupations	1,207	1,285	1,169	1,240	1,148	1,193	38	45	38	45
Handlers, equipment cleaners, helpers, and laborers	4,600	4,866	3,841	4,105	3,008	3,251	759	761	682	666
Construction laborers	729	803	697	780	598	651	33	23	31	23
Other handlers, equipment cleaners, helpers, and laborers	3,870	4,064	3,144	3,325	2,410	2,600	726	739	652	643
Farming, forestry, and fishing	4,144	4,193	3,447	3,507	2,851	2,967	697	686	621	612
Farm operators and managers	1,427	1,450	1,212	1,240	1,198	1,225	215	210	212	209
Other farming, forestry, and fishing occupations	2,717	2,743	2,235	2,267	1,652	1,742	482	476	410	403

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	June 1985	June 1986	June 1985	June 1986	June 1985	June 1986
TOTAL						
Total, 16 years and over (thousands)	107,819	110,869	60,816	61,960	47,003	48,909
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	23.5	23.6	23.9	23.9	23.0	23.3
Executive, administrative, and managerial	11.3	11.4	12.8	12.9	9.3	9.5
Professional specialty	12.3	12.2	11.1	11.0	13.7	13.8
Technical, sales, and administrative support	30.8	31.1	19.3	19.5	45.6	45.9
Technicians and related support	3.0	3.0	2.8	2.9	3.2	3.2
Sales occupations	11.9	12.1	10.9	11.0	13.2	13.5
Administrative support, including clerical	15.9	15.9	5.7	5.5	29.2	29.2
Service occupations	13.4	13.1	9.3	9.2	18.6	18.1
Private household .....	.9	1.0	.1	.1	2.1	2.1
Protective service	1.6	1.7	2.4	2.6	.5	.5
Service, except private household and protective	10.8	10.5	6.8	6.5	16.0	15.5
Precision production, craft, and repair	12.6	12.4	20.6	20.4	2.3	2.4
Operators, fabricators, and laborers	15.9	15.9	21.2	21.4	9.0	9.0
Machine operators, assemblers, and inspectors	7.3	7.3	7.8	7.8	6.7	6.6
Transportation and material moving occupations	4.3	4.2	7.0	7.0	.7	.8
Handlers, equipment cleaners, helpers, and laborers	4.3	4.4	6.3	6.6	1.6	1.6
Farming, forestry, and fishing	3.8	3.8	5.7	5.7	1.5	1.4
White						
Total, 16 years and over (thousands)	94,261	96,823	53,852	54,739	40,409	42,084
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	24.6	24.6	25.1	24.8	23.9	24.3
Executive, administrative, and managerial	11.9	12.0	13.5	13.5	9.7	10.1
Professional specialty	12.6	12.6	11.5	11.3	14.2	14.3
Technical, sales, and administrative support	31.2	31.6	19.6	19.9	46.7	46.8
Technicians and related support	2.9	3.1	2.8	3.0	3.1	3.2
Sales occupations	12.5	12.8	11.5	11.7	13.8	14.1
Administrative support, including clerical	15.8	15.8	5.3	5.2	29.6	29.5
Service occupations	12.0	12.1	8.2	8.4	17.0	17.0
Private household .....	.8	.8	.1	.1	1.7	1.8
Protective service	1.5	1.6	2.3	2.5	.5	.4
Service, except private household and protective	9.7	9.7	5.9	5.8	14.9	14.8
Precision production, craft, and repair	13.1	12.8	21.2	20.9	2.3	2.2
Operators, fabricators, and laborers	15.2	14.9	20.2	20.2	8.5	8.1
Machine operators, assemblers, and inspectors	7.0	6.8	7.6	7.5	6.2	5.9
Transportation and material moving occupations	4.2	4.1	6.8	6.6	.7	.8
Handlers, equipment cleaners, helpers, and laborers	4.0	4.1	5.8	6.1	1.5	1.5
Farming, forestry, and fishing	4.0	4.0	5.8	5.9	1.6	1.5
Black						
Total, 16 years and over (thousands)	10,641	10,936	5,370	5,547	5,271	5,389
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	13.5	14.3	11.1	13.4	16.0	15.3
Executive, administrative, and managerial	5.8	6.0	5.9	6.9	5.7	5.1
Professional specialty	7.7	8.3	5.2	6.5	10.3	10.2
Technical, sales, and administrative support	26.8	27.4	15.9	15.4	37.6	39.7
Technicians and related support	3.0	2.4	2.2	1.8	3.8	3.0
Sales occupations	6.9	7.3	5.1	5.5	8.7	9.2
Administrative support, including clerical	16.9	17.7	8.6	8.2	25.4	27.5
Service occupations	24.6	21.6	18.6	16.1	30.6	27.2
Private household	2.7	2.3	.1	.1	5.3	4.5
Protective service	2.3	2.3	3.9	3.9	.8	.7
Service, except private household and protective	19.6	16.9	14.7	12.1	24.5	21.9
Precision production, craft, and repair	9.4	9.8	16.3	16.4	2.4	3.0
Operators, fabricators, and laborers	22.8	24.7	32.9	34.6	12.4	14.4
Machine operators, assemblers, and inspectors	9.8	11.3	10.5	11.3	9.0	11.3
Transportation and material moving occupations	5.9	6.3	10.8	11.5	.8	1.0
Handlers, equipment cleaners, helpers, and laborers	7.1	7.1	11.6	11.8	2.6	2.2
Farming, forestry, and fishing	3.0	2.3	5.1	4.1	.8	.4

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	June 1986								
	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self-employed workers	Unpaid family workers	Wage and salary workers	Self-employed workers	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	99,173	1,374	15,945	81,853	7,799	247	1,811	1,629	211
16 to 19 years	6,819	355	432	6,032	82	16	332	53	54
16 to 17 years	2,746	261	138	2,347	32	9	165	35	38
18 to 19 years	4,073	94	294	3,685	50	7	167	18	16
20 to 24 years	13,477	186	1,128	12,162	294	27	358	89	16
25 to 34 years	29,464	195	4,203	25,065	1,943	42	490	300	20
35 to 44 years	22,728	172	4,615	17,941	2,242	63	241	295	42
45 to 54 years	14,742	182	3,254	11,306	1,562	55	202	308	28
55 to 64 years	9,819	159	1,998	7,661	1,192	32	121	309	33
55 to 59 years	5,988	89	1,247	4,652	650	22	65	153	24
60 to 64 years	3,830	70	751	3,009	542	10	57	156	9
65 years and over	2,124	124	314	1,686	484	12	65	275	17
Men, 16 years and over	53,793	265	7,697	45,831	5,225	38	1,461	1,377	66
16 to 19 years	3,419	115	203	3,102	58	7	289	52	30
16 to 17 years	1,411	87	72	1,251	30	7	144	34	19
18 to 19 years	2,008	27	131	1,850	29	-	145	18	11
20 to 24 years	7,002	46	519	6,437	189	15	289	75	12
25 to 34 years	16,288	39	1,984	14,264	1,265	4	382	264	3
35 to 44 years	12,357	14	2,200	10,143	1,471	1	170	233	1
45 to 54 years	8,110	11	1,619	6,480	1,078	3	167	251	4
55 to 64 years	5,489	23	1,019	4,446	829	4	103	257	3
55 to 59 years	3,364	10	672	2,682	434	4	58	120	3
60 to 64 years	2,125	13	347	1,765	395	-	46	137	-
65 years and over	1,129	16	153	960	335	3	60	245	12
Women, 16 years and over	45,380	1,109	8,248	36,022	2,573	209	350	252	145
16 to 19 years	3,400	240	229	2,931	24	8	44	1	24
16 to 17 years	1,336	174	66	1,096	3	2	21	1	19
18 to 19 years	2,064	66	163	1,835	21	6	22	-	5
20 to 24 years	6,475	140	609	5,725	105	12	69	13	5
25 to 34 years	13,176	157	2,219	10,801	678	38	109	36	16
35 to 44 years	10,371	158	2,415	7,798	771	62	71	62	41
45 to 54 years	6,632	171	1,635	4,826	484	52	35	57	25
55 to 64 years	4,330	136	979	3,215	362	28	18	53	30
55 to 59 years	2,624	79	575	1,970	215	18	7	33	21
60 to 64 years	1,706	57	404	1,244	147	10	11	19	9
65 years and over	996	107	161	727	149	9	5	30	5

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	June 1986												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture	3,651	45	69	24	18	95	-	13	47	17	57	14	3,253
Mining	937	142	104	27	9	134	-	9	295	27	156	34	-
Construction	7,742	857	136	75	61	444	-	22	4,541	106	527	937	35
Manufacturing	21,248	2,317	1,683	785	746	2,532	-	385	3,981	6,731	839	1,143	105
Durable goods	12,634	1,414	1,127	600	303	1,425	-	204	2,789	3,727	428	536	80
Nondurable goods	8,614	903	556	186	443	1,107	-	181	1,192	3,003	411	606	25
Transportation and public utilities	7,620	918	431	192	342	2,027	-	216	1,227	107	1,677	471	13
Wholesale and retail trade	23,318	1,878	378	88	9,684	2,407	-	4,278	1,538	303	919	1,815	30
Wholesale trade	4,549	476	66	42	1,749	879	-	29	361	123	465	351	8
Retail trade	18,770	1,403	313	46	7,935	1,528	-	4,250	1,177	179	454	1,464	22
Finance, insurance, and real estate	7,280	1,631	193	148	1,834	2,978	-	283	114	13	13	21	51
Services	33,910	3,828	9,829	1,797	740	5,616	1,060	7,079	1,787	730	466	353	625
Private households	1,381	5	7	9	-	15	1,060	71	11	3	3	13	183
Other service industries	32,529	3,823	9,822	1,788	740	5,601	-	7,008	1,777	727	463	340	441
Professional services	21,402	2,164	8,696	1,475	119	4,060	-	3,853	418	176	229	76	136
Public administration	5,163	1,026	721	229	28	1,449	-	1,212	242	40	56	79	81

¹ Includes protective service, not shown separately.

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

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	June 1985	June 1986	Total		Wage and salary workers ¹			
			June 1985	June 1986	Paid absences		Unpaid absences	
					June 1985	June 1986	June 1985	June 1986
Total, 16 years and over	7,082	7,348	6,976	7,242	3,890	3,796	2,510	2,867
Vacation	4,718	4,766	4,682	4,728	3,142	3,049	1,240	1,380
Illness	1,252	1,222	1,229	1,209	482	489	646	634
Bad weather	54	98	32	71	(²)	(²)	(²)	(²)
Industrial dispute	53	156	53	156	(²)	(²)	(²)	(²)
All other reasons	1,005	1,106	981	1,078	266	257	624	853
Men, 16 years and over	3,266	3,306	3,188	3,216	1,961	1,839	942	1,048
Vacation	2,069	2,010	2,046	1,979	1,565	1,457	344	369
Illness	658	684	638	873	271	273	320	344
All other reasons ³	540	612	504	563	126	108	278	335
Women, 16 years and over	3,816	4,041	3,788	4,026	1,927	1,956	1,568	1,821
Vacation	2,649	2,756	2,636	2,749	1,577	1,592	896	1,011
Illness	594	537	591	535	211	216	327	291
All other reasons ³	572	748	562	741	139	148	345	519

¹ Excludes private household workers.

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

³ Includes bad weather and industrial dispute, not shown separately.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Hours of work	June 1986					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	103,521	3,545	99,977	100.0	100.0	100.0
1 to 34 hours	23,687	945	22,741	22.9	26.7	22.7
1 to 4 hours	713	62	651	.7	1.7	.7
5 to 14 hours	3,969	250	3,718	3.8	7.1	3.7
15 to 29 hours	11,929	398	11,531	11.5	11.2	11.5
30 to 34 hours	7,076	235	6,841	6.8	6.6	6.8
35 hours and over	79,835	2,599	77,236	77.1	73.3	77.3
35 to 39 hours	7,098	152	6,946	6.9	4.3	6.9
40 hours	43,372	671	42,701	41.9	18.9	42.7
41 hours and over	29,365	1,776	27,589	28.4	50.1	27.6
41 to 48 hours	10,670	229	10,441	10.3	6.5	10.4
49 to 59 hours	10,385	410	9,975	10.0	11.6	10.0
60 hours and over	8,310	1,137	7,173	8.0	32.1	7.2
Average hours, total at work	39.5	46.8	39.2	-	-	-
Average hours, workers on full-time schedules	43.6	55.0	43.2	-	-	-

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

(Numbers in thousands)

Reason for working less than 35 hours	June 1986					
	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	23,687	6,864	16,823	22,741	6,632	16,109
Economic reasons	6,118	1,766	4,352	5,841	1,692	4,149
Slack work	2,346	1,329	1,017	2,220	1,270	950
Material shortages or repairs to plant and equipment	39	39	-	38	38	-
New job started during week	285	285	-	271	271	-
Job terminated during week	113	113	-	111	111	-
Could find only part-time work	3,335	-	3,335	3,198	-	3,198
Other reasons	17,570	5,100	12,470	16,901	4,941	11,960
Does not want, or unavailable for, full-time work	10,190	-	10,190	9,799	-	9,799
Vacation	1,811	1,811	-	1,801	1,801	-
Illness	1,324	1,196	128	1,282	1,172	110
Bad weather	353	353	-	267	267	-
Industrial dispute	4	4	-	4	4	-
Legal or religious holiday	91	91	-	88	88	-
Full time for this job	1,539	-	1,539	1,500	-	1,500
All other reasons	2,257	1,643	614	2,159	1,608	551
Average hours:						
Economic reasons	21.5	24.1	20.5	21.7	24.0	20.7
Other reasons	21.6	25.9	19.9	21.8	26.0	20.0
Worked 30 to 34 hours:						
Economic reasons	1,813	780	1,033	1,747	744	1,003
Other reasons	5,263	2,612	2,651	5,094	2,553	2,541

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

(Numbers in thousands)

Industry	June 1986								
	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	99,977	5,841	11,960	82,176	54,587	10,441	17,148	39.2	43.2
Wage and salary workers	92,471	5,238	10,697	76,536	52,068	9,890	14,578	39.0	42.8
Mining	841	19	27	795	445	123	227	44.8	46.3
Construction	5,993	438	227	5,328	3,597	631	1,100	40.3	42.7
Manufacturing	19,833	638	537	18,658	12,611	2,865	3,182	41.5	42.7
Durable goods	11,752	249	215	11,288	7,634	1,698	1,956	41.9	42.7
Nondurable goods	8,081	389	322	7,370	4,979	1,166	1,225	41.0	42.8
Transportation and public utilities	6,662	196	326	6,140	4,053	789	1,298	42.0	43.8
Wholesale and retail trade	20,389	1,873	4,120	14,396	8,761	2,240	3,395	37.3	44.0
Finance, insurance, and real estate	6,409	144	523	5,742	4,028	669	1,045	40.2	42.4
Service industries	27,444	1,827	4,695	20,922	15,042	2,158	3,722	36.8	42.1
Private households	1,339	350	528	461	308	48	105	24.9	44.0
All other industries	26,105	1,477	4,167	20,461	14,734	2,110	3,617	37.4	42.1
Public administration	4,899	103	242	4,554	3,529	416	609	40.4	41.9
Self-employed workers	7,259	595	1,147	5,517	2,453	536	2,528	41.4	48.7
Unpaid family workers	247	8	116	123	68	14	41	33.3	45.5

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Sex, age, race, and marital status	June 1986							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Total, 16 years and over	99,977	5,841	11,960	82,176	54,587	27,589	39.2	43.2
16 to 19 years	6,605	1,217	2,577	2,811	2,172	639	28.3	40.5
16 to 17 years	2,647	536	1,536	575	471	104	22.4	39.6
18 to 19 years	3,958	681	1,041	2,236	1,702	534	32.3	40.8
20 years and over	93,372	4,624	9,383	79,365	52,416	26,949	40.0	43.3
20 to 24 years	13,191	1,159	1,495	10,537	7,430	3,107	38.2	42.3
25 years and over	80,181	3,464	7,888	68,829	44,985	23,844	40.3	43.5
25 to 44 years	52,585	2,317	4,210	46,058	29,583	16,475	40.8	43.6
45 to 64 years	25,205	1,042	2,506	21,657	14,643	7,014	40.1	43.2
65 years and over	2,391	107	1,171	1,113	758	355	29.4	43.7
Men, 16 years and over	55,840	2,641	3,381	49,818	29,671	20,147	42.1	44.7
16 to 19 years	3,364	621	1,213	1,530	1,115	415	29.2	41.4
16 to 17 years	1,386	288	763	335	265	70	23.4	40.8
18 to 19 years	1,978	333	450	1,195	849	346	33.3	41.5
20 years and over	52,477	2,021	2,168	48,288	28,556	19,732	42.9	44.8
20 to 24 years	6,944	557	547	5,840	3,817	2,023	39.8	43.3
25 years and over	45,532	1,463	1,622	42,447	24,738	17,709	43.4	45.0
25 to 44 years	29,730	996	562	28,172	15,986	12,186	44.0	45.2
45 to 64 years	14,459	415	469	13,575	8,311	5,264	43.2	44.7
65 years and over	1,343	52	589	702	442	260	31.4	44.5
Women, 16 years and over	44,136	3,200	8,579	32,357	24,915	7,442	35.5	41.0
16 to 19 years	3,241	596	1,364	1,281	1,058	223	27.3	39.5
16 to 17 years	1,261	248	773	240	205	35	21.3	37.9
18 to 19 years	1,980	348	591	1,041	852	189	31.2	39.9
20 years and over	40,895	2,603	7,215	31,077	23,859	7,218	36.2	41.1
20 to 24 years	6,246	601	948	4,697	3,613	1,084	36.3	41.1
25 years and over	34,649	2,001	6,267	26,381	20,247	6,134	36.1	41.1
25 to 44 years	22,855	1,322	3,648	17,885	13,596	4,289	36.8	41.1
45 to 64 years	10,745	624	2,037	8,084	6,334	1,750	35.8	40.8
65 years and over	1,048	55	582	411	315	96	26.8	42.4
RACE								
White, 16 years and over	87,004	4,815	10,848	71,341	46,107	25,234	39.3	43.5
Men	49,151	2,208	2,983	43,960	25,366	18,594	42.4	45.0
Women	37,853	2,606	7,865	27,382	20,743	6,839	35.4	41.1
Black, 16 years and over	10,070	883	822	8,365	6,678	1,687	37.9	41.3
Men	5,117	372	282	4,463	3,356	1,107	39.4	42.1
Women	4,953	511	541	3,901	3,321	580	36.4	40.4
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	35,800	925	1,150	33,725	19,214	14,511	43.8	45.2
Widowed, divorced, or separated	5,228	260	237	4,731	2,818	1,913	42.7	44.9
Single (never married)	14,812	1,457	1,994	11,361	7,639	3,722	37.8	43.1
Women, 16 years and over:								
Married, spouse present	23,696	1,358	5,233	17,105	13,450	3,655	35.1	40.7
Widowed, divorced, or separated	8,601	584	1,058	6,959	5,094	1,865	37.8	41.6
Single (never married)	11,840	1,257	2,288	8,295	6,373	1,922	34.8	41.1

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Occupation and sex	June 1986								
	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	99,480	5,725	11,868	81,887	54,337	10,418	17,132	39.2	43.2
Managerial and professional specialty	23,771	470	1,905	21,396	12,653	2,630	6,112	42.0	44.5
Executive, administrative, and managerial	12,042	150	562	11,330	6,178	1,462	3,689	44.1	45.5
Professional specialty	11,729	320	1,343	10,066	6,475	1,168	2,423	39.9	43.3
Technical, sales, and administrative support	32,506	1,542	5,004	25,960	18,251	3,071	4,638	38.2	42.6
Technicians and related support	3,201	86	270	2,845	2,108	320	416	39.8	41.9
Sales occupations	12,741	863	2,317	9,561	5,119	1,309	3,132	39.5	45.7
Administrative support, including clerical	16,565	593	2,417	13,555	11,024	1,441	1,089	36.9	40.6
Service occupations	13,625	1,790	3,396	8,439	6,268	838	1,333	33.8	42.1
Private household	1,030	238	430	362	251	39	73	25.5	42.8
Protective service	1,745	59	170	1,516	966	193	357	41.4	44.7
Service, except private household and protective	10,849	1,492	2,796	6,561	5,051	607	903	33.3	41.5
Precision production, craft, and repair	13,049	680	426	11,942	7,685	1,729	2,529	41.6	43.5
Operators, fabricators, and laborers	16,528	1,242	1,136	14,150	9,480	2,150	2,519	40.0	43.1
Machine operators, assemblers, and inspectors	7,580	444	292	6,845	5,011	1,017	816	39.9	41.8
Transportation and material moving occupations	4,318	228	240	3,850	1,989	637	1,225	43.6	46.5
Handlers, equipment cleaners, helpers, and laborers	4,631	571	605	3,455	2,481	496	478	36.8	41.9
Men, 16 years and over	55,283	2,527	3,262	49,495	29,399	6,836	13,260	42.2	44.7
Managerial and professional specialty	13,893	206	548	13,139	6,875	1,601	4,663	44.8	46.2
Executive, administrative, and managerial	7,609	70	212	7,327	3,527	931	2,870	45.9	46.9
Professional specialty	6,284	136	336	5,812	3,349	669	1,794	43.4	45.3
Technical, sales, and administrative support	11,510	346	818	10,347	5,693	1,474	3,180	43.0	45.5
Technicians and related support	1,722	31	69	1,622	1,117	193	312	41.8	43.0
Sales occupations	6,552	208	482	5,862	2,532	871	2,460	44.9	47.7
Administrative support, including clerical	3,236	107	267	2,862	2,044	410	408	39.8	42.4
Service occupations	5,426	522	881	4,022	2,838	434	750	37.3	43.2
Private household	53	28	4	21	18	-	4	(¹)	(¹)
Protective service	1,538	44	120	1,374	854	178	342	42.3	44.9
Service, except private household and protective	3,835	451	757	2,627	1,966	256	405	35.4	42.3
Precision production, craft, and repair	11,980	609	293	11,078	7,043	1,631	2,404	42.0	43.7
Operators, fabricators, and laborers	12,474	844	721	10,909	6,950	1,696	2,263	41.0	43.8
Machine operators, assemblers, and inspectors	4,556	166	114	4,277	2,959	672	646	41.3	42.6
Transportation and material moving occupations	4,004	193	146	3,666	1,871	604	1,191	44.4	46.6
Handlers, equipment cleaners, helpers, and laborers	3,913	485	462	2,966	2,120	421	426	37.1	42.0
Women, 16 years and over	44,196	3,198	8,606	32,392	24,937	3,582	3,872	35.5	41.0
Managerial and professional specialty	9,878	264	1,357	8,257	5,778	1,030	1,449	38.1	41.7
Executive, administrative, and managerial	4,433	80	350	4,002	2,652	531	819	40.9	43.0
Professional specialty	5,445	184	1,007	4,254	3,126	498	630	35.8	40.5
Technical, sales, and administrative support	20,996	1,197	4,186	15,613	12,558	1,597	1,459	35.5	40.6
Technicians and related support	1,479	56	201	1,222	991	127	104	37.4	40.4
Sales occupations	6,189	655	1,835	3,698	2,587	439	673	33.7	42.4
Administrative support, including clerical	13,329	486	2,150	10,693	8,980	1,031	681	36.2	40.1
Service occupations	8,199	1,267	2,515	4,417	3,429	405	583	31.5	41.1
Private household	977	210	426	341	233	39	69	25.4	42.8
Protective service	208	16	50	142	112	15	15	35.2	42.6
Service, except private household and protective	7,014	1,042	2,039	3,934	3,084	351	499	32.2	40.9
Precision production, craft, and repair	1,069	71	133	865	642	98	125	37.8	41.7
Operators, fabricators, and laborers	4,054	398	415	3,240	2,530	454	256	37.0	40.7
Machine operators, assemblers, and inspectors	3,024	278	178	2,568	2,052	345	170	37.8	40.4
Transportation and material moving occupations	313	35	94	184	118	33	34	33.1	43.4
Handlers, equipment cleaners, helpers, and laborers	717	86	143	488	361	75	52	35.1	41.4

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-32. Employment status of the noninstitutional population, including Armed forces stationed in the United States, by sex, seasonally adjusted

(Numbers in thousands)

Employment status and sex	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
TOTAL													
Noninstitutional population ¹	179,798	179,967	180,131	180,304	180,470	180,642	180,810	181,361	181,512	181,678	181,843	181,998	182,183
Labor force ¹	116,726	116,976	117,069	117,522	117,814	117,832	117,927	118,477	118,779	118,900	118,929	119,351	119,796
Percent of population ²	64.9	65.0	65.0	65.2	65.3	65.2	65.2	65.3	65.4	65.4	65.4	65.6	65.8
Total employed ¹	108,303	108,575	108,936	109,251	109,513	109,671	109,904	110,646	110,252	110,481	110,587	110,797	111,353
Employment-population ratio ³	60.2	60.3	60.5	60.6	60.7	60.7	60.8	61.0	60.7	60.8	60.8	60.9	61.1
Resident Armed Forces	1,702	1,704	1,726	1,732	1,700	1,702	1,698	1,691	1,691	1,693	1,695	1,687	1,680
Civilian employed	106,601	106,871	107,210	107,519	107,813	107,969	108,206	106,955	108,561	108,788	108,892	109,110	109,673
Agriculture	3,140	3,120	3,095	3,017	3,058	3,070	3,151	3,299	3,096	3,285	3,222	3,160	3,165
Nonagricultural industries	103,461	103,751	104,115	104,502	104,755	104,899	105,055	105,655	105,465	105,503	105,670	105,950	106,508
Unemployed	8,423	8,401	8,133	8,271	8,301	8,161	8,023	7,831	8,527	8,419	8,342	8,554	8,443
Unemployment rate ⁴	7.2	7.2	6.9	7.0	7.0	6.9	6.8	6.6	7.2	7.1	7.0	7.2	7.0
Not in labor force	63,072	62,991	63,062	62,782	62,656	62,810	62,883	62,885	62,733	62,778	62,914	62,647	62,387
Men													
Noninstitutional population ¹	85,970	86,052	86,132	86,217	86,293	86,374	86,459	86,882	86,954	87,035	87,120	87,195	87,288
Labor force ¹	65,808	65,884	65,945	66,074	66,227	66,176	66,139	66,679	66,838	66,864	66,757	66,943	66,964
Percent of population ²	76.5	76.6	76.6	76.6	76.7	76.6	76.5	76.7	76.9	76.8	76.6	76.8	76.7
Total employed ¹	61,175	61,273	61,510	61,829	61,656	61,731	61,793	62,458	62,243	62,288	62,254	62,190	62,322
Employment-population ratio ³	71.2	71.2	71.4	71.5	71.4	71.5	71.5	71.9	71.6	71.6	71.5	71.3	71.4
Resident Armed Forces	1,552	1,554	1,574	1,580	1,551	1,552	1,549	1,539	1,539	1,540	1,541	1,533	1,525
Civilian employed	59,623	59,719	59,936	60,049	60,105	60,179	60,244	60,919	60,704	60,748	60,713	60,657	60,797
Unemployed	4,633	4,611	4,435	4,445	4,571	4,445	4,346	4,221	4,595	4,577	4,503	4,754	4,642
Unemployment rate ⁴	7.0	7.0	6.7	6.7	6.9	6.7	6.6	6.3	6.9	6.8	6.7	7.1	6.9
Not in labor force	20,162	20,168	20,187	20,143	20,066	20,198	20,320	20,203	20,116	20,171	20,363	20,252	20,324
Women													
Noninstitutional population ¹	93,828	93,915	93,999	94,087	94,177	94,266	94,351	94,479	94,558	94,643	94,723	94,803	94,895
Labor force ¹	50,918	51,092	51,124	51,448	51,587	51,655	51,788	51,797	51,941	52,036	52,172	52,408	52,832
Percent of population ²	54.3	54.4	54.4	54.7	54.8	54.8	54.9	54.8	54.9	55.0	55.1	55.3	55.7
Total employed ¹	47,128	47,302	47,426	47,622	47,857	47,939	48,111	48,187	48,009	48,194	48,333	48,608	49,031
Employment-population ratio ³	50.2	50.4	50.5	50.6	50.8	50.9	51.0	51.0	50.8	50.9	51.0	51.3	51.7
Resident Armed Forces	150	150	152	152	149	149	149	152	152	153	154	154	155
Civilian employed	46,978	47,152	47,274	47,470	47,708	47,790	47,962	48,035	47,857	48,041	48,179	48,454	48,876
Unemployed	3,790	3,790	3,698	3,826	3,730	3,716	3,677	3,610	3,932	3,842	3,839	3,800	3,801
Unemployment rate ⁴	7.4	7.4	7.2	7.4	7.2	7.2	7.1	7.0	7.6	7.4	7.4	7.3	7.2
Not in labor force	42,910	42,823	42,875	42,639	42,590	42,611	42,563	42,682	42,617	42,607	42,551	42,395	42,063

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

² Labor force as a percent of the noninstitutional population.

³ Total employment as a percent of the noninstitutional population.

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

Armed Forces).

NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-32 through A-41 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, sex, and age	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
TOTAL													
Civilian noninstitutional population ¹	178,096	178,263	178,405	178,572	178,770	178,940	179,112	179,670	179,821	179,985	180,148	180,311	180,503
Civilian labor force	115,024	115,272	115,343	115,790	116,114	116,130	116,229	116,786	117,088	117,207	117,234	117,664	118,116
Percent of population	64.6	64.7	64.7	64.8	65.0	64.9	64.9	65.0	65.1	65.1	65.1	65.3	65.4
Employed	106,601	106,871	107,210	107,519	107,813	107,969	108,206	108,955	108,561	108,788	108,892	109,110	109,673
Employment-population ratio ²	59.9	60.0	60.1	60.2	60.3	60.3	60.4	60.6	60.4	60.4	60.4	60.5	60.8
Unemployed	8,423	8,401	8,133	8,271	8,301	8,161	8,023	7,831	8,527	8,419	8,342	8,554	8,443
Unemployment rate	7.3	7.3	7.1	7.1	7.1	7.0	6.9	6.7	7.3	7.2	7.1	7.3	7.1
Men, 20 years and over													
Civilian noninstitutional population ¹	77,135	77,243	77,306	77,389	77,498	77,566	77,651	78,101	78,171	78,236	78,309	78,387	78,484
Civilian labor force	60,246	60,158	60,269	60,407	60,526	60,553	60,548	61,212	61,183	61,268	61,053	61,208	61,387
Percent of population	78.1	77.9	78.0	78.1	78.1	78.1	78.0	78.4	78.3	78.3	78.0	78.1	78.2
Employed	56,384	56,403	56,636	56,751	56,849	56,897	56,982	57,706	57,384	57,459	57,391	57,312	57,560
Employment-population ratio ²	73.1	73.0	73.3	73.3	73.4	73.4	73.4	73.9	73.4	73.4	73.3	73.1	73.3
Agriculture	2,260	2,230	2,231	2,171	2,188	2,210	2,278	2,349	2,258	2,411	2,347	2,278	2,320
Nonagricultural industries	54,124	54,173	54,405	54,580	54,661	54,687	54,704	55,356	55,127	55,048	55,043	55,034	55,241
Unemployed	3,862	3,755	3,633	3,656	3,677	3,656	3,566	3,507	3,799	3,809	3,663	3,897	3,827
Unemployment rate	6.4	6.2	6.0	6.1	6.1	6.0	5.9	5.7	6.2	6.2	6.0	6.4	6.2
Not in labor force	16,889	17,085	17,037	16,982	16,972	17,013	17,103	16,889	16,988	16,968	17,256	17,179	17,097
Women, 20 years and over													
Civilian noninstitutional population ¹	86,477	86,575	86,652	86,727	86,810	86,901	86,988	87,112	87,185	87,263	87,355	87,444	87,547
Civilian labor force	47,185	47,190	47,340	47,558	47,663	47,713	47,870	47,895	47,921	47,952	48,107	48,409	48,805
Percent of population	54.6	54.5	54.6	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.1	55.4	55.7
Employed	44,033	44,070	44,197	44,363	44,609	44,656	44,882	44,980	44,710	44,797	45,009	45,284	45,701
Employment-population ratio ²	50.9	50.9	51.0	51.2	51.4	51.4	51.6	51.6	51.3	51.3	51.5	51.8	52.2
Agriculture	572	596	581	557	609	591	597	696	593	598	576	609	565
Nonagricultural industries	43,461	43,474	43,616	43,806	44,000	44,065	44,285	44,284	44,117	44,199	44,433	44,675	45,136
Unemployed	3,152	3,120	3,143	3,195	3,054	3,057	2,988	2,915	3,211	3,155	3,097	3,125	3,104
Unemployment rate	6.7	6.6	6.6	6.7	6.4	6.4	6.2	6.1	6.7	6.6	6.4	6.5	6.4
Not in labor force	39,292	39,385	39,312	39,169	39,147	39,188	39,118	39,217	39,264	39,311	39,248	39,035	38,742
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	14,483	14,445	14,448	14,456	14,463	14,472	14,474	14,458	14,465	14,485	14,484	14,480	14,472
Civilian labor force	7,593	7,924	7,734	7,825	7,925	7,864	7,811	7,678	7,984	7,987	8,074	8,047	7,923
Percent of population	52.4	54.9	53.5	54.1	54.8	54.3	54.0	53.1	55.2	55.1	55.7	55.6	54.7
Employed	6,184	6,398	6,377	6,405	6,355	6,416	6,342	6,269	6,467	6,532	6,492	6,515	6,411
Employment-population ratio ²	42.7	44.3	44.1	44.3	43.9	44.3	43.8	43.4	44.7	45.1	44.8	45.0	44.3
Agriculture	308	294	283	289	261	269	276	254	246	276	298	274	280
Nonagricultural industries	5,876	6,104	6,094	6,116	6,094	6,147	6,066	6,015	6,221	6,256	6,194	6,241	6,131
Unemployed	1,409	1,526	1,357	1,420	1,570	1,448	1,469	1,409	1,517	1,455	1,582	1,532	1,512
Unemployment rate	18.6	19.3	17.5	18.1	19.8	18.4	18.8	18.4	19.0	18.2	19.6	19.0	19.1
Not in labor force	6,890	6,521	6,714	6,631	6,538	6,608	6,663	6,780	6,481	6,498	6,410	6,433	6,549

¹ The population figures are not adjusted for seasonal variation.

population.

² Civilian employment as a percent of the civilian noninstitutional

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
WHITE													
Civilian noninstitutional population ¹	153,597	153,717	153,819	153,938	154,082	154,203	154,327	154,784	154,889	155,005	155,122	155,236	155,376
Civilian labor force	99,527	99,705	99,817	100,179	100,533	100,478	100,533	100,961	101,232	101,248	101,249	101,515	101,975
Percent of population	64.8	64.9	64.9	65.1	65.2	65.2	65.1	65.2	65.4	65.3	65.3	65.4	65.6
Employed	93,132	93,378	93,684	94,055	94,369	94,507	94,585	95,165	94,803	94,958	95,081	95,180	95,731
Employment-population ratio ²	60.6	60.7	60.9	61.1	61.2	61.3	61.3	61.5	61.2	61.3	61.3	61.3	61.6
Unemployed	6,395	6,327	6,133	6,124	6,164	5,971	5,948	5,796	6,429	6,290	6,168	6,335	6,244
Unemployment rate	6.4	6.3	6.1	6.1	6.1	5.9	5.9	5.7	6.4	6.2	6.1	6.2	6.1
Men, 20 years and over													
Civilian labor force	52,870	52,752	52,877	52,983	53,105	53,125	53,097	53,603	53,598	53,613	53,504	53,548	53,674
Percent of population	78.5	78.2	78.4	78.5	78.6	78.5	78.4	78.7	78.6	78.6	78.4	78.4	78.5
Employed	49,848	49,815	50,050	50,207	50,339	50,380	50,408	50,944	50,691	50,665	50,717	50,588	50,789
Employment-population ratio ²	74.0	73.9	74.2	74.4	74.5	74.5	74.4	74.8	74.4	74.3	74.3	74.1	74.3
Unemployed	3,022	2,937	2,827	2,776	2,766	2,745	2,689	2,659	2,906	2,948	2,786	2,960	2,884
Unemployment rate	5.7	5.6	5.3	5.2	5.2	5.2	5.1	5.0	5.4	5.5	5.2	5.5	5.4
Women, 20 years and over													
Civilian labor force	40,080	40,131	40,254	40,403	40,549	40,538	40,659	40,691	40,698	40,750	40,808	41,040	41,511
Percent of population	53.9	53.9	54.0	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.7	55.3
Employed	37,760	37,840	37,964	38,096	38,317	38,366	38,475	38,546	38,298	38,407	38,566	38,775	39,249
Employment-population ratio ²	50.8	50.8	51.0	51.1	51.3	51.4	51.5	51.5	51.1	51.3	51.4	51.7	52.3
Unemployed	2,320	2,291	2,290	2,307	2,232	2,172	2,184	2,145	2,401	2,343	2,242	2,265	2,262
Unemployment rate	5.8	5.7	5.7	5.7	5.5	5.4	5.4	5.3	5.9	5.8	5.5	5.5	5.4
Both sexes, 16 to 19 years													
Civilian labor force	6,577	6,822	6,686	6,793	6,879	6,815	6,777	6,667	6,936	6,885	6,937	6,927	6,790
Percent of population	55.3	57.5	56.4	57.3	58.0	57.4	57.1	56.2	58.5	58.1	58.4	58.3	57.2
Employed	5,524	5,723	5,670	5,752	5,713	5,761	5,702	5,675	5,814	5,886	5,797	5,817	5,693
Employment-population ratio ²	46.5	48.2	47.8	48.5	48.2	48.6	48.1	47.8	49.0	49.6	48.8	49.0	47.9
Unemployed	1,053	1,099	1,016	1,041	1,166	1,054	1,075	992	1,122	999	1,140	1,110	1,097
Unemployment rate	16.0	16.1	15.2	15.3	17.0	15.5	15.9	14.9	16.2	14.5	16.4	16.0	16.2
Men	16.7	17.1	17.2	16.2	18.5	15.8	16.2	14.7	16.5	15.3	17.2	17.3	17.8
Women	15.2	15.0	13.0	14.4	15.3	15.1	15.5	15.1	15.8	13.7	15.6	14.7	14.4
BLACK													
Civilian noninstitutional population ¹	19,646	19,675	19,700	19,728	19,761	19,790	19,819	19,837	19,863	19,889	19,916	19,943	19,974
Civilian labor force	12,317	12,354	12,289	12,378	12,412	12,457	12,522	12,548	12,545	12,656	12,740	12,781	12,754
Percent of population	62.7	62.8	62.4	62.7	62.8	62.9	63.2	63.3	63.2	63.6	64.0	64.1	63.9
Employed	10,538	10,499	10,560	10,500	10,566	10,518	10,657	10,737	10,690	10,791	10,856	10,889	10,825
Employment-population ratio ²	53.6	53.4	53.6	53.2	53.5	53.1	53.8	54.1	53.8	54.3	54.5	54.6	54.2
Unemployed	1,779	1,855	1,729	1,878	1,846	1,939	1,865	1,810	1,855	1,865	1,884	1,892	1,929
Unemployment rate	14.4	15.0	14.1	15.2	14.9	15.6	14.9	14.4	14.8	14.7	14.8	14.8	15.1
Men, 20 years and over													
Civilian labor force	5,731	5,745	5,747	5,788	5,778	5,772	5,797	5,887	5,858	5,913	5,916	5,956	5,968
Percent of population	74.2	74.2	74.2	74.6	74.3	74.1	74.2	75.1	74.6	75.2	75.1	75.5	75.5
Employed	5,017	5,012	5,062	5,019	4,987	4,983	5,035	5,142	5,081	5,169	5,170	5,199	5,171
Employment-population ratio ²	65.0	64.8	65.3	64.7	64.1	63.9	64.5	65.6	64.7	65.7	65.7	65.9	65.4
Unemployed	714	733	685	769	791	789	762	745	778	744	746	757	796
Unemployment rate	12.5	12.8	11.9	13.3	13.7	13.7	13.1	12.7	13.3	12.6	12.6	12.7	13.3
Women, 20 years and over													
Civilian labor force	5,727	5,701	5,696	5,724	5,727	5,810	5,835	5,762	5,776	5,791	5,875	5,897	5,834
Percent of population	58.7	58.3	58.1	58.3	58.3	59.0	59.2	58.4	58.5	58.5	59.3	59.4	58.7
Employed	5,001	4,953	4,951	4,951	5,032	5,017	5,102	5,074	5,054	5,087	5,140	5,141	5,085
Employment-population ratio ²	51.2	50.6	50.5	50.5	51.2	50.9	51.7	51.5	51.2	51.4	51.9	51.8	51.2
Unemployed	726	748	745	773	695	793	733	689	722	704	735	756	749
Unemployment rate	12.7	13.1	13.1	13.5	12.1	13.6	12.6	12.0	12.5	12.2	12.5	12.8	12.8

See footnotes at end of table.

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	859	908	846	866	907	875	890	898	911	951	949	928	952
Percent of population	39.8	42.1	39.3	40.2	42.2	40.7	41.5	42.0	42.6	44.5	44.4	43.5	44.6
Employed	520	534	547	530	547	518	520	522	555	535	545	549	569
Employment-population ratio ²	24.1	24.8	25.4	24.6	25.4	24.1	24.2	24.4	26.0	25.1	25.5	25.7	26.7
Unemployed	339	374	299	336	360	357	370	376	356	416	404	379	383
Unemployment rate	39.5	41.2	35.3	38.8	39.7	40.8	41.6	41.9	39.1	43.7	42.6	40.8	40.2
Men	41.0	43.1	34.9	41.1	41.0	45.2	41.0	41.3	38.7	44.1	41.4	40.8	38.5
Women	37.8	39.0	35.9	36.1	38.2	36.0	42.3	42.4	39.5	43.4	43.8	40.8	41.9
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	11,897	11,933	11,969	12,004	12,040	12,075	12,111	12,148	12,184	12,219	12,255	12,290	12,326
Civilian labor force	7,669	7,713	7,781	7,844	7,854	7,782	7,772	7,787	7,943	7,920	7,975	8,002	8,110
Percent of population	64.5	64.6	65.0	65.3	65.2	64.4	64.2	64.1	65.2	64.8	65.1	65.1	65.8
Employed	6,856	6,870	6,973	7,026	6,982	6,953	6,962	6,998	6,969	7,105	7,144	7,123	7,251
Employment-population ratio ²	57.6	57.6	58.3	58.5	58.0	57.6	57.5	57.6	57.2	58.2	58.3	58.0	58.8
Unemployed	813	843	808	818	872	829	810	789	974	815	832	878	858
Unemployment rate	10.6	10.9	10.4	10.4	11.1	10.7	10.4	10.1	12.3	10.3	10.4	11.0	10.6

¹ The population figures are not adjusted for seasonal variation.

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

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

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

(In thousands)

Category	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
CHARACTERISTIC													
Total	106,601	106,871	107,210	107,519	107,813	107,969	108,206	108,955	108,561	108,788	108,892	109,110	109,673
Married men, spouse present	38,966	39,096	39,142	39,103	39,272	39,314	39,278	39,615	39,382	39,365	39,555	39,614	39,626
Married women, spouse present	26,174	26,316	26,392	26,531	26,702	26,721	26,804	26,958	26,593	26,656	26,802	26,920	27,427
Women who maintain families	5,643	5,607	5,627	5,556	5,514	5,605	5,693	5,702	5,733	5,771	5,812	5,718	5,668
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,530	1,479	1,456	1,438	1,465	1,537	1,572	1,673	1,519	1,689	1,587	1,480	1,498
Self-employed workers	1,451	1,474	1,444	1,414	1,436	1,361	1,409	1,492	1,444	1,453	1,475	1,486	1,504
Unpaid family workers	159	170	176	179	172	158	164	163	156	172	180	186	154
Nonagricultural industries:													
Wage and salary workers	95,391	95,523	95,791	96,546	96,530	96,676	96,921	97,911	97,516	97,698	97,831	97,994	98,372
Government	16,000	15,949	16,075	16,145	16,213	16,157	16,194	16,418	16,104	16,095	16,187	16,325	16,387
Private industries	79,391	79,574	79,716	80,401	80,317	80,519	80,727	81,494	81,412	81,604	81,643	81,669	81,984
Private households	1,228	1,251	1,295	1,266	1,271	1,197	1,131	1,256	1,197	1,213	1,321	1,275	1,279
Other industries	78,163	78,323	78,421	79,135	79,046	79,322	79,596	80,238	80,216	80,390	80,322	80,394	80,705
Self-employed workers	7,728	7,724	7,874	7,846	7,991	8,013	7,903	7,655	7,669	7,644	7,571	7,757	7,807
Unpaid family workers	292	277	303	266	248	249	250	273	270	240	253	229	235
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	5,544	5,596	5,680	5,554	5,475	5,498	5,494	5,543	5,377	5,538	5,923	5,980	5,537
Slack work	2,524	2,414	2,480	2,433	2,251	2,306	2,303	2,364	2,369	2,330	2,603	2,659	2,434
Could only find part-time work	2,751	2,766	2,835	2,815	2,897	2,883	2,864	2,883	2,703	2,953	2,974	2,893	2,810
Voluntary part time	13,439	13,634	13,622	13,496	13,713	13,645	13,556	13,958	13,817	13,754	13,933	13,638	14,268
Nonagricultural industries:													
Part time for economic reasons	5,278	5,328	5,413	5,299	5,241	5,295	5,294	5,275	5,158	5,301	5,621	5,673	5,320
Slack work	2,334	2,251	2,319	2,292	2,115	2,196	2,195	2,208	2,224	2,159	2,430	2,523	2,308
Could only find part-time work	2,675	2,686	2,740	2,730	2,801	2,784	2,760	2,776	2,636	2,861	2,849	2,790	2,724
Voluntary part time	12,995	13,235	13,179	13,053	13,277	13,194	13,122	13,441	13,369	13,285	13,599	13,191	13,779

¹ Excludes persons "with a job but not at work" during the survey

period for such reasons as vacation, illness, or industrial dispute.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-36. Employed civilians by sex and age, seasonally adjusted

(In thousands)

Sex and age	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	106,601	106,871	107,210	107,519	107,813	107,969	108,206	108,955	108,561	108,788	108,892	109,110	109,673
16 to 24 years	20,145	20,288	20,270	20,351	20,307	20,308	20,303	20,235	20,501	20,512	20,309	20,213	20,242
16 to 19 years	6,184	6,398	6,377	6,405	6,355	6,416	6,342	6,269	6,467	6,532	6,492	6,515	6,411
16 to 17 years	2,399	2,484	2,489	2,487	2,458	2,487	2,466	2,460	2,557	2,685	2,649	2,626	2,614
18 to 19 years	3,819	3,888	3,857	3,930	3,913	3,910	3,887	3,857	3,920	3,889	3,828	3,876	3,818
20 to 24 years	13,961	13,890	13,893	13,946	13,952	13,892	13,961	13,966	14,034	13,980	13,817	13,698	13,831
25 years and over	86,447	86,650	86,919	87,157	87,477	87,665	87,877	88,684	88,007	88,315	88,639	88,876	89,428
25 to 54 years	72,175	72,425	72,623	72,945	73,164	73,384	73,668	74,373	73,922	74,079	74,364	74,428	74,882
55 years and over	14,299	14,201	14,305	14,231	14,336	14,297	14,248	14,360	14,085	14,151	14,250	14,379	14,567
Men, 16 years and over	59,623	59,719	59,936	60,049	60,105	60,179	60,244	60,919	60,704	60,748	60,713	60,657	60,797
16 to 24 years	10,555	10,595	10,604	10,632	10,543	10,590	10,584	10,635	10,766	10,701	10,585	10,492	10,463
16 to 19 years	3,239	3,316	3,300	3,298	3,256	3,282	3,262	3,214	3,320	3,288	3,322	3,345	3,236
16 to 17 years	1,238	1,296	1,284	1,307	1,280	1,308	1,289	1,249	1,323	1,372	1,368	1,380	1,350
18 to 19 years	2,020	2,018	1,988	2,008	1,993	1,957	1,984	1,996	2,018	1,929	1,956	1,965	1,895
20 to 24 years	7,316	7,279	7,304	7,334	7,287	7,308	7,322	7,421	7,446	7,413	7,262	7,147	7,227
25 years and over	49,030	49,163	49,323	49,398	49,532	49,596	49,636	50,296	49,905	50,058	50,216	50,165	50,289
25 to 54 years	40,593	40,758	40,844	40,971	41,081	41,144	41,244	41,786	41,588	41,642	41,751	41,648	41,835
55 years and over	8,458	8,366	8,475	8,459	8,483	8,461	8,424	8,522	8,326	8,361	8,436	8,501	8,462
Women, 16 years and over	46,978	47,152	47,274	47,470	47,708	47,790	47,962	48,035	47,857	48,041	48,179	48,454	48,876
16 to 24 years	9,590	9,693	9,666	9,719	9,764	9,718	9,719	9,599	9,736	9,810	9,724	9,721	9,779
16 to 19 years	2,945	3,082	3,077	3,107	3,099	3,134	3,080	3,055	3,147	3,244	3,170	3,170	3,175
16 to 17 years	1,161	1,188	1,205	1,180	1,178	1,179	1,177	1,211	1,234	1,313	1,281	1,246	1,264
18 to 19 years	1,799	1,870	1,869	1,922	1,920	1,953	1,903	1,861	1,902	1,960	1,872	1,921	1,923
20 to 24 years	6,645	6,611	6,589	6,612	6,665	6,584	6,639	6,545	6,589	6,567	6,555	6,552	6,604
25 years and over	37,417	37,487	37,596	37,759	37,945	38,069	38,241	38,388	38,102	38,257	38,423	38,711	39,139
25 to 54 years	31,582	31,667	31,779	31,974	32,083	32,240	32,424	32,587	32,334	32,437	32,613	32,780	33,047
55 years and over	5,841	5,835	5,830	5,772	5,853	5,836	5,824	5,838	5,760	5,789	5,814	5,878	6,104

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

(In thousands)

Sex and age	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	8,423	8,401	8,133	8,271	8,301	8,161	8,023	7,831	8,527	8,419	8,342	8,554	8,443
16 to 24 years	3,167	3,270	3,041	3,132	3,274	3,170	3,123	3,030	3,222	3,109	3,266	3,339	3,172
16 to 19 years	1,409	1,526	1,357	1,420	1,570	1,448	1,469	1,409	1,517	1,455	1,582	1,532	1,512
16 to 17 years	661	687	586	632	721	678	660	650	711	645	698	702	680
18 to 19 years	750	812	777	786	846	795	822	754	813	801	894	824	830
20 to 24 years	1,758	1,744	1,684	1,712	1,704	1,722	1,654	1,621	1,705	1,654	1,684	1,807	1,660
25 years and over	5,280	5,125	5,077	5,176	5,004	4,987	4,890	4,808	5,309	5,300	5,101	5,188	5,303
25 to 54 years	4,613	4,513	4,480	4,522	4,402	4,384	4,301	4,248	4,666	4,671	4,557	4,672	4,728
55 years and over	642	655	615	604	589	570	573	576	650	638	576	545	560
Men, 16 years and over	4,633	4,611	4,435	4,445	4,571	4,445	4,346	4,221	4,595	4,577	4,503	4,754	4,642
16 to 24 years	1,745	1,811	1,696	1,696	1,800	1,710	1,649	1,568	1,688	1,683	1,792	1,850	1,705
16 to 19 years	771	856	802	789	894	789	780	714	796	768	840	857	815
16 to 17 years	373	368	360	341	405	345	355	331	399	342	367	380	325
18 to 19 years	397	463	440	450	494	449	435	387	403	418	480	478	487
20 to 24 years	974	955	894	907	906	921	869	854	892	915	952	993	890
25 years and over	2,887	2,786	2,744	2,779	2,761	2,736	2,694	2,660	2,909	2,886	2,733	2,865	2,945
25 to 54 years	2,502	2,420	2,405	2,393	2,381	2,359	2,339	2,330	2,533	2,508	2,415	2,553	2,590
55 years and over	391	399	338	352	361	353	339	345	386	373	344	335	362
Women, 16 years and over	3,790	3,790	3,698	3,826	3,730	3,716	3,677	3,610	3,932	3,842	3,839	3,800	3,801
16 to 24 years	1,422	1,459	1,345	1,436	1,474	1,460	1,474	1,462	1,534	1,427	1,473	1,489	1,467
16 to 19 years	638	670	555	631	676	659	689	695	721	687	742	675	697
16 to 17 years	288	319	226	291	316	333	305	319	312	303	331	322	355
18 to 19 years	353	349	337	336	352	346	387	367	410	383	414	346	343
20 to 24 years	784	789	790	805	798	801	785	767	813	740	731	814	770
25 years and over	2,393	2,339	2,333	2,397	2,243	2,251	2,196	2,148	2,400	2,414	2,368	2,322	2,358
25 to 54 years	2,111	2,093	2,075	2,129	2,021	2,025	1,962	1,918	2,133	2,163	2,143	2,119	2,138
55 years and over	251	256	277	252	228	217	234	231	264	264	232	209	198

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

(Civilian workers)

Sex and age	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	7.3	7.3	7.1	7.1	7.1	7.0	6.9	6.7	7.3	7.2	7.1	7.3	7.1
16 to 24 years	13.6	13.9	13.0	13.3	13.9	13.5	13.3	13.0	13.6	13.2	13.9	14.2	13.5
16 to 19 years	18.6	19.3	17.5	18.1	19.8	18.4	18.8	18.4	19.0	18.2	19.6	19.0	19.1
16 to 17 years	21.6	21.7	19.1	20.3	22.7	21.4	21.1	20.9	21.8	19.4	20.9	21.1	20.6
18 to 19 years	16.4	17.3	16.8	16.7	17.8	16.9	17.5	16.4	17.2	17.1	18.9	17.5	17.9
20 to 24 years	11.2	11.2	10.8	10.9	10.9	11.0	10.6	10.4	10.8	10.6	10.9	11.7	10.7
25 years and over	5.8	5.6	5.5	5.6	5.4	5.4	5.3	5.1	5.7	5.7	5.4	5.5	5.6
25 to 54 years	6.0	5.9	5.6	5.6	5.7	5.6	5.5	5.4	5.9	5.9	5.8	5.9	5.9
55 years and over	4.3	4.4	4.1	4.1	3.9	3.8	3.9	3.9	4.4	4.3	3.9	3.6	3.7
Men, 16 years and over	7.2	7.2	6.9	6.9	7.1	6.9	6.7	6.5	7.0	7.0	6.9	7.3	7.1
16 to 24 years	14.2	14.6	13.6	13.6	14.6	13.9	13.5	12.8	13.6	13.6	14.5	15.0	14.0
16 to 19 years	19.2	20.5	19.6	19.3	21.5	19.4	19.3	18.2	19.3	16.9	20.2	20.4	20.1
16 to 17 years	23.2	22.1	21.9	20.7	24.0	20.9	21.6	20.9	23.2	20.0	21.2	21.6	19.4
16 to 19 years	16.4	18.7	18.1	18.3	19.9	18.7	18.0	16.2	16.6	17.8	19.7	19.6	20.4
20 to 24 years	11.7	11.8	10.9	11.0	11.1	11.2	10.6	10.3	10.7	11.0	11.6	12.2	11.0
25 years and over	5.6	5.4	5.3	5.3	5.3	5.2	5.1	5.0	5.5	5.5	5.2	5.4	5.5
25 to 54 years	5.8	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.7	5.7	5.5	5.8	5.6
55 years and over	4.4	4.8	3.8	4.0	4.1	4.0	3.9	3.9	4.4	4.3	3.9	3.8	4.1
Women, 16 years and over	7.5	7.4	7.3	7.5	7.3	7.2	7.1	7.0	7.6	7.4	7.4	7.3	7.2
16 to 24 years	12.9	13.1	12.2	12.9	13.1	13.1	13.2	13.2	13.6	12.7	13.2	13.3	13.0
16 to 19 years	17.6	17.9	15.3	16.9	17.9	17.4	18.3	18.5	18.6	17.5	19.0	17.6	18.0
16 to 17 years	19.9	21.2	15.8	19.8	21.2	22.0	20.6	20.8	20.2	18.8	20.5	20.5	21.9
18 to 19 years	16.4	15.7	15.3	14.9	15.5	15.1	16.9	16.5	17.7	16.3	18.1	15.3	15.1
20 to 24 years	10.6	10.7	10.7	10.9	10.7	10.8	10.6	10.5	11.0	10.1	10.0	11.1	10.4
25 years and over	6.0	5.9	5.8	6.0	5.6	5.6	5.4	5.3	5.9	5.9	5.8	5.7	5.7
25 to 54 years	6.3	6.2	6.1	6.2	5.9	5.9	5.7	5.6	6.2	6.3	6.2	6.1	6.1
55 years and over	4.1	4.2	4.5	4.2	3.7	3.6	3.9	3.8	4.4	4.4	3.8	3.4	3.1

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
CHARACTERISTIC													
Total (all civilian workers)	7.3	7.3	7.1	7.1	7.1	7.0	6.9	6.7	7.3	7.2	7.1	7.3	7.1
Men, 20 years and over	6.4	6.2	6.0	6.1	6.1	6.0	5.9	5.7	6.2	6.2	6.0	6.4	6.2
Women, 20 years and over	6.7	6.6	6.6	6.7	6.4	6.4	6.2	6.1	6.7	6.6	6.4	6.5	6.4
Both sexes, 16 to 19 years	18.6	19.3	17.5	18.1	19.8	18.4	18.8	18.4	19.0	18.2	19.6	19.0	19.1
White	6.4	6.3	6.1	6.1	6.1	5.9	5.9	5.7	6.4	6.2	6.1	6.2	6.1
Black and other	13.2	13.5	12.8	13.7	13.5	14.1	13.4	12.8	13.3	13.3	13.6	13.6	13.7
Black	14.4	15.0	14.1	15.2	14.9	15.6	14.9	14.4	14.8	14.7	14.8	14.8	15.1
Hispanic origin	10.6	10.9	10.4	10.4	11.1	10.7	10.4	10.1	12.3	10.3	10.4	11.0	10.6
Married men, spouse present	4.6	4.4	4.1	4.3	4.2	4.3	4.3	4.3	4.5	4.5	4.2	4.5	4.5
Married women, spouse present	5.8	5.7	5.4	5.6	5.3	5.5	5.3	5.1	5.5	5.6	5.3	5.4	5.2
Women who maintain families	9.9	10.3	10.8	11.3	10.4	10.0	9.4	9.9	9.9	10.1	9.4	10.2	10.1
Full-time workers	6.9	7.0	6.8	6.8	6.8	6.7	6.6	6.4	6.9	6.9	6.7	7.0	6.7
Part-time workers	9.5	9.4	9.0	9.3	9.6	8.8	9.0	8.4	9.4	9.1	9.6	9.2	9.1
Unemployed 15 weeks and over ¹	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	2.0	1.9	1.8	1.9	2.0
Labor force time lost ²	8.2	8.2	8.1	8.1	7.9	7.9	7.8	7.6	8.1	8.1	8.1	8.3	8.1
INDUSTRY													
Nonagricultural private wage and salary workers	7.3	7.3	7.1	7.2	7.1	7.0	6.9	6.7	7.2	7.2	7.2	7.3	7.1
Mining	10.9	9.9	8.6	8.9	7.7	7.3	10.3	10.9	9.2	10.4	12.8	13.7	17.6
Construction	13.5	13.4	13.1	13.6	13.5	13.4	12.6	12.9	13.2	13.0	12.0	13.3	12.1
Manufacturing	7.7	7.9	7.8	7.7	7.5	7.7	7.3	7.0	7.2	7.2	6.8	7.5	7.3
Durable goods	7.9	7.9	7.9	7.7	7.3	7.6	7.3	7.0	7.4	6.8	6.8	7.3	7.1
Nondurable goods	7.5	7.9	7.6	7.8	7.8	7.8	7.3	7.1	7.0	7.7	6.8	7.7	7.5
Transportation and public utilities	5.3	5.7	4.5	5.3	5.1	5.1	5.0	4.3	5.3	6.1	5.6	5.3	5.5
Wholesale and retail trade	7.7	7.6	7.7	7.8	7.7	7.5	7.6	7.2	7.8	7.6	8.1	8.1	7.7
Finance and service industries	5.7	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.9	5.7	5.9	5.5	5.4
Agricultural wage and salary workers	12.5	14.0	14.0	13.3	12.9	12.5	10.6	10.9	14.3	11.9	13.4	15.8	13.2

¹ Unemployment as a percent of the civilian labor force.

² Aggregate hours lost by the unemployed and persons on part time

for economic reasons as a percent of potentially available labor force hours.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Weeks of unemployment	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
DURATION													
Less than 5 weeks	3,466	3,525	3,422	3,484	3,430	3,465	3,374	3,311	3,562	3,589	3,628	3,705	3,384
5 to 14 weeks	2,536	2,514	2,508	2,505	2,536	2,448	2,460	2,441	2,622	2,640	2,685	2,737	2,708
15 weeks and over	2,328	2,329	2,274	2,307	2,277	2,205	2,188	2,056	2,340	2,258	2,135	2,209	2,320
15 to 26 weeks	1,033	1,078	1,047	1,035	1,057	894	973	969	1,149	1,099	1,001	1,072	1,036
27 weeks and over	1,295	1,251	1,227	1,272	1,220	1,311	1,215	1,087	1,191	1,159	1,134	1,137	1,284
Average (mean) duration, in weeks	15.5	15.5	15.5	15.5	15.4	15.7	15.4	14.9	15.3	14.4	14.3	14.4	15.2
Median duration, in weeks	6.8	7.1	7.2	6.9	7.0	6.9	6.9	6.8	6.9	6.8	6.5	6.6	7.3
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	41.6	42.1	41.7	42.0	41.6	42.7	42.1	42.4	41.8	42.3	42.9	42.8	40.2
5 to 14 weeks	30.4	30.0	30.6	30.2	30.8	30.2	30.7	31.3	30.8	31.1	31.8	31.6	32.2
15 weeks and over	27.9	27.8	27.7	27.8	27.6	27.2	27.3	26.3	27.5	26.6	25.3	25.5	27.6
15 to 26 weeks	12.4	12.9	12.8	12.5	12.8	11.0	12.1	12.4	13.5	13.0	11.9	12.4	12.3
27 weeks and over	15.5	14.9	15.0	15.3	14.8	16.1	15.1	13.9	14.0	13.7	13.4	13.1	15.3

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

(Numbers in thousands)

Reasons for unemployment	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
NUMBER OF UNEMPLOYED													
Job losers	4,167	4,206	4,144	4,142	4,040	4,081	3,933	3,776	4,162	4,246	4,034	4,311	4,335
On layoff	1,135	1,134	1,112	1,167	1,161	1,175	1,132	1,163	1,152	1,164	1,028	1,133	1,066
Other job losers	3,032	3,072	3,032	2,975	2,879	2,906	2,801	2,613	3,010	3,082	3,006	3,178	3,269
Job leavers	983	894	875	852	911	808	876	996	1,001	1,002	1,110	975	1,013
Reentrants	2,233	2,184	2,191	2,335	2,237	2,226	2,225	2,066	2,292	2,197	2,191	2,217	2,064
New entrants	1,018	1,098	941	918	1,045	1,055	1,033	1,025	1,097	1,000	1,059	1,062	1,059
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	49.6	50.2	50.8	50.2	49.1	50.0	48.8	48.0	48.7	50.3	48.1	50.3	51.2
On layoff	13.5	13.5	13.6	14.2	14.1	14.4	14.0	14.8	13.5	13.8	12.2	13.2	12.6
Other job losers	36.1	36.6	37.2	36.1	35.0	35.6	34.7	33.2	35.2	36.5	35.8	37.1	38.6
Job leavers	11.7	10.7	10.7	10.3	11.1	9.9	10.9	12.7	11.7	11.9	13.2	11.4	12.0
Reentrants	26.6	26.1	26.9	28.3	27.2	27.2	27.6	26.3	26.8	26.0	26.1	25.9	24.4
New entrants	12.1	13.1	11.5	11.1	12.7	12.9	12.8	13.0	12.8	11.8	12.6	12.4	12.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.2	3.6	3.6	3.4	3.7	3.7
Job leavers .....	.9	.8	.8	.7	.8	.7	.8	.9	.9	.9	.9	.8	.9
Reentrants	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.8	2.0	1.9	1.9	1.9	1.7
New entrants .....	.9	1.0	.8	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status and sex	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Noninstitutional population ¹	175,626	176,129	176,639	177,364	177,816	178,305	178,834	179,222	179,649	180,135	180,641	181,517	182,008
Labor force ¹	112,865	113,770	113,831	114,221	115,232	115,522	115,936	116,724	116,909	117,189	117,858	118,718	119,359
Percent of population ²	64.3	64.6	64.4	64.4	64.8	64.8	64.8	65.1	65.1	65.1	65.2	65.4	65.6
Total employed ¹	101,592	103,299	104,290	105,357	106,715	107,078	107,659	108,318	108,507	108,921	109,696	110,460	110,912
Employment-population ratio ³	57.8	58.6	59.0	59.4	60.0	60.1	60.2	60.4	60.4	60.5	60.7	60.9	60.9
Resident Armed Forces	1,669	1,680	1,689	1,685	1,691	1,710	1,701	1,700	1,703	1,721	1,700	1,692	1,687
Civilian employed	99,923	101,619	102,600	103,671	105,024	105,368	105,959	106,618	106,804	107,200	107,996	108,768	109,225
Agriculture	3,383	3,433	3,308	3,305	3,350	3,319	3,325	3,319	3,259	3,077	3,093	3,227	3,182
Nonagricultural industries	96,539	98,186	99,292	100,366	101,675	102,048	102,634	103,298	103,545	104,123	104,903	105,541	106,043
Unemployed	11,273	10,471	9,541	8,865	8,517	8,444	8,276	8,406	8,402	8,268	8,162	8,259	8,446
Unemployment rate ⁴	10.0	9.2	8.4	7.8	7.4	7.3	7.1	7.2	7.2	7.1	6.9	7.0	7.1
Not in labor force	82,761	82,359	82,808	83,143	82,584	82,783	82,898	82,498	82,740	82,946	82,783	82,798	82,650
Men													
Noninstitutional population ¹	83,934	84,178	84,424	84,812	85,026	85,263	85,523	85,695	85,899	86,133	86,376	86,957	87,201
Labor force ¹	64,477	64,866	64,816	65,023	65,317	65,469	65,678	65,806	65,916	65,968	66,181	66,794	66,888
Percent of population ²	76.8	77.1	76.8	76.7	76.8	76.8	76.8	76.8	76.7	76.6	76.6	76.8	76.7
Total employed ¹	57,860	58,724	59,329	60,038	60,579	60,811	61,135	61,250	61,349	61,471	61,727	62,330	62,255
Employment-population ratio ³	68.9	69.8	70.3	70.8	71.2	71.3	71.5	71.5	71.4	71.4	71.5	71.7	71.4
Resident Armed Forces	1,528	1,536	1,538	1,541	1,546	1,562	1,553	1,552	1,554	1,569	1,551	1,539	1,533
Civilian employed	56,332	57,188	57,791	58,497	59,033	59,249	59,582	59,698	59,795	59,901	60,176	60,790	60,722
Unemployed	6,617	6,142	5,487	4,985	4,738	4,658	4,543	4,555	4,568	4,497	4,454	4,464	4,633
Unemployment rate ⁴	10.3	9.5	8.5	7.7	7.3	7.1	6.9	6.9	6.9	6.8	6.7	6.7	6.9
Not in labor force	19,457	19,312	19,608	19,789	19,709	19,794	19,845	19,889	19,982	20,166	20,195	20,164	20,313
Women													
Noninstitutional population ¹	91,693	91,952	92,215	92,552	92,790	93,043	93,311	93,527	93,751	94,000	94,265	94,560	94,807
Labor force ¹	48,368	48,904	49,015	49,198	49,915	50,053	50,258	50,918	50,993	51,221	51,677	51,925	52,471
Percent of population ²	52.8	53.2	53.2	53.2	53.8	53.8	53.9	54.4	54.4	54.5	54.8	54.9	55.3
Total employed ¹	43,732	44,575	44,961	45,318	46,136	46,267	46,524	47,068	47,158	47,450	47,969	48,130	48,657
Employment-population ratio ³	47.7	48.5	48.8	49.0	49.7	49.7	49.9	50.3	50.3	50.5	50.9	50.9	51.3
Resident Armed Forces	142	144	151	144	145	148	148	148	149	151	149	152	154
Civilian employed	43,591	44,431	44,809	45,174	45,991	46,119	46,377	46,919	47,009	47,299	47,820	47,978	48,503
Unemployed	4,656	4,329	4,055	3,880	3,779	3,786	3,733	3,851	3,835	3,771	3,708	3,795	3,814
Unemployment rate ⁴	9.6	8.9	8.3	7.9	7.6	7.6	7.4	7.6	7.5	7.4	7.2	7.3	7.3
Not in labor force	43,305	43,048	43,200	43,354	42,875	42,990	43,053	42,609	42,758	42,779	42,588	42,636	42,337

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

² Labor force as a percent of the noninstitutional population.

³ Total employment as a percent of the noninstitutional population.

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

Armed Forces).

NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-42 through A-53 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, and age	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Civilian noninstitutional population ¹	173,957	174,449	174,950	175,679	176,125	176,595	177,133	177,522	177,946	178,414	178,941	179,825	180,321
Civilian labor force	111,196	112,090	112,142	112,536	113,541	113,812	114,235	115,024	115,206	115,468	116,158	117,027	117,671
Percent of population	63.9	64.3	64.1	64.1	64.5	64.4	64.5	64.8	64.7	64.9	65.1	65.3	65.3
Employed	99,923	101,619	102,600	103,671	105,024	105,368	105,959	106,618	106,804	107,200	107,996	108,768	109,225
Employment-population ratio ²	57.4	58.3	58.6	59.0	59.6	59.7	59.8	60.1	60.0	60.1	60.4	60.5	60.6
Unemployed	11,273	10,471	9,541	8,865	8,517	8,444	8,276	8,406	8,402	8,268	8,162	8,259	8,446
Unemployment rate	10.1	9.3	8.5	7.9	7.5	7.4	7.2	7.3	7.3	7.2	7.0	7.1	7.2
Men, 20 years and over													
Civilian noninstitutional population ¹	74,712	75,018	75,325	75,786	76,074	76,356	76,660	76,831	77,064	77,313	77,571	78,169	78,393
Civilian labor force	58,657	58,986	59,026	59,334	59,612	59,808	59,981	60,063	60,217	60,278	60,542	61,221	61,216
Percent of population	78.5	78.6	78.4	78.3	78.4	78.3	78.2	78.2	78.1	78.0	78.0	78.3	78.1
Employed	53,084	53,864	54,427	55,189	55,684	55,951	56,234	56,305	56,439	56,597	56,909	57,516	57,421
Employment-population ratio ²	71.1	71.8	72.3	72.8	73.2	73.3	73.4	73.3	73.2	73.2	73.4	73.6	73.2
Agriculture	2,434	2,479	2,374	2,384	2,432	2,426	2,431	2,369	2,323	2,211	2,225	2,339	2,315
Nonagricultural industries	50,649	51,385	52,053	52,806	53,252	53,525	53,803	53,937	54,116	54,386	54,684	55,177	55,106
Unemployed	5,574	5,122	4,599	4,145	3,928	3,857	3,747	3,757	3,778	3,681	3,633	3,705	3,795
Unemployment rate	9.5	8.7	7.8	7.0	6.6	6.4	6.2	6.3	6.3	6.1	6.0	6.1	6.2
Not in labor force	16,055	16,032	16,299	16,452	16,462	16,548	16,679	16,768	16,847	17,035	17,029	16,948	17,177
Women, 20 years and over													
Civilian noninstitutional population ¹	83,900	84,227	84,554	84,962	85,273	85,586	85,895	86,094	86,377	86,651	86,900	87,187	87,449
Civilian labor force	44,364	44,871	45,057	45,231	45,914	46,089	46,366	46,900	47,123	47,363	47,749	47,923	48,440
Percent of population	52.9	53.3	53.3	53.2	53.8	53.9	54.0	54.5	54.6	54.7	54.9	55.0	55.4
Employed	40,586	41,364	41,761	42,072	42,839	42,980	43,280	43,744	43,947	44,210	44,716	44,829	45,331
Employment-population ratio ²	48.4	49.1	49.4	49.5	50.2	50.2	50.4	50.8	50.9	51.0	51.5	51.4	51.8
Agriculture	615	617	630	602	611	590	577	610	602	578	599	629	583
Nonagricultural industries	39,971	40,747	41,131	41,470	42,228	42,390	42,702	43,135	43,345	43,632	44,117	44,200	44,748
Unemployed	3,778	3,506	3,296	3,158	3,075	3,109	3,086	3,156	3,176	3,153	3,033	3,094	3,109
Unemployment rate	8.5	7.8	7.3	7.0	6.7	6.7	6.7	6.7	6.7	6.7	6.4	6.5	6.4
Not in labor force	39,536	39,356	39,497	39,731	39,359	39,497	39,529	39,194	39,254	39,288	39,151	39,264	39,009
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	15,345	15,205	15,071	14,931	14,778	14,653	14,577	14,597	14,506	14,450	14,470	14,469	14,479
Civilian labor force	8,174	8,233	8,059	7,971	8,015	7,915	7,888	8,061	7,866	7,828	7,867	7,883	8,015
Percent of population	53.3	54.1	53.5	53.4	54.2	54.0	54.1	55.2	54.2	54.2	54.4	54.5	55.4
Employed	6,253	6,391	6,412	6,410	6,502	6,437	6,445	6,568	6,418	6,393	6,371	6,423	6,473
Employment-population ratio ²	40.7	42.0	42.5	42.9	44.0	43.9	44.2	45.0	44.2	44.2	44.0	44.4	44.7
Agriculture	334	338	304	320	307	303	317	341	334	289	269	259	284
Nonagricultural industries	5,919	6,053	6,108	6,090	6,194	6,134	6,128	6,227	6,084	6,105	6,102	6,164	6,189
Unemployed	1,922	1,842	1,647	1,562	1,514	1,478	1,443	1,493	1,448	1,434	1,496	1,460	1,542
Unemployment rate	23.5	22.4	20.4	19.6	18.9	18.7	18.3	18.5	18.4	18.3	19.0	18.5	19.2
Not in labor force	7,171	6,972	7,012	6,960	6,763	6,738	6,689	6,536	6,640	6,622	6,603	6,586	6,464

¹ The population figures are not adjusted for seasonal variation.

² Civilian employment as a percent of the civilian noninstitutional

population.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
WHITE													
Civilian noninstitutional population ¹	150,666	150,994	151,327	152,101	152,234	152,386	152,666	153,196	153,491	153,825	154,204	154,893	155,245
Civilian labor force	96,671	97,482	97,662	97,995	98,613	98,509	98,798	99,611	99,672	99,900	100,515	101,147	101,579
Percent of population	64.2	64.6	64.5	64.4	64.8	64.6	64.7	65.0	64.9	64.9	65.2	65.3	65.4
Employed	88,142	89,583	90,471	91,342	92,256	92,261	92,622	93,357	93,392	93,706	94,487	94,975	95,331
Employment-population ratio ²	58.5	59.3	59.8	60.1	60.6	60.5	60.7	60.9	60.8	60.9	61.3	61.3	61.4
Unemployed	8,530	7,899	7,192	6,654	6,357	6,247	6,175	6,254	6,280	6,195	6,028	6,172	6,249
Unemployment rate	8.8	8.1	7.4	6.8	6.4	6.3	6.3	6.3	6.3	6.2	6.0	6.1	6.2
Men, 20 years and over													
Civilian labor force	51,649	51,916	51,996	52,270	52,441	52,462	52,577	52,734	52,857	52,871	53,109	53,605	53,575
Percent of population	78.8	79.0	78.9	78.7	78.8	78.7	78.7	78.6	78.5	78.4	78.5	78.7	78.4
Employed	47,322	47,934	48,415	49,081	49,473	49,569	49,713	49,873	49,970	50,024	50,376	50,767	50,698
Employment-population ratio ²	72.2	73.0	73.5	73.9	74.3	74.4	74.4	74.3	74.3	74.1	74.5	74.5	74.2
Unemployed	4,327	3,982	3,581	3,189	2,967	2,893	2,864	2,861	2,888	2,847	2,733	2,838	2,877
Unemployment rate	8.4	7.7	6.9	6.1	5.7	5.5	5.4	5.4	5.5	5.4	5.1	5.3	5.4
Women, 20 years and over													
Civilian labor force	37,850	38,338	38,579	38,672	39,157	39,169	39,354	39,890	40,020	40,263	40,582	40,713	41,120
Percent of population	52.2	52.7	52.9	52.7	53.3	53.2	53.3	53.8	53.9	54.0	54.3	54.4	54.8
Employed	35,102	35,792	36,200	36,380	36,900	36,902	37,110	37,575	37,695	37,967	38,386	38,417	38,864
Employment-population ratio ²	48.5	49.2	49.6	49.6	50.2	50.1	50.3	50.7	50.7	51.0	51.4	51.3	51.8
Unemployed	2,748	2,545	2,380	2,292	2,256	2,267	2,244	2,315	2,325	2,296	2,196	2,296	2,256
Unemployment rate	7.3	6.6	6.2	5.9	5.8	5.8	5.7	5.8	5.8	5.7	5.4	5.6	5.5
Both sexes, 16 to 19 years													
Civilian labor force	7,172	7,228	7,087	7,054	7,016	6,878	6,867	6,986	6,794	6,767	6,824	6,829	6,885
Percent of population	56.5	57.6	57.0	57.3	57.6	57.0	57.1	58.4	57.1	57.0	57.5	57.6	58.0
Employed	5,717	5,857	5,856	5,881	5,882	5,790	5,799	5,908	5,727	5,715	5,725	5,792	5,769
Employment-population ratio ²	45.0	46.7	47.1	47.7	48.3	48.0	48.2	49.4	48.1	48.2	48.3	48.8	48.6
Unemployed	1,455	1,371	1,231	1,173	1,133	1,088	1,068	1,078	1,067	1,052	1,098	1,038	1,116
Unemployment rate	20.3	19.0	17.4	16.6	16.2	15.8	15.5	15.4	15.7	15.5	16.1	15.2	16.2
Men	20.9	19.8	18.2	17.4	16.8	16.8	16.3	16.2	16.4	16.8	16.8	15.5	17.4
Women	19.6	18.1	16.5	15.8	15.5	14.7	14.7	14.6	14.9	14.1	15.3	14.8	14.9
BLACK													
Civilian noninstitutional population ¹	18,881	18,968	19,057	19,222	19,303	19,387	19,481	19,543	19,620	19,701	19,790	19,863	19,945
Civilian labor force	11,658	11,722	11,617	11,817	11,947	12,117	12,242	12,299	12,351	12,340	12,464	12,583	12,758
Percent of population	61.7	61.8	61.0	61.5	61.9	62.5	62.8	62.9	63.0	62.6	63.0	63.3	64.0
Employed	9,265	9,462	9,550	9,847	10,036	10,196	10,393	10,402	10,498	10,520	10,580	10,739	10,857
Employment-population ratio ²	49.1	49.9	50.1	51.2	52.0	52.6	53.3	53.2	53.5	53.4	53.5	54.1	54.4
Unemployed	2,393	2,260	2,067	1,970	1,911	1,921	1,849	1,897	1,853	1,821	1,883	1,843	1,902
Unemployment rate	20.5	19.3	17.8	16.7	16.0	15.9	15.1	15.4	15.0	14.8	15.1	14.6	14.9
Men, 20 years and over													
Civilian labor force	5,533	5,577	5,535	5,659	5,647	5,702	5,728	5,717	5,733	5,760	5,782	5,886	5,947
Percent of population	75.4	75.5	74.5	75.2	74.6	74.8	74.6	74.5	74.3	74.3	74.2	75.0	75.4
Employed	4,466	4,581	4,669	4,813	4,813	4,878	4,979	4,946	4,985	5,031	5,002	5,130	5,180
Employment-population ratio ²	60.9	62.0	62.8	63.9	63.5	64.0	64.9	64.5	64.6	64.9	64.2	65.4	65.7
Unemployed	1,067	996	866	846	834	824	749	771	748	729	781	756	766
Unemployment rate	19.3	17.9	15.6	14.9	14.8	14.5	13.1	13.5	13.1	12.7	13.5	12.8	12.9
Women, 20 years and over													
Civilian labor force	5,287	5,329	5,293	5,373	5,480	5,565	5,661	5,685	5,727	5,707	5,791	5,777	5,869
Percent of population	56.8	56.9	56.2	56.5	57.3	57.9	58.5	58.6	58.8	58.3	58.8	58.5	59.1
Employed	4,382	4,477	4,468	4,605	4,751	4,826	4,911	4,932	4,976	4,952	5,050	5,072	5,122
Employment-population ratio ²	47.1	47.8	47.4	48.4	49.7	50.2	50.8	50.9	51.1	50.5	51.3	51.4	51.6
Unemployed	905	852	826	769	729	738	751	752	751	755	740	705	747
Unemployment rate	17.1	16.0	15.6	14.3	13.3	13.3	13.3	13.2	13.1	13.2	12.8	12.2	12.7

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	838	817	789	784	820	850	853	897	891	873	891	920	943
Percent of population	37.5	36.8	35.8	35.9	37.8	39.5	39.9	41.3	41.2	40.5	41.4	43.0	44.2
Employed	417	405	414	429	473	492	503	523	537	537	528	537	554
Employment-population ratio ²	18.7	18.2	18.8	19.6	21.8	22.9	23.6	24.1	24.8	24.9	24.6	25.1	26.0
Unemployed	420	412	375	356	347	358	350	374	354	336	362	383	389
Unemployment rate	50.2	50.4	47.6	45.3	42.4	42.2	41.0	41.7	39.7	38.5	40.7	41.6	41.2
Men	51.8	52.0	44.3	45.3	41.4	41.4	42.9	42.0	39.9	39.7	42.3	41.4	40.3
Women	48.3	48.6	51.2	45.4	43.5	42.9	38.9	41.4	39.6	37.0	38.8	41.8	42.2
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	10,973	11,086	11,198	11,311	11,423	11,533	11,643	11,753	11,862	11,969	12,075	12,184	12,290
Civilian labor force	7,006	7,083	7,141	7,283	7,403	7,496	7,610	7,573	7,631	7,779	7,803	7,883	8,029
Percent of population	63.9	63.9	63.8	64.4	64.8	65.0	65.4	64.4	64.3	65.0	64.6	64.7	65.3
Employed	6,005	6,179	6,283	6,472	6,600	6,708	6,815	6,794	6,825	6,956	6,966	7,024	7,173
Employment-population ratio ²	54.7	55.7	56.1	57.2	57.8	58.2	58.5	57.8	57.5	58.1	57.7	57.7	58.4
Unemployed	1,002	904	858	811	803	788	795	778	805	823	837	859	856
Unemployment rate	14.3	12.8	12.0	11.1	10.8	10.5	10.5	10.3	10.6	10.6	10.7	10.9	10.7

¹ The population figures are not adjusted for seasonal variation.

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

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

and Hispanics are included in both the white and black population groups. Data for persons of Hispanic origin for 1980-85 have been revised to reflect new population estimates and are not comparable to previously published data.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-45. Employed and unemployed full- and part-time workers by sex, and age, seasonally adjusted

(In thousands)

Full- and part- time status, sex, and age	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
EMPLOYED													
Full-time workers	81,634	82,944	84,004	85,205	86,454	86,979	87,459	88,065	88,420	88,433	89,245	89,815	90,093
Men, 16 years and over	50,300	50,922	51,658	52,393	53,037	53,329	53,520	53,628	53,825	53,854	54,139	54,607	54,489
Men, 20 years and over	48,945	49,601	50,189	50,959	51,574	51,871	52,068	52,175	52,351	52,436	52,730	53,236	53,128
Women, 16 years and over	31,334	31,920	32,394	32,844	33,425	33,667	33,967	34,400	34,552	34,602	35,141	35,199	35,567
Women, 20 years and over	30,339	30,950	31,368	31,802	32,367	32,569	32,880	33,320	33,482	33,526	34,089	34,183	34,479
Both sexes, 16 to 19 years	2,350	2,394	2,447	2,444	2,513	2,539	2,511	2,570	2,587	2,471	2,426	2,395	2,486
Part-time workers	18,284	18,822	18,545	18,450	18,539	18,356	18,481	18,597	18,398	18,703	18,759	18,976	19,131
Men, 16 years and over	6,045	6,280	6,140	6,088	6,000	5,930	6,061	6,035	5,974	6,049	6,053	6,158	6,233
Men, 20 years and over	4,164	4,293	4,236	4,209	4,126	4,066	4,166	4,125	4,100	4,134	4,186	4,261	4,307
Women, 16 years and over	12,212	12,530	12,425	12,361	12,516	12,448	12,436	12,557	12,399	12,671	12,721	12,813	12,870
Women, 20 years and over	10,210	10,413	10,402	10,314	10,428	10,382	10,421	10,482	10,417	10,640	10,659	10,704	10,798
Both sexes, 16 to 19 years	3,910	4,116	3,906	3,927	3,985	3,908	3,893	3,990	3,881	3,930	3,914	4,011	4,026
UNEMPLOYED													
Looking for full-time work	9,526	8,868	7,990	7,368	6,997	6,949	6,861	6,891	6,810	6,783	6,674	6,758	6,859
Men, 16 years and over	5,887	5,376	4,824	4,381	4,111	4,077	3,988	3,947	3,942	3,929	3,877	3,865	3,993
Men, 20 years and over	5,283	4,846	4,344	3,894	3,670	3,617	3,505	3,528	3,518	3,447	3,411	3,488	3,541
Women, 16 years and over	3,627	3,419	3,125	3,000	2,902	2,875	2,893	2,907	2,883	2,867	2,818	2,851	2,875
Women, 20 years and over	3,155	2,952	2,729	2,626	2,532	2,537	2,532	2,565	2,566	2,553	2,463	2,516	2,544
Both sexes, 16 to 19 years	1,088	1,071	916	848	795	795	824	798	726	784	801	754	773
Looking for part-time work	1,705	1,620	1,577	1,486	1,494	1,514	1,432	1,501	1,569	1,505	1,503	1,488	1,562
Men, 16 years and over	698	677	634	625	631	587	570	580	630	584	591	565	639
Men, 20 years and over	272	276	263	252	253	237	246	231	255	234	226	219	249
Women, 16 years and over	1,003	939	935	862	870	926	857	920	944	922	909	914	932
Women, 20 years and over	612	563	578	523	537	579	564	579	608	602	580	565	562
Both sexes, 16 to 19 years	821	781	736	710	704	698	623	691	705	669	697	704	751

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

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
CHARACTERISTIC													
Total	99,923	101,619	102,600	103,671	105,024	105,368	105,959	106,618	106,804	107,200	107,996	108,768	109,225
Married men, spouse present	37,658	38,331	38,401	38,778	39,040	39,153	39,254	39,398	39,196	39,114	39,288	39,454	39,598
Married women, spouse present	24,385	24,829	24,996	25,171	25,668	25,745	25,945	26,071	26,099	26,413	26,742	26,736	27,050
Women who maintain families	4,945	5,084	5,284	5,374	5,538	5,527	5,428	5,567	5,624	5,597	5,604	5,735	5,732
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,560	1,634	1,511	1,506	1,574	1,535	1,610	1,597	1,588	1,458	1,525	1,627	1,522
Self-employed workers	1,586	1,547	1,556	1,595	1,552	1,563	1,506	1,511	1,481	1,444	1,402	1,463	1,489
Unpaid family workers	234	247	241	211	220	213	209	225	191	175	165	164	173
Nonagricultural industries:													
Wage and salary workers	88,663	90,183	91,134	92,257	93,500	93,905	94,561	95,309	95,515	95,953	96,709	97,709	98,066
Government	15,528	15,596	15,576	15,899	15,751	15,765	15,864	15,915	15,964	16,056	16,188	16,205	16,300
Private industries	73,135	74,587	75,558	76,559	77,748	78,140	78,697	79,394	79,551	79,897	80,521	81,503	81,766
Private households	1,243	1,275	1,245	1,201	1,313	1,203	1,234	1,292	1,234	1,271	1,200	1,222	1,292
Other industries	71,892	73,312	74,313	75,358	76,435	76,936	77,463	78,101	78,317	78,626	79,321	80,281	80,474
Self-employed workers	7,505	7,650	7,737	7,805	7,820	7,775	7,742	7,737	7,719	7,815	7,969	7,656	7,712
Unpaid family workers	356	366	423	338	339	324	338	331	296	282	249	261	239
PERSONS AT WORK¹													
All industries:													
Part time for economic reasons	6,264	6,203	6,016	5,846	5,745	5,658	5,717	5,559	5,703	5,610	5,489	5,486	5,813
Slack work	2,842	2,743	2,548	2,468	2,315	2,386	2,533	2,434	2,566	2,442	2,287	2,355	2,565
Could only find part-time work	3,119	3,062	3,147	3,083	3,054	2,852	2,840	2,803	2,796	2,805	2,881	2,846	2,892
Voluntary part time	12,732	13,070	13,108	13,016	13,308	13,163	13,181	13,461	13,291	13,584	13,638	13,843	13,946
Nonagricultural industries:													
Part time for economic reasons	5,984	5,921	5,764	5,635	5,483	5,425	5,500	5,304	5,410	5,347	5,277	5,245	5,538
Slack work	2,683	2,574	2,417	2,337	2,178	2,240	2,394	2,263	2,377	2,287	2,169	2,197	2,420
Could only find part-time work	3,020	2,968	3,036	2,989	2,957	2,786	2,765	2,712	2,713	2,719	2,782	2,758	2,788
Voluntary part time	12,257	12,536	12,613	12,524	12,855	12,709	12,722	12,977	12,844	13,156	13,198	13,365	13,523

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

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

(In thousands)

Sex and age	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	99,923	101,619	102,600	103,671	105,024	105,368	105,959	106,618	106,804	107,200	107,996	108,768	109,225
16 to 24 years	19,850	20,257	20,297	20,517	20,803	20,597	20,698	20,658	20,418	20,303	20,306	20,416	20,255
16 to 19 years	6,253	6,391	6,412	6,410	6,502	6,437	6,445	6,568	6,418	6,393	6,371	6,423	6,473
16 to 17 years	2,279	2,315	2,338	2,340	2,418	2,412	2,449	2,548	2,468	2,487	2,470	2,567	2,630
18 to 19 years	3,978	4,084	4,071	4,083	4,084	4,012	3,986	4,025	3,950	3,892	3,903	3,889	3,841
20 to 24 years	13,597	13,866	13,885	14,107	14,301	14,160	14,253	14,090	14,000	13,910	13,935	13,993	13,782
25 years and over	80,074	81,358	82,283	83,176	84,217	84,771	85,242	85,979	86,383	86,909	87,673	88,335	88,981
25 to 54 years	65,934	67,097	67,951	68,899	69,981	70,544	71,064	71,637	72,084	72,664	73,405	74,125	74,558
55 years and over	14,140	14,266	14,347	14,243	14,240	14,240	14,192	14,308	14,298	14,246	14,294	14,199	14,399
Men, 16 years and over	56,332	57,188	57,791	58,497	59,033	59,249	59,582	59,698	59,795	59,901	60,176	60,790	60,722
16 to 24 years	10,414	10,644	10,711	10,840	10,999	10,826	10,918	10,791	10,713	10,610	10,572	10,701	10,513
16 to 19 years	3,248	3,325	3,364	3,308	3,350	3,298	3,348	3,393	3,356	3,305	3,267	3,274	3,301
16 to 17 years	1,184	1,217	1,219	1,221	1,239	1,238	1,279	1,313	1,301	1,296	1,292	1,315	1,366
18 to 19 years	2,069	2,116	2,143	2,093	2,110	2,050	2,061	2,074	2,060	2,005	1,978	1,981	1,935
20 to 24 years	7,166	7,319	7,348	7,532	7,649	7,528	7,570	7,398	7,358	7,306	7,306	7,427	7,212
25 years and over	45,927	46,538	47,060	47,676	48,038	48,418	48,646	48,926	49,083	49,295	49,588	50,086	50,223
25 to 54 years	37,512	38,065	38,569	39,221	39,652	40,020	40,299	40,445	40,634	40,858	41,156	41,672	41,745
55 years and over	8,416	8,484	8,506	8,430	8,389	8,405	8,364	8,452	8,450	8,433	8,456	8,403	8,466
Women, 16 years and over	43,591	44,431	44,809	45,174	45,991	46,119	46,377	46,919	47,009	47,299	47,820	47,978	48,503
16 to 24 years	9,436	9,613	9,586	9,677	9,804	9,771	9,780	9,867	9,704	9,693	9,734	9,715	9,741
16 to 19 years	3,004	3,066	3,048	3,102	3,152	3,139	3,097	3,175	3,062	3,089	3,104	3,149	3,171
16 to 17 years	1,095	1,098	1,119	1,119	1,179	1,175	1,170	1,235	1,167	1,191	1,178	1,253	1,264
18 to 19 years	1,909	1,968	1,928	1,990	1,974	1,962	1,925	1,951	1,891	1,887	1,925	1,908	1,905
20 to 24 years	6,431	6,547	6,538	6,575	6,652	6,632	6,683	6,692	6,642	6,604	6,629	6,567	6,570
25 years and over	34,147	34,820	35,223	35,500	36,179	36,353	36,596	37,054	37,300	37,614	38,085	38,249	38,758
25 to 54 years	28,421	29,031	29,382	29,678	30,329	30,524	30,765	31,192	31,449	31,807	32,249	32,453	32,813
55 years and over	5,723	5,803	5,840	5,813	5,850	5,835	5,828	5,857	5,848	5,812	5,838	5,795	5,932

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Sex and age	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	11,273	10,471	9,541	8,865	8,517	8,444	8,276	8,406	8,402	8,268	8,162	8,259	8,446
16 to 24 years	4,352	4,091	3,714	3,471	3,367	3,305	3,201	3,252	3,230	3,148	3,189	3,120	3,259
16 to 19 years	1,922	1,842	1,647	1,562	1,514	1,478	1,443	1,493	1,448	1,434	1,496	1,460	1,542
16 to 17 years	802	750	687	674	647	643	620	663	664	635	686	669	693
18 to 19 years	1,121	1,080	970	886	869	825	836	827	786	792	821	789	849
20 to 24 years	2,430	2,249	2,067	1,909	1,853	1,828	1,758	1,760	1,781	1,713	1,693	1,660	1,717
25 years and over	6,930	6,375	5,823	5,396	5,157	5,137	5,067	5,155	5,179	5,126	4,960	5,139	5,197
25 to 54 years	6,094	5,627	5,079	4,723	4,492	4,490	4,397	4,551	4,558	4,505	4,362	4,529	4,652
55 years and over	831	763	726	677	666	653	652	611	629	625	577	621	560
Men, 16 years and over	6,617	6,142	5,487	4,985	4,738	4,658	4,543	4,555	4,568	4,497	4,454	4,464	4,633
16 to 24 years	2,491	2,352	2,076	1,907	1,841	1,831	1,752	1,766	1,776	1,734	1,720	1,646	1,782
16 to 19 years	1,044	1,020	888	840	810	801	796	798	790	816	821	759	837
16 to 17 years	424	412	372	359	354	345	335	358	372	356	368	357	357
18 to 19 years	623	597	522	481	460	447	468	440	420	451	459	403	482
20 to 24 years	1,447	1,332	1,188	1,067	1,031	1,030	956	968	986	919	899	887	945
25 years and over	4,120	3,793	3,411	3,078	2,893	2,830	2,790	2,791	2,785	2,770	2,730	2,818	2,848
25 to 54 years	3,589	3,316	2,935	2,655	2,502	2,422	2,378	2,432	2,433	2,406	2,360	2,457	2,519
55 years and over	538	483	460	423	402	407	393	363	370	363	351	368	347
Women, 16 years and over	4,656	4,329	4,055	3,880	3,779	3,786	3,733	3,851	3,835	3,771	3,708	3,795	3,814
16 to 24 years	1,861	1,739	1,638	1,563	1,526	1,474	1,449	1,487	1,453	1,413	1,469	1,474	1,476
16 to 19 years	878	823	759	721	704	677	647	695	658	619	675	701	705
16 to 17 years	378	338	315	315	293	298	285	305	292	279	318	311	336
18 to 19 years	498	483	448	405	409	378	368	387	365	341	362	387	368
20 to 24 years	983	917	879	842	822	798	802	792	795	795	795	773	772
25 years and over	2,810	2,582	2,412	2,318	2,264	2,307	2,277	2,364	2,394	2,356	2,230	2,320	2,349
25 to 54 years	2,505	2,311	2,144	2,068	1,990	2,068	2,018	2,119	2,125	2,099	2,003	2,071	2,133
55 years and over	293	281	266	255	264	246	259	248	259	262	226	253	213

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

(Civilian workers)

Sex and age	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	10.1	9.3	8.5	7.9	7.5	7.4	7.2	7.3	7.3	7.2	7.0	7.1	7.2
16 to 24 years	18.0	16.8	15.5	14.5	13.9	13.8	13.4	13.6	13.7	13.4	13.6	13.3	13.9
16 to 19 years	23.5	22.4	20.4	19.6	18.9	18.7	18.3	18.5	18.4	18.3	19.0	18.5	19.2
16 to 17 years	26.0	24.5	22.7	22.4	21.1	21.0	20.2	20.7	21.2	20.3	21.7	20.7	20.9
18 to 19 years	22.0	20.9	19.2	17.8	17.5	17.1	17.3	17.0	16.6	16.9	17.4	16.9	18.1
20 to 24 years	15.2	14.0	13.0	11.9	11.5	11.4	11.0	11.1	11.3	11.0	10.8	10.6	11.1
25 years and over	8.0	7.3	6.6	6.1	5.8	5.7	5.6	5.7	5.7	5.6	5.4	5.5	5.5
25 to 54 years	8.5	7.7	7.0	6.4	6.0	6.0	5.8	6.0	5.9	5.8	5.6	5.8	5.9
55 years and over	5.5	5.1	4.8	4.5	4.5	4.4	4.4	4.1	4.2	4.2	3.9	4.2	3.7
Men, 16 years and over	10.5	9.7	8.7	7.9	7.4	7.3	7.1	7.1	7.1	7.0	6.9	6.8	7.1
16 to 24 years	19.3	18.1	16.2	15.0	14.3	14.5	13.8	14.1	14.2	14.0	14.0	13.3	14.5
16 to 19 years	24.3	23.5	20.9	20.3	19.5	19.5	19.2	19.0	19.1	19.8	20.1	18.8	20.2
16 to 17 years	26.4	25.3	23.4	22.7	22.2	21.8	20.8	21.4	22.2	21.6	22.2	21.4	20.7
18 to 19 years	23.1	22.0	19.6	18.7	17.9	17.9	18.5	17.5	16.9	18.4	18.8	16.9	19.9
20 to 24 years	16.8	15.4	13.9	12.4	11.9	12.0	11.2	11.6	11.8	11.2	11.0	10.7	11.6
25 years and over	8.2	7.5	6.8	6.1	5.7	5.5	5.4	5.4	5.4	5.3	5.2	5.3	5.4
25 to 54 years	8.7	8.0	7.1	6.3	5.9	5.7	5.6	5.7	5.6	5.6	5.4	5.6	5.7
55 years and over	6.0	5.4	5.1	4.8	4.6	4.6	4.5	4.1	4.2	4.1	4.0	4.2	3.9
Women, 16 years and over	9.6	8.9	8.3	7.9	7.6	7.6	7.5	7.6	7.5	7.4	7.2	7.3	7.3
16 to 24 years	16.5	15.3	14.6	13.9	13.5	13.1	12.9	13.1	13.0	12.7	13.1	13.2	13.2
16 to 19 years	22.6	21.2	19.9	18.9	18.3	17.7	17.3	18.0	17.7	16.7	17.9	18.2	18.2
16 to 17 years	25.7	23.5	22.0	22.0	19.9	20.2	19.6	19.8	20.0	19.0	21.3	19.9	21.0
18 to 19 years	20.7	19.7	18.9	16.9	17.2	16.2	16.0	16.6	16.2	15.3	15.8	16.9	16.2
20 to 24 years	13.3	12.3	11.9	11.4	11.0	10.7	10.7	10.6	10.7	10.7	10.7	10.5	10.5
25 years and over	7.6	6.9	6.4	6.1	5.9	6.0	5.9	6.0	6.0	5.9	5.5	5.7	5.7
25 to 54 years	8.1	7.4	6.8	6.5	6.2	6.3	6.2	6.4	6.3	6.2	5.8	6.0	6.1
55 years and over	4.9	4.6	4.4	4.2	4.3	4.0	4.2	4.1	4.2	4.3	3.7	4.2	3.5

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-50. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
CHARACTERISTIC													
Total (all civilian workers)	10.1	9.3	8.5	7.9	7.5	7.4	7.2	7.3	7.3	7.2	7.0	7.1	7.2
Men, 20 years and over	9.5	8.7	7.8	7.0	6.6	6.4	6.2	6.3	6.3	6.1	6.0	6.1	6.2
Women, 20 years and over	8.5	7.8	7.3	7.0	6.7	6.7	6.7	6.7	6.7	6.7	6.4	6.5	6.4
Both sexes, 16 to 19 years	23.5	22.4	20.4	19.6	18.9	18.7	18.3	18.5	18.4	18.3	19.0	18.5	19.2
White	8.8	8.1	7.4	6.8	6.4	6.3	6.3	6.3	6.3	6.2	6.0	6.1	6.2
Black and other	18.8	17.6	16.3	15.2	14.4	14.3	13.7	14.0	13.6	13.3	13.7	13.1	13.6
Black	20.5	19.3	17.8	16.7	16.0	15.9	15.1	15.4	15.0	14.8	15.1	14.6	14.9
Hispanic origin	14.3	12.8	12.0	11.1	10.8	10.5	10.5	10.3	10.6	10.6	10.7	10.9	10.7
Married men, spouse present	7.0	6.1	5.5	4.9	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.4	4.4
Married women, spouse present	7.5	6.8	6.3	5.9	5.7	5.8	5.6	5.7	5.8	5.6	5.4	5.4	5.3
Women who maintain families	12.8	11.9	10.9	10.8	10.1	10.0	10.4	10.4	10.5	10.8	9.9	10.0	9.9
Full-time workers	10.0	9.2	8.3	7.6	7.2	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.8
Part-time workers	10.9	10.1	9.9	9.4	9.3	9.5	9.0	9.2	9.7	9.2	9.2	9.0	9.3
Unemployed 15 weeks and over ¹	4.0	3.7	3.1	2.7	2.5	2.3	2.1	2.0	2.0	2.0	1.9	1.9	1.9
Labor force time lost ²	11.4	10.5	9.8	9.0	8.6	8.4	8.3	8.2	8.2	8.1	7.9	8.0	8.2
INDUSTRY													
Nonagricultural private wage and salary workers	10.4	9.5	8.6	7.8	7.4	7.4	7.2	7.3	7.3	7.2	7.0	7.0	7.2
Mining	19.7	16.4	12.2	11.3	8.7	9.0	10.8	10.6	9.6	9.2	8.5	10.1	14.7
Construction	19.7	17.8	15.7	14.6	14.9	14.1	13.7	13.4	12.6	13.4	13.2	13.0	12.5
Manufacturing	12.2	10.6	8.9	7.9	7.4	7.4	7.3	7.6	7.8	7.8	7.5	7.2	7.2
Durable goods	13.2	11.3	9.2	7.8	7.2	6.8	7.1	7.3	7.8	7.8	7.4	7.1	7.1
Nondurable goods	10.7	9.6	8.6	7.9	7.6	8.2	7.6	8.0	7.8	7.8	7.6	7.3	7.3
Transportation and public utilities	7.7	7.2	6.7	5.5	5.5	5.9	5.2	5.0	5.3	5.2	5.1	5.2	5.5
Wholesale and retail trade	10.3	9.7	9.2	8.3	8.0	7.8	7.6	7.6	7.6	7.7	7.6	7.5	8.0
Finance and service industries	7.4	7.1	6.7	6.3	5.7	5.8	5.8	5.8	5.8	5.5	5.4	5.6	5.6
Agricultural wage and salary workers	17.3	15.3	15.6	14.7	13.2	13.7	12.4	13.9	12.5	13.8	12.0	12.3	14.1

¹ Unemployment as a percent of the civilian labor force.

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

NOTE: Data for persons of Hispanic origin for 1980-85 have been revised to reflect new population estimates and are not comparable to previously published data.

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

(Numbers in thousands)

Weeks of unemployment	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
DURATION													
Less than 5 weeks	3,600	3,611	3,423	3,325	3,284	3,418	3,388	3,561	3,534	3,477	3,423	3,487	3,572
5 to 14 weeks	3,019	2,871	2,827	2,516	2,393	2,464	2,421	2,505	2,549	2,509	2,481	2,588	2,710
15 weeks and over	4,471	4,098	3,511	3,032	2,782	2,616	2,445	2,353	2,325	2,303	2,223	2,218	2,221
15 to 26 weeks	1,698	1,569	1,330	1,154	1,116	1,089	1,019	1,019	1,042	1,053	975	1,072	1,036
27 weeks and over	2,773	2,529	2,181	1,878	1,667	1,527	1,426	1,334	1,283	1,250	1,249	1,146	1,185
Average (mean) duration, in weeks	20.2	20.6	19.8	19.5	18.4	17.6	17.0	15.9	15.5	15.5	15.5	14.9	14.6
Median duration, in weeks	11.5	9.6	9.1	8.6	8.3	7.5	7.2	7.0	6.8	7.1	6.9	6.8	6.8
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	32.5	34.1	35.8	37.5	38.8	40.2	41.0	42.3	42.0	41.9	42.1	42.2	42.0
5 to 14 weeks	27.2	27.1	27.5	28.4	28.3	29.0	29.3	29.8	30.3	30.3	30.5	31.0	31.9
15 weeks and over	40.3	38.7	36.7	34.2	32.9	30.8	29.6	28.0	27.7	27.8	27.4	26.6	26.1
15 to 26 weeks	15.3	14.8	13.9	13.0	13.2	12.8	12.3	12.1	12.4	12.7	12.0	13.0	12.2
27 weeks and over	25.0	23.9	22.8	21.2	19.7	18.0	17.3	15.8	15.3	15.1	15.4	13.8	13.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Reasons for unemployment	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
NUMBER OF UNEMPLOYED													
Job losers	6,749	6,057	5,266	4,721	4,417	4,269	4,209	4,228	4,130	4,164	4,018	4,062	4,227
On layoff	1,921	1,646	1,351	1,244	1,153	1,153	1,110	1,191	1,128	1,138	1,156	1,160	1,075
Other job losers	4,828	4,411	3,914	3,477	3,264	3,116	3,099	3,037	3,002	3,026	2,862	2,902	3,151
Job leavers	815	796	850	792	805	842	849	869	902	874	865	1,000	1,033
Reentrants	2,439	2,419	2,277	2,183	2,141	2,230	2,193	2,260	2,298	2,237	2,229	2,185	2,157
New entrants	1,288	1,229	1,155	1,164	1,157	1,087	1,034	1,058	1,070	986	1,044	1,041	1,060
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	59.8	57.7	55.1	53.3	51.8	50.6	50.8	50.2	49.2	50.4	49.3	49.0	49.9
On layoff	17.0	15.7	14.2	14.0	13.5	13.7	13.4	14.2	13.4	13.8	14.2	14.0	12.7
Other job losers	42.8	42.0	41.0	39.2	38.3	37.0	37.4	36.1	35.7	36.6	35.1	35.0	37.2
Job leavers	7.2	7.6	8.9	8.9	9.4	10.0	10.2	10.3	10.7	10.6	10.6	12.1	12.2
Reentrants	21.6	23.0	23.9	24.6	25.1	26.5	26.5	26.9	27.4	27.1	27.3	26.4	25.4
New entrants	11.4	11.7	12.1	13.1	13.6	12.9	12.5	12.6	12.7	11.9	12.8	12.6	12.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	6.1	5.4	4.7	4.2	3.9	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.6
Job leavers .....	.7	.7	.8	.7	.7	.7	.7	.8	.8	.8	.7	.9	.9
Reentrants	2.2	2.2	2.0	1.9	1.9	2.0	1.9	2.0	2.0	1.9	1.9	1.9	1.8
New entrants	1.2	1.1	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason, sex, and race	1983			1984				1985				1986	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Total not in labor force	62,761	62,359	62,808	63,143	62,584	62,783	62,898	62,498	62,740	62,946	62,783	62,798	62,650
Do not want a job now	56,033	55,758	56,525	56,812	56,478	57,216	56,761	56,803	56,927	56,788	56,721	57,254	56,931
Current activity:													
Going to school	6,513	6,362	6,548	6,662	6,503	6,882	6,351	6,283	6,260	6,266	6,314	6,241	6,589
Ill, disabled	4,021	3,846	3,874	4,021	4,088	4,068	3,811	4,047	3,836	3,862	3,923	4,206	4,047
Keeping house	28,326	28,312	28,455	28,466	27,912	27,992	27,853	27,424	27,298	26,999	26,822	26,813	26,528
Retired	12,977	12,963	13,169	13,448	13,656	13,701	14,304	14,304	14,688	15,156	15,299	15,069	15,298
Other activity	4,196	4,274	4,479	4,215	4,319	4,573	4,442	4,744	4,845	4,505	4,362	4,926	4,468
Want a job now	6,534	6,713	6,231	6,236	6,006	5,932	6,082	5,853	5,791	6,040	6,023	5,794	5,880
Reason not looking:													
School attendance	1,504	1,764	1,529	1,549	1,612	1,500	1,475	1,464	1,444	1,447	1,473	1,439	1,365
Ill health, disability	707	829	807	744	821	813	816	762	813	786	851	836	911
Home responsibilities	1,459	1,431	1,368	1,499	1,222	1,416	1,365	1,251	1,263	1,355	1,391	1,394	1,306
Think cannot get a job	1,717	1,627	1,443	1,337	1,284	1,225	1,292	1,239	1,151	1,246	1,187	1,097	1,101
Job-market factors	1,319	1,196	1,040	938	939	875	930	857	813	824	794	764	753
Personal factors	398	430	403	399	344	350	363	382	338	422	392	333	347
Other reasons ¹	1,148	1,061	1,083	1,106	1,067	978	1,134	1,137	1,120	1,206	1,121	1,027	1,197
Men													
Total not in labor force	19,457	19,312	19,608	19,789	19,709	19,794	19,845	19,889	19,982	20,166	20,195	20,164	20,313
Do not want a job now	17,273	16,987	17,496	17,644	17,676	17,872	17,772	18,058	18,025	18,053	18,105	18,350	18,535
Want a job now	2,174	2,350	2,130	2,073	2,031	1,930	2,004	1,932	2,002	2,010	2,022	1,942	1,957
Reason not looking:													
School attendance	775	1,014	818	824	794	739	733	704	721	694	695	741	659
Ill health, disability	323	370	356	354	373	385	384	349	363	363	400	350	496
Think cannot get a job	667	618	604	495	497	471	502	496	504	492	525	428	386
Other reasons ¹	409	348	352	400	367	335	386	363	414	461	403	424	416
Women													
Total not in labor force	43,305	43,048	43,200	43,354	42,875	42,990	43,053	42,609	42,758	42,779	42,588	42,636	42,337
Do not want a job now	38,760	38,771	39,030	39,167	38,802	39,344	38,989	38,744	38,902	38,735	38,616	38,904	38,396
Want a job now	4,360	4,363	4,101	4,163	3,975	4,002	4,078	3,921	3,788	4,029	4,001	3,852	3,923
Reason not looking:													
School attendance	729	750	711	726	819	761	742	761	723	753	778	699	706
Ill health, disability	384	459	451	390	448	428	432	414	449	423	452	487	415
Home responsibilities	1,459	1,431	1,368	1,499	1,222	1,416	1,365	1,251	1,263	1,355	1,391	1,394	1,306
Think cannot get a job	1,050	1,009	839	842	787	754	791	742	647	754	662	670	715
Other reasons ¹	738	713	731	706	700	643	748	754	706	745	719	603	782
White													
Total not in labor force	53,995	53,512	53,665	54,106	53,621	53,877	53,868	53,585	53,819	53,925	53,689	53,746	53,666
Do not want a job now	49,136	48,835	49,194	49,626	49,319	49,562	49,529	49,260	49,613	49,384	49,344	49,542	49,365
Want a job now	4,850	4,722	4,543	4,443	4,273	4,262	4,379	4,340	4,266	4,507	4,400	4,247	4,381
Reason not looking:													
School attendance	1,108	1,158	1,093	1,083	1,108	1,075	1,044	1,051	996	1,110	1,053	996	960
Ill health, disability	519	614	605	556	563	592	589	548	560	594	601	624	621
Home responsibilities	1,080	1,034	1,009	1,083	901	1,023	1,038	957	1,027	991	1,028	1,039	1,060
Think cannot get a job	1,238	1,068	989	888	820	791	788	861	752	815	814	736	725
Other reasons ¹	906	847	848	833	881	781	920	923	932	998	903	852	1,015
Black													
Total not in labor force	7,223	7,246	7,440	7,405	7,356	7,270	7,239	7,244	7,269	7,361	7,326	7,280	7,187
Do not want a job now	5,713	5,517	5,965	5,855	5,840	5,789	5,748	5,904	5,906	5,977	5,925	5,953	5,905
Want a job now	1,511	1,693	1,510	1,600	1,501	1,453	1,507	1,361	1,353	1,332	1,428	1,371	1,282
Reason not looking:													
School attendance	324	482	409	419	412	354	370	389	382	318	344	411	323
Ill health, disability	167	208	180	175	215	221	211	202	214	198	239	198	225
Home responsibilities	359	343	314	347	295	331	289	252	260	294	308	286	269
Think cannot get a job	432	488	429	411	405	368	472	351	342	347	358	325	286
Other reasons ¹	228	171	177	248	174	180	164	167	155	176	180	151	180

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason and sex	Total		Age							
	II 1985	II 1986	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986
TOTAL										
Total not in labor force	62,684	62,601	6,466	6,290	4,419	4,175	21,741	21,626	30,058	30,508
Do not want a job now	56,614	56,530	4,747	4,785	3,333	3,133	19,039	18,650	29,498	29,965
Current activity:										
Going to school	5,589	5,834	3,536	3,817	1,326	1,267	716	730	13	23
Ill, disabled	3,961	4,181	26	24	95	117	1,887	1,948	1,953	2,092
Keeping house	27,527	26,745	386	332	1,373	1,331	13,461	12,930	12,307	12,151
Retired	14,775	15,396	-	-	-	-	378	348	14,398	15,050
Other activity	4,761	4,373	799	612	539	418	2,597	2,694	827	650
Want a job now	6,069	6,072	1,716	1,506	1,087	1,040	2,701	2,977	561	544
Reason for not looking:										
School attendance	1,905	1,776	1,303	1,110	374	377	223	281	5	6
Ill health, disability	777	859	11	16	56	71	531	592	179	179
Home responsibilities	1,212	1,250	61	81	288	249	825	894	38	26
Think cannot get a job	1,108	1,041	156	116	163	135	583	638	205	151
Job-market factors	794	734	110	86	120	99	446	484	117	64
Personal factors	313	308	46	29	42	35	136	155	88	87
Other reasons ¹	1,065	1,145	185	183	206	208	539	572	134	182
Men										
Total not in labor force	19,818	20,162	2,995	2,996	1,421	1,367	3,877	4,072	11,525	11,727
Do not want a job now	17,581	18,010	2,128	2,270	1,042	984	3,141	3,287	11,276	11,470
Current activity:										
Going to school	2,742	2,985	1,706	1,913	721	723	314	344	4	5
Ill, disabled	2,055	2,213	9	19	54	56	1,063	1,166	932	973
Keeping house	396	351	32	15	14	12	127	102	224	222
Retired	9,844	10,098	-	-	-	-	301	282	9,543	9,815
Other activity	2,543	2,364	381	323	253	193	1,336	1,393	573	455
Want a job now	2,237	2,153	868	725	379	383	736	784	249	256
Reason for not looking:										
School attendance	957	865	680	563	204	191	68	110	3	1
Ill health, disability	334	452	7	15	18	35	246	304	62	97
Think cannot get a job	514	389	86	64	82	56	235	199	110	68
Other reasons ¹	431	447	95	83	75	101	187	171	74	90
Women										
Total not in labor force	42,866	42,439	3,471	3,294	2,998	2,809	17,864	17,554	18,533	18,783
Do not want a job now	39,033	38,520	2,621	2,513	2,290	2,150	15,899	15,362	18,222	18,494
Current activity:										
Going to school	2,847	2,849	1,830	1,903	605	542	403	386	8	18
Ill, disabled	1,906	1,968	16	6	41	62	824	783	1,023	1,119
Keeping house	27,131	26,394	356	315	1,358	1,321	13,336	12,827	12,063	11,930
Retired	4,931	5,298	-	-	-	-	77	65	4,854	5,233
Other activity	2,218	2,010	419	289	286	225	1,259	1,301	254	194
Want a job now	3,833	3,919	850	780	707	657	1,964	2,193	312	287
Reason not looking:										
School attendance	948	911	623	548	170	187	154	171	2	5
Ill health, disability	443	407	5	-	38	35	285	288	116	82
Home responsibilities	1,212	1,250	61	81	288	249	825	894	38	26
Think cannot get a job	594	652	71	52	80	79	347	439	96	83
Other reasons	635	699	90	99	131	107	353	401	60	91

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason, race, and Hispanic origin	Total		Age						Sex			
	|| 1985	|| 1986	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			|| 1985	|| 1986	|| 1985	|| 1986	|| 1985	|| 1986	|| 1985	|| 1986	|| 1985	|| 1986
WHITE												
Total not in labor force	53,725	53,584	8,367	8,068	18,297	18,180	27,061	27,336	16,661	17,016	37,065	36,568
Do not want a job now	49,336	49,106	6,386	6,207	16,338	15,986	26,609	26,916	15,042	15,392	34,292	33,712
Current activity:												
Going to school	4,326	4,469	3,799	3,926	515	527	11	16	2,128	2,298	2,198	2,171
Ill, disabled	3,180	3,300	98	103	1,492	1,506	1,589	1,694	1,661	1,792	1,519	1,508
Keeping house	24,634	23,919	1,468	1,410	11,930	11,439	11,237	11,071	305	299	24,329	23,620
Retired	13,369	13,836	-	-	345	303	13,025	13,533	8,946	9,101	4,423	4,735
Other activity	3,825	3,581	1,021	768	2,056	2,211	747	602	2,002	1,902	1,823	1,679
Want a job now	4,389	4,478	1,979	1,864	1,960	2,195	450	422	1,618	1,624	2,773	2,854
Reason for not looking:												
School attendance	1,354	1,300	1,202	1,103	148	192	5	6	708	647	646	653
Ill health, disability	545	605	39	57	376	425	130	123	244	340	301	265
Home responsibilities	905	931	237	230	635	679	33	22	-	-	905	931
Think cannot get a job	727	703	195	150	377	442	154	112	332	257	395	446
Other reasons ¹	859	939	306	324	424	457	128	159	334	380	526	559
BLACK												
Total not in labor force	7,273	7,187	2,049	1,902	2,680	2,621	2,544	2,663	2,562	2,490	4,711	4,697
Do not want a job now	5,828	5,829	1,326	1,292	2,047	1,960	2,457	2,577	2,055	2,066	3,773	3,761
Current activity:												
Going to school	917	941	797	834	120	103	-	5	430	443	487	498
Ill, disabled	682	798	21	37	352	405	311	354	337	382	345	414
Keeping house	2,262	2,183	256	202	1,089	1,051	917	931	84	43	2,178	2,140
Retired	1,182	1,282	-	-	30	35	1,152	1,247	747	830	435	452
Other activity	785	625	252	219	456	366	77	40	457	368	328	257
Want a job now	1,444	1,358	724	608	635	662	87	86	506	423	938	935
Reason for not looking:												
School attendance	480	400	415	337	65	61	-	-	211	169	269	231
Ill health, disability	219	229	25	29	146	156	47	46	82	97	137	133
Home responsibilities	277	285	105	90	167	191	5	3	-	-	277	285
Think cannot get a job	315	264	110	92	178	148	28	24	143	98	172	166
Other reasons ¹	153	180	69	60	79	106	7	13	70	59	83	120
HISPANIC ORIGIN												
Total not in labor force	4,244	4,283	1,260	1,198	1,971	1,992	1,012	1,092	1,145	1,153	3,098	3,130
Do not want a job now	(²)	3,722	(²)	956	(²)	1,682	(²)	1,082	(²)	986	(²)	2,736
Current activity:												
Going to school	(²)	583	(²)	537	(²)	46	(²)	-	(²)	268	(²)	315
Ill, disabled	(²)	295	(²)	13	(²)	177	(²)	104	(²)	190	(²)	104
Keeping house	(²)	2,054	(²)	327	(²)	1,269	(²)	457	(²)	24	(²)	2,030
Retired	(²)	509	(²)	-	(²)	14	(²)	495	(²)	332	(²)	178
Other activity	(²)	281	(²)	79	(²)	176	(²)	26	(²)	172	(²)	109
Want a job now	(²)	560	(²)	242	(²)	310	(²)	10	(²)	168	(²)	393
Reason for not looking:												
School attendance	(²)	135	(²)	109	(²)	26	(²)	-	(²)	67	(²)	68
Ill health, disability	(²)	38	(²)	2	(²)	30	(²)	7	(²)	23	(²)	16
Home responsibilities	(²)	170	(²)	49	(²)	121	(²)	-	(²)	-	(²)	170
Think cannot get a job	(²)	101	(²)	30	(²)	72	(²)	-	(²)	40	(²)	61
Other reasons ¹	(²)	116	(²)	52	(²)	61	(²)	3	(²)	38	(²)	78

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

² Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised not-in-labor-

force data by reason are not available for 1985.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason and sex	2nd Quarter 1986							
	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 ¹
TOTAL								
Personal factors:								
Employers think too young or old	103	3	2	17	80	81	7	3
Lacks education or training	146	18	32	92	2	94	38	12
Other personal handicap	59	8	1	46	5	45	12	8
Job-market factors:								
Could not find work	412	63	63	259	26	237	144	41
Thinks no job available	322	23	36	225	38	247	63	36
Men								
Personal factors:								
Employers think too young or old	50	1	2	9	39	33	4	-
Lacks education or training	34	6	9	19	-	19	12	-
Other personal handicap	19	6	1	12	-	11	8	4
Job-market factors:								
Could not find work	161	34	31	89	9	100	49	18
Thinks no job available	124	17	14	72	22	94	26	18
Women								
Personal factors:								
Employers think too young or old	52	3	-	8	41	48	3	3
Lacks education or training	111	12	24	73	2	75	26	12
Other personal handicap	40	2	-	33	5	34	4	3
Job-market factors:								
Could not find work	251	28	33	171	17	137	96	24
Thinks no job available	198	6	22	152	16	153	37	19

¹ Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates and are not comparable to previously published data.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Work-seeking intentions, work history, and sex	Total		Age						Race			
	II 1985	II 1986	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986
TOTAL												
Do not intend to seek work	53,836	53,840	6,203	6,129	18,061	17,690	29,570	30,020	46,870	46,765	5,624	5,614
Intend to seek work in the next 12 months	8,847	8,760	4,681	4,335	3,679	3,936	488	489	6,854	6,817	1,649	1,573
Never worked	1,953	1,744	1,804	1,572	146	160	3	12	1,291	1,160	533	481
Last worked over 5 years ago	1,141	1,202	82	66	928	983	131	153	815	909	290	253
Last worked 1 to 5 years ago	1,964	1,906	584	511	1,207	1,226	174	171	1,534	1,450	370	370
Worked during previous 12 months	3,789	3,907	2,212	2,186	1,397	1,567	180	154	3,216	3,298	455	470
Men												
Do not intend to seek work	16,678	17,018	2,377	2,437	3,016	3,103	11,286	11,478	14,283	14,561	1,964	1,958
Intend to seek work in the next 12 months	3,140	3,143	2,038	1,926	861	970	240	248	2,377	2,454	598	532
Never worked	883	733	842	711	38	21	3	-	584	492	235	192
Last worked over 5 years ago	212	248	25	15	154	144	33	90	117	174	74	61
Last worked 1 to 5 years ago	564	547	166	153	303	305	94	89	435	417	104	96
Worked during previous 12 months	1,481	1,615	1,005	1,049	366	497	109	70	1,242	1,371	185	184
Women												
Do not intend to seek work	37,159	36,822	3,828	3,693	15,047	14,586	18,285	18,542	32,587	32,204	3,660	3,657
Intend to seek work in the next 12 months	5,707	5,617	2,641	2,409	2,817	2,966	248	241	4,477	4,363	1,051	1,040
Never worked	1,070	1,011	961	861	110	139	-	12	707	668	298	289
Last worked over 5 years ago	929	954	57	52	774	838	97	65	698	735	216	192
Last worked 1 to 5 years ago	1,400	1,359	418	358	904	919	79	82	1,099	1,033	266	273
Worked during previous 12 months	2,308	2,291	1,207	1,138	1,030	1,069	71	83	1,974	1,927	270	286

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin ¹	
	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986
TOTAL								
Civilian noninstitutional population	177,946	180,321	153,491	155,245	19,620	19,945	11,862	12,290
Civilian labor force	115,262	117,720	99,766	101,661	12,347	12,423	7,619	8,007
Percent of population	64.8	65.3	65.0	65.5	62.9	64.0	64.2	65.2
Employed	106,958	109,371	93,574	95,499	10,486	10,848	6,839	7,180
Agriculture	3,446	3,373	3,187	3,145	195	170	353	330
Nonagricultural industries	103,511	105,998	90,387	92,354	10,291	10,678	6,486	6,850
Unemployed	8,305	8,349	6,192	6,162	1,861	1,909	780	827
Unemployment rate	7.2	7.1	6.2	6.1	15.1	15.0	10.2	10.3
Not in labor force	62,684	62,601	53,725	53,584	7,273	7,187	4,244	4,283
Men, 16 years and over								
Civilian noninstitutional population	84,345	85,668	73,282	74,297	8,770	8,937	5,858	6,078
Civilian labor force	64,527	65,506	56,621	57,281	6,208	6,233	4,713	4,925
Percent of population	76.5	76.5	77.3	77.1	70.8	72.1	80.5	81.0
Employed	60,019	60,938	53,208	53,855	5,260	5,468	4,247	4,428
Agriculture	2,740	2,699	2,521	2,508	169	146	302	283
Nonagricultural industries	57,279	58,239	50,687	51,346	5,091	5,322	3,944	4,144
Unemployed	4,508	4,568	3,413	3,426	948	978	466	497
Unemployment rate	7.0	7.0	6.0	6.0	15.3	15.2	9.9	10.1
Not in labor force	19,818	20,162	16,661	17,016	2,562	2,490	1,145	1,153
Men, 20 years and over								
Civilian noninstitutional population	77,064	78,393	67,296	68,319	7,711	7,888	5,205	5,423
Civilian labor force	60,240	61,227	52,904	53,606	5,733	5,945	4,383	4,589
Percent of population	78.2	78.1	78.6	78.5	74.3	75.4	84.2	84.6
Employed	56,536	57,509	50,082	50,799	4,974	5,168	3,987	4,172
Agriculture	2,407	2,403	2,205	2,225	155	139	273	251
Nonagricultural industries	54,129	55,106	47,877	48,575	4,819	5,029	3,714	3,920
Unemployed	3,705	3,718	2,822	2,807	758	777	396	418
Unemployment rate	6.2	6.1	5.3	5.2	13.2	13.1	9.0	9.1
Not in labor force	16,823	17,166	14,392	14,713	1,978	1,942	822	834
Women, 16 years and over								
Civilian noninstitutional population	93,602	94,653	80,210	80,948	10,850	11,009	6,003	6,212
Civilian labor force	50,736	52,214	43,145	44,380	6,139	6,312	2,905	3,083
Percent of population	54.2	55.2	53.8	54.8	56.6	57.3	48.4	49.6
Employed	46,939	48,433	40,366	41,645	5,226	5,380	2,592	2,753
Agriculture	706	674	666	636	26	24	52	47
Nonagricultural industries	46,232	47,759	39,700	41,008	5,200	5,356	2,541	2,706
Unemployed	3,797	3,781	2,779	2,735	913	931	313	330
Unemployment rate	7.5	7.2	6.4	6.2	14.9	14.8	10.8	10.7
Not in labor force	42,866	42,439	37,065	36,568	4,711	4,697	3,098	3,130
Women, 20 years and over								
Civilian noninstitutional population	86,377	87,449	74,294	75,049	9,747	9,922	5,360	5,566
Civilian labor force	46,982	48,304	39,899	40,998	5,713	5,857	2,687	2,846
Percent of population	54.4	55.2	53.7	54.6	58.6	59.0	50.1	51.1
Employed	43,902	45,287	37,646	38,810	4,976	5,125	2,420	2,573
Agriculture	646	630	608	592	24	24	43	45
Nonagricultural industries	43,256	44,657	37,039	38,218	4,952	5,102	2,377	2,528
Unemployed	3,080	3,017	2,252	2,188	737	732	267	274
Unemployment rate	6.6	6.2	5.6	5.3	12.9	12.5	9.9	9.6
Not in labor force	39,395	39,145	34,395	34,051	4,035	4,065	2,673	2,720
Both sexes, 16 to 19 years								
Civilian noninstitutional population	14,506	14,479	11,902	11,877	2,162	2,135	1,297	1,301
Civilian labor force	8,040	8,189	6,963	7,056	902	955	549	572
Percent of population	55.4	56.6	58.5	59.4	41.7	44.7	42.3	44.0
Employed	6,520	6,575	5,845	5,889	536	555	432	436
Agriculture	393	341	374	328	16	7	37	35
Nonagricultural industries	6,127	6,234	5,471	5,562	519	547	394	402
Unemployed	1,520	1,614	1,118	1,167	366	401	117	136
Unemployment rate	18.9	19.7	16.1	16.5	40.6	41.9	21.3	23.7
Not in labor force	6,466	6,290	4,938	4,821	1,260	1,179	749	728

¹ Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1985 have been revised and are not comparable to previously published data.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986
TOTAL								
Civilian noninstitutional population	11,862	12,290	(²)	7,394	(²)	1,436	(²)	862
Civilian labor force	7,619	8,007	(²)	4,898	(²)	792	(²)	568
Percent of population	64.2	65.2	(²)	66.2	(²)	55.2	(²)	65.9
Employed	6,839	7,180	4,122	4,361	778	686	518	533
Agriculture	353	330	(²)	292	(²)	14	(²)	4
Nonagricultural industries	6,486	6,850	(²)	4,069	(²)	672	(²)	528
Unemployed	780	827	(²)	537	(²)	106	(²)	35
Unemployment rate	10.2	10.3	(²)	11.0	(²)	13.4	(²)	6.2
Not in labor force	4,244	4,283	(²)	2,496	(²)	644	(²)	294
Men, 16 years and over								
Civilian noninstitutional population	5,858	6,078	(²)	3,742	(²)	642	(²)	438
Civilian labor force	4,713	4,925	(²)	3,085	(²)	488	(²)	338
Percent of population	80.5	81.0	(²)	82.4	(²)	76.0	(²)	77.2
Employed	4,247	4,428	2,650	2,749	464	430	309	317
Agriculture	302	283	(²)	253	(²)	10	(²)	4
Nonagricultural industries	3,944	4,144	(²)	2,496	(²)	420	(²)	312
Unemployed	466	497	(²)	336	(²)	57	(²)	21
Unemployment rate	9.9	10.1	(²)	10.9	(²)	11.7	(²)	6.3
Not in labor force	1,145	1,153	(²)	658	(²)	154	(²)	100
Men, 20 years and over								
Civilian noninstitutional population	5,205	5,423	(²)	3,299	(²)	572	(²)	413
Civilian labor force	4,383	4,589	(²)	2,842	(²)	459	(²)	323
Percent of population	84.2	84.6	(²)	86.1	(²)	80.2	(²)	78.2
Employed	3,987	4,172	(²)	2,559	(²)	411	(²)	306
Agriculture	273	251	(²)	220	(²)	10	(²)	4
Nonagricultural industries	3,714	3,920	(²)	2,339	(²)	401	(²)	301
Unemployed	396	418	(²)	283	(²)	48	(²)	17
Unemployment rate	9.0	9.1	(²)	9.9	(²)	10.4	(²)	5.3
Not in labor force	822	834	(²)	457	(²)	112	(²)	90
Women, 16 years and over								
Civilian noninstitutional population	6,003	6,212	(²)	3,652	(²)	794	(²)	424
Civilian labor force	2,905	3,083	(²)	1,813	(²)	304	(²)	230
Percent of population	48.4	49.6	(²)	49.6	(²)	38.3	(²)	54.2
Employed	2,592	2,753	1,472	1,612	314	256	209	216
Agriculture	52	47	(²)	40	(²)	4	(²)	-
Nonagricultural industries	2,541	2,706	(²)	1,573	(²)	252	(²)	216
Unemployed	313	330	(²)	201	(²)	49	(²)	14
Unemployment rate	10.8	10.7	(²)	11.1	(²)	16.0	(²)	6.1
Not in labor force	3,098	3,130	(²)	1,838	(²)	490	(²)	194
Women, 20 years and over								
Civilian noninstitutional population	5,360	5,566	(²)	3,223	(²)	714	(²)	402
Civilian labor force	2,687	2,846	(²)	1,642	(²)	283	(²)	221
Percent of population	50.1	51.1	(²)	50.9	(²)	39.6	(²)	55.0
Employed	2,420	2,573	(²)	1,480	(²)	242	(²)	210
Agriculture	43	45	(²)	37	(²)	4	(²)	-
Nonagricultural industries	2,377	2,528	(²)	1,443	(²)	238	(²)	210
Unemployed	267	274	(²)	162	(²)	41	(²)	11
Unemployment rate	9.9	9.6	(²)	9.9	(²)	14.6	(²)	5.1
Not in labor force	2,673	2,720	(²)	1,581	(²)	431	(²)	180
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,297	1,301	(²)	872	(²)	150	(²)	47
Civilian labor force	549	572	(²)	413	(²)	50	(²)	24
Percent of population	42.3	44.0	(²)	47.4	(²)	33.3	(²)	(²)
Employed	432	436	(²)	322	(²)	33	(²)	17
Agriculture	37	35	(²)	34	(²)	-	(²)	-
Nonagricultural industries	394	402	(²)	287	(²)	33	(²)	17
Unemployed	117	136	(²)	92	(²)	17	(²)	7
Unemployment rate	21.3	23.7	(²)	22.2	(²)	(²)	(²)	(²)
Not in labor force	749	728	(²)	459	(²)	101	(²)	23

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

² Beginning in January 1986, data for persons of Hispanic origin have

been revised to reflect new population estimates. Revised data for these categories are not available.

³ Data not shown where base is less than 60,000.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	Total		White		Black		Hispanic origin ¹	
	1985	1986	1985	1986	1985	1986	1985	1986
CHARACTERISTIC								
Total (all civilian workers)	106,958	109,371	93,574	95,499	10,486	10,848	6,839	7,180
Men	60,019	60,938	53,208	53,855	5,260	5,468	4,247	4,428
Women	46,939	48,433	40,366	41,645	5,226	5,380	2,592	2,753
OCCUPATION								
Managerial and professional specialty	25,723	26,396	23,481	23,981	1,507	1,593	883	929
Executive, administrative, and managerial	12,135	12,562	11,192	11,558	653	664	443	473
Professional specialty	13,588	13,834	12,289	12,422	854	929	440	456
Technical, sales, and administrative support	32,951	34,043	29,290	30,226	2,779	2,943	1,642	1,762
Technicians and related support	3,146	3,266	2,718	2,868	299	272	137	136
Sales occupations	12,634	13,191	11,659	12,126	680	767	536	615
Administrative support, including clerical	17,171	17,586	14,912	15,232	1,800	1,904	969	1,010
Service occupations	14,306	14,570	11,236	11,665	2,570	2,421	1,165	1,322
Private household	987	1,014	679	755	287	234	95	145
Protective service	1,677	1,788	1,393	1,493	245	260	104	107
Service, except private household and protective	11,642	11,767	9,165	9,417	2,038	1,927	965	1,070
Precision production, craft, and repair	13,358	13,342	12,106	12,024	949	1,028	1,013	1,033
Mechanics and repairers	4,450	4,364	4,010	3,935	338	342	296	283
Construction trades	4,711	4,934	4,340	4,517	301	338	325	379
Other precision production, craft, and repair	4,196	4,044	3,756	3,573	310	348	391	371
Operators, fabricators, and laborers	16,814	17,259	14,011	14,149	2,405	2,629	1,729	1,766
Machine operators, assemblers, and inspectors	7,786	7,938	6,513	6,455	1,048	1,205	937	926
Transportation and material moving occupations	4,620	4,618	3,919	3,906	635	633	319	348
Handlers, equipment cleaners, helpers, and laborers	4,408	4,703	3,579	3,788	723	791	473	493
Construction laborers	668	747	540	618	116	116	91	96
Other handlers, equipment cleaners, helpers, and laborers	3,741	3,956	3,039	3,170	606	675	381	397
Farming, forestry, and fishing	3,806	3,762	3,449	3,454	276	235	407	368
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,724	1,659	1,531	1,495	159	133	312	293
Self-employed workers	1,516	1,524	1,455	1,466	34	34	41	36
Unpaid family workers	206	190	201	184	2	4	1	1
Nonagricultural industries:								
Wage and salary workers	95,482	98,040	82,916	84,987	9,958	10,322	6,131	6,456
Government	15,990	16,326	13,235	13,363	2,283	2,459	864	883
Private industries	79,492	81,714	69,681	71,624	7,675	7,862	5,265	5,573
Private households	1,239	1,298	857	983	352	286	116	165
Other industries	78,253	80,416	68,824	70,641	7,323	7,577	5,151	5,408
Self-employed workers	7,728	7,714	7,201	7,144	330	352	343	382
Unpaid family workers	301	243	271	224	3	4	12	12
FULL- AND PART-TIME STATUS²								
Full-time schedules	86,745	88,432	75,841	77,007	8,529	8,917	5,666	5,904
Part time for economic reasons	5,636	5,738	4,558	4,689	933	895	508	584
Part time for noneconomic reasons	14,576	15,201	13,175	13,803	1,024	1,036	665	692

¹ Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1985 have been revised and are not comparable to previously published data.

² Employed persons with a job but not at work are distributed

according to whether they usually work full or part time.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	1985	1986	1985	1986	1985	1986	1985	1986
CHARACTERISTIC								
Total (all civilian workers)	6,839	7,180	4,122	4,361	778	686	518	533
Men	4,247	4,428	2,650	2,749	464	430	309	317
Women	2,592	2,753	1,472	1,612	314	256	209	216
OCCUPATION								
Managerial and professional specialty	883	929	418	462	122	94	87	116
Executive, administrative, and managerial	443	473	229	244	58	37	39	69
Professional specialty	440	456	189	218	63	57	48	48
Technical, sales, and administrative support	1,642	1,762	922	999	212	202	139	163
Technicians and related support	137	136	75	63	18	20	10	13
Sales occupations	536	615	298	360	50	62	53	65
Administrative support, including clerical	969	1,010	548	576	144	120	76	84
Service occupations	1,165	1,322	678	787	145	136	66	70
Private household	95	145	37	80	3	1	1	4
Protective service	104	107	58	54	24	20	5	7
Service, except private household and protective	965	1,070	583	653	118	115	61	59
Precision production, craft, and repair	1,013	1,033	667	673	89	86	98	79
Mechanics and repairers	296	283	200	174	32	25	24	24
Construction trades	325	379	228	268	19	29	29	28
Other precision production, craft, and repair	391	371	240	231	38	32	45	27
Operators, fabricators, and laborers	1,729	1,766	1,077	1,122	200	149	122	97
Machine operators, assemblers, and inspectors	937	926	545	559	114	79	73	53
Transportation and material moving occupations	319	348	210	224	33	31	22	16
Handlers, equipment cleaners, helpers, and laborers	473	493	322	339	53	39	28	28
Construction laborers	91	96	76	70	3	4	4	3
Other handlers, equipment cleaners, helpers, and laborers	381	397	245	269	51	35	23	24
Farming, forestry, and fishing	407	368	359	318	11	19	5	8
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	312	293	282	264	9	14	5	1
Self-employed workers	41	36	32	28	-	-	3	4
Unpaid family workers	1	1	-	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	6,131	6,456	3,605	3,848	748	647	458	475
Government	864	883	556	550	136	130	38	42
Private industries	5,265	5,573	3,049	3,298	612	516	419	432
Private households	116	165	55	94	4	2	1	4
Other industries	5,151	5,408	2,994	3,204	608	514	418	428
Self-employed workers	343	382	193	216	20	24	53	50
Unpaid family workers	12	12	10	5	1	1	-	3
FULL- AND PART-TIME STATUS²								
Full-time schedules	5,666	5,904	3,381	3,540	668	588	447	449
Part time for economic reasons	508	584	356	408	39	41	19	29
Part time for noneconomic reasons	665	692	383	413	70	57	53	54

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

² Employed persons with a job but not at work are distributed according to whether they usually work full or part time.

NOTE: Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1985 have been revised and are not comparable to previously published data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Sex and age	Total		White		Black		Hispanic origin ¹	
	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986
Total, 16 years and over	106,958	109,371	93,574	95,499	10,486	10,848	6,839	7,180
16 to 19 years	6,520	6,575	5,845	5,889	536	555	432	436
16 to 17 years	2,495	2,657	2,275	2,420	169	190	153	141
18 to 19 years	4,025	3,918	3,570	3,469	366	365	279	295
20 to 24 years	13,995	13,775	12,238	11,980	1,394	1,459	1,192	1,242
25 years and over	86,444	89,020	75,491	77,630	8,557	8,834	5,215	5,502
25 to 54 years	72,138	74,619	62,662	64,686	7,357	7,646	4,648	4,979
55 years and over	14,306	14,401	12,827	12,945	1,199	1,188	568	523
Men, 16 years and over	60,019	60,938	53,208	53,855	5,260	5,468	4,247	4,428
16 to 19 years	3,484	3,429	3,126	3,055	286	300	259	256
16 to 17 years	1,357	1,423	1,239	1,290	94	105	98	76
18 to 19 years	2,127	2,005	1,887	1,765	192	195	162	180
20 to 24 years	7,403	7,256	6,494	6,329	719	746	746	775
25 years and over	49,133	50,253	43,588	44,471	4,256	4,422	3,241	3,396
25 to 54 years	40,685	41,793	35,890	36,771	3,654	3,795	2,883	3,065
55 years and over	8,448	8,460	7,697	7,700	601	627	358	331
Women, 16 years and over	46,939	48,433	40,366	41,645	5,226	5,380	2,592	2,753
16 to 19 years	3,036	3,146	2,719	2,834	250	255	172	180
16 to 17 years	1,138	1,234	1,036	1,130	76	85	55	65
18 to 19 years	1,898	1,912	1,683	1,704	174	170	117	115
20 to 24 years	6,592	6,519	5,744	5,651	675	713	446	467
25 years and over	37,311	38,767	31,903	33,159	4,301	4,412	1,974	2,106
25 to 54 years	31,454	32,827	26,772	27,915	3,703	3,851	1,764	1,914
55 years and over	5,857	5,940	5,130	5,245	598	561	210	193

¹ Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1985 have been revised and are not comparable to previously published data.

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

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

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin ¹	
	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986
Total, 16 years and over	7.2	7.1	6.2	6.1	15.1	15.0	10.2	10.3
16 to 19 years	18.9	19.7	16.1	16.5	40.8	41.9	21.3	23.7
16 to 17 years	22.9	22.5	20.0	19.5	46.8	45.1	24.3	28.6
18 to 19 years	16.2	17.7	13.3	14.3	37.3	40.1	19.5	21.2
20 to 24 years	11.2	11.0	9.3	9.1	25.2	23.6	11.9	12.7
25 years and over	5.5	5.3	4.8	4.7	10.7	10.7	8.8	8.5
25 to 54 years	5.7	5.7	5.0	4.9	11.2	11.4	9.0	8.7
55 years and over	4.1	3.7	3.8	3.5	7.4	5.6	6.7	6.8
Men, 16 years and over	7.0	7.0	6.0	6.0	15.3	15.2	9.9	10.1
16 to 19 years	18.7	19.9	15.9	16.9	39.9	40.1	21.4	23.7
16 to 17 years	23.1	21.7	20.4	19.2	44.8	41.2	24.2	29.1
18 to 19 years	15.7	18.5	12.7	15.1	37.2	39.5	19.6	21.2
20 to 24 years	11.6	11.4	9.7	9.6	25.4	23.5	11.2	12.2
25 years and over	5.3	5.3	4.6	4.6	10.8	11.0	8.5	8.4
25 to 54 years	5.5	5.5	4.8	4.8	11.2	11.7	8.8	8.5
55 years and over	4.1	3.8	3.7	3.6	8.4	6.7	6.1	6.8
Women, 16 years and over	7.5	7.2	6.4	6.2	14.9	14.8	10.8	10.7
16 to 19 years	19.1	19.5	16.2	16.2	41.4	43.9	21.1	23.8
16 to 17 years	22.6	23.3	19.6	19.9	49.0	49.3	24.5	27.9
18 to 19 years	16.8	16.9	14.0	13.5	37.3	40.8	19.3	21.2
20 to 24 years	10.8	10.7	8.8	8.6	25.1	23.6	13.0	13.6
25 years and over	5.8	5.5	5.0	4.8	10.6	10.4	9.2	8.7
25 to 54 years	6.0	5.8	5.3	5.0	11.3	11.2	9.4	8.9
55 years and over	4.2	3.4	3.9	3.3	6.4	4.3	8.0	7.3

¹ Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1985 have

been revised and are not comparable to previously published data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin ¹	
	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986
DURATION								
Total, 16 years and over	8,305	8,349	6,192	6,162	1,861	1,909	780	827
Less than 5 weeks	3,599	3,625	2,734	2,725	752	777	341	371
5 to 14 weeks	2,185	2,323	1,617	1,713	504	536	216	250
15 weeks and over	2,521	2,401	1,841	1,724	606	596	222	205
15 to 26 weeks	1,161	1,147	862	849	266	252	124	90
27 weeks and over	1,360	1,254	978	875	340	344	98	116
Average (mean) duration, in weeks	16.2	15.2	15.8	14.7	17.4	17.1	14.0	14.2
Median duration, in weeks	6.6	6.7	6.4	6.5	6.5	6.6	6.7	6.3
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	43.3	43.4	44.2	44.2	40.4	40.7	43.8	44.9
5 to 14 weeks	26.3	27.8	26.1	27.8	27.1	26.1	27.7	30.2
15 weeks and over	30.4	28.8	29.7	28.0	32.6	31.2	28.5	24.8
15 to 26 weeks	14.0	13.7	13.9	13.8	14.3	13.2	15.9	10.9
27 weeks and over	16.4	15.0	15.8	14.2	18.3	18.0	12.6	14.0

¹ Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1985 have been revised and are not comparable to previously published data.

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

sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Corrected data for the average (mean) and median duration for Hispanics in the first quarter of 1985 are 14.5 and 7.5, respectively.

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin ¹	
	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986
NUMBER OF UNEMPLOYED								
Total, 16 years and over	8,305	8,349	6,192	6,162	1,861	1,909	780	827
Job losers	3,936	4,013	2,996	3,049	825	849	405	476
On layoff	1,037	985	865	836	150	122	79	97
Other job losers	2,899	3,029	2,131	2,213	674	727	326	379
Job leavers	829	947	684	750	122	165	76	75
Reentrants	2,338	2,194	1,716	1,564	553	555	190	162
New entrants	1,201	1,194	796	799	362	341	108	114
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	47.4	48.1	48.4	49.5	44.3	44.5	52.1	57.6
On layoff	12.5	11.8	14.0	13.6	8.1	6.4	10.2	11.8
Other job losers	34.9	36.3	34.4	35.9	36.2	38.1	41.9	45.8
Job leavers	10.0	11.3	11.0	12.2	6.6	8.6	9.8	9.1
Reentrants	28.2	26.3	27.7	25.4	29.7	29.1	24.3	19.5
New entrants	14.5	14.3	12.9	13.0	19.4	17.9	13.9	13.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.4	3.4	3.0	3.0	6.7	6.7	5.3	5.9
Job leavers .....	.7	.8	.7	.7	1.0	1.3	1.0	.9
Reentrants	2.0	1.9	1.7	1.5	4.5	4.3	2.5	2.0
New entrants	1.0	1.0	.8	.8	2.9	2.7	1.4	1.4

¹ Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1985 have been revised and are not comparable to previously published data.

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

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	II 1985	II 1986	Total		Employed		Unemployed			
			II 1985	II 1986	II 1985	II 1986	Number		Percent of labor force	
							II 1985	II 1986	II 1985	II 1986
VIETNAM-ERA VETERANS										
Total, 30 years and over	7,629	7,733	7,157	7,179	6,774	6,832	383	347	5.4	4.8
30 to 44 years	6,513	6,402	6,280	6,105	5,823	5,797	357	308	5.7	5.0
30 to 34 years	1,410	1,173	1,354	1,099	1,256	1,018	98	83	7.2	7.6
35 to 39 years	3,378	3,125	3,258	2,987	3,060	2,838	198	149	6.1	5.0
40 to 44 years	1,725	2,105	1,668	2,019	1,607	1,943	61	76	3.7	3.8
45 years and over	1,116	1,331	878	1,074	851	1,035	27	39	3.0	3.6
NONVETERANS										
Total, 30 to 44 years	17,114	18,265	16,220	17,277	15,375	16,351	845	927	5.2	5.4
30 to 34 years	7,917	8,487	7,557	8,086	7,126	7,627	431	459	5.7	5.7
35 to 39 years	4,898	5,597	4,623	5,299	4,405	5,035	218	264	4.7	5.0
40 to 44 years	4,299	4,182	4,040	3,892	3,844	3,689	196	203	4.9	5.2

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; published data are limited to those 30 to 44 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Data for

25- to 29-year-old veterans are no longer shown in this table because the group is rapidly disappearing (into the 30-34 age category) and the numbers remaining for some labor force categories are not large enough to warrant their continued publication.

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

(Numbers in thousands)

Employment status and age	Veterans						Nonveterans					
	White		Black		Hispanic origin		White		Black		Hispanic origin	
	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986	II 1985	II 1986
TOTAL, 30 to 44 years												
Civilian noninstitutional population	5,812	5,719	595	584	(¹)	298	14,722	15,674	1,761	1,861	(¹)	1,596
Civilian labor force	5,619	5,472	563	542	(¹)	276	14,120	14,977	1,527	1,642	(¹)	1,483
Employed	5,338	5,231	503	482	(¹)	256	13,481	14,300	1,364	1,430	(¹)	1,363
Unemployed	281	240	62	60	(¹)	22	640	676	162	212	(¹)	120
Unemployment rate	5.0	4.4	11.0	11.0	(¹)	7.8	4.5	4.5	10.6	12.9	(¹)	8.1
30 to 34 years												
Civilian noninstitutional population	1,213	1,008	173	143	(¹)	82	6,846	7,303	796	855	(¹)	712
Civilian labor force	1,172	959	160	124	(¹)	73	6,620	7,034	691	763	(¹)	664
Employed	1,089	894	139	106	(¹)	62	6,287	6,693	615	663	(¹)	609
Unemployed	73	65	21	18	(¹)	11	333	341	78	100	(¹)	55
Unemployment rate	6.2	6.8	13.1	14.3	(¹)	14.9	5.0	4.9	11.0	13.1	(¹)	8.2
35 to 39 years												
Civilian noninstitutional population	3,029	2,804	296	273	(¹)	132	4,191	4,799	495	573	(¹)	505
Civilian labor force	2,927	2,685	283	256	(¹)	123	3,991	4,581	436	509	(¹)	470
Employed	2,771	2,571	249	226	(¹)	114	3,833	4,388	393	449	(¹)	435
Unemployed	156	113	34	30	(¹)	9	159	193	43	60	(¹)	35
Unemployment rate	5.3	4.2	12.0	11.6	(¹)	7.4	4.0	4.2	9.9	11.8	(¹)	7.5
40 to 44 years												
Civilian noninstitutional population	1,570	1,908	126	167	(¹)	83	3,685	3,572	470	433	(¹)	379
Civilian labor force	1,520	1,829	120	162	(¹)	81	3,509	3,362	400	369	(¹)	349
Employed	1,468	1,766	115	150	(¹)	80	3,361	3,220	356	318	(¹)	319
Unemployed	52	62	7	12	(¹)	2	148	142	43	51	(¹)	30
Unemployment rate	3.4	3.4	5.8	7.6	(¹)	2.0	4.2	4.2	10.8	13.9	(¹)	8.5

¹ Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1985.

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 never served in the Armed Forces; published data are limited to those 30 to 44 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Data for 25- to 29-year-

old veterans are no longer shown in this table because the group is rapidly disappearing (into the 30-34 age category) and the numbers remaining for some labor force categories are not large enough to warrant their continued publication. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Type of family, race, and Hispanic origin	II 1985					II 1986				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	Percent of families:		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	62,299	6,256	29.4	70.6	62.1	62,917	6,310	28.8	71.2	62.7
With children under 18 years of age	31,052	3,764	30.6	69.4	60.4	31,463	3,800	31.3	68.7	60.1
Married-couple families	49,743	4,388	20.6	79.4	71.2	50,068	4,397	20.1	79.9	71.8
With children under 18 years of age	23,880	2,676	18.9	81.1	72.4	24,170	2,711	20.3	79.7	71.4
Families maintained by women	10,169	1,562	51.0	49.0	39.1	10,332	1,536	50.9	49.1	39.3
With children under 18 years of age	6,208	965	59.3	40.7	30.4	6,287	944	59.5	40.5	30.7
Families maintained by men	2,388	306	44.1	55.9	49.0	2,517	378	39.8	60.2	53.1
With children under 18 years of age	964	122	60.7	39.3	36.1	1,006	146	52.7	47.3	41.1
White										
Total families	53,981	4,746	26.2	73.8	65.3	54,378	4,767	26.2	73.8	65.1
With children under 18 years of age	26,067	2,819	26.5	73.5	64.4	26,337	2,833	28.1	71.9	63.2
Married-couple families	45,073	3,669	20.4	79.6	71.4	45,227	3,638	20.1	79.9	71.7
With children under 18 years of age	21,211	2,211	18.6	81.4	72.7	21,376	2,204	20.3	79.7	71.3
Families maintained by women	7,002	875	47.0	53.0	42.9	7,162	862	48.3	51.7	41.5
With children under 18 years of age	4,091	530	54.7	45.3	33.8	4,151	514	56.3	43.7	32.9
Families maintained by men	1,906	201	40.8	59.2	51.7	1,990	267	39.0	61.0	52.4
With children under 18 years of age	765	78	57.7	42.3	37.2	811	115	52.2	47.8	42.6
Black										
Total families	6,744	1,320	40.6	59.4	51.0	6,857	1,341	38.0	62.0	54.3
With children under 18 years of age	3,981	812	44.3	55.7	47.3	4,072	831	42.0	58.0	49.9
Married-couple families	3,435	582	20.6	79.4	71.4	3,502	607	19.4	80.6	72.7
With children under 18 years of age	1,849	363	17.9	82.1	73.0	1,920	394	19.1	80.9	72.8
Families maintained by women	2,909	647	57.1	42.9	33.7	2,925	638	54.6	45.4	37.0
With children under 18 years of age	1,962	412	65.3	34.7	25.7	1,991	412	62.9	37.1	28.9
Families maintained by men	401	91	51.6	48.4	42.9	431	96	44.8	55.2	52.1
With children under 18 years of age	170	37	(¹)	(¹)	(¹)	160	25	(¹)	(¹)	(¹)
Hispanic origin										
Total families	(²)	(²)	(²)	(²)	(²)	4,227	614	34.6	65.4	56.7
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	2,747	404	37.4	62.6	55.4
Married-couple families	(²)	(²)	(²)	(²)	(²)	2,991	430	26.3	73.7	65.6
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	1,977	301	25.9	74.1	66.8
Families maintained by women	(²)	(²)	(²)	(²)	(²)	959	130	63.8	36.2	29.2
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	677	83	75.9	24.1	18.1
Families maintained by men	(²)	(²)	(²)	(²)	(²)	276	54	(¹)	(¹)	(¹)
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	93	21	(¹)	(¹)	(¹)

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

² Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1985.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	II 1985				II 1986			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed in families ¹	6,929	31.8	68.2	59.7	6,963	31.3	68.7	60.2
Husbands	1,561	42.6	57.4	44.1	1,603	41.6	58.4	45.6
With children under 18 years of age	966	46.4	53.6	38.6	1,027	46.8	53.2	39.8
Wives	1,386	18.3	81.7	75.5	1,298	17.0	83.0	76.0
With children under 18 years of age	865	14.6	85.4	78.7	812	16.2	83.8	76.8
Relatives in married-couple families	1,882	11.2	88.8	83.5	1,908	10.6	89.4	84.5
Women who maintain families	645	81.4	18.6	11.3	616	83.3	16.7	9.1
With children under 18 years of age	538	89.0	11.0	5.1	524	89.2	10.8	4.4
Relatives in families maintained by women	1,121	35.4	64.8	53.7	1,128	35.9	64.1	53.2
Men who maintain families	139	68.3	31.7	25.3	164	69.5	30.5	22.8
With children under 18 years of age	75	91.0	9.0	7.1	80	88.0	12.0	8.5
Relatives in families maintained by men	195	29.8	70.2	63.0	249	24.2	75.8	68.6
White								
Total unemployed in families ¹	5,151	28.6	71.4	62.8	5,120	28.9	71.1	62.5
Husbands	1,311	42.5	57.5	43.4	1,307	42.4	57.6	44.3
With children under 18 years of age	794	46.5	53.5	37.7	817	48.3	51.7	37.9
Wives	1,183	18.2	81.8	76.2	1,078	16.4	83.6	76.8
With children under 18 years of age	737	14.8	85.2	79.3	656	15.7	84.3	77.2
Relatives in married-couple families	1,504	10.4	89.6	84.4	1,527	10.1	89.9	85.0
Women who maintain families	349	75.1	24.9	15.5	338	78.3	21.7	11.7
With children under 18 years of age	282	84.8	15.2	7.3	276	86.6	13.4	4.8
Relatives in families maintained by women	595	32.1	67.9	57.4	589	36.3	63.7	53.5
Men who maintain families	88	67.2	32.8	26.2	120	70.2	29.8	20.8
With children under 18 years of age	45	(²)	(²)	(²)	64	89.6	10.4	5.9
Relatives in families maintained by men	121	26.8	73.2	65.9	161	19.8	80.2	71.3
Black								
Total unemployed in families ¹	1,575	42.0	58.0	49.8	1,608	39.2	60.8	53.1
Husbands	195	39.5	60.5	51.2	225	37.5	62.5	52.3
With children under 18 years of age	126	41.9	58.1	46.6	154	40.9	59.1	47.3
Wives	165	20.3	79.7	69.4	173	20.3	79.7	72.6
With children under 18 years of age	101	14.3	85.7	74.6	124	19.0	81.0	75.2
Relatives in married-couple families	324	14.1	85.9	80.5	322	12.7	87.3	82.2
Women who maintain families	279	89.6	10.4	5.9	266	90.0	10.0	6.1
With children under 18 years of age	240	94.7	5.3	2.2	238	92.6	7.4	4.0
Relatives in families maintained by women	501	39.7	60.3	49.0	510	34.9	65.1	53.5
Men who maintain families	42	(²)	(²)	(²)	40	(²)	(²)	(²)
With children under 18 years of age	23	(²)	(²)	(²)	14	(²)	(²)	(²)
Relatives in families maintained by men	68	37.3	62.7	54.9	73	33.4	66.6	63.7
Hispanic origin								
Total unemployed in families ¹	(²)	(²)	(²)	(²)	692	37.0	63.0	54.4
Husbands	(²)	(²)	(²)	(²)	172	54.7	45.3	37.7
With children under 18 years of age	(²)	(²)	(²)	(²)	118	60.6	39.4	32.6
Wives	(²)	(²)	(²)	(²)	109	12.5	87.5	75.3
With children under 18 years of age	(²)	(²)	(²)	(²)	79	12.1	87.9	79.2
Relatives in married-couple families	(²)	(²)	(²)	(²)	196	14.6	85.4	79.3
Women who maintain families	(²)	(²)	(²)	(²)	85	79.2	20.8	14.0
With children under 18 years of age	(²)	(²)	(²)	(²)	51	(²)	(²)	(²)
Relatives in families maintained by women	(²)	(²)	(²)	(²)	68	57.8	42.2	36.0
Men who maintain families	(²)	(²)	(²)	(²)	27	(²)	(²)	(²)
With children under 18 years of age	(²)	(²)	(²)	(²)	15	(²)	(²)	(²)
Relatives in families maintained by men	(²)	(²)	(²)	(²)	34	(²)	(²)	(²)

¹ Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband or wife is in the Armed Forces, and persons in unrelated subfamilies. Estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

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

³ Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1985.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	II 1985				II 1986			
	Total	Percent of employed:			Total	Percent of employed:		
		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total employed in families ¹	87,704	24.4	75.6	64.4	89,243	23.6	76.4	65.0
Husbands	37,495	33.3	66.7	49.0	37,675	31.8	68.2	50.1
With children under 18 years of age	21,860	35.7	64.3	43.6	22,034	33.9	66.1	44.7
Wives	25,122	9.5	90.5	85.7	25,981	9.5	90.5	85.7
With children under 18 years of age	13,511	5.4	94.6	90.9	14,074	5.6	94.4	90.4
Relatives in married-couple families	12,034	6.7	93.3	89.5	12,249	6.2	93.8	89.8
Women who maintain families	5,640	62.1	37.9	24.9	5,744	62.3	37.7	24.5
With children under 18 years of age	3,714	77.4	22.6	11.1	3,800	77.7	22.3	10.3
Relatives in families maintained by women	4,443	24.3	75.7	85.3	4,526	24.2	75.8	64.8
Men who maintain families	1,707	54.2	45.8	34.7	1,750	55.7	44.3	33.3
With children under 18 years of age	795	80.9	19.1	8.2	811	79.2	20.8	10.8
Relatives in families maintained by men	1,282	18.2	81.8	75.2	1,318	18.1	81.9	74.3
White								
Total employed in families ¹	77,016	23.9	76.1	64.6	78,185	23.0	77.0	65.3
Husbands	34,091	33.8	66.2	47.9	34,152	32.2	67.8	49.0
With children under 18 years of age	19,598	38.4	63.6	41.9	19,672	34.6	65.4	42.8
Wives	22,452	9.0	91.0	86.2	23,180	9.1	90.9	86.2
With children under 18 years of age	11,870	4.9	95.1	91.4	12,323	5.0	95.0	91.0
Relatives in married-couple families	10,701	6.6	93.4	89.7	10,912	6.0	94.0	90.1
Women who maintain families	4,060	59.4	40.6	26.2	4,159	59.9	40.1	25.7
With children under 18 years of age	2,832	75.5	24.5	11.3	2,704	76.2	23.8	10.4
Relatives in families maintained by women	3,298	24.0	76.0	65.9	3,333	24.2	75.8	64.4
Men who maintain families	1,408	53.3	46.7	34.7	1,408	54.2	45.8	33.9
With children under 18 years of age	654	80.0	20.0	8.1	661	77.1	22.9	11.5
Relatives in families maintained by men	1,005	17.8	82.2	75.5	1,041	17.9	82.1	75.1
Black								
Total employed in families ¹	8,252	29.8	70.2	61.3	8,513	29.3	70.7	61.9
Husbands	2,441	28.3	73.7	62.1	2,508	24.9	75.1	63.2
With children under 18 years of age	1,579	25.9	74.1	62.5	1,640	24.4	75.6	63.9
Wives	1,938	13.8	86.2	79.7	2,014	14.8	85.2	79.6
With children under 18 years of age	1,185	8.7	91.3	86.7	1,255	10.2	89.8	85.3
Relatives in married-couple families	980	8.4	91.6	86.1	965	8.2	91.8	86.8
Women who maintain families	1,435	70.4	29.6	20.7	1,455	69.8	30.2	20.4
With children under 18 years of age	999	82.8	17.2	10.2	1,018	82.3	17.7	9.5
Relatives in families maintained by women	1,019	25.6	74.4	62.5	1,061	24.7	75.3	65.3
Men who maintain families	251	61.6	38.4	33.1	276	62.9	37.1	29.4
With children under 18 years of age	122	88.3	11.7	6.6	124	89.2	10.8	6.5
Relatives in families maintained by men	189	22.0	78.0	71.2	214	19.1	80.9	71.7
Hispanic origin								
Total employed in families ¹	(²)	(²)	(²)	(²)	5,822	27.0	73.0	63.9
Husbands	(²)	(²)	(²)	(²)	2,350	39.6	60.4	48.0
With children under 18 years of age	(²)	(²)	(²)	(²)	1,696	43.1	56.9	44.1
Wives	(²)	(²)	(²)	(²)	1,403	10.5	89.5	83.7
With children under 18 years of age	(²)	(²)	(²)	(²)	934	8.8	91.2	85.0
Relatives in married-couple families	(²)	(²)	(²)	(²)	874	5.8	94.2	88.3
Women who maintain families	(²)	(²)	(²)	(²)	396	61.5	38.5	29.3
With children under 18 years of age	(²)	(²)	(²)	(²)	278	75.6	24.4	15.9
Relatives in families maintained by women	(²)	(²)	(²)	(²)	404	23.9	76.1	67.8
Men who maintain families	(²)	(²)	(²)	(²)	196	39.5	60.5	49.9
With children under 18 years of age	(²)	(²)	(²)	(²)	69	71.5	28.5	23.0
Relatives in families maintained by men	(²)	(²)	(²)	(²)	199	12.9	87.1	79.0

¹ Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband or wife is in the Armed Forces, and persons in unrelated subfamilies. Estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

² Beginning in January 1986, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1985.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings	
	II 1985	II 1986	II 1985	II 1986
TOTAL				
Total families with earners ¹	41,342	41,917	\$526	\$537
Married-couple families	33,091	33,381	587	603
One earner	13,432	13,081	386	393
Husband	10,414	10,044	442	455
Wife	2,239	2,355	219	226
Other family member	779	682	200	206
Two or more earners	19,659	20,300	719	740
Husband and wife	16,908	17,424	732	754
Husband and other family member(s)	2,049	2,161	688	721
Wife and other family member(s)	506	508	484	492
Other family members only	196	207	436	449
Families maintained by women	6,508	6,715	302	305
One earner	4,419	4,640	239	241
Householder	3,404	3,623	249	251
Other family member	1,015	1,017	196	200
Two or more earners	2,089	2,076	487	501
Families maintained by men	1,742	1,820	468	408
One earner	1,117	1,214	361	334
Two or more earners	625	607	658	646
White				
Total families with earners ¹	35,712	35,988	546	558
Married-couple families	29,544	29,646	593	609
One earner	12,196	11,780	396	403
Husband	9,618	9,197	452	466
Wife	1,893	1,990	221	229
Two or more earners	17,348	17,866	723	747
Husband and wife	14,895	15,314	736	761
Families maintained by women	4,743	4,895	316	320
Families maintained by men	1,425	1,447	485	438
Black				
Total families with earners ¹	4,542	4,727	391	399
Married-couple families	2,670	2,782	500	523
One earner	906	919	248	286
Husband	550	576	278	329
Wife	285	283	212	222
Two or more earners	1,765	1,863	667	673
Husband and wife	1,547	1,618	683	689
Families maintained by women	1,598	1,660	259	260
Families maintained by men	274	285	358	310
Hispanic origin				
Total families with earners ¹	(²)	3,013	(²)	409
Married-couple families	(²)	2,270	(²)	450
One earner	(²)	1,067	(²)	294
Husband	(²)	894	(²)	314
Wife	(²)	112	(²)	191
Two or more earners	(²)	1,204	(²)	611
Husband and wife	(²)	991	(²)	625
Families maintained by women	(²)	525	(²)	264
Families maintained by men	(²)	218	(²)	376

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

² Data on Hispanic families for 1985 are not available on a revised basis that reflects the adjustments to the population totals introduced in

January 1986.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)		Median weekly earnings	
	II 1985	II 1986	II 1985	II 1986
Married-couple families ¹	3,058	3,062	\$383	\$409
Husband unemployed	904	954	215	240
Wife only earner	692	730	206	222
Wife and other earner(s)	110	135	335	388
Other earner(s) only	102	89	157	(²)
Wife unemployed	1,022	970	377	402
Husband only earner	864	817	354	383
Husband and other earner(s)	139	127	552	617
Other earner(s) only	19	27	(²)	(²)
Other member(s) unemployed	1,132	1,138	621	652
Husband or wife earner	493	486	463	499
Both husband and wife earners	581	619	817	746
Other combinations of earners	58	33	(²)	(²)
Families maintained by women ¹	645	678	252	285
Householder unemployed	128	72	129	(²)
Other member(s) unemployed	517	606	291	301
Families maintained by men ¹	130	205	353	367

¹ Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is

either self-employed or in the Armed Forces.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY DATA**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	II 1985	II 1986	II 1985	II 1986
SEX AND AGE				
Total, 16 years and over	76,834	78,508	\$347	\$358
Men, 16 years and over	45,635	46,295	408	416
16 to 24 years	7,074	6,884	241	246
25 years and over	38,561	39,412	446	456
Women, 16 years and over	31,199	32,213	280	290
16 to 24 years	5,529	5,487	212	216
25 years and over	25,670	26,726	300	309
FAMILY RELATIONSHIP				
Husbands	30,139	30,462	458	472
Wives	16,114	16,558	290	301
Women who maintain families	4,292	4,449	282	291
Men who maintain families	1,392	1,362	397	388
Other persons in families:				
Men	6,126	6,175	240	244
Women	4,388	4,349	215	222
All other men ¹	7,978	8,286	375	390
All other women ¹	6,404	6,866	310	313
RACE AND HISPANIC ORIGIN				
White	66,402	67,675	357	368
Men	40,109	40,603	418	427
Women	26,292	27,072	283	293
Black	8,312	8,656	284	294
Men	4,340	4,483	303	322
Women	3,972	4,173	264	267
Hispanic origin	(²)	5,600	(²)	278
Men	(²)	3,605	(²)	303
Women	(²)	1,995	(²)	243

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

² Data on Hispanic wage and salary earners for 1985 are not available on a revised basis that reflects the adjustments to the

population totals introduced in January 1986.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	II 1985	II 1986	II 1985	II 1986
SEX AND AGE				
Total, 16 years and over	17,389	18,325	\$94	\$99
Men, 16 years and over	5,402	5,769	87	92
16 to 24 years	3,281	3,382	72	77
25 years and over	2,121	2,386	119	120
Women, 16 years and over	11,986	12,557	97	102
16 to 24 years	3,907	4,006	68	76
25 years and over	8,080	8,550	113	116
FAMILY RELATIONSHIP				
Husbands	1,364	1,435	122	123
Wives	6,228	6,489	115	119
Women who maintain families	962	1,040	109	111
Men who maintain families	88	151	(¹)	120
Other persons in families:				
Men	3,134	3,222	70	76
Women	3,286	3,437	66	72
All other men ²	817	961	113	110
All other women ²	1,511	1,589	96	99
RACE AND HISPANIC ORIGIN				
White	15,186	16,054	95	100
Men	4,634	4,863	87	93
Women	10,552	11,191	98	103
Black	1,760	1,758	88	92
Men	622	685	90	87
Women	1,137	1,073	87	95
Hispanic origin	(³)	1,073	(³)	106
Men	(³)	460	(³)	115
Women	(³)	613	(³)	100

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

² The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband or wife is in the Armed Forces and persons in unrelated subfamilies.

³ Data on Hispanic wage and salary earners for 1985 are not

available on a revised basis that reflects the adjustments to the population totals introduced in January 1986.

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

Occupation and sex	Number of workers (in thousands)		Median weekly earnings	
	II 1985	II 1986	II 1985	II 1986
TOTAL				
Managerial and professional specialty	19,288	19,973	\$487	\$504
Executive, administrative, and managerial	9,126	9,736	494	515
Professional specialty	10,162	10,237	483	496
Technical, sales, and administrative support	23,456	24,262	309	317
Technicians and related support	2,677	2,686	395	413
Sales occupations	7,237	7,541	341	355
Administrative support, including clerical	13,542	14,036	288	296
Service occupations	7,830	7,877	219	225
Private household	295	334	138	121
Protective service	1,406	1,572	386	386
Service, except private household and protective	6,129	5,972	206	211
Precision production, craft, and repair	10,982	10,805	401	409
Mechanics and repairers	3,948	3,815	403	418
Construction trades	3,331	3,487	397	395
Other precision production, craft, and repair	3,703	3,503	403	412
Operators, fabricators, and laborers	13,932	14,189	294	305
Machine operators, assemblers, and inspectors	7,035	7,170	287	298
Transportation and material moving occupations	3,725	3,673	359	365
Handlers, equipment cleaners, helpers, and laborers	3,172	3,346	252	265
Farming, forestry, and fishing	1,345	1,402	202	217
Men				
Managerial and professional specialty	10,981	11,281	580	605
Executive, administrative, and managerial	5,673	5,983	586	614
Professional specialty	5,308	5,298	573	596
Technical, sales, and administrative support	8,854	9,089	424	423
Technicians and related support	1,531	1,553	467	484
Sales occupations	4,329	4,523	440	425
Administrative support, including clerical	2,994	3,012	397	393
Service occupations	3,889	3,903	276	287
Private household	11	21	(¹)	(¹)
Protective service	1,252	1,424	392	395
Service, except private household and protective	2,626	2,459	236	242
Precision production, craft, and repair	10,160	9,945	411	418
Mechanics and repairers	3,803	3,664	403	417
Construction trades	3,289	3,423	399	396
Other precision production, craft, and repair	3,067	2,859	432	449
Operators, fabricators, and laborers	10,555	10,815	323	336
Machine operators, assemblers, and inspectors	4,353	4,449	339	358
Transportation and material moving occupations	3,551	3,483	370	370
Handlers, equipment cleaners, helpers, and laborers	2,651	2,883	262	272
Farming, forestry, and fishing	1,196	1,262	204	220
Women				
Managerial and professional specialty	8,307	8,692	404	415
Executive, administrative, and managerial	3,453	3,753	389	401
Professional specialty	4,854	4,939	412	424
Technical, sales, and administrative support	14,602	15,174	270	281
Technicians and related support	1,146	1,133	331	340
Sales occupations	2,908	3,018	223	244
Administrative support, including clerical	10,549	11,023	272	281
Service occupations	3,941	3,974	188	192
Private household	284	314	135	118
Protective service	154	147	292	285
Service, except private household and protective	3,502	3,513	191	196
Precision production, craft, and repair	823	860	272	284
Mechanics and repairers	145	151	382	438
Construction trades	43	65	(¹)	(¹)
Other precision production, craft, and repair	635	645	261	265
Operators, fabricators, and laborers	3,377	3,373	219	231
Machine operators, assemblers, and inspectors	2,682	2,720	219	229
Transportation and material moving occupations	174	190	252	294
Handlers, equipment cleaners, helpers, and laborers	520	463	210	222
Farming, forestry, and fishing	149	140	180	192

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	2nd Quarter 1986							
	Metropolitan areas			Nonmetropolitan areas			Urban areas	Rural areas
	Total	Central cities	Suburbs	Total	Farm	Nonfarm		
TOTAL								
Civilian noninstitutional population	139,917	56,799	83,118	40,404	3,084	37,320	133,223	47,097
Civilian labor force	92,503	36,440	56,063	25,217	2,175	23,042	87,448	30,272
Percent of population	66.1	64.2	67.4	62.4	70.5	61.7	65.6	64.3
Employed	86,234	33,333	52,901	23,137	2,108	21,029	81,210	28,160
Unemployed	6,269	3,108	3,162	2,080	66	2,013	6,238	2,111
Unemployment rate	6.8	8.5	5.6	8.2	3.1	8.7	7.1	7.0
Not in labor force	47,413	20,358	27,055	15,187	909	14,278	45,775	16,828
Men, 20 years and over								
Civilian noninstitutional population	60,752	24,228	36,525	17,635	1,473	16,162	57,316	21,070
Civilian labor force	47,985	18,560	29,425	13,236	1,275	11,961	44,901	16,319
Percent of population	78.0	76.6	80.6	75.1	86.6	74.0	78.3	77.5
Employed	45,182	17,109	28,073	12,320	1,253	11,067	42,124	15,379
Unemployed	2,802	1,451	1,351	916	22	894	2,778	941
Unemployment rate	5.8	7.8	4.6	6.9	1.7	7.5	6.2	5.8
Not in labor force	12,768	5,668	7,100	4,398	198	4,200	12,415	4,751
Women, 20 years and over								
Civilian noninstitutional population	67,998	28,223	39,776	19,457	1,341	18,115	65,448	22,007
Civilian labor force	38,230	15,826	22,604	10,080	734	9,346	36,649	11,661
Percent of population	56.2	55.4	56.8	51.8	54.7	51.6	56.0	53.0
Employed	35,996	14,548	21,448	9,298	709	8,589	34,391	10,903
Unemployed	2,235	1,078	1,156	782	25	757	2,258	759
Unemployment rate	5.8	6.9	5.1	7.8	3.4	8.1	6.2	6.5
Not in labor force	29,768	12,597	17,172	9,376	607	8,769	28,799	10,346
Both sexes, 16 to 19 years								
Civilian noninstitutional population	11,166	4,348	6,818	3,313	270	3,043	10,459	4,020
Civilian labor force	6,289	2,255	4,034	1,900	166	1,734	5,898	2,291
Percent of population	56.3	51.9	59.2	57.4	61.5	57.0	56.4	57.0
Employed	5,056	1,876	3,380	1,519	147	1,372	4,896	1,879
Unemployed	1,233	578	654	382	19	362	1,202	412
Unemployment rate	19.6	25.7	18.2	20.1	11.6	20.9	20.4	18.0
Not in labor force	4,877	2,094	2,764	1,412	104	1,308	4,561	1,729
White								
Civilian noninstitutional population	118,889	42,620	76,269	36,356	2,997	33,359	111,674	43,571
Civilian labor force	78,832	27,593	51,239	22,829	2,125	20,704	73,516	28,145
Percent of population	66.3	64.7	67.2	62.8	70.9	62.1	65.6	64.8
Employed	74,364	25,830	48,534	21,135	2,060	19,075	69,146	26,353
Unemployed	4,468	1,763	2,705	1,693	64	1,629	4,370	1,792
Unemployment rate	5.7	6.4	5.3	7.4	3.0	7.9	5.9	6.4
Not in labor force	40,057	15,027	25,030	13,527	872	12,655	38,156	15,428
Black								
Civilian noninstitutional population	16,657	11,886	4,771	3,287	77	3,210	17,154	2,790
Civilian labor force	10,804	7,398	3,406	1,953	43	1,910	11,063	1,694
Percent of population	64.9	62.2	71.4	59.4	56.1	59.5	64.5	80.7
Employed	9,216	6,177	3,038	1,633	41	1,581	9,407	1,441
Unemployed	1,589	1,220	368	321	2	319	1,656	253
Unemployment rate	14.7	16.5	10.8	16.4	(¹)	16.7	15.0	14.9
Not in labor force	5,853	4,488	1,365	1,334	34	1,300	6,091	1,096
Hispanic origin								
Civilian noninstitutional population	11,324	6,644	4,680	966	53	913	11,288	1,003
Civilian labor force	7,359	4,168	3,191	648	36	612	7,334	673
Percent of population	65.0	62.7	68.2	67.1	(¹)	67.1	65.0	67.2
Employed	6,614	3,711	2,903	566	36	530	6,579	601
Unemployed	745	457	288	62	-	82	754	73
Unemployment rate	10.1	11.0	9.0	12.7	(¹)	13.4	10.3	10.8
Not in labor force	3,965	2,477	1,489	316	17	301	3,954	329

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

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

included in both the white and black population groups. These data are based on 1980 census designations and are not comparable to data published through the first quarter of 1984.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-77. Employment status of the civilian noninstitutional population in poverty and nonpoverty areas by race and Hispanic origin

(Numbers in thousands)

Employment status, race, and Hispanic origin	2nd Quarter 1986					
	Total United States		Metropolitan areas		Nonmetropolitan areas	
	Poverty areas	Nonpoverty areas	Poverty areas	Nonpoverty areas	Poverty areas	Nonpoverty areas
TOTAL						
Civilian noninstitutional population	21,914	158,407	15,264	124,653	6,650	33,754
Civilian labor force	12,178	105,542	8,380	84,123	3,798	21,419
Percent of population	55.6	66.6	54.9	67.5	57.1	63.5
Employed	10,440	98,931	7,116	79,117	3,324	19,813
Unemployed	1,738	6,611	1,284	5,006	474	1,606
Unemployment rate	14.3	6.3	15.1	6.0	12.5	7.5
Men, 20 years and over	13.1	5.3	14.0	5.0	11.3	6.1
Women, 20 years and over	12.4	5.5	12.7	5.1	11.5	7.1
Both sexes, 16 to 19 years	33.4	18.1	36.0	17.8	27.2	18.9
Men	32.6	18.3	34.8	18.2	27.9	18.7
Women	34.2	17.8	37.3	17.4	26.3	19.2
Not in labor force	9,736	52,864	6,884	40,530	2,852	12,335
White						
Civilian noninstitutional population	12,450	142,795	7,621	111,268	4,829	31,527
Civilian labor force	6,983	94,678	4,171	74,662	2,812	20,017
Percent of population	56.1	66.3	54.7	67.1	58.2	63.5
Employed	6,234	89,265	3,701	70,663	2,534	18,602
Unemployed	749	5,413	470	3,998	279	1,415
Unemployment rate	10.7	5.7	11.3	5.4	9.9	7.1
Men, 20 years and over	10.1	4.9	10.5	4.6	9.6	5.9
Women, 20 years and over	9.3	5.1	10.0	4.7	8.2	6.6
Both sexes, 16 to 19 years	23.3	16.0	25.2	15.6	20.8	17.5
Men	24.5	16.3	25.4	16.0	23.1	17.1
Women	21.9	15.8	24.9	15.2	18.0	18.1
Not in labor force	5,467	48,117	3,451	36,606	2,016	11,511
Black						
Civilian noninstitutional population	8,641	11,303	7,066	9,591	1,575	1,712
Civilian labor force	4,766	7,992	3,905	6,899	661	1,093
Percent of population	55.2	70.7	55.3	71.9	54.6	63.8
Employed	3,830	7,019	3,143	6,073	687	946
Unemployed	936	973	763	826	174	147
Unemployment rate	19.6	12.2	19.5	12.0	20.2	13.5
Men, 20 years and over	18.6	9.9	19.1	10.0	16.6	8.8
Women, 20 years and over	16.3	10.2	15.5	9.7	20.3	13.4
Both sexes, 16 to 19 years	45.7	39.5	45.1	40.3	49.7	36.3
Men	43.4	38.3	43.6	39.4	(¹)	34.4
Women	48.0	41.0	46.5	41.2	(¹)	(¹)
Not in labor force	3,875	3,312	3,161	2,693	714	619
Hispanic origin						
Civilian noninstitutional population	3,549	8,741	3,258	8,066	291	675
Civilian labor force	1,989	6,018	1,802	5,557	168	461
Percent of population	56.0	68.8	55.3	68.9	64.5	68.2
Employed	1,695	5,485	1,545	5,069	150	416
Unemployed	294	533	257	488	37	45
Unemployment rate	14.8	8.9	14.2	8.8	19.8	9.8
Men, 20 years and over	12.8	7.8	12.5	7.7	15.5	9.3
Women, 20 years and over	14.9	8.0	14.2	7.9	21.6	9.9
Both sexes, 16 to 19 years	29.2	21.7	28.0	22.3	38.2	13.3
Men	27.9	22.1	27.0	22.9	(¹)	(¹)
Women	31.3	21.0	(¹)	21.5	(¹)	(¹)
Not in labor force	1,560	2,723	1,457	2,508	103	214

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

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

presented and Hispanics are included in both the white and black population groups. These data are based on 1980 census designations and are not comparable to data published through the first quarter of 1984.

**ESTABLISHMENT DATA
HISTORICAL EMPLOYMENT**

B-1. Employees on nonagricultural payrolls by major industry, 1934 to date

(In thousands)

Year and month	Total	Total private	Goods-producing				Service-producing						Government		
			Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Federal	State	Local
Annual averages															
1934	25,940	22,641	10,281	883	877	8,501	15,679	2,750	(1)	(1)	1,304	3,045	652	(1)	(1)
1935	27,039	23,558	10,893	897	927	9,069	16,146	2,786	(1)	(1)	1,320	3,128	753	(1)	(1)
1936	29,066	25,400	11,933	946	1,160	9,827	17,135	2,973	(1)	(1)	1,373	3,312	826	(1)	(1)
1937	31,011	27,255	12,936	1,015	1,127	10,794	18,075	3,134	(1)	(1)	1,417	3,503	833	(1)	(1)
1938	29,194	25,311	11,401	891	1,070	9,440	17,793	2,863	(1)	(1)	1,410	3,458	829	(1)	(1)
1939	30,603	26,608	12,297	854	1,165	10,278	18,306	2,936	(1)	(1)	1,447	3,502	905	(1)	(1)
1940	32,361	28,159	13,221	925	1,311	10,985	19,140	3,038	1,835	4,914	1,485	3,665	996	(1)	(1)
1941	36,539	31,877	15,963	957	1,814	13,192	20,574	3,274	1,960	5,251	1,525	3,905	1,340	(1)	(1)
1942	40,106	34,624	18,470	992	2,198	15,280	21,836	3,460	1,906	5,212	1,509	4,066	2,213	(1)	(1)
1943	42,434	36,356	20,114	925	1,587	17,602	22,320	3,647	1,822	5,160	1,481	4,130	2,905	(1)	(1)
1944	41,864	35,822	19,328	892	1,108	17,328	22,536	3,829	1,845	5,214	1,461	4,145	2,928	(1)	(1)
1945	40,374	34,431	17,507	836	1,147	15,524	22,867	3,906	1,949	5,365	1,481	4,222	2,808	(1)	(1)
1946	41,652	36,056	17,248	862	1,683	14,703	24,404	4,061	2,291	6,084	1,675	4,697	2,254	(1)	(1)
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,166	2,471	6,485	1,728	5,025	1,892	(1)	(1)
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,605	6,667	1,800	5,181	1,863	(1)	(1)
1949	43,754	37,897	17,565	930	2,194	14,441	26,189	4,001	2,802	6,662	1,828	5,240	1,908	(1)	(1)
1950	45,197	39,170	18,506	901	2,364	15,241	26,891	4,034	2,635	6,751	1,888	5,357	1,928	(1)	(1)
1951	47,819	41,430	19,959	929	2,637	16,393	27,860	4,226	2,727	7,015	1,956	5,547	2,302	(1)	(1)
1952	48,793	42,185	20,198	898	2,668	16,632	28,595	4,248	2,812	7,192	2,035	5,699	2,420	(1)	(1)
1953	50,202	43,556	21,074	866	2,593	17,549	29,128	4,290	2,854	7,393	2,111	5,835	2,305	(1)	(1)
1954	48,990	42,238	19,751	791	2,646	16,314	29,239	4,084	2,867	7,368	2,200	5,969	2,188	(1)	(1)
1955	50,641	43,727	20,513	792	2,839	16,882	30,128	4,141	2,926	7,610	2,298	6,240	2,187	(1)	(1)
1956	52,369	45,091	21,104	822	3,039	17,243	31,266	4,244	3,018	7,840	2,389	6,497	2,209	1,250	3,819
1957	52,853	45,239	20,964	828	2,962	17,174	31,889	4,241	3,028	7,858	2,438	6,708	2,217	1,328	4,071
1958	51,324	43,483	19,513	751	2,817	15,945	31,811	3,976	2,980	7,770	2,481	6,765	2,191	1,415	4,232
1959 ²	53,268	45,186	20,411	732	3,004	16,675	32,857	4,011	3,082	8,045	2,549	7,087	2,233	1,484	4,366
1960	54,189	45,836	20,434	712	2,926	16,796	33,755	4,004	3,143	8,248	2,629	7,378	2,270	1,536	4,547
1961	53,999	45,404	19,857	672	2,859	16,326	34,142	3,903	3,133	8,204	2,688	7,620	2,279	1,607	4,708
1962	55,549	46,860	20,451	650	2,948	16,853	35,098	3,906	3,198	8,368	2,754	7,982	2,340	1,668	4,881
1963	56,653	47,429	20,640	635	3,010	16,995	36,013	3,903	3,248	8,530	2,830	8,277	2,358	1,747	5,121
1964	58,283	48,686	21,005	634	3,097	17,274	37,278	3,951	3,337	8,823	2,911	8,660	2,348	1,856	5,392
1965	60,765	50,689	21,926	632	3,232	18,062	38,839	4,036	3,466	9,250	2,977	9,036	2,378	1,996	5,700
1966	63,901	53,116	23,158	627	3,317	19,214	40,743	4,158	3,597	9,648	3,058	9,498	2,564	2,141	6,080
1967	65,803	54,413	23,308	613	3,248	19,447	42,495	4,268	3,689	9,917	3,185	10,045	2,719	2,302	6,371
1968	67,897	56,058	23,737	606	3,350	19,781	44,160	4,318	3,779	10,320	3,337	10,567	2,737	2,442	6,660
1969	70,384	58,189	24,361	619	3,575	20,167	46,023	4,442	3,907	10,798	3,512	11,169	2,758	2,533	6,904
1970	70,880	58,325	23,578	623	3,588	19,367	47,302	4,515	3,993	11,047	3,645	11,548	2,731	2,664	7,158
1971	71,214	58,331	22,935	609	3,704	18,623	48,278	4,476	4,001	11,351	3,772	11,797	2,696	2,747	7,437
1972	73,675	60,341	23,668	628	3,889	19,151	50,007	4,541	4,113	11,836	3,908	12,276	2,684	2,859	7,790
1973	76,790	63,058	24,893	642	4,097	20,154	51,897	4,656	4,277	12,329	4,046	12,857	2,663	2,923	8,146
1974	78,265	64,095	24,794	697	4,020	20,077	53,471	4,725	4,433	12,554	4,148	13,441	2,724	3,039	8,407
1975	76,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,415	12,645	4,165	13,892	2,748	3,179	8,758
1976	79,382	64,511	23,352	779	3,576	18,997	56,030	4,582	4,546	13,209	4,271	14,551	2,733	3,273	8,865
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,708	13,808	4,467	15,303	2,727	3,377	9,023
1978	86,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,969	14,573	4,724	16,252	2,753	3,474	9,446
1979	89,823	73,876	26,461	958	4,463	21,040	63,363	5,136	5,204	14,989	4,975	17,112	2,773	3,541	9,633
1980	90,406	74,166	25,658	1,027	4,346	20,285	64,748	5,146	5,275	15,035	5,160	17,890	2,866	3,610	9,765
1981	91,156	75,126	25,497	1,139	4,188	20,170	65,659	5,165	5,358	15,189	5,298	18,619	2,772	3,640	9,819
1982	89,566	73,729	23,813	1,128	3,905	18,781	65,753	5,082	5,278	15,179	5,341	19,036	2,739	3,640	9,458
1983	90,200	74,330	23,334	952	3,948	18,434	66,866	4,954	5,268	15,613	5,468	19,694	2,774	3,662	9,434
1984	94,496	78,472	24,727	966	4,383	19,478	69,769	5,159	5,555	16,545	5,689	20,797	2,807	3,734	9,482
1985	97,614	81,199	24,930	930	4,687	19,314	72,684	5,242	5,740	17,360	5,953	21,974	2,875	3,848	9,692
Monthly data, seasonally adjusted															
1985:															
June	97,442	81,082	24,897	936	4,671	19,290	72,545	5,238	5,736	17,379	5,939	21,893	2,872	3,835	9,653
July	97,672	81,222	24,875	928	4,679	19,268	72,797	5,241	5,740	17,404	5,964	21,998	2,879	3,851	9,720
August	97,890	81,428	24,880	922	4,702	19,256	73,010	5,219	5,762	17,464	5,988	22,115	2,886	3,855	9,721
September	98,128	81,592	24,843	917	4,728	19,198	73,285	5,257	5,777	17,489	6,014	22,212	2,899	3,878	9,759
October	98,428	81,853	24,903	913	4,754	19,236	73,525	5,280	5,796	17,543	6,038	22,313	2,895	3,895	9,785
November	98,666	82,073	24,931	907	4,765	19,259	73,735	5,272	5,796	17,589	6,070	22,410	2,904	3,901	9,788
December	98,910	82,281	24,977	901	4,787	19,289	73,933	5,277	5,809	17,622	6,095	22,501	2,913	3,904	9,812
1986:															
January	99,296	82,659	25,101	897	4,901	19,303	74,195	5,286	5,830	17,734	6,123	22,585	2,918	3,916	9,803
February	99,429	82,748	25,038	880	4,864	19,294	74,391	5,277	5,843	17,795	6,157	22,638	2,918	3,924	9,839
March	99,484	82,785	24,945	852	4,838	19,255	74,539	5,280	5,841	17,828	6,184	22,707	2,923	3,927	9,849
April	99,783	83,072	25,038	821	4,972	19,245	74,745	5,266	5,864	17,851	6,228	22,825	2,914	3,938	9,859
May ^p	99,908	83,165	24,964	788	4,976	19,200	74,944	5,262	5,868	17,903	6,256	22,912	2,923	3,933	9,887
June ^p	99,819	83,104	24,859	769	4,946	19,144	74,960	5,170	5,824	17,919	6,275	23,057	2,931	3,930	9,854

¹ Not available.

² Data include Alaska and Hawaii beginning in 1959. This inclusion resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

^p = preliminary.

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

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonagricultural payrolls by detailed industry

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^o	June 1986 ^o	May 1985	June 1985	Apr. 1986	May 1986 ^o	June 1986 ^o
Total		97,745	98,317	99,553	100,333	100,728	-	-	-	-	-
Total private		81,080	81,870	82,547	83,270	83,927	65,572	66,250	66,672	67,346	67,877
Mining		941	944	814	786	776	670	672	566	543	535
Metal mining	10	48.1	48.0	43.9	43.4	-	35.7	35.6	32.6	32.2	-
Iron ores	101	11.0	11.0	9.7	9.7	-	8.4	8.3	7.5	7.5	-
Copper ores	102	13.6	13.4	12.1	12.1	-	9.8	9.7	9.2	9.3	-
Coal mining	11,12	190.6	191.4	179.1	176.9	-	156.1	157.0	146.7	144.7	-
Bituminous coal and lignite mining	12	187.9	188.7	176.9	174.7	-	153.7	154.7	144.9	142.9	-
Oil and gas extraction	13	588.0	588.5	479.9	452.3	442.1	390.7	389.5	302.4	279.1	-
Crude petroleum, natural gas, and natural gas liquids	131,2	254.8	259.1	240.9	234.2	-	118.0	120.7	113.9	109.3	-
Oil and gas field services	138	333.2	329.4	239.0	218.1	-	272.7	268.8	188.5	169.8	-
Nonmetallic minerals, except fuels	14	114.5	116.4	110.8	113.7	-	87.8	89.5	83.9	87.0	-
Crushed and broken stone	142	39.5	40.1	38.0	39.5	-	32.1	32.9	30.6	32.0	-
Sand and gravel	144	35.7	36.6	34.4	35.7	-	-	-	-	-	-
Chemical and fertilizer minerals	147	20.4	20.3	20.0	19.9	-	-	-	-	-	-
Construction		4,707	4,865	4,783	5,001	5,154	3,696	3,840	3,725	3,936	4,066
General building contractors	15	1,241.3	1,289.7	1,260.0	1,309.8	1,346.6	930.6	972.5	926.9	975.0	-
Residential building construction	152	618.4	643.0	628.3	658.4	-	452.1	472.6	450.6	479.8	-
Operative builders	153	59.5	60.5	57.1	58.1	-	32.2	33.0	30.3	31.6	-
Nonresidential building construction	154	563.4	586.2	574.6	593.3	-	446.3	466.9	446.0	463.6	-
Heavy construction contractors	16	815.2	840.6	764.3	809.0	-	676.1	700.0	632.9	678.0	-
Highway and street construction	161	284.8	298.4	264.8	302.5	-	242.1	255.3	220.2	256.4	-
Heavy construction, except highway	162	530.4	542.2	499.5	506.5	-	434.0	444.7	412.7	421.6	-
Special trade contractors	17	2,650.6	2,734.3	2,758.7	2,882.0	-	2,088.8	2,167.1	2,165.6	2,282.9	-
Plumbing, heating, and air conditioning	171	602.9	621.3	622.9	635.3	-	443.5	459.4	455.4	466.5	-
Painting, paper hanging, and decorating	172	162.7	172.7	163.2	171.2	-	135.3	144.7	134.5	143.0	-
Electrical work	173	473.9	486.1	507.0	516.0	-	360.6	373.1	389.7	398.6	-
Masonry, stonework, and plastering	174	425.8	441.3	447.8	471.1	-	365.4	379.7	382.9	404.4	-
Carpentering and flooring	175	160.8	165.8	167.5	178.3	-	121.6	126.8	126.7	136.8	-
Roofing and sheet metal work	176	192.8	198.7	201.9	210.3	-	156.2	161.4	162.1	170.2	-
Manufacturing		19,296	19,420	19,154	19,173	19,269	13,121	13,204	12,997	13,011	13,092
Durable goods		11,552	11,599	11,390	11,390	11,396	7,702	7,721	7,538	7,539	7,541
Lumber and wood products	24	697.0	714.3	704.3	719.3	741.2	580.9	596.9	590.6	604.4	624.1
Logging camps and logging contractors	241	80.0	84.8	71.7	76.2	-	60.9	64.9	59.6	63.9	-
Sawmills and planing mills	242	197.2	200.2	194.5	197.2	-	174.2	177.1	172.0	174.7	-
Sawmills and planing mills, general	2421	162.5	165.5	160.2	162.3	-	143.9	146.8	142.0	144.1	-
Hardwood dimension and flooring	2426	31.3	31.3	30.8	31.3	-	27.4	27.4	27.0	27.6	-
Millwork, plywood, and structural members	243	227.9	234.7	248.1	254.1	-	189.8	196.3	205.1	210.8	-
Millwork	2431	87.6	91.4	95.6	98.1	-	70.8	74.5	76.7	79.2	-
Wood kitchen cabinets	2434	59.5	60.9	66.0	67.2	-	48.6	49.8	53.5	54.5	-
Hardwood veneer and plywood	2435	22.8	23.0	24.4	25.0	-	19.9	20.2	21.4	22.0	-
Softwood veneer and plywood	2436	36.6	37.6	40.2	40.7	-	33.6	34.5	36.8	37.2	-
Wood containers	244	41.9	42.7	42.0	42.8	-	35.7	36.4	35.5	36.2	-
Wood buildings and mobile homes	245	74.1	75.4	70.7	71.8	-	56.9	58.3	54.1	54.7	-
Mobile homes	2451	53.6	54.0	49.9	50.3	-	43.2	43.6	40.0	40.1	-
Miscellaneous wood products	249	75.9	76.5	77.3	77.2	-	63.4	63.9	64.3	64.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^P	June 1986 ^P	May 1985	June 1985	Apr. 1986	May 1986 ^P	June 1986 ^P
Durable goods—Continued											
Furniture and fixtures	25	487.7	490.3	495.3	493.3	494.8	389.0	390.8	396.1	394.4	396.9
Household furniture	251	292.4	293.2	297.2	294.7	-	244.3	244.9	249.8	247.6	-
Wood household furniture	2511	132.7	130.9	132.8	131.6	-	115.4	114.0	115.7	114.8	-
Upholstered household furniture	2512	89.4	91.6	91.8	91.3	-	73.1	75.0	75.9	75.4	-
Metal household furniture	2514	28.0	27.5	31.0	30.7	-	22.6	22.2	25.4	25.0	-
Mattresses and bedsprings	2515	29.3	29.5	28.6	28.4	-	22.3	22.4	21.9	21.8	-
Office furniture	252	64.8	65.8	65.7	65.8	-	49.5	50.3	50.7	50.7	-
Public building and related furniture	253	26.4	26.5	25.7	25.6	-	20.3	20.2	19.6	19.5	-
Partitions and fixtures	254	67.3	68.0	68.3	69.1	-	49.5	49.9	49.7	50.3	-
Miscellaneous furniture and fixtures	259	36.8	36.8	38.4	38.1	-	25.4	25.5	26.3	26.3	-
Stone, clay, and glass products	32	593.8	601.8	593.7	602.9	611.5	455.9	463.6	457.5	465.8	473.7
Flat glass	321	15.2	15.5	15.0	14.8	-	11.9	12.1	11.7	11.5	-
Glass and glassware, pressed or blown	322	92.0	92.2	91.4	92.5	-	77.9	78.1	77.7	78.9	-
Glass containers	3221	46.4	47.5	47.5	48.0	-	41.2	42.2	42.6	43.1	-
Pressed and blown glass, nec	3229	45.6	44.7	43.9	44.5	-	36.7	35.9	35.1	35.8	-
Products of purchased glass	323	49.6	50.3	52.6	53.0	-	34.3	34.9	37.0	37.2	-
Cement, hydraulic	324	23.6	24.0	22.7	22.8	-	18.4	18.9	17.7	17.8	-
Structural clay products	325	37.7	38.6	38.0	38.3	-	29.0	29.9	29.5	29.9	-
Pottery and related products	326	36.6	36.5	34.9	35.2	-	28.7	28.8	27.4	27.6	-
Concrete, gypsum, and plaster products	327	210.9	215.8	213.9	220.6	-	165.3	169.5	166.5	172.7	-
Concrete block and brick	3271	19.2	19.5	19.5	20.0	-	13.1	13.4	13.0	13.4	-
Concrete products, nec	3272	69.3	71.3	71.1	72.3	-	53.1	54.8	54.5	55.7	-
Ready-mixed concrete	3273	102.5	104.9	102.7	107.5	-	83.5	85.5	82.9	87.4	-
Misc. nonmetallic mineral products	329	116.1	116.8	113.3	113.7	-	80.9	81.8	80.5	80.9	-
Abrasive products	3291	21.6	21.6	20.0	20.0	-	13.8	13.9	13.2	13.2	-
Asbestos products	3292	11.1	11.1	10.5	10.6	-	8.4	8.4	7.9	8.0	-
Mineral wool	3296	27.0	27.4	26.8	27.1	-	-	-	-	-	-
Primary metal industries	33	824.4	823.3	790.2	786.5	771.2	624.0	622.6	600.4	597.7	582.2
Blast furnaces and basic steel products	331	312.8	312.6	294.7	292.7	293.7	239.2	238.9	227.6	226.6	227.3
Blast furnaces and steel mills	3312	245.0	244.3	228.8	227.1	-	188.8	188.3	179.3	178.1	-
Steel pipe and tubes	3317	24.2	24.3	23.0	22.5	-	17.9	17.8	16.6	16.3	-
Iron and steel foundries	332	144.3	144.9	138.4	138.0	-	113.8	114.4	109.3	108.9	-
Gray iron foundries	3321	90.8	91.1	87.0	86.5	-	73.8	74.4	71.3	70.9	-
Malleable iron foundries	3322	10.5	10.5	9.9	9.9	-	7.8	7.6	7.0	7.0	-
Steel foundries, nec	3325	29.4	29.7	27.8	27.9	-	22.0	22.2	20.5	20.6	-
Primary nonferrous metals	333	46.3	45.5	41.7	41.3	-	33.3	32.7	29.6	29.4	-
Primary aluminum	3334	25.1	24.8	23.7	23.4	-	18.9	18.6	17.3	17.2	-
Nonferrous rolling and drawing	335	190.7	189.5	187.7	187.6	-	135.3	134.1	133.9	133.5	-
Copper rolling and drawing	3351	24.9	24.7	23.5	23.6	-	18.8	18.6	18.1	18.1	-
Aluminum sheet, plate, and foil	3353	31.7	31.4	31.1	31.1	-	22.8	22.5	22.7	22.8	-
Nonferrous wire drawing and insulating	3357	80.9	80.0	80.5	80.2	-	58.6	57.8	57.2	56.7	-
Nonferrous foundries	336	86.0	86.4	84.6	84.2	-	69.5	69.5	67.9	67.6	-
Aluminum foundries	3361	53.7	53.9	52.3	52.0	-	44.1	44.1	42.6	42.4	-
Fabricated metal products	34	1,471.0	1,475.9	1,445.4	1,445.8	1,449.3	1,088.9	1,092.9	1,068.9	1,068.7	1,073.0
Metal cans and shipping containers	341	59.6	59.6	58.7	58.6	-	50.7	50.9	50.4	50.3	-
Metal cans	3411	47.5	47.4	47.0	46.8	-	41.1	41.3	41.2	41.1	-
Cutlery, hand tools, and hardware	342	144.3	143.5	142.1	142.6	-	106.9	106.1	104.4	104.7	-
Hand and edge tools, and hand saws and blades	3423,5	48.2	48.2	48.3	48.2	-	35.3	35.2	35.1	35.0	-
Hardware, nec	3429	83.5	82.5	80.3	80.8	-	63.2	62.4	60.1	60.5	-
Plumbing and heating, except electric	343	62.3	63.8	65.3	65.4	-	44.0	45.7	46.3	46.3	-
Plumbing fittings and brass goods	3432	24.5	24.6	25.7	25.6	-	18.0	18.2	18.9	18.6	-
Heating equipment, except electric	3433	26.9	28.3	28.5	28.5	-	17.8	19.2	19.1	19.2	-
Fabricated structural metal products	344	440.2	445.9	430.1	435.3	-	306.7	312.1	301.6	306.4	-
Fabricated structural metal	3441	79.3	79.3	74.4	74.4	-	56.4	56.5	52.9	52.7	-
Metal doors, sash, and trim	3442	87.9	90.4	89.5	93.3	-	64.7	67.1	66.1	69.7	-
Fabricated plate work (boiler shops)	3443	101.4	101.2	95.2	94.6	-	62.6	63.0	60.0	59.1	-
Sheet metal work	3444	109.8	111.2	108.1	109.1	-	81.0	82.1	79.4	80.7	-
Architectural metal work	3446	28.3	29.1	28.1	28.6	-	20.3	21.0	20.6	21.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Screw machine products, bolts, etc	345	98.5	97.9	97.6	96.8	-	75.6	75.0	74.4	73.8	-
Screw machine products	3451	47.0	46.4	45.8	45.1	-	38.2	37.7	37.0	36.5	-
Bolts, nuts, rivets, and washers	3452	51.5	51.5	51.8	51.7	-	37.4	37.3	37.4	37.3	-
Metal forgings and stampings	346	249.8	247.4	241.7	238.5	-	201.1	198.8	194.5	191.4	-
Iron and steel forgings	3462	36.7	35.9	33.8	33.2	-	28.2	27.5	26.1	25.5	-
Automotive stampings	3465	106.4	105.3	104.0	102.1	-	91.6	90.5	89.1	87.4	-
Metal stampings, nec	3469	95.9	95.5	93.1	92.4	-	73.3	73.0	71.3	70.6	-
Metal services, nec	347	111.6	111.9	113.2	113.6	-	89.0	89.5	91.0	91.1	-
Plating and polishing	3471	75.1	74.7	75.2	75.4	-	61.0	60.6	61.0	60.9	-
Metal coating and allied services	3479	36.5	37.2	38.0	38.2	-	28.0	28.9	30.0	30.2	-
Ordnance and accessories, nec	348	78.0	79.7	79.4	78.9	-	50.9	51.5	50.1	49.7	-
Ammunition, except for small arms, nec	3483	41.2	42.2	45.1	44.3	-	27.0	27.2	28.0	27.5	-
Misc. fabricated metal products	349	226.7	226.2	217.3	216.1	-	164.0	163.3	156.2	155.0	-
Valves and pipe fittings	3494	87.3	87.4	83.5	82.6	-	58.9	58.9	55.4	54.5	-
Misc. fabricated wire products	3496	51.5	51.5	51.3	51.2	-	39.1	39.0	38.8	38.7	-
Machinery, except electrical	35	2,203.5	2,200.7	2,115.0	2,102.1	2,097.2	1,326.5	1,322.3	1,269.8	1,258.4	1,254.0
Engines and turbines	351	104.3	104.0	99.7	98.2	-	65.4	64.7	63.0	60.6	-
Turbines and turbine generator sets	3511	32.9	33.0	32.3	32.8	-	17.1	16.9	17.3	17.1	-
Internal combustion engines, nec	3519	71.4	71.0	67.4	65.4	-	48.3	47.8	45.7	43.5	-
Farm and garden machinery	352	103.1	99.7	99.9	97.9	-	70.2	67.9	68.9	67.4	-
Farm machinery and equipment	3523	78.6	76.6	72.1	70.9	-	51.3	50.3	47.0	46.1	-
Construction and related machinery	353	256.0	255.1	235.5	231.5	-	158.6	158.0	143.9	141.4	-
Construction machinery	3531	88.5	87.2	84.0	84.0	-	54.7	53.5	51.5	51.4	-
Mining machinery	3532	20.7	20.9	19.0	19.0	-	12.8	13.1	11.9	11.9	-
Oil field machinery	3533	66.9	66.9	52.4	48.5	-	42.9	42.8	31.6	29.1	-
Conveyors and conveying equipment	3535	29.4	29.6	30.3	30.4	-	15.8	16.0	16.1	16.2	-
Industrial trucks and tractors	3537	25.4	25.5	24.9	24.9	-	16.7	16.8	17.5	17.7	-
Metalworking machinery	354	311.8	311.2	307.9	307.9	-	222.9	221.8	219.6	219.7	-
Machine tools, metal cutting types	3541	54.7	54.3	53.0	52.7	-	34.6	34.4	33.3	33.1	-
Machine tools, metal forming types	3542	19.0	19.1	18.5	18.7	-	11.7	11.7	11.1	11.2	-
Special dies, tools, jigs, and fixtures	3544	142.4	142.4	144.6	144.8	-	110.6	110.3	112.1	112.3	-
Machine tool accessories	3545	55.9	56.0	54.4	54.7	-	39.2	39.1	37.9	37.9	-
Power driven hand tools	3546	21.9	21.7	21.0	20.6	-	15.6	15.4	15.2	15.0	-
Special industry machinery	355	169.8	169.9	163.2	162.1	-	101.2	101.2	96.3	95.6	-
Food products machinery	3551	38.6	38.7	38.7	38.7	-	23.9	23.7	23.4	23.3	-
Textile machinery	3552	18.3	18.7	17.7	17.9	-	12.2	12.5	11.9	12.0	-
Printing trades machinery	3555	29.9	30.1	29.1	28.7	-	17.2	17.3	16.8	16.7	-
General industrial machinery	356	273.2	273.2	264.4	263.5	-	174.5	174.7	167.7	166.6	-
Pumps and pumping equipment	3561	51.0	51.6	48.6	48.3	-	29.8	30.4	29.0	28.4	-
Ball and roller bearings	3562	47.6	47.7	46.2	46.2	-	35.9	36.0	34.2	34.3	-
Air and gas compressors	3563	25.4	25.4	24.4	23.9	-	14.3	14.6	13.8	13.5	-
Blowers and fans	3564	32.3	31.9	31.7	31.9	-	20.1	19.8	20.0	20.1	-
Speed changers, drives, and gears	3566	21.2	21.2	20.7	20.3	-	14.9	14.9	14.2	13.8	-
Power transmission equipment, nec	3568	16.9	16.7	15.8	15.9	-	11.8	11.5	10.6	10.7	-
Office and computing machines	357	519.8	520.0	483.6	481.4	-	190.9	190.2	169.6	167.8	-
Electronic computing equipment	3573	456.5	457.1	420.1	418.8	-	159.5	159.0	138.8	137.9	-
Refrigeration and service machinery	358	175.5	175.3	172.0	173.0	-	122.4	122.4	121.1	122.0	-
Refrigeration and heating equipment	3585	125.4	125.5	122.9	124.1	-	89.4	89.4	88.7	89.7	-
Misc. machinery, except electrical	359	290.0	292.3	288.8	286.6	-	220.4	221.4	219.7	217.3	-
Carburetors, pistons, rings, and valves	3592	37.7	37.6	36.8	36.7	-	30.7	30.4	30.0	30.0	-
Machinery, except electrical, nec	3599	252.3	254.7	252.0	249.9	-	189.7	191.0	189.7	187.3	-
Electrical and electronic equipment	36	2,211.2	2,215.9	2,170.6	2,171.7	2,156.3	1,313.3	1,308.1	1,248.7	1,250.2	1,235.5
Electric distributing equipment	361	115.4	115.5	116.3	115.8	-	82.4	82.3	83.8	83.6	-
Transformers	3612	53.6	53.7	54.0	53.8	-	38.4	38.4	39.6	39.7	-
Switchgear and switchboard apparatus	3613	61.8	61.8	62.3	62.0	-	44.0	43.9	44.2	43.9	-
Electrical industrial apparatus	362	201.3	200.8	196.7	197.8	-	141.5	141.0	137.6	138.6	-
Motors and generators	3621	100.7	100.2	98.0	99.1	-	77.8	77.6	75.8	76.9	-
Industrial controls	3622	63.4	63.4	62.4	62.3	-	38.2	38.0	37.1	37.0	-
Household appliances	363	135.6	136.9	133.7	134.2	-	105.9	107.2	104.4	104.5	-
Household refrigerators and freezers	3632	24.9	26.0	26.8	27.4	-	19.2	20.3	21.2	21.4	-
Household laundry equipment	3633	20.7	21.4	22.0	21.7	-	16.1	16.6	17.5	17.2	-
Electric housewares and fans	3634	38.5	38.4	34.4	34.1	-	29.5	29.5	25.5	25.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Durable goods—Continued											
Electrical and electronic equipment—Continued											
Electric lighting and wiring equipment	364	196.2	196.0	194.6	193.8		141.9	141.7	140.5	140.1	
Electric lamps	3641	28.3	28.0	27.2	27.5		24.4	24.4	23.4	23.7	
Current-carrying wiring devices	3643	82.1	81.8	79.3	79.1		54.1	53.7	52.1	52.2	
Noncurrent-carrying wiring devices	3644	17.6	17.9	17.7	17.5		12.6	12.9	12.5	12.3	
Residential lighting fixtures	3645	24.6	24.5	26.6	25.9		18.3	18.0	20.0	19.5	-
Radio and TV receiving equipment	365	82.9	83.2	78.1	78.2		56.3	56.5	53.5	53.4	
Radio and TV receiving sets	3651	65.6	65.7	62.1	62.1		44.0	44.1	42.7	42.3	
Communication equipment	366	651.3	658.4	662.1	663.0		293.9	294.5	274.9	275.8	
Telephone and telegraph apparatus	3661	146.6	146.7	124.8	123.3		95.1	94.2	73.0	73.0	
Radio and TV communication equipment	3662	504.7	511.7	537.3	539.7		198.8	200.3	201.9	202.8	-
Electronic components and accessories	367	675.3	672.0	638.7	639.0		383.5	377.7	351.1	351.0	-
Electronic tubes	3671-3	43.6	43.4	42.6	42.3		26.9	26.5	25.4	25.3	-
Semiconductors and related devices	3674	283.4	282.6	267.3	268.6		111.6	109.2	99.5	100.5	-
Electronic components, nec	3679	272.6	270.9	259.7	258.6		189.1	186.7	174.8	173.3	-
Misc. electrical equipment and supplies	369	153.2	153.1	150.4	149.9		107.9	107.2	102.9	103.2	-
Storage batteries	3691	26.6	26.4	27.9	27.7		20.7	20.5	21.6	21.6	-
Engine electrical equipment	3694	64.9	65.0	63.8	63.7		49.8	49.6	47.1	47.4	-
Transportation equipment	37	1,973.4	1,979.4	1,986.3	1,980.1	1,981.2	1,264.1	1,261.0	1,249.0	1,243.5	1,240.0
Motor vehicles and equipment	371	886.7	888.5	852.6	845.9	845.3	691.7	690.8	658.3	652.2	649.6
Motor vehicles and car bodies	3711	411.8	411.3	389.9	383.8	-	313.0	310.7	291.0	285.1	-
Truck and bus bodies	3713	37.4	37.5	37.4	37.5		29.2	29.2	29.2	29.3	
Motor vehicle parts and accessories	3714	392.1	394.4	381.4	380.1		314.1	315.6	304.4	303.5	-
Truck trailers	3715	30.0	30.0	27.2	28.2		23.2	23.3	20.7	21.7	
Aircraft and parts	372	625.9	632.2	663.0	665.9		298.1	300.7	321.2	324.5	
Aircraft	3721	324.3	328.9	348.7	351.2		134.7	136.9	148.2	151.2	
Aircraft engines and engine parts	3724	145.8	146.3	147.6	147.7		73.8	73.6	74.9	74.9	
Aircraft equipment, nec	3728	155.8	157.0	166.7	167.0		89.6	90.2	98.1	98.4	
Ship and boat building and repairing	373	189.5	186.3	186.3	185.3		144.5	140.4	140.0	139.1	
Ship building and repairing	3731	141.1	139.0	136.8	136.3		105.1	102.0	99.8	99.5	
Boat building and repairing	3732	48.4	47.3	49.5	49.0		39.4	38.4	40.2	39.6	
Railroad equipment	374	33.6	33.8	30.8	28.2		23.5	23.4	21.5	19.0	
Guided missiles, space vehicles, and parts	376	170.3	171.9	186.3	187.5		60.0	60.0	62.2	62.7	
Guided missiles and space vehicles	3761	132.2	133.2	143.3	143.9		45.3	45.3	46.6	46.8	
Miscellaneous transportation equipment	379	53.8	53.2	54.4	54.4		36.6	36.0	36.7	36.9	
Travel trailers and campers	3792	21.1	20.8	21.5	21.3		16.7	16.4	16.9	16.5	-
Instruments and related products	38	721.2	727.5	721.6	719.9	724.1	394.1	396.8	391.5	390.1	393.3
Engineering and scientific instruments	381	83.2	84.1	83.8	83.5	-	36.9	37.2	36.5	36.5	-
Measuring and controlling devices	382	255.6	256.4	252.1	251.6		142.9	143.0	139.1	138.7	
Environmental controls	3822	43.3	43.3	42.7	42.4		27.5	27.5	27.4	27.4	
Process control instruments	3823	58.8	58.9	55.0	55.2		30.1	30.3	28.0	28.1	
Instruments to measure electricity	3825	109.9	110.4	109.8	109.4		57.9	57.8	55.5	54.9	
Optical instruments and lenses	383	34.0	34.0	32.5	32.3		17.7	17.6	16.2	16.0	
Medical instruments and supplies	384	173.2	174.6	182.1	182.9		103.8	104.5	110.3	110.5	
Surgical and medical instruments	3841	83.4	84.4	87.1	87.5		46.2	46.6	49.7	49.7	-
Surgical appliances and supplies	3842	75.8	76.2	79.9	80.4		49.5	49.8	52.2	52.5	
Ophthalmic goods	385	40.2	40.6	39.6	40.0		26.9	27.2	26.7	26.9	
Photographic equipment and supplies	386	122.5	125.3	120.4	118.9		57.0	58.2	55.0	54.1	
Watches, clocks, and watchcases	387	12.5	12.5	11.1	10.7		8.9	9.1	7.7	7.4	
Miscellaneous manufacturing	39	368.4	369.6	367.7	368.0	369.4	265.3	266.2	265.3	266.2	268.4
Jewelry, silverware, and plated ware	391	53.8	53.4	53.1	53.3	-	36.8	36.0	36.2	36.9	-
Jewelry, precious metal	3911	36.5	36.1	35.9	36.2		25.0	24.1	24.3	24.8	
Musical instruments	393	14.3	13.8	14.3	14.6		11.1	10.6	11.4	11.7	
Toys and sporting goods	394	98.0	98.1	97.4	98.2		72.8	73.1	71.7	72.5	
Dolls, games, toys, and children's vehicles	3942,4	45.5	46.6	44.2	45.3		32.6	33.6	30.3	31.5	
Sporting and athletic goods, nec	3949	52.5	51.5	53.2	52.9		40.2	39.5	41.4	41.0	
Pens, pencils, office, and art supplies	395	32.6	32.7	32.1	32.0		21.9	22.1	21.7	21.6	-
Costume jewelry and notions	396	39.7	40.5	39.1	39.0		30.1	30.9	29.7	29.8	
Costume jewelry	3961	21.9	22.7	21.6	21.4		16.5	17.3	16.4	16.4	
Miscellaneous manufactures	399	130.0	131.1	131.7	130.9		92.6	93.5	94.6	93.7	
Signs and advertising displays	3993	53.4	53.7	55.4	54.8		37.2	37.7	39.0	38.4	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Nondurable goods		7,744	7,821	7,764	7,783	7,873	5,419	5,483	5,459	5,472	5,551
Food and kindred products	20	1,563.9	1,610.1	1,572.8	1,598.4	1,649.9	1,080.5	1,123.3	1,089.0	1,110.8	1,158.5
Meat products	201	359.3	365.2	371.6	377.4	-	301.9	307.6	315.5	321.2	-
Meat packing plants	2011	139.6	141.3	140.3	141.8	-	115.3	117.1	117.3	118.9	-
Sausages and other prepared meats	2013	73.3	75.0	72.9	74.5	-	53.5	55.0	53.4	55.0	-
Poultry dressing plants	2016	126.5	128.7	134.8	137.7	-	115.4	117.5	123.4	126.1	-
Dairy products	202	162.6	167.1	162.0	165.3	-	96.5	100.3	95.6	98.4	-
Cheese, natural and processed	2022	38.8	40.2	39.0	39.9	-	30.2	31.4	29.6	30.5	-
Fluid milk	2026	86.4	87.8	87.1	87.9	-	41.4	42.4	42.4	43.1	-
Preserved fruits and vegetables	203	212.7	235.5	210.4	217.4	-	172.3	194.6	168.5	175.1	-
Canned specialties	2032	21.7	22.7	23.6	23.9	-	15.0	16.0	16.7	16.8	-
Canned fruits and vegetables	2033	66.4	75.8	67.0	70.2	-	52.4	61.1	52.4	55.7	-
Frozen fruits and vegetables	2037	49.9	56.5	47.2	50.4	-	43.4	50.2	40.5	43.7	-
Grain mill products	204	123.8	125.0	122.2	121.9	-	84.0	85.3	82.9	82.8	-
Flour and other grain mill products	2041	21.8	22.1	22.0	21.6	-	13.5	13.9	14.9	14.5	-
Prepared feeds, nec	2048	45.8	45.9	43.8	44.2	-	29.2	29.5	27.2	27.4	-
Bakery products	205	210.1	210.9	211.1	212.2	-	125.4	126.1	126.0	126.7	-
Bread, cake, and related products	2051	166.9	167.0	167.2	169.1	-	91.0	91.1	91.2	92.6	-
Cookies and crackers	2052	43.2	43.9	43.9	43.1	-	34.4	35.0	34.8	34.1	-
Sugar and confectionery products	206	86.8	88.1	88.1	91.3	-	65.5	67.1	67.1	69.7	-
Cane and beet sugar	2061-3	19.9	19.2	19.0	19.7	-	15.1	14.6	14.5	15.1	-
Confectionery products	2065	48.2	49.7	50.5	52.6	-	38.2	39.7	40.4	42.1	-
Fats and oils	207	34.4	33.9	35.2	35.1	-	25.1	24.6	25.8	25.8	-
Beverages	208	216.1	221.2	213.9	218.4	-	93.3	96.1	90.4	93.8	-
Malt beverages	2082	43.7	45.2	43.5	44.3	-	28.3	29.4	27.4	28.1	-
Bottled and canned soft drinks	2086	128.3	131.2	125.8	128.2	-	42.3	43.5	40.9	42.0	-
Misc. food and kindred products	209	158.1	163.2	158.3	159.4	-	116.5	121.6	117.2	117.3	-
Tobacco manufactures	21	60.3	61.0	59.3	58.3	58.8	44.3	44.9	43.8	42.3	43.0
Cigarettes	211	44.0	44.7	43.0	43.2	-	32.3	32.9	31.6	31.3	-
Textile mill products	22	703.5	704.4	703.6	706.0	710.4	607.2	608.1	607.9	610.7	614.8
Weaving mills, cotton	221	105.5	104.7	100.6	99.8	-	94.5	94.0	90.6	89.7	-
Weaving mills, synthetics	222	92.9	92.1	88.7	89.0	-	82.4	81.7	78.9	79.1	-
Weaving and finishing mills, wool	223	17.3	17.1	16.8	16.7	-	14.6	14.4	14.1	14.0	-
Narrow fabric mills	224	22.2	21.8	21.2	21.2	-	18.9	18.4	18.3	18.3	-
Knitting mills	225	196.8	199.5	202.5	205.2	-	171.6	174.1	176.1	178.8	-
Women's hosiery, except socks	2251	34.4	35.0	35.4	35.5	-	30.8	31.4	31.5	31.7	-
Hosiery, nec	2252	34.6	34.7	34.9	35.3	-	31.0	31.0	31.1	31.7	-
Knit outerwear mills	2253	63.3	64.5	66.8	68.3	-	55.4	56.8	58.5	59.9	-
Knit underwear mills	2254	24.5	24.8	23.8	23.9	-	20.6	20.8	19.7	19.7	-
Circular knit fabric mills	2257	21.9	22.0	23.0	23.5	-	18.7	18.8	19.9	20.5	-
Textile finishing, except wool	226	57.9	57.6	57.9	57.9	-	48.4	48.1	48.6	48.8	-
Finishing plants, cotton	2261	21.9	21.7	22.4	22.2	-	18.4	18.2	19.1	19.0	-
Finishing plants, synthetics	2262	21.8	21.8	21.5	21.2	-	17.9	17.9	17.5	17.3	-
Floor covering mills	227	53.8	54.2	57.4	57.4	-	43.4	43.7	47.4	47.3	-
Yarn and thread mills	228	101.3	101.7	103.0	103.5	-	89.8	90.2	91.2	91.9	-
Yarn mills, except wool	2281	71.8	72.2	73.6	73.9	-	64.6	64.9	66.3	66.6	-
Throwing and winding mills	2282	16.2	16.1	16.1	16.5	-	14.3	14.3	13.8	14.2	-
Miscellaneous textile goods	229	55.8	55.7	55.5	55.3	-	43.6	43.5	42.7	42.8	-
Apparel and other textile products	23	1,124.5	1,124.8	1,121.1	1,116.5	1,121.4	947.8	947.6	947.0	942.3	946.1
Men's and boys' suits and coats	231	63.2	63.1	60.1	60.7	-	55.2	55.1	51.8	52.3	-
Men's and boys' furnishings	232	312.6	316.5	320.0	321.2	-	270.2	273.7	277.2	278.4	-
Men's and boys' shirts and nightwear	2321	83.7	84.7	85.7	86.4	-	72.2	73.3	74.3	74.8	-
Men's and boys' separate trousers	2327	56.1	57.3	56.3	56.7	-	49.3	50.4	49.3	49.7	-
Men's and boys' work clothing	2328	97.1	98.2	100.6	100.8	-	84.3	85.4	88.1	88.4	-
Women's and misses' outerwear	233	365.5	360.9	362.1	355.0	-	305.1	299.9	304.3	296.9	-
Women's and misses' blouses and waists	2331	52.8	53.3	51.9	50.8	-	44.2	44.6	43.1	41.9	-
Women's and misses' dresses	2335	96.5	96.4	97.5	93.2	-	80.9	81.0	83.1	78.4	-
Women's and misses' suits and coats	2337	45.3	45.9	42.6	46.0	-	37.5	37.8	35.0	37.8	-
Women's and misses' outerwear, nec	2339	170.9	165.3	170.1	165.0	-	142.5	136.5	143.1	138.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^a	June 1986 ^a	May 1985	June 1985	Apr. 1986	May 1986 ^a	June 1986 ^a
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	75.9	76.7	76.8	76.0	-	63.6	64.4	64.3	63.2	-
Women's and children's underwear	2341	60.8	61.5	61.2	60.8	-	52.2	52.8	52.7	52.1	-
Brassieres and allied garments	2342	15.1	15.2	15.6	15.2	-	11.4	11.6	11.6	11.1	-
Children's outerwear	236	61.0	62.3	62.5	63.2	-	51.3	52.6	52.7	53.5	-
Children's dresses and blouses	2361	25.3	25.6	26.0	25.9	-	22.2	22.5	22.9	22.8	-
Misc. apparel and accessories	238	45.1	44.8	41.8	42.5	-	37.4	37.3	34.7	35.4	-
Misc. fabricated textile products	239	181.4	180.5	180.0	179.6	-	149.0	148.4	147.9	147.9	-
Curtains and draperies	2391	25.8	25.2	26.3	26.1	-	20.9	20.4	21.1	21.1	-
House furnishings, nec	2392	48.6	48.5	49.4	49.7	-	41.3	41.2	41.9	42.3	-
Automotive and apparel trimmings	2396	38.4	37.9	37.4	37.3	-	31.8	31.4	31.4	31.3	-
Paper and allied products	26	679.8	689.0	685.1	687.3	695.4	513.0	521.8	519.7	521.6	530.2
Paper and pulp mills	261,2,6	198.7	200.1	196.2	197.2	-	150.0	152.2	150.3	151.4	-
Paper mills, except building paper	262	175.1	176.8	171.8	172.5	-	131.0	133.3	130.9	131.6	-
Paperboard mills	263	55.7	56.2	54.8	54.8	-	42.8	43.1	42.0	41.9	-
Misc. converted paper products	264	229.0	233.2	236.6	237.9	-	168.5	171.7	174.2	175.1	-
Paper coating and glazing	2641	58.5	59.5	58.8	59.0	-	37.2	37.9	36.7	36.8	-
Envelopes	2642	26.4	26.8	27.6	27.7	-	20.4	20.3	21.2	21.4	-
Bags, except textile bags	2643	50.2	50.5	52.4	52.2	-	39.1	39.5	41.0	40.5	-
Paperboard containers and boxes	265	196.4	199.5	197.5	197.4	-	151.7	154.8	153.2	153.2	-
Folding paperboard boxes	2651	42.6	43.1	42.8	42.7	-	33.6	34.1	33.8	33.9	-
Corrugated and solid fiber boxes	2653	102.6	103.8	103.9	103.4	-	77.3	78.6	78.6	78.2	-
Sanitary food containers	2654	24.3	24.8	24.0	24.5	-	20.2	20.8	20.2	20.6	-
Printing and publishing	27	1,428.0	1,434.3	1,473.5	1,472.0	1,479.2	789.9	791.8	823.1	819.8	820.9
Newspapers	271	449.8	452.0	458.9	459.5	-	170.1	169.8	170.9	171.6	-
Periodicals	272	111.6	112.2	111.1	110.8	-	27.2	27.3	33.1	33.4	-
Books	273	109.4	108.6	115.0	114.9	-	55.4	55.5	62.0	60.8	-
Book publishing	2731	80.2	79.6	84.8	85.0	-	31.9	32.2	37.9	36.9	-
Book printing	2732	29.2	29.0	30.2	29.9	-	23.5	23.3	24.1	23.9	-
Miscellaneous publishing	274	72.4	73.7	79.5	79.6	-	39.6	39.9	43.3	42.8	-
Commercial printing	275	492.2	493.8	512.5	510.7	-	357.7	359.0	373.5	371.2	-
Commercial printing, letterpress	2751	158.7	158.7	166.8	166.2	-	116.5	116.3	122.2	121.6	-
Commercial printing, lithographic	2752	307.3	309.6	318.1	317.4	-	220.4	222.7	229.5	228.2	-
Manifold business forms	276	47.7	47.7	47.5	47.5	-	33.0	33.0	33.1	33.3	-
Blankbooks and bookbinding	278	70.2	71.3	73.6	73.6	-	56.7	57.4	59.5	59.1	-
Printing trade services	279	50.9	51.1	52.8	52.9	-	37.9	38.1	39.6	39.6	-
Chemicals and allied products	28	1,047.3	1,054.3	1,026.7	1,023.7	1,030.8	580.0	584.4	572.5	569.0	575.7
Industrial inorganic chemicals	281	143.7	143.9	138.5	137.6	-	73.1	73.0	71.0	70.2	-
Industrial inorganic chemicals, nec	2819	95.0	94.8	91.1	90.5	-	50.3	50.0	49.0	48.6	-
Plastics materials and synthetics	282	170.7	172.2	166.9	166.7	-	113.8	114.5	112.4	112.4	-
Plastics materials and resins	2821	75.0	76.1	74.1	74.3	-	45.1	45.7	44.6	44.8	-
Organic fibers, noncellulosic	2824	65.3	65.7	62.5	62.0	-	46.3	46.5	44.9	44.7	-
Drugs	283	205.2	206.9	204.3	204.7	-	94.5	96.0	96.1	95.7	-
Pharmaceutical preparations	2834	164.8	166.2	164.8	165.0	-	75.4	76.4	76.8	76.4	-
Soap, cleaners, and toilet goods	284	146.7	149.3	144.2	145.2	-	92.0	94.9	91.1	91.7	-
Soap and other detergents	2841	41.7	41.9	40.8	41.1	-	26.2	26.7	25.9	26.3	-
Toilet preparations	2844	65.7	67.8	63.4	63.6	-	44.2	46.4	43.3	43.4	-
Polishing, sanitation, and finishing preparations	2842,3	39.3	39.6	40.0	40.5	-	21.6	21.8	21.9	22.0	-
Paints and allied products	285	63.8	65.1	63.5	63.8	-	31.1	31.8	30.7	31.2	-
Industrial organic chemicals	286	160.4	160.9	155.3	155.0	-	81.1	81.2	81.5	81.5	-
Cyclic crudes and intermediates	2865	31.2	31.2	30.1	30.1	-	19.5	19.9	20.0	20.0	-
Gum, wood, and industrial organic chemicals, nec	2861,9	129.2	129.7	125.2	124.9	-	61.6	61.3	61.5	61.5	-
Agricultural chemicals	287	62.1	60.3	60.0	56.6	-	39.6	37.7	37.5	33.9	-
Miscellaneous chemical products	289	94.7	95.7	94.0	94.1	-	54.8	55.3	52.2	52.4	-
Petroleum and coal products	29	181.6	182.7	165.4	166.4	167.7	109.0	109.9	102.6	104.1	105.7
Petroleum refining	291	142.9	143.4	128.8	128.3	-	81.4	81.6	77.0	76.9	-
Paving and roofing materials	295	27.3	27.8	25.6	27.0	-	20.8	21.4	19.3	20.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Nondurable goods—Continued											
Rubber and misc. plastics products	30	788.8	792.5	800.8	800.0	805.0	610.4	611.9	624.6	623.6	628.0
Tires and inner tubes	301	96.3	94.5	89.4	87.6	-	68.3	65.4	64.1	62.7	-
Rubber and plastics footwear	302	14.1	13.7	12.3	11.9	-	11.9	11.6	10.4	10.1	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	22.4	22.6	21.7	21.6	-	14.7	15.0	14.7	14.7	-
Fabricated rubber products, nec	306	108.0	108.7	108.8	108.4	-	82.5	83.1	83.6	83.3	-
Miscellaneous plastics products	307	548.0	553.0	568.6	570.5	-	433.0	436.8	451.8	452.8	-
Leather and leather products	31	166.0	167.9	155.9	154.6	154.8	137.1	139.4	128.9	127.7	127.6
Leather tanning and finishing	311	15.3	15.5	14.4	14.4	-	12.5	12.8	11.9	11.9	-
Footwear, except rubber	314	100.7	101.8	93.9	93.3	-	85.1	86.6	79.4	79.0	-
Men's footwear, except athletic	3143	43.2	43.1	40.1	39.9	-	34.8	35.1	32.3	32.3	-
Women's footwear, except athletic	3144	35.7	36.6	33.5	33.3	-	31.3	32.3	29.4	29.1	-
Luggage	316	11.1	11.0	10.9	10.8	-	8.3	8.1	7.9	7.8	-
Handbags and personal leather goods	317	20.6	21.0	19.6	18.9	-	16.5	16.8	15.7	15.0	-
Transportation and public utilities		5,247	5,287	5,229	5,267	5,219	4,347	4,382	4,327	4,365	4,313
Transportation		3,016	3,036	3,016	3,048	3,075	-	-	-	-	-
Railroad transportation	40	367.1	366.0	329.0	331.2	-	-	-	-	-	-
Class I railroads ²	4011	331.2	330.5	297.9	300.4	-	-	-	-	-	-
Local and interurban passenger transit	41	291.5	279.0	290.8	295.8	-	269.6	258.2	269.8	274.6	-
Local and suburban transportation	411	92.2	93.0	95.0	95.8	-	84.5	85.5	87.5	88.4	-
Taxicabs	412	38.7	38.1	37.4	37.2	-	-	-	-	-	-
Intercity highway transportation	413	36.3	37.5	35.1	36.9	-	33.3	34.4	31.8	33.6	-
School buses	415	100.8	87.1	99.7	100.3	-	-	-	-	-	-
Trucking and warehousing	42	1,347.9	1,373.3	1,370.6	1,384.5	-	1,172.2	1,194.0	1,190.4	1,202.8	-
Trucking and trucking terminals	421,3	1,257.4	1,282.1	1,278.2	1,292.7	-	1,096.6	1,118.1	1,112.8	1,126.2	-
Public warehousing	422	90.5	91.2	92.4	91.8	-	75.6	75.9	77.6	76.6	-
Water transportation	44	195.2	196.4	176.9	182.9	-	-	-	-	-	-
Local water transportation	445	27.9	28.4	26.6	28.4	-	-	-	-	-	-
Water transportation services	446	108.6	108.6	93.2	96.6	-	-	-	-	-	-
Transportation by air	45	517.3	520.5	540.8	547.7	-	-	-	-	-	-
Air transportation	451,2	454.9	457.5	474.3	480.9	-	-	-	-	-	-
Air transportation services	458	62.4	63.0	66.5	66.8	-	-	-	-	-	-
Pipe lines, except natural gas	46	18.5	19.2	18.3	18.0	-	13.2	13.7	13.3	13.2	-
Transportation services	47	278.5	281.5	289.1	288.1	-	-	-	-	-	-
Freight forwarding	471	60.5	61.2	66.5	66.8	-	-	-	-	-	-
Communication and public utilities		2,231	2,251	2,213	2,219	2,144	-	-	-	-	-
Communication	48	1,322.1	1,326.7	1,296.7	1,295.7	-	1,008.4	1,010.9	994.5	995.4	-
Telephone communication	481	920.3	920.2	881.6	879.6	-	687.9	687.1	659.7	658.8	-
Radio and television broadcasting	483	239.7	241.8	242.9	243.3	-	194.6	196.6	199.7	201.0	-
Radio broadcasting	4832	114.3	115.0	116.0	116.3	-	-	-	-	-	-
Television broadcasting	4833	125.4	126.8	126.9	127.0	-	-	-	-	-	-
Electric, gas, and sanitary services	49	909.3	924.2	916.6	922.8	-	724.4	738.8	728.1	734.9	-
Electric services	491	446.2	451.3	451.9	454.3	-	347.5	352.0	349.3	352.0	-
Gas production and distribution	492	173.1	177.6	163.7	164.6	-	135.6	140.0	128.6	129.2	-
Combination utility services	493	200.9	204.0	205.3	206.5	-	164.9	168.2	169.2	170.6	-
Sanitary services	495	63.2	65.0	68.8	69.9	-	55.3	56.9	59.2	60.6	-
Wholesale trade		5,713	5,767	5,838	5,858	5,854	4,597	4,643	4,684	4,702	4,697
Durable goods	50	3,396	3,429	3,478	3,485	3,470	2,718	2,746	2,770	2,776	-
Motor vehicles and automotive equipment	501	431.7	435.3	426.4	427.0	-	346.7	349.8	341.3	342.1	-
Automobiles and other motor vehicles	5012	108.3	108.5	107.3	106.9	-	-	-	-	-	-
Automotive parts and supplies	5013	291.6	294.6	287.5	287.8	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^P	June 1986 ^P	May 1985	June 1985	Apr. 1986	May 1986 ^P	June 1986 ^P
Wholesale trade—Continued											
Durable goods—Continued											
Furniture and home furnishings	502	129.4	130.3	132.9	133.2	-	105.5	106.4	107.0	107.4	-
Furniture	5021	55.8	56.2	57.5	57.3	-	-	-	-	-	-
Home furnishings	5023	73.6	74.1	75.4	75.9	-	-	-	-	-	-
Lumber and construction materials	503	214.4	217.8	224.1	228.0	-	175.2	178.6	184.2	187.4	-
Lumber, plywood, and millwork	5031	98.3	99.5	102.8	104.6	-	-	-	-	-	-
Construction materials, nec	5039	116.1	118.3	121.3	123.4	-	-	-	-	-	-
Sporting goods, toys, and hobby goods	504	78.5	80.8	83.8	84.0	-	64.8	67.1	68.7	69.0	-
Metals and minerals, except petroleum	505	139.6	141.1	139.8	139.3	-	111.3	112.8	110.3	110.0	-
Electrical goods	506	498.6	501.9	500.2	498.1	-	388.8	391.3	385.0	383.1	-
Electrical apparatus and equipment	5063	269.9	271.9	271.7	271.1	-	-	-	-	-	-
Electrical appliances, TV and radios	5064	74.8	74.8	74.8	74.2	-	-	-	-	-	-
Electronic parts and equipment	5065	153.9	155.2	153.7	152.8	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	253.1	256.4	262.1	264.6	-	202.8	205.7	209.5	212.0	-
Hardware	5072	86.3	87.2	88.1	88.8	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	102.6	103.6	105.7	106.2	-	-	-	-	-	-
Machinery, equipment, and supplies	508	1,452.5	1,466.7	1,509.2	1,510.6	-	1,161.8	1,174.3	1,203.6	1,203.2	-
Commercial machines and equipment	5081	516.9	522.7	548.4	550.4	-	-	-	-	-	-
Construction and mining machinery	5082	80.4	80.7	81.7	82.1	-	-	-	-	-	-
Farm machinery and equipment	5083	131.6	133.4	127.5	128.7	-	-	-	-	-	-
Industrial machinery and equipment	5084	314.2	317.1	321.8	318.4	-	-	-	-	-	-
Industrial supplies	5085	134.0	134.8	133.6	133.8	-	-	-	-	-	-
Professional equipment and supplies	5086	169.7	171.1	178.7	178.8	-	-	-	-	-	-
Miscellaneous durable goods	509	198.6	198.6	199.7	200.6	-	160.6	160.1	160.1	161.4	-
Scrap and waste materials	5093	94.7	94.2	91.2	91.2	-	-	-	-	-	-
Nondurable goods	51	2,317	2,338	2,360	2,373	2,384	1,879	1,897	1,914	1,926	-
Paper and paper products	511	182.8	184.4	189.1	189.2	-	148.4	149.9	153.8	153.4	-
Drugs, proprietaries, and sundries	512	165.8	166.4	170.8	171.6	-	136.8	137.4	142.2	142.3	-
Apparel, piece goods, and notions	513	185.7	187.4	194.7	194.4	-	140.0	140.7	145.4	144.9	-
Groceries and related products	514	727.9	738.9	759.1	764.5	-	616.6	626.1	642.5	649.5	-
Groceries, general line	5141	233.3	235.9	243.9	244.3	-	-	-	-	-	-
Meats and meat products	5147	65.0	65.2	64.9	65.3	-	-	-	-	-	-
Fresh fruits and vegetables	5148	89.7	93.8	105.6	108.4	-	-	-	-	-	-
Chemicals and allied products	516	132.8	135.0	130.4	131.0	-	95.4	96.9	94.0	94.2	-
Petroleum and petroleum products	517	205.8	207.9	201.6	203.5	-	158.1	160.2	155.9	157.2	-
Petroleum bulk stations and terminals	5171	84.4	85.7	83.1	83.6	-	-	-	-	-	-
Petroleum products, nec	5172	121.4	122.2	118.5	119.9	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	150.5	153.6	149.1	150.4	-	125.4	128.2	122.8	123.8	-
Beer and ale	5181	93.3	95.6	92.8	94.2	-	-	-	-	-	-
Wines and distilled beverages	5182	57.2	58.0	56.3	56.2	-	-	-	-	-	-
Miscellaneous nondurable goods	519	434.4	434.5	436.5	440.5	-	351.3	351.3	353.2	356.9	-
Farm supplies	5191	157.1	155.7	155.6	156.6	-	-	-	-	-	-
Retail trade		17,327	17,525	17,655	17,903	18,080	15,432	15,615	15,689	15,927	16,068
Building materials and garden supplies	52	704.8	711.0	690.9	709.2	-	595.6	601.3	581.4	598.3	-
Lumber and other building materials	521	364.1	373.1	363.0	373.3	-	309.6	318.4	307.9	317.4	-
Hardware stores	525	161.4	163.7	155.6	158.6	-	138.9	140.4	131.2	134.2	-
General merchandise stores	53	2,265.2	2,275.5	2,255.1	2,274.7	2,286.9	2,110.3	2,128.5	2,117.4	2,138.7	-
Department stores	531	1,902.9	1,910.7	1,900.6	1,915.1	-	1,787.4	1,803.9	1,803.4	1,819.5	-
Variety stores	533	221.9	222.9	223.4	227.2	-	201.9	202.2	201.5	205.0	-
Misc. general merchandise stores	539	140.4	141.9	131.1	132.4	-	121.0	122.4	112.5	114.2	-
Food stores	54	2,749.7	2,785.2	2,878.4	2,897.7	2,935.3	2,544.5	2,575.4	2,657.1	2,676.3	-
Grocery stores	541	2,400.1	2,434.5	2,510.1	2,525.0	-	2,233.3	2,266.1	2,331.1	2,345.0	-
Meat markets and freezer provisioners	542	59.5	60.4	63.0	63.6	-	-	-	-	-	-
Dairy products stores	545	39.1	40.4	46.4	45.3	-	-	-	-	-	-
Retail bakeries	546	157.5	158.0	161.7	163.2	-	141.6	142.4	145.8	147.9	-
Automotive dealers and service stations	55	1,896.8	1,915.5	1,932.6	1,948.6	1,967.8	1,591.7	1,610.8	1,614.5	1,629.2	-
New and used car dealers	551,2	901.5	909.8	932.4	934.4	-	747.5	754.7	774.1	775.5	-
Auto and home supply stores	553	305.2	309.7	304.0	309.2	-	244.9	249.7	244.1	248.9	-
Gasoline service stations	554	593.7	598.4	603.8	608.5	-	521.4	526.7	521.8	526.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Retail trade—Continued											
Apparel and accessory stores	56	1,016.2	1,031.0	1,058.7	1,058.3	-	851.6	865.0	891.4	890.8	-
Men's and boys' clothing and furnishings	561	109.7	110.5	108.4	109.3	-	90.7	91.5	90.1	91.0	-
Women's ready-to-wear stores	562	369.0	373.9	390.8	391.8	-	310.7	314.4	332.2	333.2	-
Family clothing stores	565	212.0	216.6	218.3	220.5	-	183.6	187.6	188.5	190.4	-
Shoe stores	566	205.9	208.4	211.9	207.6	-	166.8	169.0	170.8	166.8	-
Furniture and home furnishings stores	57	718.5	726.5	772.3	776.7	-	592.3	599.0	640.5	644.6	-
Furniture and home furnishings stores	571	410.0	416.3	429.4	432.9	-	335.1	339.8	352.4	355.3	-
Furniture stores	5712	260.4	263.6	269.8	271.2	-	-	-	-	-	-
Household appliance stores	572	84.3	85.1	85.8	86.5	-	71.5	72.6	72.8	73.7	-
Radio, television, and music stores	573	224.2	225.1	257.1	257.3	-	185.7	186.6	215.3	215.6	-
Radio and television stores	5732	163.5	164.2	185.9	186.0	-	-	-	-	-	-
Music stores	5733	60.7	60.9	71.2	71.3	-	-	-	-	-	-
Eating and drinking places	58	5,813.9	5,923.2	5,859.4	6,006.5	6,118.8	5,303.6	5,397.9	5,319.1	5,460.6	-
Miscellaneous retail	59	2,161.6	2,157.0	2,207.9	2,231.5	-	1,842.0	1,837.7	1,868.0	1,888.8	-
Drug stores and proprietary stores	591	537.5	540.5	555.7	557.1	-	464.0	466.8	474.2	474.7	-
Liquor stores	592	126.2	127.6	128.6	129.0	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	691.2	697.1	728.9	732.8	-	580.6	587.2	608.7	611.7	-
Sporting goods and bicycle shops	5941	113.4	114.7	123.3	123.6	-	-	-	-	-	-
Book stores	5942	69.6	67.0	76.9	74.7	-	-	-	-	-	-
Stationery stores	5943	73.9	74.2	76.7	76.4	-	-	-	-	-	-
Jewelry stores	5944	140.7	141.6	146.3	147.5	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	133.9	136.1	131.7	134.6	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	63.4	65.1	68.3	68.2	-	-	-	-	-	-
Nonstore retailers	596	258.4	257.5	254.6	253.9	-	232.0	231.8	229.6	229.0	-
Mail order houses	5961	120.5	119.2	120.3	118.8	-	-	-	-	-	-
Merchandising machine operators	5962	83.2	83.1	81.9	82.1	-	-	-	-	-	-
Fuel and ice dealers	598	103.8	102.8	110.3	109.3	-	86.8	85.7	92.4	91.5	-
Retail stores, nec	599	367.8	354.6	350.4	370.4	-	308.0	294.2	289.3	308.3	-
Finance, insurance, and real estate²		5,912	5,994	6,203	6,255	6,334	4,384	4,459	4,580	4,621	4,685
Finance		2,951	2,986	3,111	3,128	3,165					
Banking	60	1,701.7	1,721.5	1,746.2	1,752.3		1,247.7	1,265.7	1,271.4	1,275.7	
Commercial and stock savings banks	602	1,541.2	1,558.4	1,574.2	1,578.7		1,123.3	1,139.3	1,141.1	1,144.3	
State banks, Federal Reserve	6022	333.7	336.7	342.9	345.0		-	-	-	-	
State banks, not Federal Reserve	6023,4	375.0	380.2	382.8	384.4		-	-	-	-	
Mutual savings banks	603	78.7	79.7	82.6	83.1		-	-	-	-	
Credit agencies other than banks	61	741.4	750.6	821.3	828.1		563.2	571.2	624.9	630.3	
Savings and loan associations	612	346.9	349.9	367.8	371.1		266.2	268.2	281.0	284.0	
Federal savings and loan associations	6122	194.3	196.4	206.9	209.0		-	-	-	-	
State associations, insured	6123	142.8	143.7	150.0	151.1		-	-	-	-	
Personal credit institutions	614	210.3	212.5	229.4	227.7		163.3	165.3	180.2	178.4	
Business credit institutions	615	47.0	47.9	53.7	53.9		-	-	-	-	
Mortgage bankers and brokers	616	113.1	116.2	146.2	151.3		-	-	-	-	
Security, commodity brokers, and services	62	348.4	352.5	375.1	377.5		-	-	-	-	
Security brokers and dealers	621	278.2	281.3	299.5	300.9		-	-	-	-	
Holding and other investment offices	67	159.2	161.6	168.3	169.9		-	-	-	-	
Insurance		1,820	1,833	1,906	1,916	1,929					
Insurance carriers	63	1,277.8	1,285.8	1,315.5	1,321.2		875.9	880.5	893.0	896.2	
Life insurance	631	552.5	556.1	555.9	555.7		343.2	344.6	338.4	337.7	
Medical service and health insurance	632	168.0	169.3	178.4	179.1		136.1	137.3	144.8	145.2	
Fire, marine, and casualty insurance	633	471.2	473.6	487.2	490.1		329.8	331.6	337.6	339.5	
Title insurance	636	49.7	50.3	55.3	56.9		-	-	-	-	
Insurance agents, brokers, and service	64	542.5	547.5	590.3	594.6						

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Finance, insurance, and real estate—Continued											
Real estate, and combined real estate, insurance, etc		1,141	1,175	1,186	1,211	1,240	-	-	-	-	-
Real estate	65	1,126.9	1,161.2	1,172.3	1,196.9	-	-	-	-	-	
Real estate operators and lessors	651	505.9	521.0	510.8	515.7	-	-	-	-	-	
Real estate agents and managers	653	443.7	459.6	485.6	492.9	-	-	-	-	-	
Subdividers and developers	655	152.1	155.0	148.3	159.6	-	-	-	-	-	
Combined real estate, insurance, etc	66	14.0	14.1	14.1	14.0	-	-	-	-	-	
Services		21,937	22,068	22,871	23,027	23,241	19,325	19,435	20,104	20,241	20,421
Hotels and other lodging places	70	1,348.7	1,392.0	1,330.0	1,372.9	-	-	-	-	-	
Hotels, motels, and tourist courts	701	1,306.1	1,341.7	1,294.0	1,329.7	1,174.7	1,206.1	1,158.1	1,194.3	-	
Personal services	72	1,055.4	1,047.0	1,133.1	1,114.0	-	-	-	-	-	
Laundry, cleaning, and garment services	721	378.7	381.2	392.4	398.6	-	338.0	340.8	349.8	355.0	
Photographic studios, portrait	722	53.5	54.1	51.7	52.4	-	-	-	-	-	
Beauty shops	723	336.0	335.4	348.2	350.4	-	302.6	302.1	315.2	317.3	
Funeral service and crematories	726	74.9	75.1	76.2	76.9	-	-	-	-	-	
Business services	73	4,394.0	4,450.9	4,707.6	4,738.2	4,826.5	3,807.2	3,858.8	4,052.5	4,076.7	
Advertising	731	193.2	194.4	192.8	192.2	-	144.2	144.5	141.6	141.7	
Advertising agencies	7311	144.4	145.2	144.3	143.5	-	-	-	-	-	
Credit reporting and collection	732	86.3	87.6	95.5	97.5	-	-	-	-	-	
Mailing, reproduction, and stenographic	733	179.3	179.8	200.8	199.5	-	-	-	-	-	
Services to buildings	734	653.7	657.7	696.5	701.4	-	595.5	598.7	624.8	630.1	
Personnel supply services	736	901.4	912.2	974.2	985.7	-	-	-	-	-	
Employment agencies	7361	166.2	167.5	169.9	172.1	-	-	-	-	-	
Temporary help supply services	7362	688.8	698.4	757.9	767.7	-	-	-	-	-	
Computer and data processing services	737	531.4	540.7	574.3	576.4	-	438.0	446.0	464.8	466.8	
Computer programming and software	7372	190.7	194.3	209.3	210.7	-	-	-	-	-	
Data processing services	7374	250.6	255.4	267.5	268.2	-	-	-	-	-	
Miscellaneous business services	739	1,840.3	1,870.0	1,964.7	1,976.8	-	-	-	-	-	
Research development laboratories, nec	7391	179.9	182.9	189.2	189.8	-	-	-	-	-	
Management and public relations	7392	497.2	507.0	549.2	549.6	-	-	-	-	-	
Detective and protective services	7393	408.5	415.3	438.0	440.1	-	-	-	-	-	
Equipment rental and leasing	7394	182.6	186.8	183.2	187.1	-	-	-	-	-	
Photofinishing laboratories	7395	78.4	79.5	77.5	79.4	-	-	-	-	-	
Auto repair, services, and garages	75	727.1	733.6	751.9	757.5	-	610.8	615.9	628.6	633.7	
Automotive rentals, without drivers	751	149.5	153.6	157.1	162.9	-	-	-	-	-	
Automotive repair shops	753	448.2	450.2	456.3	456.8	-	373.9	375.2	378.1	379.5	
Miscellaneous repair services	76	319.9	322.5	329.0	330.8	-	266.3	268.9	273.1	275.1	
Electrical repair shops	762	101.2	102.0	103.3	104.6	-	-	-	-	-	
Motion pictures	78	215.3	222.4	218.7	215.5	-	182.7	189.1	186.5	181.5	
Motion picture production and services	781	94.3	94.1	103.5	98.9	-	77.6	77.1	86.7	80.3	
Motion picture theaters	783	110.1	117.3	103.9	105.5	-	-	-	-	-	
Amusement and recreation services	79	869.9	939.5	864.4	955.4	-	767.7	831.8	767.2	856.0	
Health services	80	6,275.1	6,319.6	6,504.7	6,533.7	6,579.2	5,587.2	5,629.4	5,778.3	5,804.6	
Offices of physicians	801	942.1	949.7	999.0	1,004.9	-	781.5	789.2	826.0	831.7	
Offices of dentists	802	436.6	438.6	452.9	455.1	-	389.8	390.6	399.0	401.2	
Nursing and personal care facilities	805	1,198.8	1,215.5	1,263.5	1,273.3	-	1,083.8	1,099.7	1,141.0	1,149.1	
Skilled nursing care facilities	8051	788.0	798.8	831.1	836.8	-	-	-	-	-	
Nursing and personal care, nec	8059	410.8	416.7	432.4	436.5	-	-	-	-	-	
Hospitals	806	2,994.9	3,005.7	3,020.8	3,022.7	-	2,730.9	2,741.4	2,753.2	2,755.2	
General medical and surgical hospitals	8062	2,811.9	2,820.7	2,837.0	2,838.2	-	-	-	-	-	
Psychiatric hospitals	8063	57.5	58.2	58.6	58.8	-	-	-	-	-	
Specialty hospitals, excluding psychiatric	8069	125.5	126.8	125.2	125.7	-	-	-	-	-	
Medical and dental laboratories	807	118.0	118.8	125.6	126.7	-	-	-	-	-	
Outpatient care facilities	808	212.0	215.2	239.8	242.5	-	-	-	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Services—Continued											
Legal services	81	680.1	705.3	713.3	719.9	-	577.4	600.2	603.0	607.6	-
Educational services	82	1,369.5	1,224.1	1,457.6	1,403.5	-	-	-	-	-	-
Elementary and secondary schools	821	384.0	362.9	399.2	400.4	-	-	-	-	-	-
Colleges and universities	822	847.3	724.7	917.2	860.8	-	-	-	-	-	-
Correspondence and vocational schools	824	65.7	64.0	68.6	68.7	-	-	-	-	-	-
Social services	83	1,336.4	1,327.9	1,423.3	1,426.5	-	-	-	-	-	-
Individual and family services	832	258.3	259.4	277.3	278.5	-	-	-	-	-	-
Job training and related services	833	206.9	210.6	214.4	215.6	-	-	-	-	-	-
Residential care	836	289.6	293.4	305.5	307.6	-	-	-	-	-	-
Museums, botanical and zoological gardens	84	43.0	44.0	43.6	45.5	-	-	-	-	-	-
Membership organizations	86	1,523.1	1,526.8	1,512.4	1,517.9	-	-	-	-	-	-
Business associations	861	88.2	88.9	89.7	90.2	-	-	-	-	-	-
Labor organizations	863	138.9	138.4	143.0	144.5	-	-	-	-	-	-
Civic and social associations	864	339.4	346.1	332.6	334.3	-	-	-	-	-	-
Miscellaneous services	89	1,199.1	1,219.0	1,302.0	1,289.0	-	980.3	1,000.3	1,067.3	1,053.3	-
Engineering and architectural services	891	656.0	674.2	701.2	708.7	-	548.4	566.1	591.8	598.4	-
Noncommercial research organizations	892	114.4	115.5	120.2	120.4	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	893	403.4	403.8	453.4	432.5	-	321.0	322.2	359.7	338.5	-
Government		16,665	16,447	17,006	17,063	16,801	-	-	-	-	-
Federal Government⁴		2,879	2,915	2,908	2,935	2,975	-	-	-	-	-
Executive, by agency ⁴		2,822.7	2,755.0	2,851.9	-	-	-	-	-	-	-
Department of Defense		988.5	966.4	986.4	-	-	-	-	-	-	-
Postal Service ⁵		737.6	713.5	785.6	-	-	-	-	-	-	-
Other executive agencies		1,096.6	1,075.1	1,079.9	-	-	-	-	-	-	-
Legislative		39.4	39.4	37.3	-	-	-	-	-	-	-
Judicial		17.3	17.1	18.3	-	-	-	-	-	-	-
Federal government, by industry:											
Manufacturing activities		132.0	132.4	126.6	125.6	-	-	-	-	-	-
Shipbuilding and repairing	3731	80.8	80.6	76.4	75.8	-	-	-	-	-	-
Transportation and public utilities, except Postal Service		41.5	42.2	39.7	39.6	-	-	-	-	-	-
Services		412.1	414.5	408.5	410.0	-	-	-	-	-	-
Hospitals	806	248.0	249.2	249.6	249.1	-	-	-	-	-	-
State government		3,883	3,731	4,032	3,984	3,824	-	-	-	-	-
Hospitals	806	450.6	452.4	458.3	456.9	-	-	-	-	-	-
Education	82	1,596.1	1,410.8	1,692.5	1,634.7	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		1,244.5	1,261.6	1,286.3	1,290.3	-	-	-	-	-	-
Local government		9,903	9,801	10,066	10,144	10,002	-	-	-	-	-
Transportation and public utilities		499.7	504.2	512.4	513.9	-	-	-	-	-	-
Hospitals	806	611.5	614.3	616.8	618.5	-	-	-	-	-	-
Education	82	5,610.2	5,353.4	5,735.4	5,766.5	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		2,876.5	3,002.7	2,897.6	2,933.1	-	-	-	-	-	-

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

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

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

⁴ Prepared by the Office of Personnel Management. Data relate to

civilian employment only and exclude the Central Intelligence Agency and the National Security Agency.

⁵ Includes rural mail carriers.

- Data not available.

^p = preliminary.

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

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986	Apr. 1986
Total	43,424	43,686	44,906	45,178	45,494
Total private	35,085	35,344	36,311	36,543	36,859
Goods-producing	6,806	6,806	6,825	6,839	6,855
Mining	121	121	119	117	113
Construction	442	453	481	489	500
Manufacturing	6,243	6,232	6,225	6,233	6,242
Durable goods	3,062	3,050	3,004	3,011	3,016
Lumber and wood products	103	104	108	110	110
Furniture and fixtures	152	152	154	155	155
Stone, clay, and glass products	113	113	112	112	113
Primary metal industries	106	105	102	102	102
Fabricated metal products	325	325	321	322	324
Machinery, except electrical	494	489	462	462	462
Electrical and electronic equipment	945	935	902	901	901
Transportation equipment	348	351	368	368	369
Instruments and related products	310	310	310	312	311
Miscellaneous manufacturing	167	166	165	167	169
Nondurable goods	3,181	3,182	3,221	3,222	3,226
Food and kindred products	470	469	484	483	482
Tobacco manufactures	22	21	22	21	20
Textile mill products	335	337	339	340	341
Apparel and other textile products	910	906	906	903	906
Paper and allied products	161	163	165	166	167
Printing and publishing	597	601	621	623	627
Chemicals and allied products	286	286	285	287	285
Petroleum and coal products	29	29	26	26	26
Rubber and misc. plastics products	274	273	279	280	279
Leather and leather products	98	97	94	93	92
Service-producing	36,618	36,880	38,081	38,339	38,639
Transportation and public utilities	1,419	1,435	1,469	1,472	1,479
Wholesale trade	1,599	1,606	1,677	1,681	1,697
Retail trade	8,712	8,853	9,015	9,085	9,212
Finance, insurance, and real estate	3,566	3,585	3,777	3,808	3,840
Services	12,983	13,059	13,548	13,658	13,776
Government	8,339	8,342	8,595	8,635	8,635
Federal	990	997	1,026	1,031	1,032
State	1,811	1,813	1,898	1,908	1,912
Local	5,538	5,532	5,671	5,696	5,691

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

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

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^P	June ^P
Total	97,442	97,672	97,890	98,128	98,428	98,666	98,910	99,296	99,429	99,484	99,783	99,908	99,819
Total private	81,082	81,222	81,428	81,592	81,853	82,073	82,281	82,659	82,748	82,785	83,072	83,165	83,104
Goods-producing	24,897	24,875	24,880	24,843	24,903	24,931	24,977	25,101	25,038	24,945	25,038	24,964	24,859
Mining	936	928	922	917	913	907	901	897	880	852	821	788	769
Oil and gas extraction	590	585	581	577	571	565	560	556	541	518	488	459	443
Construction	4,671	4,679	4,702	4,728	4,754	4,765	4,787	4,901	4,864	4,838	4,972	4,976	4,946
General building contractors	1,241	1,246	1,257	1,267	1,276	1,283	1,287	1,330	1,320	1,298	1,315	1,312	1,296
Manufacturing	19,290	19,268	19,256	19,198	19,236	19,259	19,289	19,303	19,294	19,255	19,245	19,200	19,144
Durable goods	11,517	11,483	11,473	11,421	11,447	11,453	11,461	11,466	11,455	11,418	11,415	11,378	11,317
Lumber and wood products	696	698	700	702	705	708	710	716	716	715	719	719	722
Furniture and fixtures	491	492	495	491	493	493	494	494	494	493	494	496	496
Stone, clay, and glass products	589	589	591	590	591	591	593	596	597	594	600	599	598
Primary metal industries	814	807	798	795	797	801	803	798	795	787	785	779	763
Blast furnaces and basic steel products	307	305	302	304	304	302	303	300	299	293	291	288	288
Fabricated metal products	1,468	1,465	1,463	1,459	1,460	1,459	1,456	1,455	1,452	1,450	1,451	1,447	1,442
Machinery, except electrical	2,190	2,176	2,164	2,147	2,146	2,139	2,133	2,137	2,127	2,118	2,111	2,100	2,087
Electrical and electronic equipment	2,207	2,196	2,195	2,179	2,181	2,179	2,182	2,182	2,181	2,177	2,177	2,176	2,148
Transportation equipment	1,970	1,970	1,977	1,970	1,987	1,993	1,998	1,996	1,998	1,989	1,986	1,972	1,973
Motor vehicles and equipment	879	874	876	871	873	870	872	867	864	858	854	839	837
Instruments and related products	724	724	724	723	722	723	725	724	725	726	723	721	720
Miscellaneous manufacturing	368	366	366	365	365	367	367	368	370	369	369	369	368
Nondurable goods	7,773	7,785	7,783	7,777	7,789	7,806	7,828	7,837	7,839	7,837	7,830	7,822	7,827
Food and kindred products	1,611	1,604	1,608	1,607	1,610	1,612	1,623	1,623	1,631	1,632	1,633	1,639	1,650
Tobacco manufactures	65	64	64	65	64	65	64	64	63	63	63	62	62
Textile mill products	700	698	698	697	699	701	702	702	705	707	703	705	706
Apparel and other textile products	1,109	1,122	1,117	1,121	1,121	1,122	1,130	1,133	1,122	1,117	1,119	1,112	1,106
Paper and allied products	682	683	682	682	683	687	686	687	687	688	689	689	689
Printing and publishing	1,433	1,440	1,442	1,442	1,447	1,454	1,457	1,461	1,467	1,469	1,472	1,473	1,478
Chemicals and allied products	1,046	1,045	1,043	1,042	1,040	1,037	1,035	1,034	1,032	1,031	1,028	1,025	1,023
Petroleum and coal products	179	178	177	171	171	170	169	168	167	166	166	166	165
Rubber and misc. plastics products	784	784	787	785	790	794	798	802	803	804	800	797	796
Leather and leather products	164	167	165	165	164	164	164	163	162	160	157	154	152
Service-producing	72,545	72,797	73,010	73,285	73,525	73,735	73,933	74,195	74,391	74,539	74,745	74,944	74,960
Transportation and public utilities	5,238	5,241	5,219	5,257	5,260	5,272	5,277	5,286	5,277	5,280	5,266	5,262	5,170
Transportation	3,001	3,006	2,983	3,023	3,026	3,040	3,046	3,056	3,048	3,053	3,040	3,036	3,039
Communication and public utilities	2,237	2,235	2,236	2,234	2,234	2,232	2,231	2,230	2,229	2,227	2,226	2,226	2,131
Wholesale trade	5,736	5,740	5,762	5,777	5,796	5,796	5,809	5,830	5,843	5,841	5,864	5,868	5,824
Durable goods	3,408	3,416	3,424	3,432	3,442	3,451	3,460	3,470	3,482	3,480	3,485	3,485	3,449
Nondurable goods	2,328	2,324	2,338	2,345	2,354	2,345	2,349	2,360	2,361	2,361	2,379	2,383	2,375
Retail trade	17,379	17,404	17,464	17,489	17,543	17,589	17,622	17,734	17,795	17,828	17,851	17,903	17,919
General merchandise stores	2,329	2,325	2,328	2,326	2,329	2,326	2,317	2,328	2,333	2,333	2,342	2,345	2,341
Food stores	2,781	2,795	2,805	2,813	2,828	2,845	2,870	2,880	2,891	2,901	2,910	2,912	2,932
Automotive dealers and service stations	1,894	1,897	1,904	1,910	1,916	1,918	1,922	1,929	1,938	1,939	1,940	1,943	1,944
Eating and drinking places	5,728	5,734	5,749	5,761	5,772	5,783	5,801	5,831	5,854	5,868	5,859	5,889	5,918
Finance, insurance, and real estate	5,939	5,964	5,988	6,014	6,038	6,070	6,095	6,123	6,157	6,184	6,228	6,256	6,275
Finance	2,970	2,985	2,998	3,011	3,024	3,039	3,053	3,066	3,082	3,095	3,120	3,134	3,149
Insurance	1,827	1,832	1,839	1,846	1,852	1,862	1,868	1,878	1,889	1,900	1,910	1,916	1,921
Real estate	1,142	1,147	1,151	1,157	1,162	1,169	1,174	1,179	1,186	1,189	1,198	1,206	1,205
Services	21,893	21,998	22,115	22,212	22,313	22,415	22,501	22,585	22,638	22,707	22,825	22,912	23,057
Business services	4,433	4,462	4,504	4,542	4,567	4,604	4,631	4,660	4,687	4,698	4,750	4,752	4,807
Health services	6,291	6,301	6,333	6,350	6,375	6,401	6,424	6,447	6,471	6,497	6,511	6,540	6,553
Government	16,360	16,450	16,462	16,536	16,575	16,593	16,629	16,637	16,681	16,699	16,711	16,743	16,715
Federal	2,872	2,879	2,886	2,899	2,895	2,904	2,913	2,918	2,918	2,923	2,914	2,923	2,931
State	3,835	3,851	3,855	3,878	3,895	3,901	3,904	3,916	3,924	3,927	3,938	3,933	3,930
Local	9,653	9,720	9,721	9,759	9,785	9,788	9,812	9,803	9,839	9,849	9,859	9,887	9,854

^P = preliminary.

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

introduced, all seasonally adjusted data from January 1982 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total	43,593	43,778	43,869	43,996	44,135	44,255	44,427	44,601	44,753	44,955	45,127	45,237	45,397
Total private	35,499	35,651	35,728	35,808	35,930	36,007	36,160	36,319	36,446	36,639	36,767	36,867	37,014
Goods-producing	6,844	6,826	6,826	6,816	6,819	6,811	6,825	6,847	6,866	6,893	6,889	6,887	6,893
Mining	122	122	121	119	120	120	120	120	119	120	120	118	114
Construction	457	462	465	467	470	472	478	482	486	494	493	499	505
Manufacturing	6,265	6,242	6,240	6,230	6,229	6,219	6,227	6,245	6,261	6,279	6,276	6,270	6,274
Durable goods	3,052	3,040	3,037	3,023	3,022	3,004	3,009	3,012	3,011	3,020	3,017	3,014	3,019
Lumber and wood products	105	105	107	107	108	108	108	109	110	110	111	112	111
Furniture and fixtures	151	150	151	151	152	151	152	152	152	152	153	154	154
Stone, clay, and glass products	114	113	113	113	113	112	112	113	113	115	114	113	114
Primary metal industries	105	104	104	103	103	102	102	103	103	103	103	102	102
Fabricated metal products	324	324	323	322	322	321	322	322	322	322	322	322	324
Machinery, except electrical	488	484	480	475	470	467	466	463	461	464	460	460	461
Electrical and electronic equipment	936	931	926	919	917	908	907	906	905	905	903	901	902
Transportation equipment	352	353	356	358	360	360	363	366	366	368	370	369	370
Instruments and related products	310	309	310	309	310	309	309	309	310	311	311	312	311
Miscellaneous manufacturing	167	167	167	166	167	166	168	169	169	170	170	169	170
Nondurable goods	3,213	3,202	3,203	3,207	3,207	3,215	3,218	3,233	3,250	3,259	3,259	3,256	3,255
Food and kindred products	499	498	502	495	495	495	498	500	508	507	513	513	512
Tobacco manufactures	23	23	23	22	22	23	22	23	22	22	22	22	22
Textile mill products	338	335	335	333	335	334	335	337	337	340	342	343	341
Apparel and other textile products	903	896	891	899	897	901	900	901	908	912	902	899	902
Paper and allied products	164	164	165	166	166	166	166	168	167	167	168	168	168
Printing and publishing	599	601	604	608	608	611	611	616	617	619	622	623	626
Chemicals and allied products	287	287	287	286	286	287	286	286	287	287	287	287	286
Petroleum and coal products	29	29	29	28	28	27	27	27	27	26	26	26	26
Rubber and misc. plastics products	273	271	270	271	272	273	275	278	279	282	281	281	279
Leather and leather products	98	98	97	99	98	98	98	97	98	97	96	94	93
Service-producing	36,749	36,952	37,043	37,180	37,316	37,444	37,602	37,754	37,887	38,062	38,238	38,350	38,504
Transportation and public utilities	1,440	1,447	1,448	1,454	1,454	1,459	1,464	1,468	1,472	1,475	1,478	1,482	1,483
Wholesale trade	1,616	1,622	1,628	1,630	1,638	1,640	1,648	1,653	1,660	1,676	1,689	1,691	1,707
Retail trade	8,996	9,063	9,080	9,088	9,102	9,116	9,151	9,185	9,193	9,268	9,313	9,347	9,362
Finance, insurance, and real estate	3,592	3,611	3,628	3,644	3,666	3,682	3,699	3,730	3,748	3,771	3,796	3,816	3,848
Services	13,011	13,082	13,118	13,176	13,251	13,299	13,373	13,436	13,507	13,556	13,602	13,644	13,721
Government	8,094	8,127	8,141	8,188	8,205	8,248	8,267	8,282	8,307	8,316	8,360	8,370	8,383
Federal	999	1,004	1,005	1,008	1,013	1,019	1,022	1,026	1,031	1,034	1,038	1,036	1,034
State	1,760	1,769	1,780	1,791	1,798	1,810	1,816	1,821	1,824	1,832	1,843	1,847	1,856
Local	5,335	5,354	5,356	5,389	5,394	5,419	5,429	5,435	5,452	5,450	5,479	5,487	5,493

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

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total private	65,526	65,627	65,815	65,936	66,168	66,347	66,510	66,856	66,945	66,916	67,167	67,236	67,127
Goods-producing	17,424	17,400	17,414	17,381	17,425	17,440	17,486	17,597	17,536	17,454	17,546	17,476	17,395
Mining	665	659	655	650	647	642	638	634	622	598	573	545	530
Construction	3,654	3,662	3,681	3,702	3,719	3,724	3,748	3,852	3,817	3,795	3,913	3,905	3,869
Manufacturing	13,105	13,079	13,078	13,029	13,059	13,074	13,100	13,111	13,097	13,061	13,060	13,026	12,996
Durable goods	7,654	7,621	7,619	7,572	7,594	7,594	7,595	7,595	7,579	7,545	7,547	7,522	7,479
Lumber and wood products	580	586	589	590	593	595	597	602	602	602	605	606	607
Furniture and fixtures	392	392	395	392	393	394	394	394	394	395	395	398	398
Stone, clay, and glass products	452	452	453	452	453	454	455	459	459	459	463	462	462
Primary metal industries	615	610	603	602	603	608	611	606	604	596	596	591	575
Blast furnaces and basic steel products	233	232	225	228	227	233	234	232	231	225	224	222	223
Fabricated metal products	1,085	1,082	1,082	1,079	1,080	1,078	1,076	1,076	1,072	1,069	1,073	1,069	1,066
Machinery, except electrical	1,315	1,304	1,299	1,288	1,289	1,283	1,278	1,280	1,272	1,267	1,263	1,256	1,248
Electrical and electronic equipment	1,304	1,293	1,289	1,273	1,274	1,270	1,267	1,262	1,258	1,252	1,249	1,251	1,233
Transportation equipment	1,252	1,248	1,253	1,244	1,258	1,260	1,263	1,259	1,258	1,247	1,245	1,232	1,233
Motor vehicles and equipment	681	677	679	671	678	674	676	669	666	660	658	644	641
Instruments and related products	394	392	392	390	389	389	390	391	392	392	392	390	390
Miscellaneous manufacturing	265	262	264	262	262	262	264	266	268	266	266	267	267
Nondurable goods	5,451	5,458	5,459	5,457	5,465	5,480	5,505	5,516	5,518	5,516	5,513	5,504	5,517
Food and kindred products	1,127	1,119	1,122	1,122	1,124	1,126	1,137	1,137	1,145	1,145	1,145	1,150	1,162
Tobacco manufactures	49	48	48	49	48	48	48	48	47	48	48	46	46
Textile mill products	605	603	603	602	603	605	606	608	609	611	607	610	611
Apparel and other textile products	934	946	941	944	945	946	952	956	946	940	943	937	933
Paper and allied products	516	516	517	516	517	520	520	521	521	521	522	523	524
Printing and publishing	792	797	799	798	799	804	808	811	815	817	820	819	821
Chemicals and allied products	579	578	577	578	577	575	575	573	574	573	572	568	570
Petroleum and coal products	108	108	108	104	104	105	104	104	104	103	103	104	104
Rubber and misc. plastics products	605	605	607	607	611	615	619	623	623	625	623	620	621
Leather and leather products	136	138	137	137	137	136	136	135	134	133	130	127	125
Service-producing	48,102	48,227	48,401	48,555	48,743	48,907	49,024	49,259	49,409	49,462	49,621	49,760	49,732
Transportation and public utilities	4,337	4,340	4,325	4,356	4,362	4,374	4,381	4,384	4,377	4,373	4,362	4,361	4,270
Wholesale trade	4,615	4,620	4,637	4,642	4,659	4,658	4,665	4,686	4,695	4,693	4,712	4,711	4,669
Retail trade	15,479	15,491	15,542	15,556	15,613	15,657	15,669	15,794	15,854	15,867	15,880	15,927	15,925
Finance, insurance, and real estate	4,405	4,423	4,440	4,455	4,472	4,495	4,513	4,532	4,554	4,571	4,603	4,621	4,629
Services	19,266	19,353	19,457	19,546	19,637	19,723	19,796	19,863	19,929	19,958	20,064	20,140	20,239

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

^p = preliminary.

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

**ESTABLISHMENT DATA
INDEXES OF DIFFUSION
SEASONALLY ADJUSTED**

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

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1984.....	67.8	72.7	67.6	67.6	62.4	65.4	62.2	55.9	50.5	63.0	53.5	57.0
	1985.....	52.4	47.8	53.8	49.2	51.6	47.0	56.2	56.8	50.8	61.9	57.6	59.5
	1986.....	59.7	53.5	45.1	54.1	^p 50.5	^p 44.1						
Over 3-month span	1984.....	76.5	75.1	75.9	71.4	71.6	68.1	63.2	58.1	56.8	53.5	58.1	53.0
	1985.....	51.1	49.7	46.2	46.2	45.1	51.4	49.7	51.1	55.1	55.9	61.4	60.5
	1986.....	58.1	54.3	51.1	^p 50.0	^p 47.6							
Over 6-month span	1984.....	78.1	76.5	77.0	75.1	69.2	65.1	63.2	59.2	58.6	53.2	49.7	54.9
	1985.....	49.2	47.8	43.0	45.9	44.3	44.3	48.9	50.8	54.1	57.0	57.0	55.9
	1986.....	53.8	^p 54.1	^p 48.1									
Over 12-month span	1984.....	81.1	78.1	72.2	72.2	68.9	67.8	65.7	62.7	59.7	54.6	51.4	48.6
	1985.....	46.2	45.7	46.8	43.8	44.9	47.3	47.6	48.9	47.3	49.5	^p 49.2	^p 47.6
	1986.....												

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

^p = preliminary.

NOTE: Figures are the percent of industries with employment

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

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a
Alabama	1,427.7	1,443.8	1,446.2	14.6	12.6	12.3	71.8	70.8	72.5
Birmingham	367.3	377.3	377.7	7.6	6.1	6.1	20.9	21.5	21.7
Huntsville	110.7	113.6	114.3	.1	.1	.1	4.2	4.3	4.5
Mobile	158.5	157.6	158.5	1.0	.9	1.0	12.5	10.7	11.3
Montgomery	115.6	117.2	117.3	.1	.1	.1	7.2	7.5	7.6
Tuscaloosa	53.8	55.9	55.5	3.0	3.0	2.9	2.5	2.8	3.0
Alaska	232.0	224.8	229.7	9.5	9.0	8.7	18.0	14.0	15.2
Arizona	1,284.0	1,343.6	1,347.1	12.0	10.7	10.6	111.9	113.5	114.8
Phoenix	843.8	885.5	887.8	.6	.6	.6	78.5	79.3	80.4
Tucson	233.6	245.2	245.8	2.4	1.6	1.6	21.2	21.9	22.0
Arkansas	803.3	820.9	825.3	5.5	4.8	4.5	36.3	36.1	37.6
Fayetteville-Springdale	43.9	44.7	44.7	(¹)	(¹)	(¹)	1.9	1.8	1.9
Fort Smith	68.1	71.9	72.6	1.3	1.0	1.0	3.1	3.3	3.3
Little Rock-North Little Rock	221.7	224.1	224.1	.4	.4	.4	11.6	11.9	12.1
Pine Bluff	31.3	32.7	32.7	(¹)	(¹)	(¹)	1.5	3.0	3.3
California	10,963.2	11,155.5	11,205.0	50.8	46.2	43.2	481.7	475.6	484.5
Anaheim-Santa Ana	994.8	1,011.1	1,014.6	3.3	2.9	2.8	49.5	51.1	51.7
Bakersfield	152.8	153.4	150.0	16.3	14.3	11.5	8.9	8.4	8.1
Fresno	191.6	193.4	193.2	.9	.7	.6	11.0	10.6	10.6
Los Angeles-Long Beach	3,822.4	3,886.7	3,899.0	12.9	12.1	11.7	119.4	119.4	119.7
Modesto	90.5	95.4	96.5	.1	.1	.1	5.9	6.2	6.5
Oakland	760.5	792.6	800.3	2.0	2.0	2.1	43.7	47.0	48.1
Oxnard-Ventura	185.6	191.9	192.8	3.3	3.2	3.2	8.9	9.2	9.5
Riverside-San Bernardino	515.7	531.2	534.5	1.3	1.3	1.3	36.9	38.4	39.6
Sacramento	492.1	503.8	507.5	.9	.8	.8	28.5	27.1	28.7
Salinas-Seaside-Monterey	100.5	102.7	103.7	.4	.5	.5	3.5	3.4	3.5
San Diego	780.5	804.3	807.3	.8	.8	.8	46.9	47.0	47.3
San Francisco	917.0	929.9	933.8	2.2	1.4	1.4	30.9	33.3	34.0
San Jose	790.4	788.4	791.4	.2	.2	.2	32.5	31.0	31.2
Santa Barbara-Santa Maria-Lompoc	139.4	142.0	142.9	1.4	1.4	1.4	6.4	6.5	6.7
Santa Rosa-Petaluma	114.1	113.8	114.9	.6	.6	.6	6.7	6.6	6.8
Stockton	131.9	132.9	134.2	.1	.1	.1	7.1	7.7	7.9
Vallejo-Fairfield-Napa	113.0	114.6	116.1	.4	.3	.2	8.9	6.1	6.6
Colorado	1,422.7	1,446.2	1,453.7	33.1	30.2	29.7	87.1	84.4	88.2
Boulder-Longmont	104.3	105.2	106.1	.3	.3	.2	4.9	4.4	4.6
Denver	822.0	825.8	833.1	21.6	19.9	19.5	49.6	45.6	46.7
Connecticut	1,567.6	1,597.6	1,607.7	1.6	1.7	1.8	66.0	68.4	71.2
Bridgeport-Milford	190.1	194.6	196.3	(¹)	(¹)	(¹)	7.3	7.8	8.1
Hartford	443.5	454.3	458.0	.3	.3	.3	16.0	16.8	17.7
New Britain	62.9	63.5	63.6	(¹)	(¹)	(¹)	3.2	3.2	3.5
New Haven-Meriden	237.4	240.4	242.1	.3	.3	.3	10.7	11.2	11.7
Stamford	121.5	122.9	123.6	.8	.8	.8	5.2	5.3	5.4
Waterbury	85.6	85.0	85.9	(¹)	(¹)	(¹)	3.6	3.7	3.9
Delaware	292.6	293.7	297.9	.1	.1	.1	18.1	17.4	18.3
Wilmington	255.5	253.6	256.2	.2	.2	.2	18.8	15.8	16.4
District of Columbia	623.2	642.2	644.3	.1	.1	.1	12.8	13.6	14.1
Washington MSA	1,895.8	1,972.3	1,984.7	1.3	1.2	1.3	109.7	118.6	121.8
Florida	4,429.6	4,563.4	4,561.3	10.2	9.5	9.6	334.3	336.6	336.4
Daytona Beach	100.9	108.8	109.0	(¹)	(¹)	(¹)	7.2	7.4	7.5
Fort Lauderdale-Hollywood-Pompano Beach	425.2	441.1	439.6	.4	.4	.4	35.3	37.9	36.3
Fort Myers-Cape Coral	93.6	99.4	98.5	(¹)	(¹)	(¹)	10.9	11.2	11.6
Gainesville	65.4	67.2	67.2	(¹)	(¹)	(¹)	4.7	4.4	4.3
Jacksonville	360.4	375.9	378.1	.5	.5	.5	26.6	27.4	27.7
Lakeland-Winter Haven	133.1	135.9	134.6	4.9	4.5	4.5	8.4	8.7	8.6
Melbourne-Titusville-Palm Bay	135.2	138.0	137.7	(¹)	(¹)	(¹)	9.6	9.0	9.0
Miami-Hialeah	782.8	800.8	801.2	.8	.8	.9	39.5	38.9	36.7
Orlando	412.8	431.1	432.0	(¹)	(¹)	(¹)	31.7	33.7	33.5
Pensacola	117.1	118.0	118.2	.4	.3	.3	9.6	10.3	10.4
Sarasota	93.6	94.6	94.9	(¹)	(¹)	(¹)	9.8	9.8	10.0
Tallahassee	98.0	101.2	101.0	(¹)	(¹)	(¹)	4.8	5.1	5.2
Tampa-St. Petersburg-Clearwater	731.1	749.6	748.8	.6	.6	.6	59.8	60.6	61.0
West Palm Beach-Boca Raton-DeLray Beach	285.2	297.8	293.8	(¹)	(¹)	(¹)	26.5	27.7	27.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a
Alabama	358.8	355.8	355.2	72.9	71.3	71.3	303.8	309.9	311.1
Birmingham	55.4	55.2	54.9	29.5	29.2	29.3	89.1	95.9	96.1
Huntsville	30.6	31.2	31.4	2.4	2.5	2.5	21.1	21.4	21.5
Mobile	26.2	25.7	25.7	9.7	9.3	9.1	41.1	41.8	42.0
Montgomery	16.9	17.5	17.4	4.6	4.6	4.6	25.4	25.7	25.8
Tuscaloosa	8.3	8.6	8.6	2.0	2.0	2.0	10.9	11.1	11.0
Alaska	12.1	10.1	12.1	19.6	18.3	19.6	46.1	44.5	45.7
Arizona	180.3	181.7	182.0	62.6	64.0	64.1	312.9	333.6	333.5
Phoenix	130.7	129.3	129.4	40.8	41.9	42.0	213.7	229.5	229.1
Tucson	31.0	32.8	32.9	9.5	9.3	9.3	51.9	55.0	55.3
Arkansas	210.4	213.4	215.0	46.7	49.4	50.0	181.7	185.6	187.3
Fayetteville-Springdale	9.8	9.8	10.0	3.7	3.9	3.8	10.6	10.7	10.8
Fort Smith	23.1	24.6	25.0	3.3	3.4	3.4	15.6	16.0	15.9
Little Rock-North Little Rock	33.7	33.7	33.3	14.8	14.5	14.6	53.6	54.8	54.9
Pine Bluff	5.8	5.7	5.7	3.0	2.9	2.9	6.5	6.4	6.4
California	2,083.6	2,089.0	2,094.1	563.0	561.8	564.1	2,595.7	2,648.9	2,668.0
Anaheim-Santa Ana	242.0	241.0	240.7	32.9	33.3	33.5	248.8	256.4	258.5
Bakersfield	10.5	10.3	10.3	8.4	8.4	8.4	38.2	38.8	38.7
Fresno	21.0	21.5	21.6	10.0	9.9	10.0	48.3	48.9	49.1
Los Angeles-Long Beach	893.2	906.3	907.0	199.6	197.9	197.9	882.8	894.8	900.3
Modesto	18.1	19.4	19.7	4.2	4.2	4.3	23.0	24.6	24.9
Oakland	102.7	105.4	105.3	48.7	52.9	54.0	190.4	198.0	200.1
Oxnard-Ventura	28.9	28.3	28.3	8.1	10.2	10.1	47.3	48.9	49.5
Riverside-San Bernardino	65.8	67.2	67.2	29.3	29.4	29.7	131.3	134.6	135.9
Sacramento	34.3	35.1	35.5	23.4	23.3	23.4	119.8	119.6	120.9
Salinas-Seaside-Monterey	9.6	9.5	9.9	5.0	5.1	5.1	27.5	28.5	28.8
San Diego	121.3	121.4	121.5	31.5	31.1	31.5	184.0	193.0	193.9
San Francisco	81.1	80.9	80.8	84.0	79.9	80.0	207.5	215.8	216.8
San Jose	292.0	281.3	281.3	22.2	21.6	21.6	148.5	154.2	155.6
Santa Barbara-Santa Maria-Lompoc	23.7	23.6	23.7	5.5	5.5	5.5	33.0	33.9	34.0
Santa Rosa-Petaluma	18.1	17.4	17.4	5.5	5.4	5.5	29.2	29.4	29.7
Stockton	20.9	20.8	20.9	8.7	8.1	8.2	30.4	31.3	32.1
Vallejo-Fairfield-Napa	10.5	10.6	10.8	4.4	4.5	4.5	26.2	27.3	27.6
Colorado	193.2	189.5	190.3	88.5	89.4	89.5	351.8	358.9	361.8
Boulder-Longmont	29.4	28.6	28.6	2.4	2.5	2.4	21.2	22.1	22.3
Denver	103.1	99.7	100.3	63.0	64.5	64.6	204.6	208.9	211.0
Connecticut	413.1	406.8	406.5	68.9	70.4	71.0	346.1	355.2	359.5
Bridgeport-Milford	63.4	62.4	62.7	7.3	7.6	7.7	43.2	45.0	45.6
Hartford	93.7	92.9	92.8	17.0	17.5	17.7	95.0	97.9	98.9
New Britain	23.3	22.2	22.0	3.2	3.3	3.3	11.8	12.3	12.4
New Haven-Meriden	48.2	47.1	47.1	17.5	17.7	17.8	54.2	56.0	56.6
Stamford	29.3	27.3	26.8	4.9	4.9	5.0	28.7	29.7	30.0
Waterbury	28.9	27.6	27.6	3.2	3.2	3.2	15.8	16.3	16.5
Delaware	70.7	66.6	66.3	12.1	11.8	11.8	64.4	65.6	67.6
Wilmington	61.5	57.7	57.6	13.2	13.1	13.2	52.1	53.2	54.2
District of Columbia	14.8	15.1	15.3	25.7	24.5	24.6	63.6	65.2	64.6
Washington MSA	81.0	83.4	83.1	86.8	88.1	88.9	377.0	394.8	397.0
Florida	515.4	521.3	521.7	244.5	243.9	243.8	1,194.9	1,234.1	1,234.7
Daytona Beach	11.8	12.3	12.4	3.3	3.3	3.4	29.0	32.6	32.2
Fort Lauderdale-Hollywood-Pompano Beach	44.1	44.7	44.9	21.0	21.0	21.1	124.5	128.8	127.8
Fort Myers-Cape Coral	4.6	5.1	5.1	4.2	4.4	4.4	28.3	30.8	30.1
Gainesville	5.3	5.2	5.2	1.7	1.7	1.7	18.6	19.4	19.4
Jacksonville	37.1	37.7	37.7	28.0	28.1	28.2	97.0	103.7	104.6
Lakeland-Winter Haven	22.1	21.6	21.0	6.1	6.4	6.4	36.1	36.5	36.3
Melbourne-Titusville-Palm Bay	27.0	26.6	26.6	5.5	5.4	5.5	30.5	32.1	32.0
Miami-Hialeah	94.4	94.7	94.7	67.3	67.9	67.7	208.6	214.3	214.3
Orlando	48.1	51.4	51.6	21.2	22.1	22.2	113.6	117.4	117.9
Pensacola	12.1	10.8	10.8	6.6	6.7	6.5	28.9	29.7	30.0
Sarasota	7.5	7.7	7.8	3.5	3.6	3.6	28.1	28.3	28.1
Tallahassee	4.0	4.1	3.9	2.8	3.0	2.9	20.9	21.5	21.6
Tampa-St. Petersburg-Clearwater	92.0	90.7	90.9	36.9	36.9	36.9	201.6	208.2	207.5
West Palm Beach-Boca Raton-Delray Beach	37.2	36.2	35.9	10.7	10.7	10.6	74.2	77.5	76.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Alabama	64.9	68.4	68.8	242.2	247.8	247.6	298.7	307.2	307.4
Birmingham	26.1	27.4	27.6	81.1	83.4	83.5	57.6	58.6	58.5
Huntsville	3.2	3.2	3.3	20.8	22.8	22.9	28.3	28.1	28.1
Mobile	7.9	8.0	8.2	32.7	33.4	33.4	27.4	27.8	27.8
Montgomery	6.8	7.0	7.0	23.3	23.3	23.3	31.3	31.5	31.5
Tuscaloosa	1.7	1.8	1.8	7.1	7.5	7.1	18.3	19.1	19.1
Alaska	12.7	13.0	13.1	45.1	45.4	46.0	68.9	70.5	69.3
Arizona	79.9	88.8	89.4	299.9	320.4	320.7	224.5	230.9	232.0
Phoenix	62.2	69.7	70.2	203.6	218.6	218.6	113.5	116.8	117.5
Tucson	11.6	12.7	12.9	55.2	59.7	59.6	50.8	52.2	52.2
Arkansas	36.5	37.3	37.6	140.4	146.1	146.2	145.8	148.4	147.1
Fayetteville-Springdale	1.5	1.5	1.5	6.0	6.1	6.1	10.4	10.9	10.6
Fort Smith	2.6	2.7	2.8	13.0	13.4	13.7	7.1	7.5	7.5
Little Rock-North Little Rock	14.9	15.1	15.1	47.5	48.4	48.8	45.2	45.3	45.1
Pine Bluff	1.6	1.7	1.7	5.7	5.5	5.5	7.2	7.5	7.2
California	726.6	753.6	758.0	2,635.2	2,711.2	2,716.9	1,826.6	1,869.2	1,876.2
Anaheim-Santa Ana	74.4	76.5	77.1	232.8	236.9	236.5	111.1	113.0	114.0
Bakersfield	5.7	5.9	5.9	28.8	29.6	29.6	36.0	37.7	37.7
Fresno	13.2	13.5	13.5	43.5	43.9	43.8	43.7	44.4	44.0
Los Angeles-Long Beach	258.0	265.5	266.6	968.5	993.6	995.3	488.0	497.1	500.5
Modesto	3.9	4.2	4.2	19.6	20.2	20.4	15.7	16.5	16.4
Oakland	45.7	49.9	50.9	170.5	180.0	180.9	156.8	157.4	158.9
Oxnard-Ventura	10.3	10.3	10.3	39.0	41.3	41.4	39.8	40.5	40.5
Riverside-San Bernardino	21.9	22.9	23.2	119.5	123.1	123.1	109.7	114.3	114.5
Sacramento	28.3	29.8	29.8	100.4	105.8	105.4	158.5	162.5	163.0
Salinas-Seaside-Monterey	4.7	4.8	4.9	23.9	24.6	24.8	25.9	26.3	26.2
San Diego	51.4	52.8	53.2	196.2	205.6	206.0	148.4	152.6	153.1
San Francisco	112.1	109.3	109.3	262.7	270.3	271.7	138.5	139.0	139.6
San Jose	31.6	32.7	32.9	182.2	183.8	184.8	81.2	83.6	83.8
Santa Barbara-Santa Maria-Lompoc	7.4	7.5	7.7	35.9	36.8	37.0	26.1	26.8	26.9
Santa Rosa-Petaluma	7.6	7.9	7.9	25.1	25.0	25.3	21.3	21.5	21.7
Stockton	8.0	8.0	8.0	27.7	27.7	27.6	29.0	29.2	29.4
Vallejo-Fairfield-Napa	4.5	4.8	4.8	24.2	25.3	25.5	35.9	35.7	35.9
Colorado	96.7	100.2	100.2	317.3	336.6	335.8	255.0	257.1	258.0
Boulder-Longmont	3.7	3.9	3.9	21.0	22.3	22.6	21.3	21.2	21.4
Denver	65.8	68.0	68.5	193.8	196.0	201.1	120.3	121.3	121.3
Connecticut	129.0	135.8	136.8	353.4	365.2	369.0	189.5	194.1	191.9
Bridgeport-Milford	9.7	10.3	10.3	41.0	43.0	43.3	18.2	18.5	18.6
Hartford	67.4	70.2	70.8	97.3	100.8	102.2	56.8	57.9	57.6
New Britain	3.1	3.2	3.3	11.9	12.6	12.7	6.4	6.7	6.4
New Haven-Meriden	13.6	14.0	14.1	62.7	64.4	64.9	30.2	29.7	29.6
Stamford	9.9	10.4	10.5	33.5	35.2	35.8	9.2	9.3	9.3
Waterbury	3.6	3.6	3.6	19.9	20.1	20.4	10.6	10.5	10.7
Delaware	19.3	21.3	21.5	62.8	65.0	66.2	45.0	45.9	46.2
Wilmington	17.9	19.9	20.0	55.7	57.4	58.1	36.0	36.3	36.5
District of Columbia	34.5	34.5	34.6	211.6	222.5	222.7	260.1	266.6	268.3
Washington MSA	106.2	111.1	112.8	577.7	608.2	610.0	556.1	568.8	569.9
Florida	314.1	330.0	331.1	1,131.3	1,190.3	1,186.0	684.9	697.7	698.0
Daytona Beach	6.0	6.3	6.4	27.1	29.5	29.7	18.5	17.4	17.4
Fort Lauderdale-Hollywood-Pompano Beach	35.4	36.4	36.6	111.2	118.6	117.2	53.3	53.3	53.3
Fort Myers-Cape Coral	6.8	7.3	7.2	24.6	26.1	25.6	14.0	14.3	14.3
Gainesville	3.3	3.4	3.4	19.0	19.2	19.3	32.7	33.8	33.8
Jacksonville	32.0	34.0	34.3	84.7	88.0	88.6	54.5	56.5	56.5
Lakeland-Winter Haven	7.5	7.7	7.8	29.9	31.8	31.3	18.1	18.7	18.7
Melbourne-Titusville-Palm Bay	4.8	5.1	5.1	38.9	40.8	40.5	18.8	19.0	19.0
Miami-Hialeah	64.6	66.9	67.0	207.5	213.8	214.0	100.1	103.5	103.9
Orlando	26.7	28.1	28.4	122.3	127.2	127.1	49.1	51.1	51.2
Pensacola	4.9	5.1	5.0	28.4	28.6	28.8	26.2	26.5	26.4
Sarasota	7.6	7.8	7.8	25.7	26.1	26.3	11.3	11.2	11.2
Tallahassee	4.5	4.5	4.5	18.8	19.3	19.4	41.9	43.4	43.2
Tampa-St. Petersburg-Clearwater	56.1	59.3	59.1	191.6	197.3	198.5	92.5	96.0	96.3
West Palm Beach-Boca Raton-Delray Beach	23.3	24.2	24.0	79.0	84.7	83.4	34.3	36.7	36.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Georgia	2,563.0	2,617.9	2,829.4	8.0	8.0	8.0	143.9	151.9	154.3
Albany	49.7	49.2	47.9	(¹)	(¹)	(¹)	2.2	2.3	2.3
Athens	59.7	59.9	60.3	.1	.1	.1	2.3	2.6	2.7
Atlanta	1,267.0	1,302.5	1,311.8	1.2	1.2	1.2	72.3	77.1	79.5
Augusta	144.4	146.9	145.8	.5	.5	.5	8.5	9.5	9.4
Columbus	89.2	89.3	89.3	.1	.1	.1	5.3	5.0	5.1
Macon-Warner Robins	113.0	118.2	118.3	.2	.2	.2	4.9	5.2	5.1
Savannah	96.0	97.5	96.8	(¹)	(¹)	(¹)	5.4	5.7	5.4
Hawaii	423.6	428.9	429.7	(¹)	(¹)	(¹)	16.9	16.0	16.6
Honolulu	341.8	348.0	346.1	(¹)	(¹)	(¹)	13.8	12.9	13.3
Idaho	337.0	332.7	334.6	4.0	3.2	2.9	15.3	14.1	15.0
Boise City	86.2	88.8	89.4	(¹)	(¹)	(¹)	5.4	5.6	5.8
Illinois	4,778.9	4,767.0	4,790.2	29.3	26.1	26.2	184.1	172.4	183.4
Aurora-Elgin	126.7	127.4	128.9	(¹)	(¹)	(¹)	4.4	4.5	4.8
Bloomington-Normal	51.5	52.0	51.5	(¹)	(¹)	(¹)	1.2	1.1	1.1
Champaign-Urbana-Rantoul	78.0	80.1	80.8	(¹)	(¹)	(¹)	1.9	1.9	1.9
Chicago	2,935.5	2,941.9	2,959.7	2.6	2.4	2.4	109.9	103.8	110.9
Davenport-Rock Island-Moline	148.9	148.0	149.1	(¹)	(¹)	(¹)	4.6	4.5	4.7
Decatur	48.9	49.4	49.5	(¹)	(¹)	(¹)	1.6	1.7	1.7
Joliet	91.4	92.7	93.7	(¹)	(¹)	(¹)	4.2	3.9	4.4
Kankakee	32.1	31.8	31.5	(¹)	(¹)	(¹)	1.2	1.1	1.1
Lake County	172.1	175.9	178.9	(¹)	(¹)	(¹)	6.8	5.5	6.4
Peoria	129.9	128.8	127.3	(¹)	(¹)	(¹)	5.3	5.2	3.6
Rockford	119.7	119.2	120.8	(¹)	(¹)	(¹)	3.6	3.1	3.5
Springfield	90.3	90.2	90.5	(¹)	(¹)	(¹)	2.5	2.3	2.5
Indiana	2,188.7	2,234.9	2,256.2	10.5	9.3	9.4	87.5	94.3	99.3
Anderson	48.1	48.1	48.5	(¹)	(¹)	(¹)	1.4	1.3	1.4
Elkhart-Goshen	89.1	90.5	92.1	(¹)	(¹)	(¹)	2.4	2.4	2.5
Evansville	122.0	122.4	123.4	2.8	2.6	2.6	6.8	6.5	6.9
Fort Wayne	167.3	169.5	171.4	(¹)	(¹)	(¹)	7.1	7.2	7.7
Gary-Hammond	217.2	215.6	216.7	(¹)	(¹)	(¹)	12.0	12.2	12.8
Indianapolis	559.0	566.3	575.1	(¹)	(¹)	(¹)	25.2	25.2	26.6
Lafayette	60.3	61.4	58.1	(¹)	(¹)	(¹)	1.8	1.6	1.7
Muncie	48.6	48.7	49.6	(¹)	(¹)	(¹)	1.5	1.5	1.7
South Bend-Mishawaka	105.4	105.2	106.2	(¹)	(¹)	(¹)	4.2	4.3	4.6
Terre Haute	51.5	52.5	51.8	.5	.5	.5	1.9	1.9	2.0
Iowa	1,091.9	1,080.0	1,088.1	2.2	2.1	2.2	39.2	34.4	37.4
Cedar Rapids	81.6	83.0	83.8	.2	.2	.2	2.9	3.1	3.1
Des Moines	193.5	194.1	195.8	(¹)	(¹)	(¹)	7.7	8.2	8.7
Dubuque	40.1	(²)	(²)	(²)	(²)	(²)	1.1	(²)	(²)
Iowa City	49.0	(²)	(²)	(²)	(²)	(²)	1.3	(²)	(²)
Sioux City	48.7	47.7	48.1	(¹)	(¹)	(¹)	1.4	1.3	1.3
Waterloo-Cedar Falls	61.1	59.0	59.5	(¹)	(¹)	(¹)	1.9	1.6	1.7
Kansas	984.3	990.3	998.1	16.8	12.7	12.2	44.8	42.0	44.2
Lawrence	30.1	(²)	(²)	(¹)	(²)	(²)	1.0	(²)	(²)
Topeka	83.6	84.7	84.4	(¹)	(¹)	(¹)	3.2	3.4	3.7
Wichita	205.4	208.0	209.2	3.1	2.2	2.2	9.6	9.4	9.7
Kentucky	1,261.3	1,269.9	1,276.1	44.5	44.6	45.1	55.7	62.4	63.5
Lexington-Fayette	164.4	167.2	166.0	.9	.9	.9	9.2	8.9	9.0
Louisville	411.7	421.2	426.3	.6	.8	.7	19.3	20.5	20.4
Owensboro	32.9	31.8	32.0	1.1	1.0	.9	2.1	1.6	1.7
Louisiana	1,607.0	1,553.1	1,543.9	81.4	66.6	62.1	107.1	93.1	94.4
Alexandria	45.1	(²)	(²)	.2	(²)	(²)	2.9	(²)	(²)
Baton Rouge	217.3	212.6	213.2	1.2	1.2	1.2	21.8	20.8	21.4
Houma-Thibodaux	62.8	57.1	56.3	8.6	7.3	6.9	2.7	2.4	2.4
Lafayette	99.9	95.7	94.2	17.4	15.8	15.6	5.3	5.1	4.7
Lake Charles	59.1	57.0	57.4	2.3	1.8	1.8	3.7	3.6	3.6
Monroe	56.6	55.9	55.6	.6	.5	.5	3.9	4.0	3.9
New Orleans	538.4	521.3	518.2	19.8	18.5	17.9	27.8	24.9	25.0
Shreveport	145.3	135.0	134.6	4.8	3.7	3.7	8.8	7.7	7.8
Maine	457.0	462.2	472.4	.2	.1	.1	23.5	23.3	26.9
Lewiston-Auburn	37.2	37.2	37.8	(¹)	(¹)	(¹)	1.7	1.8	1.7
Portland	106.4	110.7	112.3	(¹)	(¹)	(¹)	6.1	6.0	6.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Georgia	552.5	557.0	554.9	162.0	164.3	164.2	644.2	664.3	670.2
Albany	10.7	9.9	8.4	2.5	2.6	2.6	12.2	12.4	12.6
Athens	14.6	14.7	14.7	1.7	1.8	1.8	12.8	12.6	12.7
Atlanta	182.9	184.5	184.8	104.5	106.2	106.4	361.3	372.2	374.5
Augusta	36.5	36.3	36.3	5.0	4.8	4.9	30.9	32.3	31.7
Columbus	20.9	20.0	20.0	3.3	3.2	3.2	19.4	19.9	19.9
Macon-Warner Robins	19.1	20.3	20.3	4.9	4.9	4.9	25.1	25.4	25.5
Savannah	15.6	15.7	15.6	9.6	9.6	9.4	24.2	24.9	24.9
Hawaii	21.9	21.7	22.0	33.2	34.0	34.0	115.4	116.7	116.4
Honolulu	15.9	15.9	16.1	27.1	27.9	27.9	91.6	92.0	91.6
Idaho	53.9	51.3	51.6	19.4	18.6	18.8	84.0	83.1	84.1
Boise City	10.8	10.7	10.8	5.6	5.7	5.7	22.1	22.6	22.9
Illinois	982.4	964.4	959.8	275.1	271.5	273.5	1,165.5	1,168.0	1,179.7
Aurora-Elgin	37.9	36.7	36.6	2.9	3.1	3.1	34.3	35.0	35.6
Bloomington-Normal	4.4	4.1	4.2	3.2	3.1	3.1	12.7	12.7	12.7
Champaign-Urbana-Rantoul	7.3	7.7	7.7	2.3	2.3	2.4	19.1	19.5	19.4
Chicago	581.4	566.8	562.8	183.5	183.0	184.3	725.8	730.9	738.2
Davenport-Rock Island-Moline	33.3	32.5	32.7	8.2	8.0	8.1	40.6	41.0	41.0
Decatur	14.7	14.5	14.4	4.3	4.5	4.5	10.6	10.6	10.8
Joliet	19.1	20.3	20.4	8.5	8.6	8.6	21.3	21.3	21.4
Kankakee	5.3	5.1	5.0	1.4	1.4	1.4	8.1	8.1	8.1
Lake County	41.9	42.0	42.2	6.1	5.9	6.0	42.1	41.4	42.2
Peoria	32.2	31.2	31.0	6.6	6.5	6.5	32.9	32.9	32.9
Rockford	45.4	44.9	44.8	4.5	4.5	4.6	27.1	27.3	28.3
Springfield	4.6	3.8	3.8	4.6	4.6	4.6	18.5	18.5	18.6
Indiana	616.0	599.9	602.9	107.3	112.7	114.1	509.0	534.9	543.8
Anderson	19.2	18.7	18.8	1.2	1.2	1.3	10.3	10.4	10.5
Elkhart-Goshen	48.3	49.0	49.9	2.9	2.8	2.9	16.3	16.6	17.0
Evansville	31.6	31.5	31.7	6.5	6.7	6.7	30.6	30.7	30.9
Fort Wayne	47.0	46.8	46.9	10.9	11.0	11.1	41.4	42.2	42.8
Gary-Hammond	61.4	57.9	57.3	13.7	13.6	13.6	49.3	49.5	50.2
Indianapolis	109.0	106.2	106.2	31.8	33.0	33.3	142.7	146.0	148.8
Lafayette	11.5	11.5	11.6	1.6	1.7	1.7	12.4	12.7	12.6
Muncie	11.2	10.9	10.9	2.1	2.3	2.3	11.7	11.8	12.0
South Bend-Mishawaka	25.1	23.7	23.6	4.3	4.5	4.5	27.3	27.5	28.0
Terre Haute	10.8	10.6	10.6	2.2	2.5	2.5	14.1	14.2	14.4
Iowa	206.2	201.8	202.9	51.8	49.5	49.7	281.0	276.3	277.0
Cedar Rapids	21.9	22.2	22.6	3.8	3.9	4.0	20.2	19.9	19.8
Des Moines	22.9	21.2	21.4	12.3	12.8	12.9	50.5	50.8	51.1
Dubuque	12.1	(²)	(²)	1.7	(²)	(²)	9.0	(²)	(²)
Iowa City	3.8	(²)	(²)	1.1	(²)	(²)	9.4	(²)	(²)
Sioux City	10.0	9.7	9.9	3.3	3.1	3.1	12.7	12.0	11.9
Waterloo-Cedar Falls	14.1	12.7	12.8	2.0	1.9	1.8	14.4	13.7	14.0
Kansas	174.7	176.3	176.0	65.0	64.1	64.4	245.8	245.8	248.6
Lawrence	4.4	(²)	(²)	1.4	(²)	(²)	6.5	(²)	(²)
Topeka	9.7	9.9	9.8	7.3	7.0	6.9	19.0	19.0	19.0
Wichita	55.0	56.3	56.6	9.9	9.8	9.8	49.9	51.3	51.7
Kentucky	255.4	251.5	252.4	66.8	66.3	67.0	298.2	299.1	300.9
Lexington-Fayette	29.4	28.7	28.4	7.4	7.6	7.6	38.3	38.9	38.3
Louisville	86.6	84.4	85.1	24.8	24.9	25.3	104.5	107.2	110.5
Owensboro	6.2	5.5	5.6	2.2	2.3	2.3	8.4	7.9	8.1
Louisiana	180.9	168.2	167.5	116.3	108.7	107.2	385.4	383.3	381.8
Alexandria	3.5	(²)	(²)	2.3	(²)	(²)	10.8	(²)	(²)
Baton Rouge	21.0	19.9	19.9	10.5	10.2	10.5	53.0	50.7	50.8
Houma-Thibodaux	5.5	4.1	4.1	7.5	6.6	6.3	15.6	14.0	13.8
Lafayette	6.2	5.5	5.5	7.3	7.2	7.1	26.1	25.1	24.8
Lake Charles	9.1	8.9	8.8	4.2	3.8	4.2	15.0	14.6	14.6
Monroe	7.4	7.6	7.5	2.9	2.6	2.5	15.3	15.8	15.8
New Orleans	46.2	43.2	42.7	46.5	44.4	44.1	138.9	139.7	139.2
Shreveport	23.3	19.0	18.6	8.8	8.2	7.8	33.8	31.8	31.6
Maine	106.0	103.3	104.4	19.2	18.7	19.1	107.6	109.6	114.4
Lewiston-Auburn	10.7	10.4	10.5	1.3	1.4	1.4	8.6	8.7	8.9
Portland	16.6	16.9	16.9	5.6	5.7	5.8	31.3	31.3	32.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Georgia	136.1	141.1	141.6	464.4	474.3	478.9	451.9	457.0	457.3
Albany	2.5	2.5	2.5	7.6	7.7	7.7	12.0	11.7	11.8
Athens	1.9	1.9	1.9	8.3	8.2	8.3	18.1	18.0	18.1
Atlanta	88.4	92.0	92.1	278.2	285.6	289.8	178.2	183.7	183.5
Augusta	5.2	5.6	5.6	25.6	25.9	25.5	32.1	31.9	31.8
Columbus	5.8	6.0	6.0	13.9	14.2	14.3	20.3	20.7	20.6
Macon-Warner Robins	6.7	6.9	6.9	19.7	20.3	20.3	32.5	33.2	33.2
Savannah	4.2	4.5	4.4	20.3	20.3	20.4	16.7	16.9	16.7
Hawaii	31.9	32.6	32.5	109.7	112.6	112.6	94.6	95.3	95.6
Honolulu	27.0	27.8	27.6	86.1	88.8	88.7	80.3	80.7	80.9
Idaho	23.7	23.8	23.9	64.9	66.8	66.3	71.8	71.8	72.0
Boise City	8.2	8.3	8.4	17.8	18.8	18.9	16.2	16.8	16.8
Illinois	336.7	339.8	341.9	1,095.4	1,111.9	1,117.4	710.4	712.9	708.3
Aurora-Elgin	6.6	6.6	6.6	26.3	27.4	27.7	14.2	14.0	14.4
Bloomington-Normal	8.7	8.8	8.8	10.5	10.4	10.5	10.8	11.8	11.1
Champaign-Urbana-Rantoul	2.5	2.6	2.5	13.0	13.1	13.1	31.9	33.0	33.8
Chicago	241.2	247.4	248.9	739.9	747.9	752.6	351.2	359.7	359.6
Davenport-Rock Island-Moline	7.2	7.2	7.2	28.1	27.9	28.4	26.9	26.9	27.0
Decatur	2.7	2.6	2.6	9.6	9.9	9.9	5.3	5.5	5.5
Joliet	3.6	3.6	3.6	18.5	18.8	19.0	16.0	16.0	16.1
Kankakee	1.6	1.6	1.6	7.7	8.1	7.9	6.8	6.4	6.4
Lake County	5.4	5.7	5.5	39.0	41.8	43.0	30.1	32.9	32.9
Peoria	6.8	7.0	7.0	30.3	30.4	30.4	15.8	15.6	15.9
Rockford	4.8	4.8	4.9	22.3	22.5	22.6	12.0	12.1	12.1
Springfield	7.7	7.8	7.8	21.3	22.1	22.1	31.0	31.0	31.0
Indiana	105.5	110.1	111.1	413.2	427.8	434.0	339.7	345.8	341.6
Anderson	1.6	1.6	1.6	8.7	9.1	9.0	5.7	5.8	5.9
Elkhart-Goshen	2.2	2.3	2.3	11.7	12.1	12.2	5.3	5.3	5.3
Evansville	4.7	4.8	4.8	27.5	27.7	27.9	11.5	11.9	11.9
Fort Wayne	10.8	11.2	11.3	33.0	33.7	34.2	17.1	17.4	17.4
Gary-Hammond	7.7	7.8	7.9	42.9	43.6	44.1	30.2	31.0	30.8
Indianapolis	40.8	41.6	42.0	122.6	125.6	129.2	86.0	88.0	88.3
Lafayette	2.7	2.7	2.7	10.4	10.4	10.4	19.9	20.8	17.4
Muncie	1.6	1.5	1.6	9.5	9.5	9.6	11.0	11.2	11.5
South Bend-Mishawaka	5.1	5.2	5.2	28.2	28.7	28.9	11.2	11.3	11.4
Terre Haute	1.7	1.7	1.7	10.5	10.4	10.3	9.8	10.7	9.8
Iowa	62.6	64.3	64.7	234.9	236.0	237.1	214.0	215.6	217.1
Cedar Rapids	4.9	5.0	5.0	17.4	18.3	18.3	10.3	10.4	10.8
Des Moines	24.4	25.2	25.3	46.3	46.6	47.1	29.4	29.2	29.2
Dubuque	1.4	(²)	(²)	11.2	(²)	(²)	3.6	(²)	(²)
Iowa City	1.3	(²)	(²)	7.4	(²)	(²)	24.7	(²)	(²)
Sioux City	2.6	2.6	2.7	12.2	12.6	12.7	6.5	6.4	6.5
Waterloo-Cedar Falls	3.1	3.1	3.1	13.5	13.9	13.9	12.1	12.1	12.2
Kansas	52.5	54.1	54.5	188.8	193.3	194.7	195.9	202.0	203.5
Lawrence .....	.9	(²)	(²)	4.9	(²)	(²)	11.0	(²)	(²)
Topeka	5.7	6.0	6.0	18.0	18.3	18.1	20.6	21.0	20.8
Wichita	10.7	11.0	11.2	41.4	42.1	42.0	25.8	25.9	26.0
Kentucky	56.9	60.2	60.2	249.2	252.6	254.2	234.6	233.2	234.8
Lexington-Fayette	8.1	8.5	8.6	37.3	39.2	38.4	33.8	34.5	34.8
Louisville	26.6	28.0	28.4	91.6	95.8	96.4	57.6	59.8	59.6
Owensboro	1.2	1.3	1.3	6.9	7.3	7.2	4.8	4.9	4.9
Louisiana	85.1	85.5	85.1	321.5	319.1	318.3	329.3	328.6	327.5
Alexandria	2.5	(²)	(²)	9.7	(²)	(²)	13.2	(²)	(²)
Baton Rouge	13.7	14.0	13.9	41.3	41.7	41.6	54.8	54.1	53.9
Houma-Thibodaux	2.6	2.7	2.7	8.9	8.7	8.7	11.4	11.3	11.4
Lafayette	4.0	3.8	3.8	20.0	19.1	18.8	13.6	14.1	13.9
Lake Charles	2.7	2.7	2.6	11.1	10.6	10.6	11.0	11.0	11.2
Monroe	4.3	4.5	4.5	11.1	11.1	11.1	11.1	9.8	9.8
New Orleans	33.2	32.7	32.7	133.7	132.0	130.7	90.3	85.9	85.9
Shreveport	7.9	7.9	7.9	31.8	29.8	30.2	26.1	26.9	27.0
Maine	20.7	22.1	22.5	94.4	95.5	98.0	85.4	89.6	87.0
Lewiston-Auburn	1.9	2.0	2.0	9.3	9.3	9.5	3.7	3.8	3.8
Portland	9.5	10.3	10.4	25.6	25.7	26.6	13.7	14.8	14.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Maryland	1,892.1	1,913.7	1,932.1	1.8	1.8	1.8	130.1	133.9	137.1
Baltimore MSA	1,027.9	1,031.8	1,041.4	.2	.2	.2	62.3	65.8	66.8
Baltimore City	459.4	458.0	461.2	(¹)	(¹)	(¹)	19.4	20.2	20.1
Suburban Maryland-D.C.	660.2	677.0	681.0	.6	.5	.6	55.0	58.0	59.9
Massachusetts	2,935.2	2,966.0	2,987.4	1.3	1.3	1.4	109.2	111.9	116.2
Boston	1,648.5	1,679.7	1,690.4	.6	.7	.8	56.9	60.2	63.1
Brockton	68.2	69.9	70.8	(¹)	(¹)	(¹)	3.0	3.7	4.1
Fall River	54.6	54.1	54.4	(¹)	(¹)	(¹)	1.8	1.9	2.2
Fitchburg-Leominster	39.2	40.2	40.9	(¹)	(¹)	(¹)	2.0	2.2	2.5
Lawrence-Haverhill	157.5	163.2	163.7	(¹)	(¹)	(¹)	9.7	10.5	10.5
Lowell	104.0	106.9	107.1	(¹)	(¹)	(¹)	4.2	4.7	5.0
New Bedford	67.4	67.5	68.0	(¹)	(¹)	(¹)	2.4	2.2	2.4
Pittsfield	40.3	40.7	41.5	(¹)	(¹)	(¹)	1.7	1.7	1.8
Springfield	226.9	228.1	229.8	.1	.1	.1	7.5	8.1	8.6
Worcester	183.0	186.9	188.4	.1	.1	.1	7.4	8.3	8.9
Michigan	3,512.1	3,558.7	3,591.2	10.6	11.1	11.5	95.5	102.0	111.9
Ann Arbor	145.8	152.0	150.0	.2	(¹)	(¹)	4.0	4.8	5.4
Battle Creek	54.3	(²)	(²)	(¹)	(²)	(²)	1.5	(²)	(²)
Benton Harbor	59.4	(²)	(²)	.1	(²)	(²)	1.4	(²)	(²)
Detroit	1,751.2	1,787.1	1,798.1	1.0	.9	1.0	45.6	46.1	51.1
Flint	171.1	172.8	174.6	(¹)	(¹)	(¹)	4.6	3.7	4.6
Grand Rapids	294.1	291.9	295.4	.4	(¹)	(¹)	10.8	10.1	10.8
Jackson	48.3	(²)	(²)	.2	(²)	(²)	1.0	(²)	(²)
Kalamazoo	95.8	99.2	98.2	.1	(¹)	(¹)	2.8	2.7	2.9
Lansing-East Lansing	191.0	194.6	198.3	.6	(¹)	(¹)	4.2	6.2	6.8
Muskegon	54.6	(²)	(²)	.1	(²)	(²)	1.9	(²)	(²)
Saginaw-Bay City-Midland	144.8	145.2	147.3	.2	(¹)	(¹)	5.4	4.6	5.5
Minnesota	1,882.2	1,876.5	1,906.1	9.8	7.9	8.5	72.3	65.4	75.1
Duluth	86.8	83.5	85.1	6.1	5.1	5.1	2.8	2.3	2.7
Minneapolis-St. Paul	1,215.0	1,222.9	1,237.0	(¹)	(¹)	(¹)	46.5	43.3	48.3
Rochester	55.4	(²)	(²)	(¹)	(²)	(²)	1.8	(²)	(²)
St. Cloud	64.5	65.0	66.0	(¹)	(¹)	(¹)	3.1	2.3	2.5
Mississippi	839.6	849.9	852.7	9.0	7.6	7.3	36.9	35.5	35.9
Jackson	165.3	168.3	169.2	1.7	1.2	1.2	8.0	8.2	8.2
Missouri	2,111.6	2,138.6	2,163.9	6.5	6.2	6.1	96.2	100.5	106.2
Kansas City	701.8	701.2	704.8	.5	.5	.5	31.7	29.0	28.7
St. Joseph	36.5	(²)	(²)	(¹)	(²)	(²)	1.4	(²)	(²)
St. Louis	1,068.6	1,080.8	1,089.5	4.1	3.7	3.7	53.9	55.9	56.8
Springfield	99.4	100.7	101.8	.1	.1	.1	4.2	4.3	4.5
Montana	281.3	275.3	278.0	6.9	6.4	6.5	12.3	11.1	12.0
Nebraska	656.0	652.4	661.9	1.8	1.9	2.0	27.3	25.4	26.9
Lincoln	106.0	104.4	106.3	(¹)	(¹)	(¹)	3.8	3.7	3.7
Omaha	290.0	286.8	288.8	.3	.3	.3	13.0	11.9	12.5
Nevada	447.0	458.3	462.7	5.9	6.1	6.2	24.3	25.0	26.4
Las Vegas	254.1	262.7	264.5	.3	.3	.3	14.7	15.8	16.4
Reno	122.1	124.1	125.0	.7	.6	.6	6.1	6.0	6.3
New Hampshire	461.0	479.8	485.1	.5	.5	.5	30.4	35.5	37.3
Manchester	79.2	(²)	(²)	(¹)	(²)	(²)	4.6	(²)	(²)
Nashua	83.5	83.7	83.7	.1	.1	.1	3.8	3.7	3.9
New Jersey	3,415.4	3,486.6	3,515.4	2.1	2.4	2.4	143.2	141.5	146.7
Atlantic City	149.4	(²)	(²)	(¹)	(²)	(²)	8.4	(²)	(²)
Bergen-Passaic	634.7	646.7	648.7	.1	.3	.3	26.9	26.5	27.4
Camden	396.4	407.1	410.4	.1	.1	.1	18.4	19.6	20.4
Jersey City	229.5	233.1	234.4	(¹)	(¹)	(¹)	5.6	5.9	6.1
Middlesex-Somerset-Hunterdon	475.0	492.4	495.0	.6	.6	.6	19.9	20.3	20.9
Monmouth-Ocean	296.2	301.0	308.1	(¹)	(¹)	(¹)	17.3	18.8	19.8
Newark	936.4	940.3	943.1	.7	.7	.6	32.5	31.2	32.2
Trenton	179.9	186.2	186.8	(¹)	(¹)	(¹)	4.2	3.7	4.0
Vineland-Millville-Bridgeton	52.6	(²)	(²)	.3	(²)	(²)	2.0	(²)	(²)

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Maryland	218.3	209.4	208.4	90.4	89.7	90.3	472.9	474.7	483.5
Baltimore MSA	141.3	131.2	130.9	58.9	56.6	57.0	246.0	243.8	249.1
Baltimore City	54.4	49.8	49.5	32.7	31.1	31.1	97.5	92.5	95.3
Suburban Maryland-D.C.	35.0	35.6	35.5	19.0	19.3	19.4	172.9	176.0	176.3
Massachusetts	664.4	644.4	640.7	126.3	127.4	128.3	678.3	690.2	701.8
Boston	320.0	310.9	309.7	74.6	75.9	76.7	364.1	372.3	371.1
Brockton	12.0	11.3	11.4	4.8	4.7	4.7	19.9	20.6	20.7
Fall River	18.6	18.0	17.7	1.8	1.7	1.6	12.9	13.3	13.5
Fitchburg-Leominster	13.5	13.4	13.4	1.6	1.7	1.7	9.1	9.4	9.6
Lawrence-Haverhill	55.4	55.6	55.1	6.1	6.5	6.7	32.8	34.0	34.7
Lowell	40.3	38.9	38.2	3.7	3.7	3.8	22.0	24.3	24.5
New Bedford	23.9	22.8	22.7	2.6	2.5	2.5	15.2	15.8	16.1
Pittsfield	12.0	11.7	11.7	.9	.9	1.0	10.3	11.0	11.3
Springfield	54.0	52.5	52.5	8.7	8.6	8.7	52.2	52.3	53.2
Worcester	47.0	44.6	44.5	8.2	8.0	8.0	43.4	45.1	45.7
Michigan	981.8	981.4	976.8	142.9	145.5	147.1	790.0	787.5	802.3
Ann Arbor	35.5	32.9	32.8	4.2	4.2	4.2	23.2	24.8	25.6
Battle Creek	14.8	(²)	(²)	1.8	(²)	(²)	10.0	(²)	(²)
Benton Harbor	20.4	(²)	(²)	2.5	(²)	(²)	11.6	(²)	(²)
Detroit	480.2	481.0	475.7	77.7	79.8	80.2	405.2	414.8	421.1
Flint	63.4	66.8	66.3	4.7	4.5	4.3	40.4	40.4	41.0
Grand Rapids	98.9	98.5	98.5	10.5	10.7	10.6	71.4	71.6	72.8
Jackson	12.9	(²)	(²)	4.3	(²)	(²)	10.0	(²)	(²)
Kalamazoo	29.0	29.7	29.8	3.1	3.0	3.0	20.9	20.9	21.4
Lansing-East Lansing	39.1	38.2	38.7	5.3	4.9	4.8	35.8	36.6	37.4
Muskegon	19.4	(²)	(²)	2.6	(²)	(²)	11.6	(²)	(²)
Saginaw-Bay City-Midland	46.8	44.6	44.5	7.0	6.9	6.8	32.1	34.7	34.9
Minnesota	374.5	365.6	366.2	99.5	97.9	99.1	468.2	465.4	473.1
Duluth	7.0	6.8	6.9	6.2	5.7	5.8	22.0	21.2	21.8
Minneapolis-St. Paul	257.9	251.4	251.5	67.6	68.5	68.8	296.3	299.6	301.8
Rochester	11.2	(²)	(²)	1.9	(²)	(²)	11.3	(²)	(²)
St. Cloud	10.6	11.3	11.3	3.7	3.7	3.7	18.4	19.6	20.0
Mississippi	219.7	221.1	222.3	39.6	39.4	39.6	177.3	181.0	183.0
Jackson	20.4	20.4	20.6	10.9	10.8	10.8	39.6	40.5	41.2
Missouri	432.4	426.6	426.0	141.9	142.4	144.7	508.6	523.3	531.6
Kansas City	120.7	118.7	118.5	52.9	53.3	54.1	184.7	187.6	189.8
St. Joseph	9.3	(²)	(²)	2.1	(²)	(²)	8.9	(²)	(²)
St. Louis	224.6	224.7	224.7	73.4	71.5	72.6	253.4	256.1	259.2
Springfield	19.7	19.0	19.2	6.3	5.9	5.9	27.4	27.8	28.0
Montana	21.5	20.6	20.6	20.8	20.3	20.5	75.7	73.3	73.8
Nebraska	89.8	87.6	88.3	43.7	41.5	41.7	168.0	165.5	167.2
Lincoln	12.9	12.9	12.9	6.0	5.6	5.9	24.2	23.6	23.7
Omaha	35.1	33.6	33.5	23.3	21.9	21.9	73.1	71.6	72.5
Nevada	21.9	22.1	22.2	25.2	25.9	26.0	90.4	93.2	94.3
Las Vegas	7.8	8.0	8.0	14.5	14.6	14.6	52.1	54.2	54.8
Reno	8.4	8.0	8.1	7.8	8.4	8.5	27.1	27.9	28.0
New Hampshire	123.0	121.2	120.8	15.5	15.2	15.5	110.5	114.8	116.9
Manchester	15.6	(²)	(²)	4.6	(²)	(²)	21.0	(²)	(²)
Nashua	37.4	36.8	36.6	2.1	2.2	2.2	17.0	16.8	16.8
New Jersey	717.8	717.2	716.3	225.2	228.4	229.4	808.0	825.1	839.8
Atlantic City	8.1	(²)	(²)	5.8	(²)	(²)	33.8	(²)	(²)
Bergen-Passaic	167.3	166.3	166.0	31.3	31.7	31.5	176.8	178.7	179.7
Camden	75.6	77.7	78.1	16.9	17.2	17.2	106.0	107.6	109.0
Jersey City	55.1	53.4	54.3	29.0	30.0	29.9	53.7	56.3	56.8
Middlesex-Somerset-Hunterdon	113.7	113.9	114.0	36.6	37.5	37.7	114.8	117.4	117.9
Monmouth-Ocean	31.9	31.7	31.5	14.2	14.9	15.0	81.1	81.6	84.5
Newark	200.8	192.2	191.2	79.2	76.5	76.3	190.3	194.2	195.5
Trenton	31.9	33.4	33.1	5.7	5.8	6.0	28.8	30.1	30.5
Vineland-Millville-Bridgeton	14.5	(²)	(²)	2.2	(²)	(²)	10.4	(²)	(²)

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a
Maryland	108.8	115.2	116.2	473.4	488.3	493.8	396.4	400.7	401.0
Baltimore MSA	66.1	69.8	70.2	248.0	257.3	260.1	205.1	207.3	207.1
Baltimore City	42.0	43.8	43.7	126.1	130.8	131.5	87.3	89.8	90.0
Suburban Maryland-D.C.	35.4	37.6	38.0	185.1	192.9	193.9	157.2	157.1	157.4
Massachusetts	185.6	195.3	197.1	785.7	811.0	816.3	384.4	384.5	385.6
Boston	127.1	133.6	135.0	511.2	530.0	531.9	194.0	196.1	197.1
Brockton	2.9	3.0	3.0	14.3	14.9	15.2	11.3	11.7	11.7
Fall River	2.7	2.7	2.7	10.1	10.0	10.1	6.7	6.5	6.6
Fitchburg-Leominster	1.4	1.5	1.5	7.1	7.2	7.5	4.5	4.8	4.7
Lawrence-Haverhill	5.3	5.4	5.5	29.8	31.5	31.8	18.6	19.7	19.4
Lowell	3.4	3.8	3.9	17.4	17.9	18.1	13.0	13.5	13.5
New Bedford	2.4	2.9	3.0	11.5	11.7	11.8	9.4	9.6	9.5
Pittsfield	2.1	2.1	2.1	8.6	8.4	8.6	4.7	4.8	4.9
Springfield	14.3	14.8	15.1	52.9	54.7	54.4	37.2	37.0	37.2
Worcester	11.3	11.8	11.9	42.8	44.9	45.2	22.8	24.1	24.1
Michigan	160.3	165.1	166.0	746.4	767.3	777.5	584.6	598.7	596.0
Ann Arbor	4.2	4.3	4.4	29.0	30.1	30.4	45.5	50.8	47.0
Battle Creek	3.8	(²)	(²)	10.9	(²)	(²)	11.4	(²)	(²)
Benton Harbor	2.1	(²)	(²)	13.1	(²)	(²)	8.1	(²)	(²)
Detroit	94.9	97.3	98.1	418.7	433.6	437.9	229.9	233.5	233.0
Flint	5.9	6.1	6.2	29.0	29.1	29.1	23.1	22.2	23.0
Grand Rapids	11.7	12.1	12.1	60.3	59.2	60.0	30.0	29.3	30.1
Jackson	1.6	(²)	(²)	9.3	(²)	(²)	8.9	(²)	(²)
Kalamazoo	3.9	4.1	4.1	21.6	22.2	22.4	14.5	16.6	14.5
Lansing-East Lansing	10.2	10.9	11.1	32.3	33.8	34.1	63.7	63.5	64.8
Muskegon	1.3	(²)	(²)	10.2	(²)	(²)	7.5	(²)	(²)
Saginaw-Bay City-Midland	6.0	5.9	6.0	27.6	28.9	29.6	19.6	19.4	19.8
Minnesota	110.3	114.8	115.2	435.9	443.9	449.1	311.8	315.7	319.8
Duluth	3.0	3.1	3.1	19.9	20.0	20.1	19.8	19.4	19.5
Minneapolis-St. Paul	84.2	88.9	89.3	294.7	301.1	303.9	167.0	169.3	172.4
Rochester	1.5	(²)	(²)	21.7	(²)	(²)	5.8	(²)	(²)
St. Cloud	2.2	2.2	2.2	13.3	13.2	13.4	13.1	12.5	12.6
Mississippi	35.5	36.6	36.8	131.9	135.8	136.3	189.7	192.9	191.5
Jackson	12.8	13.3	13.5	34.7	36.3	36.3	37.3	37.7	37.5
Missouri	120.4	123.4	124.2	465.9	476.9	485.3	339.7	339.3	339.8
Kansas City	51.0	52.5	52.9	155.5	152.5	153.6	104.9	107.0	106.9
St. Joseph	2.0	(²)	(²)	7.1	(²)	(²)	5.7	(²)	(²)
St. Louis	64.4	67.6	68.1	256.3	262.0	265.7	138.5	139.3	138.7
Springfield	4.6	4.6	4.7	24.0	25.7	25.8	13.0	13.3	13.6
Montana	13.3	12.9	12.9	60.0	60.0	60.4	70.9	70.8	71.1
Nebraska	45.0	46.7	47.1	143.2	144.1	145.5	137.3	139.8	143.2
Lincoln	7.8	7.9	8.0	21.3	21.5	21.8	30.1	29.1	30.4
Omaha	26.6	27.5	27.7	75.0	74.8	75.2	43.6	45.2	45.3
Nevada	21.3	22.6	22.6	196.2	201.5	203.3	61.8	61.9	61.7
Las Vegas	12.7	13.5	13.6	122.3	125.3	125.8	29.7	31.0	31.0
Reno	6.4	6.6	6.6	48.2	50.6	51.3	17.4	16.0	15.6
New Hampshire	25.0	27.1	27.4	96.5	103.5	104.6	59.6	62.0	62.1
Manchester	6.9	(²)	(²)	18.9	(²)	(²)	7.6	(²)	(²)
Nashua	2.7	2.8	2.8	14.7	15.1	15.1	5.7	6.2	6.2
New Jersey	191.5	198.5	199.7	794.4	823.6	833.5	533.3	549.9	547.6
Atlantic City	6.7	(²)	(²)	62.7	(²)	(²)	23.9	(²)	(²)
Bergen-Passaic	32.4	33.8	34.2	135.2	141.3	142.4	64.6	68.1	67.2
Camden	19.9	20.7	20.7	91.0	94.5	95.2	68.5	69.7	69.7
Jersey City	8.7	9.1	9.0	37.3	37.0	37.0	40.1	41.4	41.3
Middlesex-Somerset-Hunterdon	28.1	29.3	29.6	92.1	100.5	102.0	69.3	72.9	72.3
Monmouth-Ocean	14.4	15.0	15.2	78.2	79.7	82.6	59.1	59.2	59.4
Newark	69.8	72.5	72.6	229.0	234.7	236.4	134.1	138.3	138.3
Trenton	8.8	9.0	9.0	48.5	50.5	50.5	52.0	53.7	53.7
Vineland-Millville-Bridgeton	2.7	(²)	(²)	9.3	(²)	(²)	11.2	(²)	(²)

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
New Mexico	519.3	521.4	522.9	20.7	15.3	14.7	38.2	36.1	37.3
Albuquerque	219.2	224.8	224.3	.3	.3	.3	18.1	17.9	18.3
Las Cruces	36.4	38.9	39.0	(¹)	(¹)	(¹)	2.7	2.8	2.9
Santa Fe	50.3	50.4	51.5	.2	.1	.1	3.5	3.2	3.4
New York	7,768.3	7,839.3	7,905.7	7.0	8.2	6.5	286.3	293.0	312.0
Albany-Schenectady-Troy	382.4	388.7	392.0	.3	.3	.4	15.3	15.3	18.4
Binghamton	119.1	116.2	117.7	(¹)	(¹)	(¹)	5.1	4.8	5.3
Buffalo	415.2	418.7	424.8	.5	.5	.5	15.5	16.0	17.4
Elmira	35.0	35.7	36.1	(¹)	(¹)	(¹)	1.1	1.3	1.5
Glens Falls	42.3	41.1	42.6	(¹)	(¹)	(¹)	1.7	1.7	1.9
Monroe County	371.2	(²)	(²)	.4	(²)	(²)	12.5	(²)	(²)
Nassau-Suffolk	1,073.3	1,102.4	1,111.8	.3	.3	.3	50.9	53.7	55.4
New York PMSA	3,987.6	4,045.1	4,058.0	1.9	1.8	1.7	131.6	140.8	143.3
New York City	3,484.0	3,539.1	3,548.1	1.4	1.3	1.2	104.7	112.8	113.9
Niagara Falls	79.3	77.2	78.9	(¹)	(¹)	(¹)	3.0	2.5	2.9
Orange County	92.6	94.0	95.2	(¹)	(¹)	(¹)	3.7	3.9	4.2
Poughkeepsie	114.9	115.6	116.0	.2	.2	.2	5.4	5.7	6.0
Rochester	456.0	453.8	456.4	.8	.7	.7	15.4	15.1	16.9
Rockland County	93.5	93.6	93.8	(²)	(²)	(²)	4.0	4.1	4.2
Syracuse	289.1	290.5	290.8	.4	.1	.1	16.1	14.8	15.9
Utica-Rome	117.5	117.0	118.3	.2	.2	.2	3.7	3.7	4.0
Westchester County	394.2	396.0	399.5	.3	.3	.3	21.8	22.6	23.8
North Carolina	2,645.5	2,709.8	2,717.3	4.8	4.6	4.7	149.2	158.8	162.4
Asheville	75.4	75.2	75.5	.1	.1	.1	3.6	3.5	3.6
Charlotte-Gastonia-Rock Hill	518.0	525.3	527.0	.3	.3	.3	29.6	30.0	30.3
Greensboro-Winston-Salem-High Point	435.4	443.9	443.9	.4	.4	.4	21.9	23.4	24.0
Raleigh-Durham	351.4	362.3	357.8	.3	.4	.4	24.0	24.6	24.5
North Dakota	254.4	247.6	251.3	6.9	4.9	4.7	12.4	8.7	10.5
Bismarck	36.1	35.7	36.1	.2	.2	.2	1.8	1.3	1.5
Fargo-Moorhead	67.0	67.2	68.0	(¹)	(¹)	(¹)	3.2	2.4	3.0
Grand Forks	28.6	28.7	29.2	(¹)	(¹)	(¹)	1.4	1.3	1.6
Ohio	4,404.3	4,481.6	4,533.0	28.4	25.0	25.0	156.3	150.9	182.5
Akron	261.2	264.6	269.0	.8	.7	.7	8.5	8.2	9.4
Canton	152.9	(²)	(²)	1.2	(²)	(²)	5.5	(²)	(²)
Cincinnati	630.3	648.6	652.0	.4	.5	.5	23.7	23.4	24.7
Cleveland	870.6	880.6	889.7	1.2	1.1	1.1	27.8	27.0	28.8
Columbus	606.3	635.1	641.8	1.0	1.0	.9	21.6	22.3	23.7
Dayton-Springfield	409.5	417.0	421.0	.4	.4	.4	13.7	14.0	15.1
Toledo	264.9	270.0	273.0	.2	.2	.3	8.3	8.3	9.1
Youngstown-Warren	185.7	(²)	(²)	.8	(²)	(²)	6.3	(²)	(²)
Oklahoma	1,191.0	1,161.2	1,162.2	67.8	55.9	53.2	47.8	43.3	44.2
Enid	24.4	(²)	(²)	1.8	(²)	(²)	.9	(²)	(²)
Lawton	34.2	33.4	33.5	.3	.2	.2	1.3	1.2	1.3
Oklahoma City	431.2	418.8	416.9	17.4	14.5	14.0	17.4	15.1	14.9
Tulsa	304.7	302.0	302.4	20.3	19.8	19.5	13.8	12.9	13.2
Oregon	1,028.6	1,040.7	1,053.3	1.6	1.6	1.7	32.2	30.5	32.4
Eugene-Springfield	97.7	97.6	99.2	.2	.2	.2	2.8	2.9	3.1
Portland	517.5	522.6	527.4	.6	.5	.6	16.7	16.2	16.8
Salem	87.1	89.1	90.3	.1	.1	.1	2.8	3.1	3.3
Pennsylvania	4,745.6	4,788.2	4,827.5	37.3	34.5	35.1	189.7	190.1	200.5
Allentown-Bethlehem	263.3	261.6	264.9	.5	.5	.5	9.9	10.3	10.7
Altoona	48.9	49.5	50.0	(²)	(²)	(²)	2.5	2.4	2.8
Beaver County	54.4	52.4	52.7	(²)	(²)	(²)	3.4	4.3	4.3
Delaware Valley	1,648.6	1,676.1	1,674.6	1.1	1.1	1.0	63.5	65.7	85.0
Erie	109.2	109.5	110.7	.2	.2	.3	3.0	3.0	3.4
Harrisburg-Lebanon-Carlisle	277.8	279.8	283.6	.4	.3	.4	10.8	10.2	10.4
Johnstown	76.2	75.9	76.6	4.9	3.5	3.3	2.5	2.5	2.8
Lancaster	166.6	171.1	173.8	.4	.4	.4	8.3	9.0	9.3
Philadelphia PMSA	2,042.6	2,083.0	2,084.6	1.2	1.2	1.1	81.9	85.3	85.4
Philadelphia City	754.5	761.1	758.0	(²)	(²)	(²)	17.3	18.8	18.8
Pittsburgh	850.4	856.4	863.0	7.0	7.1	7.1	40.0	39.3	42.6

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a
New Mexico	36.9	36.6	37.1	30.3	28.7	28.6	120.8	125.7	127.4
Albuquerque	19.1	19.4	19.3	12.1	12.2	12.0	55.0	57.0	57.6
Las Cruces	3.1	3.1	3.1	1.4	1.4	1.4	7.3	8.0	8.0
Santa Fe	1.5	1.5	1.6	1.2	1.1	1.1	9.1	9.7	10.0
New York	1,297.0	1,264.1	1,264.6	419.0	408.9	411.3	1,626.1	1,635.6	1,655.4
Albany-Schenectady-Troy	51.6	50.4	50.4	16.7	15.6	15.7	80.4	82.8	83.6
Binghamton	40.0	37.5	37.5	4.2	4.0	4.0	23.9	23.7	24.2
Buffalo	78.8	76.8	76.9	21.7	21.2	21.4	101.3	104.4	106.4
Elmira	7.3	7.1	7.1	1.3	1.3	1.3	9.7	10.0	10.2
Glens Falls	10.1	9.8	9.8	1.4	1.3	1.3	9.3	9.1	9.6
Monroe County	126.7	(^a)	(^a)	11.2	(^a)	(^a)	74.5	(^a)	(^a)
Nassau-Suffolk	160.4	181.9	181.6	46.2	46.9	47.4	286.4	294.7	296.1
New York PMSA	496.7	483.6	484.9	259.1	252.3	252.8	757.2	764.7	766.8
New York City	409.9	398.0	399.4	233.8	227.3	227.7	637.9	644.1	645.3
Niagara Falls	24.8	23.8	23.9	3.7	3.5	3.8	18.1	17.6	18.0
Orange County	15.0	15.0	15.3	5.5	5.5	5.5	23.7	24.4	24.6
Poughkeepsie	34.6	33.4	33.2	3.3	3.1	3.1	19.9	20.3	20.3
Rochester	146.8	142.1	139.4	13.8	13.5	13.4	93.9	94.3	96.3
Rockland County	15.7	15.7	15.6	4.0	4.0	4.1	21.7	21.7	22.0
Syracuse	58.4	55.5	55.3	15.9	16.3	16.5	65.5	67.1	67.6
Utica-Rome	25.9	25.0	25.1	4.6	4.5	4.5	24.6	24.6	25.4
Westchester County	69.4	68.2	68.2	20.8	20.4	20.4	93.7	94.9	95.4
North Carolina	826.0	822.9	824.2	128.9	131.0	131.2	572.1	592.1	595.9
Asheville	20.8	20.7	20.3	3.5	3.6	3.6	17.3	17.1	17.4
Charlotte-Gastonia-Rock Hill	148.8	145.9	145.9	43.6	45.8	45.8	122.0	123.8	124.4
Greensboro-Winston-Salem-High Point	153.3	151.7	151.6	24.2	24.8	25.0	93.5	95.9	95.6
Raleigh-Durham	58.9	58.4	58.0	16.5	16.9	17.1	72.3	74.8	75.4
North Dakota	15.4	15.2	15.6	16.5	15.6	15.8	68.5	67.1	67.9
Bismarck	2.0	1.9	1.9	2.9	2.7	2.7	9.6	9.6	9.8
Fargo-Moorhead	4.7	4.7	4.8	3.9	3.8	3.8	20.2	20.4	20.7
Grand Forks	1.5	1.6	1.7	1.5	1.4	1.4	8.1	8.0	8.1
Ohio	1,128.3	1,110.8	1,107.2	203.4	202.6	204.1	1,035.1	1,074.5	1,091.5
Akron	68.7	66.5	66.5	12.8	13.1	13.1	62.3	64.8	65.6
Canton	46.5	(^a)	(^a)	5.9	(^a)	(^a)	36.9	(^a)	(^a)
Cincinnati	147.1	146.7	144.4	33.9	33.8	34.0	158.9	165.7	167.5
Cleveland	212.0	205.7	206.0	41.3	42.0	42.2	209.2	212.0	214.9
Columbus	105.7	105.7	105.2	25.8	26.1	26.2	152.0	161.2	163.7
Dayton-Springfield	106.7	104.7	104.7	14.5	15.0	15.2	89.8	93.7	95.2
Toledo	64.8	62.6	62.1	14.0	13.9	14.1	64.6	67.0	68.1
Youngstown-Warren	52.8	(^a)	(^a)	7.6	(^a)	(^a)	45.4	(^a)	(^a)
Oklahoma	173.5	163.6	162.5	64.0	63.0	63.5	289.8	287.5	290.0
Enid	1.9	(^a)	(^a)	2.5	(^a)	(^a)	7.0	(^a)	(^a)
Lawton	3.5	3.5	3.5	1.3	1.3	1.3	9.1	8.9	8.8
Oklahoma City	53.0	50.9	50.6	21.6	20.9	21.0	109.8	105.4	104.3
Tulsa	53.6	52.7	52.4	21.4	21.4	21.6	73.5	73.6	74.0
Oregon	195.2	194.8	197.7	57.4	58.1	58.0	257.1	259.8	262.3
Eugene-Springfield	18.0	17.5	17.8	4.5	4.0	4.1	24.5	24.6	24.9
Portland	92.6	91.3	92.0	33.6	34.2	33.8	136.4	137.9	139.3
Salem	11.2	11.1	11.4	2.5	2.6	2.6	20.4	20.6	21.1
Pennsylvania	1,095.2	1,051.9	1,052.3	240.5	237.2	238.5	1,062.0	1,092.1	1,106.7
Allentown-Bethlehem	88.1	80.2	80.3	14.1	14.0	14.1	54.3	56.8	57.6
Altoona	11.1	11.1	11.1	4.8	4.5	4.5	12.3	13.0	13.1
Beaver County	14.8	11.5	11.5	5.1	5.0	5.1	11.2	11.3	11.4
Delaware Valley	321.6	315.4	314.8	77.3	77.4	77.3	364.1	377.2	380.3
Erie	36.1	34.3	34.4	4.2	4.3	4.3	23.2	23.9	24.1
Harrisburg-Lebanon-Carlisle	52.4	49.7	49.6	17.8	17.5	17.9	61.0	63.2	64.1
Johnstown	12.4	12.5	12.4	5.1	5.1	5.1	16.3	16.7	17.1
Lancaster	58.2	58.1	59.0	6.9	6.8	6.8	39.8	41.6	42.5
Philadelphia PMSA	397.1	393.0	392.6	94.2	94.6	94.5	470.1	484.8	489.3
Philadelphia City	104.4	100.7	100.8	44.9	44.1	43.8	145.3	147.0	148.3
Pittsburgh	141.0	132.7	132.9	46.9	45.9	46.3	212.3	216.9	219.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
New Mexico	25.7	26.1	26.2	112.8	116.1	116.5	133.9	136.8	135.1
Albuquerque	13.3	13.5	13.6	57.4	59.1	58.8	43.9	45.4	44.4
Las Cruces	1.5	1.7	1.7	4.9	5.6	5.4	15.5	16.3	16.5
Santa Fe	2.0	2.0	2.0	12.8	12.5	13.1	20.0	20.3	20.2
New York	716.4	733.3	737.2	2,053.0	2,114.3	2,127.0	1,363.4	1,384.1	1,391.8
Albany-Schenectady-Troy	19.5	20.2	20.4	91.9	94.5	95.0	106.4	109.7	110.2
Binghamton	3.8	3.7	3.8	21.2	21.3	21.6	20.9	21.1	21.3
Buffalo	22.4	22.9	23.1	102.9	105.2	106.5	72.1	71.7	72.7
Elmira	1.1	1.2	1.2	8.1	8.5	8.5	6.3	6.3	6.4
Glens Falls	1.9	1.9	1.9	9.0	8.3	8.9	8.8	9.0	9.0
Monroe County	17.7	(²)	(²)	87.7	(²)	(²)	40.5	(²)	(²)
Nassau-Suffolk	64.8	67.3	67.6	266.7	275.1	278.9	177.8	182.3	182.5
New York PMSA	531.7	543.9	548.1	1,174.6	1,208.6	1,210.8	634.8	649.4	651.7
New York City	503.8	514.9	517.0	1,039.0	1,072.1	1,073.0	553.7	568.7	570.8
Niagara Falls	1.9	1.9	1.9	15.4	15.7	15.9	12.4	12.0	12.3
Orange County	3.5	3.5	3.5	19.5	19.8	20.0	21.5	21.8	22.0
Poughkeepsie	3.4	3.7	3.7	23.7	24.8	25.0	24.3	24.4	24.4
Rochester	19.7	20.0	20.2	102.6	104.5	105.3	63.1	63.6	64.3
Rockland County	3.6	3.8	3.8	23.0	23.2	23.1	21.5	21.0	21.2
Syracuse	18.8	18.9	19.0	65.2	69.0	67.4	48.7	48.8	49.0
Utica-Rome	6.1	6.3	6.3	23.9	24.0	23.9	28.6	28.7	28.8
Westchester County	23.8	24.7	24.7	108.6	109.0	110.4	56.0	55.9	56.2
North Carolina	107.5	113.5	114.4	426.7	449.7	450.0	430.3	437.2	434.5
Asheville	2.4	2.5	2.6	15.5	15.5	15.7	12.1	12.2	12.2
Charlotte-Gastonia-Rock Hill	28.1	29.6	29.7	88.7	91.0	92.2	56.9	58.9	58.4
Greensboro-Winston-Salem-High Point	20.5	21.2	21.3	71.4	74.2	74.0	50.1	52.4	52.0
Raleigh-Durham	18.4	19.8	20.1	78.3	82.4	81.6	82.6	85.0	80.8
North Dakota	12.5	12.6	12.6	57.8	59.1	59.1	64.4	64.4	65.1
Bismarck	1.7	1.7	1.7	9.8	10.2	10.0	8.1	8.1	8.3
Fargo-Moorhead	4.3	4.4	4.4	17.2	18.1	18.0	13.5	13.4	13.3
Grand Forks	1.1	1.1	1.1	6.1	6.2	6.3	8.9	9.1	9.0
Ohio	217.4	225.1	227.4	958.9	1,005.4	1,024.7	878.6	687.3	690.5
Akron	9.6	10.0	10.1	55.2	57.2	59.1	43.4	44.1	44.5
Canton	6.1	(²)	(²)	32.7	(²)	(²)	18.1	(²)	(²)
Cincinnati	35.4	36.8	37.2	148.9	157.0	158.9	82.0	84.8	85.0
Cleveland	48.9	50.5	51.2	214.5	226.0	228.7	115.8	116.5	116.8
Columbus	48.6	51.4	51.7	137.9	150.0	152.6	113.7	117.5	117.8
Dayton-Springfield	16.6	16.8	17.2	94.3	99.1	99.8	73.6	73.3	73.4
Toledo	10.1	11.0	11.4	61.5	65.0	65.7	41.4	42.0	42.3
Youngstown-Warren	7.4	(²)	(²)	41.6	(²)	(²)	23.8	(²)	(²)
Oklahoma	64.0	63.9	64.1	226.6	228.7	229.7	257.5	255.3	255.0
Enid	1.3	(²)	(²)	5.3	(²)	(²)	3.7	(²)	(²)
Lawton	1.6	1.5	1.5	5.3	5.3	5.4	11.8	11.5	11.5
Oklahoma City	27.3	26.8	26.7	86.2	85.4	85.6	98.5	99.8	99.8
Tulsa	17.4	17.1	17.2	69.5	69.6	70.1	35.2	34.9	34.4
Oregon	66.8	67.4	67.9	214.7	223.8	226.6	203.6	204.7	206.7
Eugene-Springfield	4.8	4.6	4.7	20.9	21.6	21.9	22.2	22.2	22.5
Portland	42.4	42.7	42.9	119.3	123.6	125.0	75.9	76.2	77.0
Salem	5.0	5.2	5.2	18.6	17.6	17.8	28.5	28.8	28.8
Pennsylvania	261.8	269.5	272.0	1,170.4	1,221.1	1,231.5	688.7	691.8	690.9
Allentown-Bethlehem	10.1	10.1	10.3	57.5	60.7	61.9	28.8	29.0	29.5
Altoona	1.5	1.4	1.5	9.8	10.0	10.2	6.9	7.1	7.0
Beaver County	1.8	1.8	1.8	10.8	11.2	11.3	7.3	7.3	7.3
Delaware Valley	121.0	123.5	124.2	472.4	490.2	488.3	227.6	225.6	223.7
Erie	5.0	5.0	5.1	24.4	25.7	25.7	13.1	13.1	13.4
Harrisburg-Lebanon-Carlisle	15.0	15.8	15.9	56.1	57.8	59.5	64.3	65.3	65.8
Johnstown	4.4	4.5	4.8	18.0	18.4	18.7	12.6	12.7	12.6
Lancaster	6.1	6.4	6.4	31.9	33.4	33.8	15.0	15.4	15.6
Philadelphia PMSA	140.9	144.2	144.8	561.2	584.6	583.5	296.0	295.3	293.4
Philadelphia City	66.0	67.0	67.3	236.4	245.3	242.7	140.2	138.2	136.3
Pittsburgh	49.7	51.1	51.3	244.3	254.6	253.7	109.2	108.8	109.6

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a
Pennsylvania—Continued									
Reading	142.5	142.9	143.8	(^a)	(^a)	(^a)	5.8	6.1	5.9
Scranton—Wilkes-Barre	276.8	277.9	282.0	0.8	0.8	0.8	11.3	10.5	11.4
Sharon	40.2	40.5	41.0	.2	.2	.2	1.0	1.2	1.4
State College	49.4	51.8	51.5	.3	.3	.3	1.8	1.7	1.9
Williamsport	45.4	46.7	47.3	(^a)	(^a)	(^a)	1.7	1.7	1.7
York	161.2	183.0	164.7	.4	.4	.4	7.8	7.9	8.4
Rhode Island									
Pawtucket—Woonsocket—Attleboro	428.6	424.9	430.9	.1	.1	.1	15.5	14.4	15.5
Pawtucket	126.7	128.6	129.9	.1	.1	.1	4.4	4.1	4.5
Providence	301.5	301.2	305.4	.1	.1	.1	10.6	10.5	11.4
South Carolina									
Charleston	1,304.0	1,334.5	1,344.8	1.8	1.7	1.8	84.1	87.2	88.6
Charleston	175.2	175.8	178.1	(^a)	(^a)	(^a)	13.4	13.1	13.3
Columbia	208.2	211.8	213.1	(^a)	(^a)	(^a)	12.6	13.4	13.6
Greenville—Spartanburg	285.3	289.4	289.6	(^a)	(^a)	(^a)	19.6	19.7	20.0
South Dakota									
Rapid City	252.3	247.0	252.1	2.5	2.3	2.3	9.5	8.1	9.4
Rapid City	33.8	32.6	33.4	.3	.3	.3	1.8	1.5	1.6
Sioux Falls	62.6	61.6	63.0	(^a)	(^a)	(^a)	3.0	2.6	3.2
Tennessee									
Chattanooga	1,856.4	1,916.8	1,930.9	7.5	6.7	6.7	82.9	82.9	84.5
Chattanooga	174.7	180.0	179.5	1.0	1.0	1.0	6.7	7.2	6.9
Johnson City—Kingsport—Bristol	149.9	152.2	152.5	.1	.1	.1	6.3	5.3	5.6
Knoxville	230.9	233.7	231.8	1.8	1.3	1.3	10.3	11.4	10.8
Memphis	384.3	384.0	386.5	.1	.1	.1	17.4	16.9	17.6
Nashville	429.8	429.7	433.4	.7	.7	.7	26.0	26.2	27.3
Texas									
Abilene	6,699.1	6,703.1	6,688.8	261.7	221.0	211.7	453.2	439.8	434.6
Abilene	54.0	53.6	53.2	4.1	3.5	3.4	2.9	2.9	2.9
Amarillo	81.5	80.9	81.3	1.9	1.5	1.5	4.6	3.8	3.7
Austin	359.7	368.0	369.0	1.1	1.1	1.1	28.2	25.6	25.6
Beaumont—Port Arthur	138.0	131.8	130.3	2.6	1.9	1.5	10.0	8.6	8.4
Brazoria	59.6	58.6	58.2	2.0	1.6	1.7	6.1	6.4	6.3
Brownsville—Harlingen	64.9	65.6	65.4	.1	.1	.1	3.2	3.1	3.1
Bryan—College Station	48.9	(^a)	(^a)	1.3	(^a)	(^a)	2.7	(^a)	(^a)
Corpus Christi	135.9	135.5	135.2	8.0	6.6	6.4	11.1	11.4	11.2
Dallas	1,311.2	1,349.7	1,352.3	23.9	23.3	22.8	85.0	83.8	82.0
El Paso	177.9	178.4	178.7	.3	.4	.4	9.4	9.1	9.2
Ft. Worth—Arlington	505.5	513.1	513.2	4.5	3.9	3.8	34.3	33.0	33.4
Galveston—Texas City	73.4	72.6	72.7	.8	.6	.5	3.4	2.7	2.8
Houston	1,486.3	1,486.0	1,461.5	91.2	85.4	84.0	107.9	99.2	98.0
Killeen—Temple	66.7	68.0	68.4	.1	.1	.1	4.2	3.9	3.9
Laredo	34.5	(^a)	(^a)	2.1	(^a)	(^a)	1.4	(^a)	(^a)
Longview—Marshall	69.4	67.9	67.6	4.6	4.2	4.2	3.7	3.3	3.2
Lubbock	91.1	92.0	92.3	.5	.4	.4	4.5	4.7	4.7
McAllen—Edinburg—Mission	84.1	86.9	86.0	1.6	1.3	1.3	4.6	4.5	4.5
Midland	49.6	47.6	47.3	11.6	9.8	9.6	2.4	2.3	2.3
Odessa	52.1	49.0	48.1	8.9	7.5	7.2	3.4	2.5	2.4
San Angelo	37.7	(^a)	(^a)	.9	(^a)	(^a)	2.3	(^a)	(^a)
San Antonio	484.0	487.4	488.1	3.4	2.9	2.7	37.1	36.0	35.6
Sherman—Denison	37.7	(^a)	(^a)	.3	(^a)	(^a)	1.7	(^a)	(^a)
Texarkana	45.4	(^a)	(^a)	.1	(^a)	(^a)	2.2	(^a)	(^a)
Tyler	62.6	63.8	63.9	2.9	2.3	2.1	2.8	2.9	2.9
Victoria	30.0	(^a)	(^a)	3.0	(^a)	(^a)	2.6	(^a)	(^a)
Waco	78.5	79.1	78.8	.2	.2	.2	4.4	4.6	4.7
Wichita Falls	52.0	(^a)	(^a)	3.0	(^a)	(^a)	2.1	(^a)	(^a)
Utah									
Provo—Orem	621.7	634.3	635.9	9.5	8.6	8.5	36.2	32.4	34.4
Provo—Orem	67.8	72.4	69.9	.1	.1	.1	3.5	3.2	3.6
Salt Lake City—Ogden	433.7	442.3	445.9	2.5	2.0	2.1	23.8	22.5	23.6
Vermont									
Burlington	222.6	224.5	225.9	.5	.6	.7	14.3	12.9	14.2
Burlington	68.3	68.9	69.1	(^a)	(^a)	(^a)	3.8	3.8	3.9
Springfield	13.6	13.5	13.6	(^a)	(^a)	(^a)	1.1	1.0	1.2

See footnotes at end of table.

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

B-6. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Pennsylvania-Continued									
Reading	50.3	47.6	48.3	6.0	6.2	6.2	29.5	30.3	30.4
Scranton-Wilkes-Barre	73.5	72.0	72.7	14.4	14.7	14.8	60.4	60.5	61.3
Sharon	10.2	10.1	10.1	2.1	1.8	1.8	9.8	10.1	10.3
State College	7.8	7.7	7.8	1.2	1.2	1.2	9.1	9.4	9.2
Williamsport	14.6	15.0	15.1	1.9	1.9	1.9	9.8	10.3	10.4
York	58.6	57.5	57.5	7.0	7.0	7.0	37.4	38.8	38.9
Rhode Island									
.....	117.7	119.4	119.6	13.9	13.7	13.8	93.9	91.8	94.3
Pawtucket-Woonsocket-Attleboro	54.2	55.7	55.9	3.5	3.5	3.5	28.9	28.9	29.4
Providence	75.5	76.5	76.9	10.6	10.3	10.4	64.0	64.4	66.0
South Carolina									
.....	364.0	360.5	362.7	56.4	56.7	57.1	278.8	290.3	294.0
Charleston	20.0	19.4	19.8	9.1	9.2	9.5	42.7	41.7	42.6
Columbia	27.9	27.7	27.7	9.5	9.8	9.7	45.2	46.3	46.7
Greenville-Spartanburg	97.9	95.3	95.9	10.1	10.2	10.3	63.2	65.8	66.0
South Dakota									
.....	28.4	27.4	27.7	12.7	12.4	12.5	66.6	64.8	66.3
Rapid City	3.8	3.7	3.6	1.9	1.8	1.8	9.6	9.0	9.4
Sioux Falls	8.4	7.9	8.1	4.6	4.4	4.4	17.1	16.4	16.5
Tennessee									
.....	489.7	486.0	487.9	91.3	91.1	93.5	430.6	462.4	464.9
Chattanooga	43.8	43.8	43.6	8.1	8.0	8.0	39.5	38.9	38.9
Johnson City-Kingsport-Bristol	52.2	51.2	50.8	5.6	5.6	5.6	32.8	33.1	33.3
Knoxville	49.7	49.1	47.9	8.7	8.7	8.7	55.5	55.6	55.4
Memphis	52.8	50.8	51.7	32.5	32.8	33.1	107.2	103.5	104.4
Nashville	90.7	90.3	91.3	22.3	20.2	21.3	104.1	103.9	104.3
Texas									
.....	1,006.5	980.5	973.9	384.2	377.6	377.4	1,701.6	1,709.2	1,708.4
Ablene	5.4	5.4	5.3	2.8	2.7	2.7	14.3	14.4	14.4
Amarillo	9.8	9.9	9.9	6.5	6.0	6.0	24.0	24.5	24.6
Austin	42.2	40.7	40.8	10.4	11.4	11.5	79.5	82.0	82.2
Beaumont-Port Arthur	28.2	25.9	25.4	10.6	9.8	9.7	32.9	32.6	32.5
Brazoria	16.9	15.7	15.6	2.2	2.1	2.1	11.5	11.3	11.2
Brownsville-Harlingen	9.8	8.9	8.9	3.4	3.3	3.3	18.2	18.6	18.5
Bryan-College Station	3.6	(²)	(²)	1.5	(²)	(²)	10.7	(²)	(²)
Corpus Christi	13.2	12.5	12.5	7.4	7.7	7.6	34.1	34.4	34.3
Dallas	233.4	233.9	234.2	83.1	86.1	86.1	346.8	357.0	358.9
El Paso	36.4	34.5	34.3	9.8	9.3	9.3	44.2	45.4	45.6
Ft. Worth-Arlington	114.0	116.7	114.4	26.3	27.7	27.9	135.2	136.9	136.9
Galveston-Texas City	10.6	9.9	9.6	5.9	5.5	5.5	14.1	13.9	14.2
Houston	174.4	165.9	164.1	100.4	100.0	99.9	378.8	371.0	370.8
Killeen-Temple	8.6	8.9	8.9	3.0	2.8	2.8	16.3	16.3	18.3
Laredo	1.8	(²)	(²)	3.7	(²)	(²)	10.6	(²)	(²)
Longview-Marshall	16.2	15.8	15.6	3.9	3.6	3.6	17.6	17.8	17.8
Lubbock	8.3	7.2	7.1	4.6	4.4	4.4	26.6	27.6	27.8
McAllen-Edinburg-Mission	11.4	11.8	11.7	2.6	2.6	2.6	25.6	27.5	26.8
Midland	3.8	3.7	3.7	2.5	2.3	2.3	11.0	11.0	11.0
Odessa	5.2	4.7	4.5	2.6	2.5	2.4	14.8	14.2	14.0
San Angelo	5.5	(²)	(²)	3.0	(²)	(²)	9.7	(²)	(²)
San Antonio	51.5	48.6	48.9	19.3	18.6	18.6	124.1	125.4	126.4
Sherman-Denison	12.0	(²)	(²)	2.0	(²)	(²)	8.3	(²)	(²)
Texarkana	7.5	(²)	(²)	1.9	(²)	(²)	10.6	(²)	(²)
Tyler	12.2	11.6	11.6	3.0	3.1	3.1	17.1	17.3	17.7
Victoria	3.2	(²)	(²)	1.6	(²)	(²)	8.1	(²)	(²)
Waco	16.5	16.3	16.1	3.5	3.5	3.5	18.9	18.9	19.0
Wichita Falls	8.6	(²)	(²)	2.8	(²)	(²)	12.8	(²)	(²)
Utah									
.....	93.8	92.3	92.5	36.6	37.0	37.0	146.3	149.7	151.4
Provo-Orem	11.5	11.8	11.8	2.1	2.1	2.1	14.0	15.0	14.8
Salt Lake City-Ogden	63.6	62.8	62.7	28.8	28.8	28.8	107.7	109.4	110.6
Vermont									
.....	50.0	49.2	49.2	9.4	9.5	9.7	49.4	51.2	51.6
Burlington	16.9	18.2	16.5	2.7	2.8	2.8	15.6	16.1	16.2
Springfield	4.1	3.8	3.7	.6	.6	.6	2.4	2.7	2.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a
Pennsylvania—Continued									
Reading	6.9	7.5	7.6	27.3	28.3	28.4	16.7	16.9	17.0
Scranton—Wilkes-Barre	11.4	11.9	12.1	63.3	66.0	67.9	41.7	41.5	41.0
Sharon	1.3	1.3	1.3	10.3	10.7	10.7	5.3	5.1	5.2
State College	1.5	1.5	1.5	8.1	8.6	8.7	19.6	21.4	20.9
Williamsport	2.2	2.2	2.3	8.7	9.2	9.3	6.5	8.4	6.6
York	4.5	4.8	4.9	27.4	28.8	29.6	18.1	18.0	18.0
Rhode Island									
.....	23.3	23.4	23.5	106.0	104.3	106.6	58.2	57.8	57.5
Pawtucket—Woonsocket—Attleboro	3.3	3.4	3.4	22.5	22.9	23.1	9.8	10.0	10.0
Providence	19.5	19.7	19.7	77.7	76.9	78.4	43.5	42.8	42.5
South Carolina									
.....	57.5	58.0	58.8	212.0	222.0	223.3	249.4	258.1	258.5
Charleston	8.3	8.2	8.2	32.8	34.9	35.5	48.8	49.0	49.3
Columbia	16.8	17.5	17.7	38.0	38.8	39.0	57.9	58.0	58.4
Greenville—Spartanburg	10.9	11.1	11.1	45.2	47.3	47.1	37.9	39.6	38.8
South Dakota									
.....	14.0	13.8	13.9	59.2	59.0	60.2	59.3	59.2	59.7
Rapid City	1.7	1.7	1.7	8.3	8.1	8.3	6.5	6.8	6.7
Sioux Falls	5.8	5.8	5.8	16.3	17.0	17.4	7.3	7.5	7.5
Tennessee									
.....	89.4	88.4	89.9	359.5	360.1	384.5	305.5	319.2	319.0
Chattanooga	10.5	10.9	11.0	33.9	40.2	40.3	31.3	30.0	29.8
Johnson City—Kingsport—Bristol	4.9	4.7	4.8	24.3	24.9	25.1	23.8	27.3	27.2
Knoxville	9.0	8.3	8.1	48.9	50.6	51.0	47.0	48.7	48.6
Memphis	22.0	23.3	23.2	87.3	87.2	88.3	65.0	69.4	68.2
Nashville	29.1	29.5	29.4	94.4	94.7	94.9	62.8	64.2	64.2
Texas									
.....	443.4	450.4	451.8	1,348.8	1,373.6	1,378.5	1,101.7	1,151.0	1,152.3
Arlene	2.8	2.8	2.8	13.5	13.8	13.6	8.2	8.1	8.1
Amarillo	4.6	4.5	4.4	16.1	16.3	16.6	14.0	14.4	14.6
Austin	24.3	25.7	25.8	80.0	84.7	84.9	94.0	96.8	97.1
Beaumont—Port Arthur	5.8	5.5	5.5	27.8	27.4	27.3	20.1	20.1	20.0
Brazoria	2.3	2.3	2.3	8.3	8.2	8.2	10.3	10.8	10.8
Brownsville—Harlingen	3.5	3.5	3.8	12.1	13.1	13.0	14.6	15.0	14.9
Bryan—College Station	2.1	(^a)	(^a)	7.3	(^a)	(^a)	19.7	(^a)	(^a)
Corpus Christi	7.0	6.9	7.0	27.6	28.0	28.2	27.5	28.0	28.0
Dallas	125.9	132.3	132.4	277.5	290.1	292.1	135.6	143.2	143.8
El Paso	9.0	9.4	9.5	32.2	34.2	34.2	36.6	36.1	36.2
Ft. Worth—Arlington	27.8	28.2	28.2	102.3	104.5	106.4	81.1	82.2	82.2
Galveston—Texas City	4.5	4.8	4.7	13.2	13.1	13.3	20.9	22.1	22.1
Houston	109.0	114.2	114.8	343.6	356.9	356.3	181.0	193.4	193.6
Killeen—Temple	3.0	3.0	3.0	12.3	13.2	13.4	19.2	19.8	20.0
Laredo	1.5	(^a)	(^a)	5.5	(^a)	(^a)	7.9	(^a)	(^a)
Longview—Marshall	3.4	3.4	3.5	11.6	11.7	11.6	8.4	8.1	8.1
Lubbock	5.8	5.4	5.4	19.6	20.0	20.4	21.4	22.3	22.1
McAllen—Edinburg—Mission	3.9	4.1	4.0	12.9	13.2	13.2	21.5	21.9	21.9
Midland	3.2	3.2	3.1	9.1	8.9	8.9	8.0	6.4	6.4
Odessa	1.9	1.9	1.9	8.0	8.2	8.3	7.3	7.5	7.4
San Angelo	1.8	(^a)	(^a)	7.8	(^a)	(^a)	6.7	(^a)	(^a)
San Antonio	35.9	36.9	37.0	108.8	111.1	111.4	103.9	107.9	107.5
Sherman—Denison	1.4	(^a)	(^a)	7.1	(^a)	(^a)	4.9	(^a)	(^a)
Texarkana	1.9	(^a)	(^a)	8.4	(^a)	(^a)	12.6	(^a)	(^a)
Tyler	3.9	4.1	4.1	12.4	13.4	13.5	8.3	8.9	8.9
Victoria	1.7	(^a)	(^a)	5.5	(^a)	(^a)	4.3	(^a)	(^a)
Waco	4.8	4.7	4.8	18.3	18.8	18.4	11.9	12.1	12.1
Wichita Falls	2.4	(^a)	(^a)	9.8	(^a)	(^a)	10.5	(^a)	(^a)
Utah									
.....	30.8	32.7	33.0	127.2	137.4	134.6	141.2	144.2	144.5
Provo—Orem	2.1	2.2	2.2	20.7	25.2	22.1	13.7	13.0	13.2
Salt Lake City—Ogden	25.4	27.0	27.4	89.8	94.4	95.4	92.1	95.5	95.4
Vermont									
.....	9.9	10.5	10.6	50.9	52.0	52.3	38.2	38.6	37.6
Burlington	2.9	3.0	3.0	15.5	15.9	16.0	10.9	11.1	10.7
Springfield .....	.4	.4	.4	3.2	3.2	3.2	1.8	1.8	1.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Virginia	2,449.7	2,517.8	2,540.9	17.4	17.0	17.0	152.9	161.5	164.5
Bristol	29.0	29.9	30.1	.1	.1	.1	1.2	1.4	1.5
Charlottesville	60.9	(¹)	(²)	.1	(²)	(²)	3.5	(²)	(²)
Danville	38.8	(²)	(²)	.1	(²)	(²)	1.5	(²)	(²)
Lynchburg	72.1	72.2	72.1	.1	.1	.1	2.7	2.9	3.0
Norfolk-Virginia Beach-Newport News	511.8	526.1	530.4	.1	.1	.1	33.9	37.4	37.5
Northern Virginia	612.5	653.2	659.4	.6	.6	.6	42.0	47.0	47.8
Richmond-Petersburg	401.2	409.2	411.7	.3	.3	.3	23.7	24.0	24.8
Roanoke	112.5	114.7	115.7	.1	.2	.2	7.0	7.3	7.6
Washington	1,709.4	1,746.1	1,760.5	2.6	3.0	3.0	80.0	80.0	82.7
Seattle	846.3	875.5	881.7	.5	.5	.5	40.6	44.3	44.9
West Virginia	602.9	594.1	611.6	45.3	41.7	41.3	24.2	23.2	24.6
Charleston	107.4	107.1	109.8	2.5	2.5	2.5	4.4	4.4	4.6
Huntington-Ashland	101.1	100.2	101.5	1.1	1.2	1.2	4.0	3.9	4.1
Parkersburg-Marietta	58.6	58.0	58.7	1.1	.9	.9	2.9	2.7	2.9
Wheeling	58.2	56.6	57.7	2.7	2.4	2.3	2.1	1.8	2.0
Wisconsin	1,987.8	1,993.1	2,019.4	2.5	2.4	2.8	65.1	60.5	67.2
Appleton-Oshkosh-Neenah	135.2	137.4	139.0	(¹)	(¹)	(¹)	5.7	5.5	6.2
Eau Claire	50.9	51.8	52.5	(¹)	(¹)	(¹)	1.6	1.3	1.6
Green Bay	87.4	88.5	89.0	(¹)	(¹)	(¹)	3.6	3.9	3.9
Janesville-Beloit	53.0	53.1	53.2	(¹)	(¹)	(¹)	1.3	1.2	1.4
Kenosha	40.9	37.5	37.4	(¹)	(¹)	(¹)	1.5	1.3	1.2
La Crosse	47.5	49.1	49.0	(¹)	(¹)	(¹)	1.4	1.2	1.0
Madison	189.1	191.5	192.6	(¹)	(¹)	(¹)	7.0	6.0	6.2
Milwaukee	665.6	666.1	670.3	(¹)	(¹)	(¹)	19.8	19.2	20.0
Racine	66.7	66.3	66.9	(¹)	(¹)	(¹)	1.5	1.6	1.8
Sheboygan	43.9	44.4	45.1	(¹)	(¹)	(¹)	1.2	1.5	1.5
Wausau	42.5	42.2	42.9	(¹)	(¹)	(¹)	1.1	1.4	1.4
Wyoming	206.1	198.3	202.0	24.9	22.5	22.6	16.4	13.5	15.2
Puerto Rico	691.9	703.0	706.6	.7	.7	.8	25.4	24.3	25.7
Caguas	43.4	43.6	43.5	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Mayaguez	49.6	50.8	50.6	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Ponce	42.8	44.0	44.0	.1	(¹)	(¹)	1.7	2.3	2.2
San Juan	429.0	432.1	436.6	.4	.3	.3	20.2	19.1	20.8
Virgin Islands	37.1	36.8	36.6	(¹)	(¹)	(¹)	2.2	2.5	2.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Virginia	421.1	425.1	425.1	131.8	133.8	134.2	541.8	559.9	568.3
Bristol	9.4	9.7	9.5	1.1	1.1	1.1	7.3	7.3	7.4
Charlottesville	9.5	(²)	(²)	2.0	(²)	(²)	11.3	(²)	(²)
Danville	16.7	(²)	(²)	9	(²)	(²)	8.0	(²)	(²)
Lynchburg	25.2	24.3	24.2	3.0	3.0	3.0	13.0	13.7	13.7
Norfolk-Virginia Beach-Newport News	68.1	67.9	68.0	25.8	24.9	24.8	122.8	126.0	128.5
Northern Virginia	31.1	32.7	32.4	42.1	44.2	44.8	140.8	153.7	158.1
Richmond-Petersburg	63.5	61.8	61.9	21.7	21.4	21.6	96.1	96.7	97.4
Roanoke	20.8	20.8	20.7	9.3	9.6	9.7	28.3	29.3	29.5
Washington	292.5	297.7	299.0	93.1	94.4	94.9	418.7	429.1	434.4
Seattle	161.7	169.0	169.4	54.9	57.2	57.8	209.9	218.0	218.2
West Virginia	90.2	87.4	88.4	38.6	36.9	36.9	134.7	132.4	134.1
Charleston	13.4	12.3	12.4	8.8	8.6	8.6	27.9	27.7	27.9
Huntington-Ashland	19.9	19.3	19.4	8.4	7.7	7.7	25.9	26.1	26.3
Parkersburg-Marietta	14.8	14.3	14.5	2.0	2.0	2.0	13.9	13.9	13.9
Wheeling	8.1	7.5	7.5	3.2	3.1	3.2	14.8	14.8	14.8
Wisconsin	509.4	511.8	512.8	95.4	94.9	96.9	464.1	460.8	469.7
Appleton-Oshkosh-Neenah	48.0	49.7	49.9	5.0	4.9	4.9	28.8	28.7	29.1
Eau Claire	9.3	9.5	9.6	2.7	2.6	2.7	14.8	15.0	15.2
Green Bay	23.0	23.3	23.5	6.2	6.1	6.2	22.5	22.1	22.2
Janesville-Beloit	18.3	18.0	18.0	2.1	2.0	2.0	12.8	12.7	13.0
Kenosha	14.3	11.1	11.0	1.4	1.2	1.2	8.3	8.2	8.4
La Crosse	10.3	10.6	10.7	2.4	2.4	2.5	12.7	12.5	12.7
Madison	20.5	20.4	20.4	6.6	6.5	6.6	40.7	40.9	41.3
Milwaukee	171.6	171.2	169.6	35.9	35.5	35.9	149.8	149.8	152.4
Racine	24.3	23.2	23.1	2.2	2.1	2.2	15.1	15.3	15.7
Sheboygan	18.3	17.8	17.9	1.4	1.4	1.4	8.4	8.4	8.6
Wausau	10.9	10.7	11.0	2.6	2.5	2.5	10.4	10.5	10.7
Wyoming	7.7	7.8	8.1	14.8	14.6	14.7	45.9	42.9	43.3
Puerto Rico	147.9	153.0	151.1	15.2	14.0	15.4	120.3	120.6	122.1
Caguas	14.9	15.4	15.2	(¹)	(¹)	(¹)	8.2	7.9	8.1
Mayaguez	19.8	21.2	21.1	(¹)	(¹)	(¹)	6.2	6.0	6.2
Ponce	8.5	9.1	9.2	(¹)	(¹)	(¹)	6.7	6.3	6.5
San Juan	67.2	66.7	66.6	11.9	10.6	11.4	82.3	83.4	84.3
Virgin Islands	2.3	1.6	1.6	2.4	2.4	2.3	8.2	6.4	8.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1985	Apr. 1986	May 1986 ^p	May 1985	Apr. 1986	May 1986 ^p	May 1985	Apr. 1986	May 1986 ^p
Virginia	122.2	126.8	128.8	537.9	561.1	567.1	524.6	532.8	536.2
Bristol	1.0	1.0	1.0	3.9	4.1	4.2	5.1	5.2	5.2
Charlottesville	3.0	(¹)	(¹)	10.2	(¹)	(¹)	21.3	(¹)	(¹)
Danville	1.1	(¹)	(¹)	5.3	(¹)	(¹)	5.2	(¹)	(¹)
Lynchburg	3.4	3.6	3.6	12.5	12.9	12.9	12.2	11.7	11.7
Norfolk-Virginia Beach-Newport News	22.6	22.9	23.1	115.9	121.9	123.3	122.6	124.9	125.3
Northern Virginia	36.3	39.1	40.1	181.0	192.8	193.4	136.8	143.1	144.2
Richmond-Petersburg	31.2	33.6	33.9	77.8	81.9	82.0	86.9	89.5	89.7
Roanoke	6.6	6.8	6.9	25.4	26.3	26.4	15.0	14.5	14.6
Washington	98.9	102.3	103.4	374.9	386.4	387.7	348.7	353.2	355.4
Seattle	62.3	64.4	65.1	189.6	197.3	198.3	126.8	126.8	127.5
West Virginia	23.8	23.9	24.1	117.4	119.1	120.8	128.7	129.5	141.4
Charleston	5.8	5.9	6.0	23.3	24.0	24.2	21.3	21.7	23.6
Huntington-Ashland	3.9	3.9	3.9	18.4	18.6	18.9	19.5	19.5	20.0
Parkersburg-Marietta	2.1	2.1	2.1	12.3	12.5	12.5	9.5	9.6	9.9
Wheeling	2.8	3.0	3.0	15.2	14.9	14.9	9.3	9.1	10.0
Wisconsin	105.9	106.5	107.3	415.6	422.9	426.5	329.9	333.3	336.2
Appleton-Oshkosh-Neenah	6.8	7.0	7.0	24.1	25.2	25.0	16.8	16.4	18.8
Eau Claire	1.9	2.0	2.0	10.3	10.8	10.9	10.4	10.5	10.5
Green Bay	3.0	3.1	3.2	18.7	19.7	19.8	10.4	10.0	10.1
Janesville-Beloit	1.6	1.7	1.7	10.1	10.4	10.2	6.7	7.0	6.9
Kenosha	1.0	1.1	1.1	7.9	8.0	8.1	6.4	6.5	6.4
La Crosse	1.4	1.5	1.4	12.2	13.3	13.3	7.2	7.7	7.3
Madison	14.7	16.4	16.6	40.1	41.3	41.4	59.3	59.8	59.9
Milwaukee	44.8	44.7	45.0	162.8	165.6	166.1	80.6	79.6	80.8
Racine	2.2	2.3	2.3	13.2	13.6	13.6	8.2	8.1	8.2
Sheboygan	1.9	2.0	2.0	7.3	7.8	8.1	5.5	5.5	5.6
Wausau	3.7	3.3	3.3	7.6	7.6	7.7	6.4	6.2	6.2
Wyoming	8.0	7.9	7.9	33.4	32.7	34.2	55.0	54.4	56.0
Puerto Rico	30.0	31.1	31.1	95.4	97.1	97.3	257.0	262.3	263.1
Caguas	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	15.1	15.2	15.2
Mayaguez	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	15.8	15.5	15.5
Ponce	(¹)	(¹)	(¹)	7.4	7.7	7.5	15.1	15.2	15.2
San Juan	24.0	25.0	25.1	70.4	70.9	71.1	152.6	156.0	156.9
Virgin Islands	1.8	1.7	1.7	8.6	7.2	7.1	13.6	13.0	13.0

¹ Not available.

² Publication of data has been suspended because of budget cuts.

³ Combined with construction.

^p = preliminary.

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

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

Year and month	Total private ¹			Mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964	38.7	\$2.36	\$91.33	41.9	\$2.81	\$117.74	37.2	\$3.55	\$132.06
1965	38.8	2.46	95.45	42.3	2.92	123.52	37.4	3.70	138.38
1966	38.6	2.56	98.82	42.7	3.05	130.24	37.6	3.89	146.26
1967	38.0	2.68	101.84	42.6	3.19	135.89	37.7	4.11	154.95
1968	37.8	2.85	107.73	42.6	3.35	142.71	37.3	4.41	164.49
1969	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972	37.0	3.70	136.90	42.6	4.44	189.14	36.5	6.06	221.19
1973	36.9	3.94	145.39	42.4	4.75	201.40	36.8	6.41	235.89
1974	36.5	4.24	154.76	41.9	5.23	219.14	36.6	6.81	249.25
1975	36.1	4.53	163.53	41.9	5.95	249.31	36.4	7.31	266.08
1976	36.1	4.86	175.45	42.4	6.46	273.90	36.8	7.71	283.73
1977	36.0	5.25	189.00	43.4	6.94	301.20	36.5	8.10	295.65
1978	35.8	5.69	203.70	43.4	7.67	332.88	36.8	8.66	318.69
1979	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.31	464.09
Monthly data, not seasonally adjusted									
1985:									
June	35.2	\$8.54	\$300.61	43.7	\$12.02	\$525.27	38.0	\$12.17	\$462.46
July	35.1	8.52	299.05	42.8	11.92	510.18	38.6	12.21	471.31
August	35.2	8.52	299.90	43.3	11.99	519.17	38.4	12.28	471.55
September	35.0	8.67	303.45	43.7	12.05	526.59	38.5	12.46	479.71
October	34.9	8.64	301.54	43.2	12.00	518.40	38.3	12.42	475.69
November	34.8	8.66	301.37	43.2	12.07	521.42	36.7	12.28	450.68
December	35.2	8.71	306.59	43.8	12.27	537.43	36.9	12.47	460.14
1986:									
January	34.7	8.72	302.58	44.4	12.24	543.46	37.2	12.34	459.05
February	34.4	8.74	300.66	42.4	12.32	522.37	35.2	12.35	434.72
March	34.7	8.73	302.93	42.3	12.35	522.41	36.4	12.22	444.81
April	34.6	8.72	301.71	42.0	12.43	522.06	37.6	12.29	462.10
May ^p	34.7	8.72	302.58	41.7	12.43	518.33	38.0	12.34	468.92
June ^p	35.0	8.72	305.20	42.1	12.51	526.67	38.0	12.31	467.78

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

Year and month	Manufacturing				Transportation and public utilities			Wholesale trade		
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages										
1964	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.56
1965	41.2	2.61	2.50	107.53	41.3	3.03	125.14	40.8	2.61	106.49
1966	41.4	2.71	2.59	112.19	41.2	3.11	128.13	40.7	2.73	111.11
1967	40.6	2.82	2.71	114.49	40.5	3.23	130.82	40.3	2.88	116.06
1968	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.05	122.31
1969	40.6	3.19	3.05	129.51	40.7	3.63	147.74	40.2	3.23	129.85
1970	39.8	3.35	3.23	133.33	40.5	3.85	155.93	39.9	3.44	137.26
1971	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.5	3.65	144.18
1972	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.89
1973	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.3	4.08	160.34
1974	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.39	170.33
1975	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.7	4.73	183.05
1976	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.03	194.66
1977	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	209.13
1978	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	228.14
1979	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.93
1980	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.5	6.96	267.96
1981	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.56	291.06
1982	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.09	309.85
1983	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.55	329.18
1984	40.7	9.19	8.82	374.03	39.4	11.12	438.13	38.5	8.89	342.27
1985	40.5	9.53	9.16	385.97	39.5	11.40	450.30	38.4	9.16	351.74
Monthly data, not seasonally adjusted										
1985:										
June	40.7	\$9.52	\$9.15	\$387.46	39.8	\$11.34	\$451.33	38.6	\$9.16	\$353.58
July	40.1	9.55	9.19	382.96	39.5	11.37	449.12	38.6	9.14	352.80
August	40.5	9.49	9.12	384.35	39.8	11.42	454.52	38.5	9.12	351.12
September	40.8	9.57	9.16	390.46	39.7	11.54	458.14	38.5	9.22	354.97
October	40.8	9.56	9.17	390.05	39.5	11.48	453.46	38.4	9.16	351.74
November	40.9	9.63	9.23	393.87	39.5	11.59	457.81	38.5	9.23	355.36
December	41.7	9.74	9.31	406.16	39.7	11.61	460.92	38.6	9.33	360.14
1986:										
January	40.7	9.70	9.31	394.79	39.0	11.59	452.01	38.3	9.28	355.42
February	40.3	9.70	9.33	390.91	39.2	11.64	456.29	38.0	9.36	355.68
March	40.7	9.72	9.33	395.60	39.4	11.62	457.83	38.3	9.33	357.34
April	40.5	9.70	9.33	392.85	39.0	11.55	450.45	38.3	9.29	355.81
May ^a	40.6	9.71	9.33	394.23	38.9	11.52	448.13	38.4	9.28	356.35
June ^b	40.8	9.70	9.32	395.76	39.4	11.58	456.25	38.5	9.33	359.21

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

Year and month	Retail trade			Finance, insurance, and real estate			Services		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964	37.0	\$1.75	\$64.75	37.3	\$2.30	\$85.79	36.1	\$1.94	\$70.03
1965	36.6	1.82	66.61	37.2	2.39	88.91	35.9	2.05	73.60
1966	35.9	1.91	68.57	37.3	2.47	92.13	35.5	2.17	77.04
1967	35.3	2.01	70.95	37.1	2.58	95.72	35.1	2.29	80.38
1968	34.7	2.16	74.95	37.0	2.75	101.75	34.7	2.42	83.97
1969	34.2	2.30	78.66	37.1	2.93	108.70	34.7	2.61	90.57
1970	33.8	2.44	82.47	36.7	3.07	112.67	34.4	2.81	96.66
1971	33.7	2.60	87.62	36.6	3.22	117.85	33.9	3.04	103.06
1972	33.4	2.75	91.85	36.6	3.36	122.98	33.9	3.27	110.85
1973	33.1	2.91	96.32	36.6	3.53	129.20	33.8	3.47	117.29
1974	32.7	3.14	102.68	36.5	3.77	137.61	33.6	3.75	126.00
1975	32.4	3.36	108.86	36.5	4.06	148.19	33.5	4.02	134.67
1976	32.1	3.57	114.60	36.4	4.27	155.43	33.3	4.31	143.52
1977	31.6	3.85	121.66	36.4	4.54	165.26	33.0	4.65	153.45
1978	31.0	4.20	130.20	36.4	4.89	178.00	32.8	4.99	163.67
1979	30.6	4.53	138.62	36.2	5.27	190.77	32.7	5.36	175.27
1980	30.2	4.88	147.38	36.2	5.79	209.60	32.6	5.85	190.71
1981	30.1	5.25	158.03	36.3	6.31	229.05	32.6	6.41	208.97
1982	29.9	5.48	163.85	36.2	6.78	245.44	32.6	6.92	225.59
1983	29.8	5.74	171.05	36.2	7.29	263.90	32.7	7.31	239.04
1984	29.8	5.85	174.33	36.5	7.63	278.50	32.6	7.59	247.43
1985	29.4	5.94	174.64	36.4	7.94	289.02	32.5	7.89	256.43
Monthly data, not seasonally adjusted									
1985:									
June	29.9	\$5.91	\$176.71	36.7	\$7.96	\$292.13	32.7	\$7.85	\$256.70
July	30.1	5.90	177.59	36.3	7.88	286.04	32.8	7.80	255.84
August	30.1	5.88	176.99	36.3	7.91	287.13	32.8	7.82	256.50
September	29.4	5.98	175.81	36.5	8.04	293.46	32.4	7.99	258.88
October	29.2	5.95	173.74	36.3	8.01	290.76	32.5	7.99	259.68
November	29.1	5.97	173.73	36.2	8.06	291.77	32.3	8.05	260.02
December	29.8	5.99	178.50	36.7	8.15	299.11	32.5	8.12	263.90
1986:									
January	28.7	6.03	173.06	36.4	8.14	296.30	32.4	8.12	263.09
February	28.6	6.04	172.74	36.8	8.28	304.70	32.4	8.17	264.71
March	28.9	6.03	174.27	36.7	8.30	304.61	32.4	8.18	265.03
April	28.9	6.01	173.69	36.4	8.29	301.76	32.4	8.12	263.09
May ^p	29.1	6.00	174.60	36.3	8.33	302.38	32.4	8.10	262.44
June ^p	29.6	5.99	177.30	36.7	8.43	309.38	32.7	8.10	264.87

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

^p = preliminary.

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

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Total private		34.9	35.2	34.6	34.7	35.0	-	-	-	-	-
Mining		43.5	43.7	42.0	41.7	42.1	-	-	-	-	-
Metal mining	10	41.1	41.4	41.3	41.0	-	-	-	-	-	
Iron ores	101	41.4	41.5	40.5	40.4	-	-	-	-	-	
Copper ores	102	42.6	42.0	41.1	41.0	-	-	-	-	-	
Coal mining	11,12	41.2	42.5	40.5	40.2	-	-	-	-	-	
Bituminous coal and lignite mining	12	41.2	42.6	40.5	40.2	-	-	-	-	-	
Oil and gas extraction	13	44.3	44.1	42.0	41.5	-	-	-	-	-	
Crude petroleum, natural gas, and natural gas liquids	131,2	41.6	42.5	42.5	41.6	-	-	-	-	-	
Oil and gas field services	138	45.4	44.8	41.7	41.4	-	-	-	-	-	
Nonmetallic minerals, except fuels	14	45.3	45.2	44.9	45.0	-	-	-	-	-	
Crushed and broken stone	142	47.1	47.0	46.8	46.3	-	-	-	-	-	
Construction		38.1	38.0	37.6	38.0	38.0	-	-	-	-	
General building contractors	15	37.5	37.1	37.1	37.6	-	-	-	-	-	
Residential building construction	152	37.0	36.5	36.2	37.2	-	-	-	-	-	
Operative builders	153	39.4	39.0	40.2	39.6	-	-	-	-	-	
Nonresidential building construction	154	37.8	37.6	37.9	37.9	-	-	-	-	-	
Heavy construction contractors	16	41.7	42.2	41.2	41.7	-	-	-	-	-	
Highway and street construction	161	41.9	42.8	41.1	41.8	-	-	-	-	-	
Heavy construction, except highway	162	41.7	41.9	41.3	41.6	-	-	-	-	-	
Special trade contractors	17	37.2	37.1	36.7	37.0	-	-	-	-	-	
Plumbing, heating, and air conditioning	171	38.3	38.4	37.9	38.1	-	-	-	-	-	
Painting, paper hanging, and decorating	172	35.2	35.1	34.9	34.6	-	-	-	-	-	
Electrical work	173	38.5	39.0	38.5	38.7	-	-	-	-	-	
Masonry, stonework, and plastering	174	35.7	35.5	35.1	35.6	-	-	-	-	-	
Carpentering and flooring	175	35.3	35.1	34.2	34.3	-	-	-	-	-	
Roofing and sheet metal work	176	34.1	33.7	33.2	34.0	-	-	-	-	-	
Manufacturing		40.3	40.7	40.5	40.6	40.8	3.1	3.3	3.2	3.3	3.3
Durable goods		41.1	41.4	41.2	41.2	41.4	3.2	3.4	3.4	3.3	3.4
Lumber and wood products	24	40.1	40.8	40.2	40.5	40.9	3.1	3.6	3.3	3.5	-
Logging camps and logging contractors	241	39.2	40.5	39.5	39.7	-	3.0	3.4	3.7	3.8	-
Sawmills and planing mills	242	40.9	41.5	41.5	41.7	-	3.5	4.1	4.1	4.2	-
Sawmills and planing mills, general	2421	41.2	41.8	41.8	41.9	-	3.8	4.4	4.3	4.4	-
Hardwood dimension and flooring	2426	39.4	40.3	40.9	41.1	-	2.6	2.9	3.1	3.3	-
Millwork, plywood, and structural members	243	40.5	41.3	40.4	40.7	-	3.2	3.7	3.2	3.5	-
Millwork	2431	40.7	41.6	40.4	40.8	-	2.9	3.9	2.5	2.9	-
Wood kitchen cabinets	2434	39.6	40.3	38.4	39.2	-	2.7	2.8	2.6	2.9	-
Hardwood veneer and plywood	2435	40.6	40.9	41.1	40.6	-	3.1	2.9	3.7	3.4	-
Softwood veneer and plywood	2436	41.0	42.3	42.7	42.1	-	4.2	5.2	5.0	4.8	-
Wood containers	244	38.7	38.7	38.2	38.4	-	2.4	2.6	2.2	2.4	-
Wood buildings and mobile homes	245	38.6	39.2	37.1	38.3	-	2.1	2.5	1.8	2.1	-
Mobile homes	2451	38.5	39.1	37.1	38.4	-	2.0	2.3	1.6	1.8	-
Miscellaneous wood products	249	39.9	40.6	40.0	40.2	-	3.0	3.2	3.0	3.1	-
Furniture and fixtures	25	38.7	39.2	38.9	39.0	39.5	2.0	2.1	2.3	2.3	-
Household furniture	251	38.1	38.4	38.4	38.4	-	1.8	1.8	2.2	2.1	-
Wood household furniture	2511	38.4	38.5	39.0	39.1	-	2.0	1.8	2.4	2.5	-
Upholstered household furniture	2512	37.0	37.2	37.1	36.8	-	1.2	1.3	1.4	1.2	-
Metal household furniture	2514	39.2	40.2	40.7	39.6	-	2.6	2.6	4.0	3.1	-
Mattresses and bedsprings	2515	37.9	39.1	37.4	38.2	-	1.6	2.1	1.9	2.0	-
Office furniture	252	39.7	40.3	39.2	39.7	-	2.4	2.7	2.5	2.5	-
Public building and related furniture	253	39.5	39.9	39.7	39.0	-	2.1	2.6	2.7	2.2	-
Partitions and fixtures	254	39.6	40.6	40.5	41.3	-	2.6	3.0	2.6	2.9	-
Miscellaneous furniture and fixtures	259	40.2	41.3	39.4	39.6	-	2.3	2.5	2.1	2.3	-
Stone, clay, and glass products	32	42.4	42.5	42.5	42.7	43.0	4.8	5.0	5.0	5.1	-
Flat glass	321	43.1	45.0	45.1	44.7	-	4.8	5.9	6.7	6.1	-
Glass and glassware, pressed or blown	322	41.0	41.1	41.8	41.8	-	4.1	4.2	4.7	4.7	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Total private		\$8.51	\$8.54	\$8.72	\$8.72	\$8.72	\$297.00	\$300.61	\$301.71	\$302.58	\$305.20
Mining		11.88	12.02	12.43	12.43	12.51	516.78	525.27	522.06	518.33	526.67
Metal mining						-					
Iron ores	10	13.24	13.21	13.54	13.44	-	544.16	546.89	559.20	551.04	-
Copper ores	101	12.75	12.40	13.94	13.84	-	527.85	514.60	564.57	559.14	-
Copper ores	102	13.58	13.49	13.02	12.91	-	578.51	566.58	535.12	529.31	-
Coal mining	11,12	15.22	15.30	15.25	15.24	-	627.06	650.25	617.63	612.65	-
Bituminous coal and lignite mining	12	15.28	15.35	15.30	15.29	-	629.54	653.91	619.65	614.66	-
Oil and gas extraction	13	10.94	11.08	11.64	11.60	-	484.64	488.63	488.88	481.40	-
Crude petroleum, natural gas, and natural gas liquids	131,2	13.14	13.23	13.68	13.61	-	546.62	562.28	581.40	566.18	-
Oil and gas field services	138	10.07	10.17	10.38	10.31	-	457.18	455.62	432.85	426.83	-
Nonmetallic minerals, except fuels	14	10.11	10.13	10.30	10.37	-	457.98	457.88	462.47	466.65	-
Crushed and broken stone	142	9.55	9.57	9.72	9.81	-	449.81	449.79	454.90	454.20	-
Construction		12.24	12.17	12.29	12.34	12.31	466.34	462.46	462.10	468.92	467.78
General building contractors	15	11.12	11.01	11.26	11.31	-	417.00	408.47	417.75	425.26	-
Residential building construction	152	10.49	10.36	10.67	10.75	-	388.13	378.14	386.25	399.90	-
Operative builders	153	9.23	9.12	9.46	9.63	-	363.66	355.68	380.29	381.35	-
Nonresidential building construction	154	11.89	11.79	11.96	12.00	-	449.44	443.30	453.28	454.80	-
Heavy construction contractors	16	12.04	12.04	11.75	11.94	-	502.07	508.09	484.10	497.90	-
Highway and street construction	161	11.11	11.24	11.22	11.60	-	465.51	481.07	461.14	484.88	-
Heavy construction, except highway	162	12.56	12.51	12.03	12.15	-	523.75	524.17	496.84	505.44	-
Special trade contractors	17	12.82	12.75	12.91	12.92	-	476.90	473.03	473.80	478.04	-
Plumbing, heating, and air conditioning	171	13.08	12.98	13.15	13.09	-	500.96	498.43	498.39	498.73	-
Painting, paper hanging, and decorating	172	12.06	11.87	11.84	12.01	-	424.51	416.64	413.22	415.55	-
Electrical work	173	14.29	14.27	14.28	14.24	-	550.17	556.53	549.78	551.09	-
Masonry, stonework, and plastering	174	13.01	12.97	13.00	13.17	-	464.46	460.44	456.30	468.85	-
Carpentering and flooring	175	11.97	11.88	12.40	12.49	-	422.54	416.99	424.08	428.41	-
Roofing and sheet metal work	176	11.21	11.26	11.29	11.42	-	382.26	379.46	374.83	388.28	-
Manufacturing		9.49	9.52	9.70	9.71	9.70	382.45	387.46	392.85	394.23	395.76
Durable goods		10.05	10.08	10.28	10.27	10.27	413.06	417.31	423.54	423.12	425.18
Lumber and wood products	24	8.14	8.26	8.32	8.36	8.45	326.41	337.01	334.46	338.58	345.61
Logging camps and logging contractors	241	10.80	10.98	11.00	11.12	-	423.36	444.69	434.50	441.46	-
Sawmills and planing mills	242	8.46	8.63	8.61	8.65	-	346.01	358.15	357.32	360.71	-
Sawmills and planing mills, general	2421	8.87	9.07	9.02	9.07	-	365.44	379.13	377.04	380.03	-
Hardwood dimension and flooring	2426	6.21	6.21	6.50	6.45	-	244.67	250.26	265.85	265.10	-
Millwork, plywood, and structural members	243	8.04	8.10	8.23	8.21	-	325.62	334.53	332.49	334.15	-
Millwork	2431	8.27	8.37	8.42	8.45	-	336.59	348.19	340.17	344.76	-
Wood kitchen cabinets	2434	7.29	7.24	7.46	7.44	-	288.68	291.77	286.46	291.65	-
Hardwood veneer and plywood	2435	6.60	6.63	6.77	6.82	-	267.96	271.17	278.25	276.89	-
Softwood veneer and plywood	2436	9.77	9.96	9.80	9.75	-	400.57	421.31	418.46	410.48	-
Wood containers	244	5.78	5.80	5.93	5.94	-	223.69	224.46	226.53	228.10	-
Wood buildings and mobile homes	245	7.24	7.27	7.60	7.59	-	279.46	284.98	281.96	290.70	-
Mobile homes	2451	7.29	7.36	7.63	7.62	-	280.67	287.78	283.07	292.61	-
Miscellaneous wood products	249	7.12	7.17	7.21	7.22	-	284.09	291.10	288.40	290.24	-
Furniture and fixtures	25	7.09	7.17	7.36	7.40	7.46	274.38	281.06	286.30	288.60	294.67
Household furniture	251	6.50	6.56	6.78	6.81	-	247.65	251.90	260.35	261.50	-
Wood household furniture	2511	6.03	6.04	6.33	6.37	-	231.55	232.54	246.87	249.07	-
Upholstered household furniture	2512	6.98	7.09	7.43	7.36	-	258.26	263.75	275.65	270.85	-
Metal household furniture	2514	6.80	6.87	6.76	6.99	-	266.56	276.17	275.13	276.80	-
Mattresses and bedsprings	2515	7.18	7.26	7.16	7.18	-	272.12	283.87	267.78	274.28	-
Office furniture	252	7.94	8.05	8.30	8.30	-	315.22	324.42	325.36	329.51	-
Public building and related furniture	253	7.56	7.70	7.95	7.99	-	298.62	307.23	315.62	311.61	-
Partitions and fixtures	254	8.60	8.64	8.75	8.83	-	340.56	350.78	354.38	364.68	-
Miscellaneous furniture and fixtures	259	7.57	7.57	7.71	7.74	-	304.31	312.64	303.77	306.50	-
Stone, clay, and glass products	32	9.81	9.85	10.00	10.03	10.04	415.94	418.63	425.00	428.28	431.72
Flat glass	321	13.47	13.48	14.27	14.19	-	580.56	606.60	643.58	634.29	-
Glass and glassware, pressed or blown	322	10.75	10.83	10.94	10.94	-	440.75	445.11	457.29	457.29	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	41.3	41.4	41.9	42.6	-	4.9	5.1	5.7	5.8	-
Pressed and blown glass, nec	3229	40.6	40.7	41.6	40.9	-	3.2	3.1	3.4	3.4	-
Products of purchased glass	323	41.1	40.9	41.1	41.7	-	3.4	3.3	2.9	3.2	-
Cement, hydraulic	324	41.0	41.3	40.9	40.9	-	2.9	3.3	3.4	2.9	-
Structural clay products	325	42.1	41.9	41.7	41.5	-	3.9	3.7	3.9	3.9	-
Pottery and related products	326	39.9	39.4	39.9	39.9	-	2.4	2.3	2.8	2.6	-
Concrete, gypsum, and plaster products	327	44.5	44.7	44.2	44.7	-	7.1	7.3	6.8	7.1	-
Concrete block and brick	3271	46.3	46.4	45.5	46.2	-	7.3	7.7	7.8	8.1	-
Concrete products, nec	3272	44.0	43.8	43.6	44.4	-	6.3	6.6	6.0	6.5	-
Ready-mixed concrete	3273	43.8	44.3	43.3	43.7	-	7.2	7.4	6.7	6.9	-
Misc. nonmetallic mineral products	329	41.2	41.5	41.8	41.8	-	3.4	3.7	4.0	3.9	-
Abrasive products	3291	40.3	40.6	40.9	41.3	-	2.0	2.2	2.8	2.7	-
Asbestos products	3292	41.8	42.8	43.6	42.9	-	3.3	3.8	4.6	4.3	-
Primary metal industries											
Blast furnaces and basic steel products	331	40.9	41.6	41.2	41.6	41.7	2.9	3.1	3.5	3.2	-
Blast furnaces and steel mills	3312	40.6	41.3	41.1	41.5	-	2.9	3.0	3.4	3.1	-
Steel pipe and tubes	3317	42.7	43.5	41.0	40.9	-	4.0	4.6	3.2	2.5	-
Iron and steel foundries	332	40.5	41.0	40.7	41.0	-	3.4	3.8	3.7	3.7	-
Gray iron foundries	3321	40.7	41.4	40.7	41.1	-	3.9	4.4	4.2	4.3	-
Malleable iron foundries	3322	38.0	38.4	40.5	39.2	-	2.2	1.9	2.6	2.1	-
Steel foundries, nec	3325	40.0	40.0	40.4	41.2	-	2.3	2.4	2.7	2.9	-
Primary nonferrous metals	333	42.6	41.8	41.5	41.9	-	3.3	3.6	3.3	3.3	-
Primary aluminum	3334	43.4	41.9	41.6	42.3	-	3.5	3.7	3.4	3.5	-
Nonferrous rolling and drawing	335	42.1	42.8	42.8	42.7	-	4.6	5.1	5.3	5.3	-
Copper rolling and drawing	3351	41.1	42.4	42.3	42.7	-	3.3	4.0	4.0	4.4	-
Aluminum sheet, plate, and foil	3353	41.9	41.6	43.8	44.2	-	5.3	5.2	7.3	7.2	-
Nonferrous wire drawing and insulating	3357	42.2	42.7	42.3	42.2	-	4.9	5.3	4.9	5.0	-
Nonferrous foundries	336	41.6	42.0	41.3	41.2	-	3.4	3.5	3.1	3.2	-
Aluminum foundries	3361	41.9	42.7	41.8	41.6	-	3.8	4.1	3.5	3.5	-
Fabricated metal products											
Metal cans and shipping containers	341	43.1	44.6	43.2	43.7	-	5.3	6.0	5.1	5.4	-
Metal cans	3411	43.5	44.9	43.4	44.0	-	5.7	6.3	5.1	5.5	-
Cutlery, hand tools, and hardware	342	40.0	40.2	40.6	40.5	-	2.6	2.5	2.5	2.4	-
Hand and edge tools, and hand saws and blades	3423,5	39.6	39.9	39.5	40.3	-	1.6	1.5	1.7	1.8	-
Hardware, nec	3429	40.0	40.1	40.9	40.6	-	3.1	3.0	2.9	2.7	-
Plumbing and heating, except electric	343	39.2	40.0	39.5	39.5	-	1.8	2.2	2.0	2.1	-
Plumbing fittings and brass goods	3432	39.7	41.0	40.7	40.0	-	2.1	2.3	2.6	2.0	-
Heating equipment, except electric	3433	38.3	38.9	37.7	38.1	-	1.2	2.0	1.0	1.3	-
Fabricated structural metal products	344	41.0	41.3	40.3	40.7	-	3.0	3.4	2.9	3.0	-
Fabricated structural metal	3441	41.9	42.5	41.0	41.4	-	3.7	4.2	3.1	3.4	-
Metal doors, sash, and trim	3442	40.9	41.2	40.1	40.8	-	2.7	3.0	3.0	3.2	-
Fabricated plate work (boiler shops)	3443	41.2	42.0	41.1	41.3	-	3.2	3.5	2.8	2.8	-
Sheet metal work	3444	40.2	40.2	39.7	39.5	-	2.7	2.9	2.5	2.4	-
Architectural metal work	3446	39.9	39.8	39.2	40.2	-	2.4	2.6	3.2	3.1	-
Screw machine products, bolts, etc	345	42.1	42.4	42.6	42.4	-	4.2	4.3	4.4	4.1	-
Screw machine products	3451	41.3	41.6	41.5	41.1	-	3.3	3.6	3.4	3.2	-
Bolts, nuts, rivets, and washers	3452	42.9	43.1	43.6	43.6	-	5.1	5.0	5.3	5.0	-
Metal forgings and stampings	346	42.5	42.8	42.2	42.1	-	4.4	4.5	4.2	4.0	-
Iron and steel forgings	3462	42.1	42.1	41.4	41.7	-	3.4	3.8	2.9	3.4	-
Automotive stampings	3465	44.2	44.8	43.4	43.3	-	6.0	6.1	5.4	4.9	-
Metal stampings, nec	3469	40.5	40.8	40.9	40.8	-	2.7	2.8	3.3	3.0	-
Metal services, nec	347	40.8	41.0	40.5	40.6	-	3.4	3.5	3.4	3.3	-
Plating and polishing	3471	39.9	40.1	39.8	40.1	-	2.8	2.9	3.0	3.0	-
Metal coating and allied services	3479	42.8	43.0	41.8	41.5	-	4.6	4.7	4.2	3.9	-
Ordnance and accessories, nec	348	41.7	41.4	40.6	40.8	-	2.7	2.9	2.5	2.2	-
Ammunition, except for small arms, nec	3483	41.4	41.0	39.1	40.0	-	2.2	2.6	2.0	2.1	-
Misc. fabricated metal products	349	40.3	40.7	40.4	40.2	-	2.4	2.7	2.6	2.4	-
Valves and pipe fittings	3494	40.4	40.6	39.8	39.6	-	2.5	2.7	2.4	1.9	-
Misc. fabricated wire products	3496	39.9	40.7	40.8	40.7	-	2.4	2.5	2.6	2.6	-
Machinery, except electrical											
Engines and turbines	351	40.7	40.7	42.6	42.1	-	3.2	3.2	3.9	3.5	-
Turbines and turbine generator sets	3511	39.7	39.2	41.0	39.7	-	3.0	3.3	4.0	3.9	-
Internal combustion engines, nec	3519	41.0	41.2	43.2	43.0	-	3.3	3.1	3.8	3.4	-
Farm and garden machinery	352	40.9	40.3	41.3	40.7	-	2.4	2.4	2.9	2.4	-
Farm machinery and equipment	3523	40.6	40.3	41.4	41.0	-	2.1	2.4	2.9	2.4	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1985	June 1985	Apr. 1986	May 1986 ²	June 1986 ²	May 1985	June 1985	Apr. 1986	May 1986 ²	June 1986 ²
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	\$11.32	\$11.28	\$11.31	\$11.28	-	\$467.52	\$466.99	\$473.89	\$480.53	-
Pressed and blown glass, nec	3229	10.10	10.29	10.48	10.51	-	410.06	418.80	435.97	429.86	-
Products of purchased glass	323	8.52	8.42	8.82	8.77	-	350.17	344.38	362.50	365.71	-
Cement, hydraulic	324	13.11	13.28	13.27	13.27	-	537.51	548.46	542.74	542.74	-
Structural clay products	325	7.98	7.97	8.17	8.21	-	335.96	333.94	340.69	340.72	-
Pottery and related products	326	8.61	8.71	8.63	8.79	-	343.54	343.17	344.34	350.72	-
Concrete, gypsum, and plaster products	327	9.62	9.63	9.74	9.81	-	428.09	430.46	430.51	438.51	-
Concrete block and brick	3271	8.19	8.27	8.64	8.70	-	379.20	383.73	393.12	401.94	-
Concrete products, nec	3272	8.51	8.45	8.57	8.61	-	374.44	370.11	373.65	382.28	-
Ready-mixed concrete	3273	10.60	10.62	10.73	10.74	-	464.28	470.47	464.61	469.34	-
Misc. nonmetallic mineral products	329	9.90	10.00	10.18	10.21	-	407.88	415.00	425.52	426.78	-
Abrasive products	3291	9.42	9.28	9.76	9.74	-	379.63	376.77	399.18	402.26	-
Asbestos products	3292	9.82	9.95	10.09	10.06	-	410.48	425.86	439.92	431.57	-
Primary metal industries	33	11.64	11.65	12.00	12.02	\$11.98	480.73	486.97	499.20	501.23	\$500.76
Blast furnaces and basic steel products	331	13.29	13.28	13.82	13.83	13.94	543.56	552.45	569.38	575.33	581.30
Blast furnaces and steel mills	3312	13.92	13.87	14.52	14.51	-	565.15	572.83	596.77	602.17	-
Steel pipe and tubes	3317	10.95	11.01	10.78	10.83	-	467.57	478.94	441.98	442.95	-
Iron and steel foundries	332	10.53	10.61	10.66	10.68	-	426.47	435.01	433.86	437.88	-
Gray iron foundries	3321	10.99	11.10	11.14	11.15	-	447.29	459.54	453.40	458.27	-
Malleable iron foundries	3322	11.16	11.08	11.33	11.28	-	424.08	425.47	458.87	442.18	-
Steel foundries, nec	3325	9.73	9.77	9.80	9.89	-	389.20	390.80	395.92	407.47	-
Primary nonferrous metals	333	13.60	13.68	13.87	13.78	-	579.36	571.82	575.61	577.38	-
Primary aluminum	3334	13.98	14.08	14.43	14.39	-	606.73	589.95	600.29	608.70	-
Nonferrous rolling and drawing	335	10.94	10.98	11.34	11.37	-	460.57	469.94	485.35	485.50	-
Copper rolling and drawing	3351	9.84	9.90	10.13	10.16	-	404.42	419.76	428.50	433.83	-
Aluminum sheet, plate, and foil	3353	13.50	13.70	14.43	14.39	-	565.65	569.92	632.03	636.04	-
Nonferrous wire drawing and insulating	3357	10.71	10.79	10.89	10.97	-	451.96	460.73	460.65	462.93	-
Nonferrous foundries	336	9.27	9.19	9.47	9.55	-	385.63	385.98	391.11	393.46	-
Aluminum foundries	3361	9.46	9.32	9.76	9.82	-	396.37	397.96	407.97	408.51	-
Fabricated metal products	34	9.66	9.68	9.84	9.84	9.85	397.99	402.69	403.44	404.42	405.82
Metal cans and shipping containers	341	13.05	13.08	13.36	13.37	-	562.46	583.37	577.15	584.27	-
Metal cans	3411	13.81	13.85	14.15	14.17	-	600.74	621.87	614.11	623.48	-
Cutlery, hand tools, and hardware	342	9.65	9.63	9.78	9.75	-	386.00	387.13	397.07	394.88	-
Hand and edge tools, and hand saws and blades	3423.5	8.71	8.71	8.89	8.92	-	344.92	347.53	351.16	359.48	-
Hardware, nec	3429	10.17	10.14	10.24	10.20	-	406.80	406.61	418.82	414.12	-
Plumbing and heating, except electric	343	8.55	8.60	8.81	8.89	-	335.16	344.00	348.00	351.16	-
Plumbing fittings and brass goods	3432	8.23	8.18	8.56	8.60	-	326.73	335.38	348.39	344.00	-
Heating equipment, except electric	3433	8.54	8.58	8.65	8.68	-	327.08	333.76	326.11	330.71	-
Fabricated structural metal products	344	8.97	8.96	9.14	9.09	-	367.77	370.05	368.34	369.96	-
Fabricated structural metal	3441	9.31	9.38	9.53	9.57	-	390.09	398.65	390.73	396.20	-
Metal doors, sash, and trim	3442	7.37	7.32	7.58	7.50	-	301.43	301.58	303.96	306.00	-
Fabricated plate work (boiler shops)	3443	10.01	10.08	10.14	10.16	-	412.41	423.36	416.75	419.61	-
Sheet metal work	3444	9.29	9.31	9.57	9.54	-	373.46	374.26	379.93	376.83	-
Architectural metal work	3446	8.71	8.47	8.64	8.51	-	347.53	337.11	338.69	342.10	-
Screw machine products, bolts, etc	345	9.01	9.08	9.34	9.38	-	379.32	384.99	397.88	397.71	-
Screw machine products	3451	8.42	8.55	8.74	8.73	-	347.75	355.68	362.71	358.80	-
Bolts, nuts, rivets, and washers	3452	9.60	9.59	9.91	9.98	-	411.84	413.33	432.08	435.13	-
Metal forgings and stampings	346	11.62	11.65	11.78	11.81	-	493.85	498.62	497.12	497.20	-
Iron and steel forgings	3462	12.18	12.28	12.15	12.31	-	512.78	516.99	503.01	513.33	-
Automotive stampings	3465	13.62	13.63	13.75	13.81	-	602.00	610.62	596.75	597.97	-
Metal stampings, nec	3469	8.62	8.67	8.97	8.98	-	349.11	353.74	366.87	366.38	-
Metal services, nec	347	7.72	7.76	7.79	7.84	-	314.98	318.16	315.50	318.30	-
Plating and polishing	3471	7.55	7.58	7.72	7.74	-	301.25	303.96	307.26	310.37	-
Metal coating and allied services	3479	8.05	8.10	7.92	8.03	-	344.54	348.30	331.06	333.25	-
Ordnance and accessories, nec	348	10.05	10.26	10.62	10.63	-	419.09	424.76	431.17	433.70	-
Ammunition, except for small arms, nec	3483	9.76	10.04	10.17	10.28	-	404.06	411.64	397.65	411.20	-
Misc. fabricated metal products	349	8.87	8.89	9.01	9.04	-	357.46	361.82	364.00	363.41	-
Valves and pipe fittings	3494	9.47	9.49	9.76	9.79	-	382.59	385.29	388.45	387.68	-
Misc. fabricated wire products	3496	8.01	8.03	8.10	8.14	-	319.60	326.82	330.48	331.30	-
Machinery, except electrical	35	10.22	10.28	10.55	10.55	10.57	421.06	427.65	437.83	437.83	439.71
Engines and turbines	351	12.97	13.00	12.94	12.98	-	527.88	529.10	551.24	546.46	-
Turbines and turbine generator sets	3511	12.48	12.43	12.90	12.82	-	495.46	487.26	528.90	508.95	-
Internal combustion engines, nec	3519	13.14	13.19	12.96	13.04	-	538.74	543.43	559.87	560.72	-
Farm and garden machinery	352	9.80	9.98	10.08	10.00	-	400.82	402.19	416.30	407.00	-
Farm machinery and equipment	3523	10.66	10.89	11.07	10.94	-	432.80	438.87	458.30	448.54	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		May 1985	June 1985	Apr. 1986	May 1986 ^P	June 1986 ^P	May 1985	June 1985	Apr. 1986	May 1986 ^P	June 1986 ^P
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	41.4	42.2	41.5	41.3	-	2.5	2.9	2.4	2.4	-
Construction machinery	3531	41.0	41.9	43.1	43.0	-	2.0	2.3	2.3	2.5	-
Mining machinery	3532	40.4	41.2	40.8	40.2	-	2.6	2.9	2.5	2.2	-
Oil field machinery	3533	42.3	42.9	40.7	39.7	-	2.9	3.4	2.4	2.0	-
Conveyors and conveying equipment	3535	41.4	42.0	41.4	41.5	-	2.7	3.6	2.9	3.1	-
Industrial trucks and tractors	3537	40.6	41.1	39.5	39.6	-	2.6	2.9	2.3	2.3	-
Metalworking machinery	354	42.0	42.5	42.8	42.4	-	4.3	4.5	4.8	4.5	-
Machine tools, metal cutting types	3541	42.2	42.5	42.9	43.0	-	3.8	4.0	4.2	4.0	-
Machine tools, metal forming types	3542	41.4	42.0	42.4	41.6	-	3.2	4.0	4.7	4.6	-
Special dies, tools, jigs, and fixtures	3544	43.0	43.2	43.8	43.4	-	5.3	5.3	6.0	5.5	-
Machine tool accessories	3545	41.4	42.2	41.2	40.5	-	3.5	3.7	3.6	3.5	-
Power driven hand tools	3546	38.0	39.5	39.4	39.4	-	2.2	2.3	1.9	1.8	-
Special industry machinery	355	41.5	41.8	41.5	41.6	-	3.4	3.5	3.2	3.3	-
Food products machinery	3551	41.4	42.0	41.6	42.0	-	2.8	2.9	2.6	3.0	-
Textile machinery	3552	40.5	41.0	41.4	41.6	-	2.2	2.4	2.9	3.2	-
Printing trades machinery	3555	41.5	41.5	40.5	41.3	-	3.4	3.6	3.3	3.7	-
General industrial machinery	356	41.1	41.3	41.2	41.6	-	2.8	3.0	2.8	3.1	-
Pumps and pumping equipment	3561	40.4	40.3	40.6	41.0	-	2.2	2.2	1.8	2.0	-
Ball and roller bearings	3562	42.7	42.9	42.4	43.0	-	4.0	4.2	4.3	4.8	-
Air and gas compressors	3563	41.1	41.6	41.7	42.3	-	3.0	3.4	2.7	3.1	-
Blowers and fans	3564	39.9	40.7	39.9	40.4	-	1.7	2.1	2.1	2.4	-
Speed changers, drives, and gears	3566	40.5	40.4	42.6	43.2	-	2.8	2.8	3.4	3.9	-
Power transmission equipment, nec	3568	40.5	40.3	40.8	41.0	-	2.6	2.9	3.4	3.1	-
Office and computing machines	357	40.6	41.5	41.4	41.8	-	2.1	2.5	2.2	2.4	-
Electronic computing equipment	3573	40.5	41.4	41.5	41.8	-	2.0	2.4	2.1	2.2	-
Refrigeration and service machinery	358	40.7	41.4	40.6	40.9	-	3.0	3.2	2.6	2.9	-
Refrigeration and heating equipment	3585	41.0	41.9	40.9	41.2	-	3.3	3.6	3.0	3.3	-
Misc. machinery, except electrical	359	41.4	41.5	40.9	40.9	-	3.8	3.9	3.5	3.4	-
Carburetors, pistons, rings, and valves	3592	41.0	41.7	41.8	41.1	-	3.8	4.1	4.3	3.5	-
Machinery, except electrical, nec	3599	41.5	41.4	40.8	40.9	-	3.8	3.8	3.4	3.4	-
Electrical and electronic equipment	36	40.2	40.7	40.8	40.8	41.0	2.3	2.5	2.6	2.6	-
Electric distributing equipment	361	40.6	40.9	40.7	41.0	-	2.5	2.8	2.5	2.5	-
Transformers	3612	41.3	41.8	41.8	42.1	-	2.6	3.1	2.6	2.6	-
Switchgear and switchboard apparatus	3613	40.0	40.1	39.6	40.0	-	2.4	2.5	2.4	2.5	-
Electrical industrial apparatus	362	40.4	40.4	40.7	40.4	-	2.5	2.5	2.5	2.3	-
Motors and generators	3621	41.0	40.8	41.1	40.6	-	3.1	3.0	2.9	2.6	-
Industrial controls	3622	39.1	39.3	39.8	39.8	-	1.7	1.7	1.9	1.8	-
Household appliances	363	39.1	39.8	40.2	40.5	-	1.7	2.1	2.8	2.7	-
Household refrigerators and freezers	3632	39.3	40.6	40.5	41.2	-	1.6	2.6	3.8	4.0	-
Household laundry equipment	3633	40.1	39.6	41.0	39.8	-	.9	1.2	2.6	1.7	-
Electric housewares and fans	3634	38.6	39.0	40.0	40.6	-	1.8	1.8	1.8	2.4	-
Electric lighting and wiring equipment	364	39.8	40.0	40.2	40.1	-	2.3	2.4	2.5	2.5	-
Electric lamps	3641	40.7	39.4	40.7	41.1	-	2.3	2.0	2.9	2.5	-
Current-carrying wiring devices	3643	39.5	40.0	40.6	40.4	-	2.2	2.4	2.5	2.5	-
Noncurrent-carrying wiring devices	3644	40.5	41.2	39.8	40.1	-	1.6	2.0	1.6	1.4	-
Residential lighting fixtures	3645	36.6	37.7	38.6	37.7	-	.5	.8	1.2	1.1	-
Radio and TV receiving equipment	365	39.0	39.6	40.8	40.5	-	2.3	2.7	3.0	2.6	-
Radio and TV receiving sets	3651	39.1	39.5	41.4	40.7	-	2.3	2.7	2.9	2.3	-
Communication equipment	366	40.9	41.2	41.4	41.4	-	2.4	2.5	2.5	2.6	-
Telephone and telegraph apparatus	3661	40.4	40.7	41.2	41.5	-	2.2	2.4	1.8	2.2	-
Radio and TV communication equipment	3662	41.2	41.4	41.5	41.4	-	2.5	2.6	2.7	2.7	-
Electronic components and accessories	367	40.3	41.1	40.9	40.7	-	2.3	2.6	2.8	2.7	-
Electronic tubes	3671-3	42.3	41.8	43.1	43.7	-	2.1	2.1	2.2	2.4	-
Semiconductors and related devices	3674	40.5	42.2	41.2	40.7	-	2.5	2.8	3.1	3.0	-
Electronic components, nec	3679	40.2	41.0	40.6	40.6	-	2.4	2.9	2.7	2.7	-
Misc. electrical equipment and supplies	369	40.1	41.1	40.0	41.1	-	2.5	2.6	2.6	3.0	-
Storage batteries	3691	39.8	41.7	40.1	40.8	-	1.7	2.2	1.6	1.7	-
Engine electrical equipment	3694	41.0	41.6	40.5	42.3	-	3.6	3.6	3.6	4.4	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1985	June 1985	Apr. 1986	May 1986 ^P	June 1986 ^P	May 1985	June 1985	Apr. 1986	May 1986 ^P	June 1986 ^P
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	\$10.83	\$10.93	\$11.15	\$11.14	-	\$448.36	\$461.25	\$462.73	\$460.08	-
Construction machinery	3531	11.77	11.92	12.31	12.30	-	482.57	499.45	530.56	528.90	-
Mining machinery	3532	11.41	11.40	11.36	11.49	-	460.96	469.68	463.49	461.90	-
Oil field machinery	3533	11.03	11.14	11.30	11.28	-	466.57	477.91	459.91	447.82	-
Conveyors and conveying equipment	3535	9.64	9.85	10.03	10.02	-	399.10	413.70	415.24	415.83	-
Industrial trucks and tractors	3537	9.31	9.37	9.59	9.61	-	377.99	385.11	378.81	380.56	-
Metalworking machinery	354	10.52	10.55	10.96	11.01	-	441.84	448.38	469.09	466.82	-
Machine tools, metal cutting types	3541	10.52	10.55	10.83	11.01	-	443.94	448.38	464.61	473.43	-
Machine tools, metal forming types	3542	10.76	10.96	11.50	11.58	-	445.46	460.32	487.60	481.73	-
Special dies, tools, jigs, and fixtures	3544	11.17	11.22	11.69	11.70	-	480.31	484.70	512.02	507.78	-
Machine tool accessories	3545	9.44	9.46	9.81	9.86	-	390.82	399.21	404.17	399.33	-
Power driven hand tools	3546	8.38	8.29	8.43	8.46	-	318.44	327.46	332.14	333.32	-
Special industry machinery	355	10.12	10.18	10.39	10.41	-	419.98	425.52	431.19	433.06	-
Food products machinery	3551	10.39	10.44	10.54	10.59	-	430.15	438.48	438.46	444.78	-
Textile machinery	3552	7.93	7.98	8.29	8.41	-	321.17	327.18	343.21	349.86	-
Printing trades machinery	3555	10.55	10.42	10.88	10.87	-	433.68	432.43	440.64	448.93	-
General industrial machinery	356	10.01	10.05	10.24	10.24	-	411.41	415.07	421.89	425.98	-
Pumps and pumping equipment	3561	10.62	10.63	10.82	10.88	-	429.05	428.39	439.29	446.08	-
Ball and roller bearings	3562	10.31	10.29	10.76	10.73	-	440.24	441.44	456.22	461.39	-
Air and gas compressors	3563	10.47	10.56	10.05	10.11	-	430.32	439.30	419.09	427.65	-
Blowers and fans	3564	8.72	8.80	9.07	9.06	-	347.93	358.16	361.89	366.02	-
Speed changers, drives, and gears	3566	10.44	10.40	10.57	10.44	-	422.82	420.16	450.28	451.01	-
Power transmission equipment, nec	3568	10.14	10.15	10.25	10.22	-	410.67	409.05	418.20	419.02	-
Office and computing machines	357	9.28	9.38	9.86	9.83	-	376.77	389.27	408.20	410.89	-
Electronic computing equipment	3573	9.19	9.33	9.82	9.81	-	372.20	386.26	407.53	410.06	-
Refrigeration and service machinery	358	9.92	10.05	10.19	10.20	-	403.74	416.07	413.71	417.18	-
Refrigeration and heating equipment	3585	10.21	10.37	10.48	10.47	-	418.61	434.50	428.63	431.36	-
Misc. machinery, except electrical	359	9.96	9.97	10.21	10.21	-	412.34	413.76	417.59	417.59	-
Carburetors, pistons, rings, and valves	3592	12.45	12.44	12.72	12.54	-	510.45	518.75	531.70	515.39	-
Machinery, except electrical, nec	3599	9.56	9.58	9.81	9.83	-	396.74	396.61	400.25	402.05	-
Electrical and electronic equipment	36	9.39	9.46	9.62	9.64	\$9.62	377.48	385.02	392.50	393.31	\$394.42
Electric distributing equipment	361	8.75	8.78	8.89	8.87	-	355.25	359.10	361.82	363.67	-
Transformers	3612	8.62	8.67	8.74	8.71	-	356.01	362.41	365.33	366.69	-
Switchgear and switchboard apparatus	3613	8.87	8.88	9.02	9.02	-	354.80	356.09	357.19	360.80	-
Electrical industrial apparatus	362	9.50	9.51	9.68	9.65	-	383.80	384.20	393.98	389.86	-
Motors and generators	3621	9.49	9.48	9.61	9.57	-	389.09	386.78	394.97	388.54	-
Industrial controls	3622	9.19	9.18	9.44	9.41	-	359.33	360.77	375.71	374.52	-
Household appliances	363	9.19	9.20	9.67	9.62	-	359.33	366.16	388.73	389.61	-
Household refrigerators and freezers	3632	10.33	10.33	10.82	10.89	-	405.97	419.40	438.21	448.67	-
Household laundry equipment	3633	10.87	10.83	11.25	11.19	-	435.89	428.87	461.25	445.36	-
Electric housewares and fans	3634	7.18	7.08	7.42	7.40	-	277.15	276.12	296.80	300.44	-
Electric lighting and wiring equipment	364	8.67	8.70	8.80	8.85	-	345.07	348.00	353.76	354.89	-
Electric lamps	3641	9.87	9.90	9.84	9.79	-	401.71	390.06	400.49	402.37	-
Current-carrying wiring devices	3643	8.01	8.03	8.29	8.28	-	316.40	321.20	336.57	334.51	-
Noncurrent-carrying wiring devices	3644	8.95	8.94	9.23	9.23	-	362.48	368.33	367.35	370.12	-
Residential lighting fixtures	3645	6.63	6.67	6.48	6.60	-	242.66	251.46	250.13	248.82	-
Radio and TV receiving equipment	365	9.27	9.29	9.67	9.47	-	361.53	367.88	394.54	383.54	-
Radio and TV receiving sets	3651	9.53	9.64	10.04	9.81	-	372.62	380.78	415.66	399.27	-
Communication equipment	366	11.17	11.23	11.23	11.26	-	456.85	462.68	464.92	466.16	-
Telephone and telegraph apparatus	3661	10.68	10.69	10.89	11.00	-	431.47	435.08	448.67	456.50	-
Radio and TV communication equipment	3662	11.40	11.48	11.35	11.36	-	469.68	475.27	471.03	470.30	-
Electronic components and accessories	367	8.20	8.35	8.53	8.60	-	330.46	343.19	348.88	350.02	-
Electronic tubes	3671-3	10.52	10.55	10.60	10.59	-	445.00	440.99	456.86	462.78	-
Semiconductors and related devices	3674	9.43	9.79	9.87	9.99	-	381.92	413.14	406.64	406.59	-
Electronic components, nec	3679	7.54	7.62	7.87	7.91	-	303.11	312.42	319.52	321.15	-
Misc. electrical equipment and supplies	369	10.20	10.25	10.48	10.58	-	409.02	421.28	419.20	434.84	-
Storage batteries	3691	10.46	10.45	10.85	10.84	-	416.31	435.77	435.09	442.27	-
Engine electrical equipment	3694	10.97	11.02	11.25	11.40	-	449.77	458.43	455.63	482.22	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Durable goods—Continued											
Transportation equipment	37	42.7	42.6	42.3	42.1	42.3	4.5	4.6	4.3	4.1	-
Motor vehicles and equipment	371	43.9	43.3	42.4	42.2	42.8	5.3	5.2	4.4	4.1	-
Motor vehicles and car bodies	3711	45.0	43.0	41.9	41.7	-	5.9	5.2	4.1	3.8	-
Truck and bus bodies	3713	41.7	41.9	41.0	41.2	-	4.3	4.4	3.8	3.6	-
Motor vehicle parts and accessories	3714	43.3	44.0	43.3	42.9	-	5.2	5.5	4.9	4.6	-
Truck trailers	3715	40.0	40.1	39.9	40.5	-	2.0	2.6	2.0	2.4	-
Aircraft and parts	372	41.8	42.2	42.9	42.7	-	3.9	4.3	4.6	4.6	-
Aircraft	3721	41.4	41.5	42.3	42.1	-	3.1	3.4	4.2	4.3	-
Aircraft engines and engine parts	3724	41.3	41.9	42.5	42.4	-	4.4	5.0	4.7	4.7	-
Aircraft equipment, nec	3728	42.9	43.4	44.0	43.8	-	4.8	5.3	5.1	5.1	-
Ship and boat building and repairing	373	40.6	40.9	40.9	40.9	-	2.9	3.5	3.6	3.4	-
Ship building and repairing	3731	40.2	40.6	41.2	-	-	2.9	3.5	3.9	-	-
Boat building and repairing	3732	41.6	41.7	40.3	40.4	-	3.1	3.4	2.9	3.2	-
Railroad equipment	374	39.9	41.6	39.7	-	-	1.9	2.7	1.7	-	-
Guided missiles, space vehicles, and parts	376	41.8	42.5	42.0	42.2	-	4.5	4.4	4.2	4.2	-
Guided missiles and space vehicles	3761	41.9	42.8	42.3	42.6	-	4.9	4.8	4.5	4.5	-
Miscellaneous transportation equipment	379	40.9	40.5	41.2	39.4	-	3.0	2.6	4.0	3.6	-
Travel trailers and campers	3792	39.0	38.4	39.2	39.2	-	2.2	1.7	2.5	2.5	-
Instruments and related products	38	40.7	41.1	41.0	40.6	41.0	2.2	2.4	2.5	2.4	-
Engineering and scientific instruments	381	41.7	41.9	42.2	41.8	-	2.6	2.8	3.2	3.0	-
Measuring and controlling devices	382	40.2	40.9	40.5	40.1	-	1.8	1.9	2.1	1.9	-
Environmental controls	3822	39.0	39.9	39.4	38.9	-	1.2	1.7	1.5	1.4	-
Process control instruments	3823	41.2	41.2	41.2	40.2	-	2.5	2.6	2.7	2.4	-
Instruments to measure electricity	3825	40.1	40.8	40.4	40.0	-	1.6	1.5	2.1	1.7	-
Optical instruments and lenses	383	41.1	41.3	41.8	41.8	-	2.5	2.7	3.3	2.9	-
Medical instruments and supplies	384	40.3	40.4	40.7	40.6	-	2.2	2.6	2.7	2.6	-
Surgical and medical instruments	3841	41.0	41.2	41.2	40.5	-	2.2	2.7	2.9	2.6	-
Surgical appliances and supplies	3842	39.8	39.9	40.3	40.8	-	2.2	2.4	2.5	2.7	-
Ophthalmic goods	385	40.1	39.9	39.9	39.5	-	2.1	1.9	2.2	2.2	-
Photographic equipment and supplies	386	42.7	43.0	42.5	41.2	-	3.1	3.1	3.1	2.9	-
Watches, clocks, and watchcases	387	39.7	39.8	39.4	38.8	-	1.8	2.2	1.0	.9	-
Miscellaneous manufacturing	39	39.2	39.4	39.7	39.4	39.9	1.9	1.9	2.2	2.1	-
Jewelry, silverware, and plated ware	391	38.4	38.3	39.0	38.3	-	1.8	1.6	2.2	1.8	-
Jewelry, precious metal	3911	37.4	37.2	37.9	37.3	-	1.6	1.3	1.8	1.4	-
Musical instruments	393	39.6	40.0	40.6	40.2	-	1.0	1.6	2.9	2.5	-
Toys and sporting goods	394	39.0	39.0	39.9	39.9	-	1.4	1.4	2.1	2.1	-
Dolls, games, toys, and children's vehicles	3942,4	38.7	38.7	38.9	39.0	-	1.1	1.1	1.7	1.9	-
Sporting and athletic goods, nec	3949	39.2	39.2	40.6	40.6	-	1.6	1.5	2.5	2.2	-
Pens, pencils, office, and art supplies	395	40.9	41.1	39.8	39.7	-	2.6	2.7	1.9	1.7	-
Costume jewelry and notions	396	38.5	38.8	39.2	38.5	-	2.0	2.3	2.1	2.0	-
Costume jewelry	3961	37.6	38.1	38.7	37.6	-	1.6	1.9	1.9	1.7	-
Miscellaneous manufactures	399	39.4	39.8	39.7	39.6	-	2.1	2.3	2.4	2.3	-
Signs and advertising displays	3993	40.1	40.1	39.9	39.6	-	2.2	2.3	2.3	2.3	-
Nondurable goods		39.3	39.6	39.6	39.8	39.9	2.8	3.0	3.1	3.2	3.2
Food and kindred products	20	40.0	39.9	39.6	40.2	40.2	3.6	3.7	3.4	3.8	-
Meat products	201	40.0	39.7	39.0	40.1	-	3.6	3.6	3.1	4.0	-
Meat packing plants	2011	42.1	41.2	41.1	42.4	-	4.6	4.3	4.0	5.2	-
Sausages and other prepared meats	2013	40.8	40.9	39.3	41.0	-	3.9	4.1	3.0	4.1	-
Poultry dressing plants	2016	37.6	37.7	37.2	37.8	-	2.3	2.6	2.5	3.0	-
Dairy products	202	41.9	42.5	41.1	41.5	-	4.6	4.7	4.2	4.5	-
Cheese, natural and processed	2022	39.8	40.5	39.3	39.5	-	3.6	3.7	3.6	3.6	-
Fluid milk	2026	42.6	43.3	42.1	42.4	-	4.9	5.2	4.9	5.1	-
Preserved fruits and vegetables	203	38.1	37.8	38.5	38.6	-	2.5	3.1	2.4	2.6	-
Canned specialties	2032	38.5	38.9	38.8	37.4	-	3.2	3.5	3.2	3.2	-
Canned fruits and vegetables	2033	38.7	36.3	39.2	38.6	-	2.8	3.1	2.7	2.9	-
Frozen fruits and vegetables	2037	38.3	37.9	36.1	37.5	-	2.8	3.5	2.1	2.2	-
Grain mill products	204	43.0	43.4	42.8	43.2	-	5.0	5.3	4.8	4.8	-
Flour and other grain mill products	2041	45.3	44.7	44.7	44.9	-	4.9	5.3	4.6	4.1	-
Prepared feeds, nec	2048	42.5	43.3	42.1	42.3	-	5.3	5.9	4.7	4.7	-
Bakery products	205	38.9	38.7	39.5	39.7	-	3.0	3.1	3.4	3.6	-
Bread, cake, and related products	2051	38.4	38.1	39.1	39.1	-	3.3	3.3	3.7	3.7	-
Cookies and crackers	2052	40.3	40.2	40.5	41.4	-	2.3	2.4	2.6	3.3	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1985	June 1985	Apr. 1986	May 1986 ^a	June 1986 ^a	May 1985	June 1985	Apr. 1986	May 1986 ^a	June 1986 ^a
Durable goods—Continued											
Transportation equipment	37	\$12.63	\$12.66	\$12.83	\$12.79	\$12.80	\$539.30	\$539.32	\$542.71	\$538.46	\$541.44
Motor vehicles and equipment	371	13.35	13.36	13.54	13.46	13.47	586.07	578.49	574.10	568.01	576.52
Motor vehicles and car bodies	3711	14.73	14.77	14.99	14.98	-	662.85	635.11	628.08	624.67	-
Truck and bus bodies	3713	10.64	10.65	10.89	10.74	-	443.69	446.24	446.49	442.49	-
Motor vehicle parts and accessories	3714	12.66	12.72	12.93	12.84	-	548.18	559.68	559.87	550.84	-
Truck trailers	3715	9.27	9.39	9.47	9.42	-	370.80	376.54	377.85	381.51	-
Aircraft and parts	372	12.51	12.56	12.80	12.76	-	522.92	530.03	549.12	544.85	-
Aircraft	3721	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$12.64	\$12.75	\$12.92	\$12.90	-	522.03	534.23	549.10	546.96	-
Aircraft equipment, nec	3728	11.59	11.62	11.76	11.74	-	497.21	504.31	517.44	514.21	-
Ship and boat building and repairing	373	10.37	10.44	10.59	10.74	-	421.02	427.00	433.13	439.27	-
Ship building and repairing	3731	11.27	11.33	11.61	-	-	453.05	460.00	478.33	-	-
Boat building and repairing	3732	8.07	8.13	8.01	8.05	-	335.71	339.02	322.80	325.22	-
Railroad equipment	374	12.37	12.42	12.64	-	-	493.56	516.67	501.81	-	-
Guided missiles, space vehicles, and parts	376	12.00	11.94	12.12	11.98	-	501.60	507.45	509.04	505.56	-
Guided missiles and space vehicles	3761	12.20	12.16	12.47	12.28	-	511.18	520.45	527.48	523.13	-
Miscellaneous transportation equipment	379	9.82	9.95	10.51	10.66	-	401.64	402.98	433.01	420.00	-
Travel trailers and campers	3792	8.36	8.69	8.81	9.18	-	326.04	333.70	345.35	359.86	-
Instruments and related products	38	9.10	9.12	9.41	9.39	9.39	370.37	374.83	385.81	381.23	384.99
Engineering and scientific instruments	381	9.78	9.76	10.11	10.18	-	407.83	408.94	426.64	425.52	-
Measuring and controlling devices	382	8.92	8.97	9.16	9.18	-	358.58	366.87	370.98	368.12	-
Environmental controls	3822	8.55	8.61	8.69	8.61	-	333.45	343.54	342.39	334.93	-
Process control instruments	3823	8.97	9.03	9.33	9.40	-	369.56	372.04	384.40	377.88	-
Instruments to measure electricity	3825	9.11	9.18	9.22	9.32	-	365.31	374.54	372.49	372.80	-
Optical instruments and lenses	383	10.20	10.24	10.49	10.37	-	419.22	422.91	438.48	433.47	-
Medical instruments and supplies	384	8.03	8.07	8.39	8.36	-	323.61	326.03	341.47	339.42	-
Surgical and medical instruments	3841	8.22	8.29	8.57	8.58	-	337.02	341.55	353.08	347.49	-
Surgical appliances and supplies	3842	7.86	7.89	8.26	8.20	-	312.83	314.81	332.88	334.56	-
Ophthalmic goods	385	6.89	6.98	7.22	7.19	-	276.29	278.50	288.08	284.01	-
Photographic equipment and supplies	386	11.95	11.78	12.49	12.50	-	510.27	506.54	530.83	515.00	-
Watches, clocks, and watchcases	387	6.83	6.85	6.98	7.12	-	271.15	272.63	275.01	276.26	-
Miscellaneous manufacturing	39	7.30	7.30	7.50	7.52	7.56	286.16	287.62	297.75	296.29	301.64
Jewelry, silverware, and plated ware	391	7.73	7.72	8.00	8.06	-	296.83	295.68	312.00	308.70	-
Jewelry, precious metal	3911	7.76	7.76	8.05	8.10	-	290.22	288.67	305.10	302.13	-
Musical instruments	393	6.80	6.84	7.14	7.18	-	269.28	273.60	289.88	288.64	-
Toys and sporting goods	394	6.67	6.69	6.91	6.90	-	260.13	260.91	275.71	275.31	-
Dolls, games, toys, and children's vehicles	3942,4	6.42	6.43	6.90	6.87	-	248.45	248.84	268.41	267.93	-
Sporting and athletic goods, nec	3949	6.88	6.91	6.92	6.93	-	269.70	270.87	280.95	281.36	-
Pens, pencils, office, and art supplies	395	7.74	7.75	7.71	7.70	-	316.57	318.53	306.86	305.69	-
Costume jewelry and notions	396	5.97	5.95	6.06	6.14	-	229.85	230.86	237.55	236.39	-
Costume jewelry	3961	5.59	5.54	5.46	5.57	-	210.18	211.07	211.30	209.43	-
Miscellaneous manufactures	399	7.99	7.99	8.20	8.22	-	314.81	318.00	325.54	325.51	-
Signs and advertising displays	3993	8.49	8.48	8.49	8.52	-	340.45	340.05	338.75	337.39	-
Nondurable goods		8.67	8.69	8.88	8.91	8.90	340.73	344.12	351.65	354.62	355.11
Food and kindred products	20	8.61	8.58	8.75	8.78	8.75	344.40	342.34	346.50	352.96	351.75
Meat products	201	7.25	7.24	7.29	7.36	-	290.00	287.43	284.31	295.14	-
Meat packing plants	2011	8.13	8.10	8.19	8.29	-	342.27	333.72	336.61	351.50	-
Sausages and other prepared meats	2013	8.83	8.84	8.81	8.85	-	360.26	361.56	346.23	362.85	-
Poultry dressing plants	2016	5.72	5.75	5.89	5.93	-	215.07	216.78	219.11	224.15	-
Dairy products	202	9.08	9.08	9.43	9.47	-	380.45	385.90	387.57	393.01	-
Cheese, natural and processed	2022	8.60	8.58	8.79	8.89	-	342.28	347.49	345.45	351.16	-
Fluid milk	2026	9.41	9.47	9.85	9.89	-	400.87	410.05	414.69	419.34	-
Preserved fruits and vegetables	203	7.96	7.80	8.12	8.11	-	303.28	294.84	312.62	313.05	-
Canned specialties	2032	9.57	9.69	9.89	9.90	-	368.45	376.94	383.73	370.26	-
Canned fruits and vegetables	2033	8.15	7.88	8.05	8.11	-	315.41	286.04	315.56	313.05	-
Frozen fruits and vegetables	2037	7.29	7.23	7.59	7.43	-	279.21	274.02	274.00	278.63	-
Grain mill products	204	10.36	10.40	10.59	10.65	-	445.48	451.36	453.25	460.08	-
Flour and other grain mill products	2041	10.04	9.96	10.04	10.07	-	454.81	445.21	448.79	452.14	-
Prepared feeds, nec	2048	7.88	7.80	7.97	8.09	-	334.90	337.74	335.54	342.21	-
Bakery products	205	9.69	9.73	9.81	9.85	-	376.94	376.55	387.50	391.05	-
Bread, cake, and related products	2051	9.71	9.73	9.73	9.75	-	372.86	370.71	380.44	381.23	-
Cookies and crackers	2052	9.64	9.73	10.01	10.11	-	388.49	391.15	405.41	418.55	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		May 1985	June 1985	Apr. 1986	May 1986 ^a	June 1986 ^a	May 1985	June 1985	Apr. 1986	May 1986 ^a	June 1986 ^a
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	39.1	40.1	39.5	39.5	-	2.4	2.8	2.4	2.4	-
Cane and beet sugar	2061-3	42.5	42.9	40.8	41.8	-	4.4	4.8	3.4	3.2	-
Confectionery products	2065	37.3	38.7	38.7	38.2	-	1.9	2.4	1.9	1.7	-
Fats and oils	207	42.4	43.0	41.9	42.4	-	4.9	5.2	4.6	4.7	-
Beverages	208	41.4	41.4	40.9	41.7	-	4.4	4.4	4.2	4.5	-
Malt beverages	2082	43.2	43.1	42.4	43.7	-	5.7	5.9	5.9	6.0	-
Bottled and finishing soft drinks	2086	41.0	40.9	40.8	41.5	-	4.5	4.3	4.1	4.6	-
Misc. food and kindred products	209	39.2	38.1	37.8	38.6	-	3.9	3.5	3.4	3.8	-
Tobacco manufactures	21	37.1	37.7	36.6	38.0	38.9	.7	1.1	1.0	2.0	-
Cigarettes	211	36.7	37.7	35.7	37.4	-	.5	1.1	.6	2.1	-
Textile mill products	22	39.1	39.9	40.6	41.0	40.9	2.8	3.2	3.7	3.9	-
Weaving mills, cotton	221	38.0	38.7	41.1	41.2	-	3.2	3.3	4.8	4.9	-
Weaving mills, synthetics	222	38.3	38.9	40.3	40.6	-	2.5	2.8	3.1	3.6	-
Weaving and finishing mills, wool	223	41.0	40.6	40.8	41.8	-	3.2	2.9	3.3	3.7	-
Narrow fabric mills	224	38.7	39.6	40.9	40.4	-	1.6	1.9	2.7	2.5	-
Knitting mills	225	38.2	39.3	39.2	39.8	-	2.2	2.8	2.9	3.2	-
Women's hosiery, except socks	2251	38.7	40.2	38.8	39.5	-	2.4	3.4	2.8	3.3	-
Hosiery, nec	2252	35.7	37.4	37.5	38.6	-	1.3	1.9	2.0	2.6	-
Knit outerwear mills	2253	38.3	38.5	37.9	38.8	-	2.2	2.5	2.5	2.9	-
Knit underwear mills	2254	36.6	38.7	39.4	39.6	-	.9	1.7	2.0	2.3	-
Circular knit fabric mills	2257	40.9	41.4	42.0	41.8	-	3.7	4.2	5.2	5.1	-
Textile finishing, except wool	226	40.2	41.1	41.4	41.6	-	3.7	4.3	4.3	4.2	-
Finishing plants, cotton	2261	40.9	41.8	42.1	41.6	-	4.2	4.5	4.5	4.3	-
Finishing plants, synthetics	2262	39.5	40.5	40.3	41.0	-	3.6	4.5	4.1	4.0	-
Floor covering mills	227	41.0	42.3	40.4	40.7	-	3.4	4.1	3.3	3.4	-
Yarn and thread mills	228	39.4	40.3	41.8	42.7	-	3.1	3.4	4.4	4.7	-
Yarn mills, except wool	2281	39.9	40.6	42.6	43.0	-	3.5	3.7	4.9	5.0	-
Throwing and winding mills	2282	37.5	38.1	38.3	41.5	-	2.2	2.4	2.7	3.9	-
Miscellaneous textile goods	229	41.7	42.3	42.2	42.3	-	3.2	3.9	4.1	4.1	-
Apparel and other textile products	23	36.2	36.7	36.4	36.5	37.1	1.2	1.4	1.4	1.5	-
Men's and boys' suits and coats	231	34.0	34.0	35.0	35.6	-	.6	.7	.7	.8	-
Men's and boys' furnishings	232	36.9	37.7	37.1	37.2	-	1.2	1.4	1.2	1.3	-
Men's and boys' shirts and nightwear	2321	36.4	37.2	37.7	37.8	-	1.1	1.3	1.5	1.5	-
Men's and boys' separate trousers	2327	35.9	36.6	35.6	36.0	-	1.0	1.0	.7	.9	-
Men's and boys' work clothing	2328	37.6	38.7	36.3	36.3	-	1.5	1.8	1.1	1.3	-
Women's and misses' outerwear	233	34.7	35.1	34.8	34.6	-	1.0	1.2	1.4	1.2	-
Women's and misses' blouses and waists	2331	34.7	35.4	34.4	35.4	-	1.0	1.2	1.0	1.1	-
Women's and misses' dresses	2335	33.5	33.6	34.3	33.6	-	1.0	.9	1.2	1.0	-
Women's and misses' suits and coats	2337	33.9	34.8	34.2	34.7	-	.7	1.1	1.0	1.1	-
Women's and misses' outerwear, nec	2339	35.5	35.9	35.4	35.0	-	1.1	1.4	1.7	1.5	-
Women's and children's undergarments	234	36.2	37.2	36.5	36.8	-	1.1	1.5	1.2	1.2	-
Women's and children's underwear	2341	36.1	37.5	36.6	37.1	-	1.0	1.6	1.1	1.2	-
Brassieres and allied garments	2342	36.7	36.0	36.1	35.2	-	1.4	1.2	1.9	1.2	-
Children's outerwear	236	37.1	37.5	36.9	37.5	-	1.3	1.7	1.6	1.9	-
Children's dresses and blouses	2361	36.1	35.7	35.6	36.2	-	1.2	1.3	1.4	1.8	-
Misc. apparel and accessories	238	37.3	37.1	36.6	36.9	-	1.3	1.1	1.0	1.2	-
Misc. fabricated textile products	239	38.5	38.8	38.6	38.8	-	1.8	2.1	2.4	2.5	-
Curtains and draperies	2391	36.6	37.6	37.0	37.9	-	.6	.6	1.1	1.5	-
House furnishings, nec	2392	37.7	37.6	37.3	37.5	-	1.4	1.7	1.7	2.0	-
Automotive and apparel trimmings	2396	39.9	40.6	41.0	41.2	-	3.2	4.2	5.1	5.0	-
Paper and allied products	26	42.8	43.0	42.9	43.1	43.3	4.4	4.6	4.6	4.6	-
Paper and pulp mills	261,2,6	45.0	44.7	45.0	45.3	-	6.2	6.1	6.4	6.5	-
Paper mills, except building paper	262	45.2	44.8	45.1	45.4	-	6.4	6.1	6.5	6.6	-
Paperboard mills	263	44.0	43.5	44.4	44.0	-	7.2	6.5	6.8	6.8	-
Misc. converted paper products	264	41.5	42.0	41.5	41.7	-	2.8	3.1	3.1	3.1	-
Paper coating and glazing	2641	42.3	43.2	42.9	43.1	-	2.5	3.0	3.2	3.3	-
Envelopes	2642	41.1	40.9	41.8	41.4	-	2.7	2.8	2.9	2.5	-
Bags, except textile bags	2643	41.6	42.4	40.9	40.9	-	3.0	3.6	3.4	3.3	-
Paperboard containers and boxes	265	41.6	42.3	42.2	42.3	-	3.6	4.1	3.9	3.9	-
Folding paperboard boxes	2651	41.5	41.8	42.2	42.0	-	3.5	3.8	3.8	3.5	-
Corrugated and solid fiber boxes	2653	42.3	42.9	42.5	42.7	-	3.9	4.2	3.9	4.0	-
Sanitary food containers	2654	42.6	44.0	42.6	43.5	-	4.5	5.6	4.7	5.1	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	\$8.85	\$8.80	\$8.92	\$8.93	-	\$346.04	\$352.88	\$352.34	\$352.74	-
Cane and beet sugar	2061-3	10.33	10.40	10.79	10.73	-	439.03	446.16	440.23	448.51	-
Confectionery products	2065	7.69	7.67	7.66	7.60	-	286.84	296.83	296.44	290.32	-
Fats and oils	207	8.83	8.89	8.78	8.81	-	374.39	382.27	367.88	373.54	-
Beverages	208	11.27	11.29	11.62	11.67	-	466.58	467.41	475.26	486.64	-
Malt beverages	2082	15.45	15.43	16.01	16.11	-	667.44	665.03	678.82	704.01	-
Bottled and canned soft drinks	2086	8.69	8.72	9.05	9.10	-	356.29	356.65	369.24	377.65	-
Misc. food and kindred products	209	7.74	7.69	8.01	7.96	-	303.41	292.99	302.78	307.26	-
Tobacco manufactures	21	12.56	12.76	12.84	13.37	\$13.63	465.98	481.05	469.94	508.06	\$530.21
Cigarettes	211	14.68	14.83	15.26	15.68	-	538.76	559.09	544.78	586.43	-
Textile mill products	22	6.68	6.68	6.87	6.88	6.85	261.19	266.53	278.92	282.08	280.17
Weaving mills, cotton	221	6.99	6.99	7.17	7.17	-	265.62	270.51	294.69	295.40	-
Weaving mills, synthetics	222	7.12	7.11	7.30	7.37	-	272.70	276.58	294.19	299.22	-
Weaving and finishing mills, wool	223	7.03	7.08	7.23	7.33	-	288.23	287.45	294.98	306.39	-
Narrow fabric mills	224	6.37	6.40	6.51	6.53	-	246.52	253.44	266.26	263.81	-
Knitting mills	225	6.17	6.13	6.36	6.35	-	235.69	240.91	249.31	252.73	-
Women's hosiery, except socks	2251	6.01	6.07	6.24	6.30	-	232.59	244.01	242.11	248.85	-
Hosiery, nec	2252	5.76	5.81	5.99	6.01	-	205.63	217.29	224.63	231.99	-
Knit outerwear mills	2253	6.21	5.96	6.32	6.31	-	237.84	229.46	239.53	244.83	-
Knit underwear mills	2254	5.66	5.62	5.92	5.81	-	207.16	217.49	233.25	230.08	-
Circular knit fabric mills	2257	6.83	6.94	6.93	6.87	-	279.35	287.32	291.06	287.17	-
Textile finishing, except wool	226	7.11	7.16	7.24	7.19	-	285.82	294.28	299.74	299.10	-
Finishing plants, cotton	2261	7.12	7.14	7.21	7.22	-	291.21	298.45	303.54	300.35	-
Finishing plants, synthetics	2262	7.56	7.66	7.67	7.58	-	298.62	310.23	309.10	310.78	-
Floor covering mills	227	6.86	6.93	7.07	7.12	-	281.26	293.14	285.63	289.78	-
Yarn and thread mills	228	6.21	6.23	6.44	6.42	-	244.67	251.07	269.19	274.13	-
Yarn mills, except wool	2281	6.20	6.22	6.45	6.42	-	247.38	252.53	274.77	276.06	-
Throwing and winding mills	2282	6.13	6.20	6.42	6.36	-	229.88	236.22	245.89	263.94	-
Miscellaneous textile goods	229	7.47	7.56	7.82	7.90	-	311.50	319.79	330.00	334.17	-
Apparel and other textile products	23	5.70	5.71	5.81	5.78	5.79	206.34	209.56	211.48	210.97	214.81
Men's and boys' suits and coats	231	6.64	6.63	6.69	6.62	-	225.76	225.42	234.15	235.67	-
Men's and boys' furnishings	232	5.26	5.26	5.40	5.34	-	194.09	198.30	200.34	198.65	-
Men's and boys' shirts and nightwear	2321	5.04	5.04	5.15	5.09	-	183.46	187.49	194.16	192.40	-
Men's and boys' separate trousers	2327	5.29	5.23	5.30	5.24	-	189.91	191.42	188.68	188.64	-
Men's and boys' work clothing	2328	5.27	5.27	5.51	5.46	-	198.15	203.95	200.01	198.20	-
Women's and misses' outerwear	233	5.56	5.57	5.56	5.53	-	192.93	195.51	193.49	191.34	-
Women's and misses' blouses and waists	2331	5.09	5.10	5.10	5.08	-	176.62	180.54	175.44	179.83	-
Women's and misses' dresses	2335	5.74	5.76	5.82	5.80	-	192.29	193.54	199.63	194.88	-
Women's and misses' suits and coats	2337	6.47	6.46	6.52	6.41	-	219.33	224.81	222.98	222.43	-
Women's and misses' outerwear, nec	2339	5.38	5.37	5.32	5.29	-	190.99	192.78	188.33	185.15	-
Women's and children's undergarments	234	5.30	5.30	5.41	5.39	-	191.86	197.16	197.47	198.35	-
Women's and children's underwear	2341	5.19	5.18	5.24	5.24	-	187.36	194.25	191.78	194.40	-
Brassieres and allied garments	2342	5.82	5.89	6.17	6.12	-	213.59	212.04	222.74	215.42	-
Children's outerwear	236	4.99	5.01	5.19	5.15	-	185.13	187.88	191.51	193.13	-
Children's dresses and blouses	2361	4.87	4.89	4.99	4.95	-	175.81	174.57	177.64	179.19	-
Misc. apparel and accessories	238	5.47	5.47	5.61	5.52	-	204.03	202.94	205.33	203.69	-
Misc. fabricated textile products	239	6.78	6.88	7.11	7.11	-	261.03	266.94	274.45	275.87	-
Curtains and draperies	2391	5.26	5.36	5.53	5.55	-	192.52	201.54	204.61	210.35	-
House furnishings, nec	2392	5.85	5.85	5.93	5.95	-	220.55	219.96	221.19	223.13	-
Automotive and apparel trimmings	2396	10.34	10.72	11.19	11.22	-	412.57	435.23	458.79	462.26	-
Paper and allied products	26	10.75	10.79	11.05	11.12	11.11	460.10	463.97	474.05	479.27	481.06
Paper and pulp mills	261,2,6	12.96	13.13	13.42	13.52	-	583.20	586.91	603.90	612.46	-
Paper mills, except building paper	262	13.03	13.19	13.52	13.60	-	588.96	590.91	609.75	617.44	-
Paperboard mills	263	13.59	13.50	13.90	13.95	-	597.96	587.25	617.16	613.80	-
Misc. converted paper products	264	9.28	9.27	9.52	9.58	-	385.12	389.34	395.08	399.49	-
Paper coating and glazing	2641	10.62	10.63	10.87	10.90	-	449.23	459.22	466.32	469.79	-
Envelopes	2642	8.52	8.53	8.61	8.69	-	350.17	348.88	359.90	359.77	-
Bags, except textile bags	2643	8.75	8.87	9.07	9.04	-	364.00	376.09	370.96	369.74	-
Paperboard containers and boxes	265	9.17	9.25	9.46	9.50	-	381.47	391.28	399.21	401.85	-
Folding paperboard boxes	2651	9.47	9.57	9.81	9.85	-	393.01	400.03	413.98	413.70	-
Corrugated and solid fiber boxes	2653	9.43	9.54	9.70	9.76	-	398.89	409.27	412.25	416.75	-
Sanitary food containers	2654	8.83	8.91	9.20	9.14	-	376.16	392.04	391.92	397.59	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		May 1985	June 1985	Apr. 1986	May 1986 ^o	June 1986 ^o	May 1985	June 1985	Apr. 1986	May 1986 ^o	June 1986 ^o
Nondurable goods—Continued											
Printing and publishing	27	37.3	37.3	37.9	37.8	37.7	2.3	2.3	2.7	2.6	-
Newspapers	271	33.6	33.7	33.5	33.9	-	1.6	1.5	1.5	1.7	-
Periodicals	272	37.7	37.5	38.3	37.8	-	2.1	2.2	3.2	2.7	-
Books	273	38.7	38.1	40.5	40.4	-	2.7	2.3	3.9	4.0	-
Book publishing	2731	38.5	38.1	39.5	40.0	-	2.5	1.8	3.5	3.8	-
Book printing	2732	38.9	38.1	42.1	40.9	-	3.0	2.9	4.5	4.4	-
Miscellaneous publishing	274	36.3	36.5	36.0	36.2	-	2.3	2.0	1.6	1.9	-
Commercial printing	275	38.2	38.2	39.2	39.0	-	2.6	2.5	3.2	2.9	-
Commercial printing, letterpress	2751	37.8	38.1	38.6	38.3	-	2.1	2.1	2.7	2.4	-
Commercial printing, lithographic	2752	38.3	38.1	39.3	39.2	-	2.7	2.7	3.4	3.1	-
Manifold business forms	276	40.1	41.0	40.4	40.8	-	2.8	3.5	3.2	3.2	-
Blankbooks and bookbinding	278	38.2	38.7	38.2	38.3	-	1.8	1.8	1.6	1.7	-
Printing trade services	279	39.0	38.9	39.1	38.4	-	3.4	3.5	3.5	3.2	-
Chemicals and allied products	28	41.9	42.1	41.9	42.0	42.0	3.2	3.4	3.6	3.6	-
Industrial inorganic chemicals	281	41.8	41.8	41.6	41.5	-	3.4	3.4	3.4	3.2	-
Industrial inorganic chemicals, nec	2819	41.7	41.9	42.1	41.8	-	3.2	3.2	3.4	3.1	-
Plastics materials and synthetics	282	42.6	42.4	42.1	42.5	-	3.7	3.8	3.8	3.9	-
Plastics materials and resins	2821	43.3	43.7	43.4	43.3	-	4.3	4.9	4.8	4.4	-
Organic fibers, noncellulosic	2824	43.2	42.4	41.6	42.6	-	3.7	3.3	3.2	3.8	-
Drugs	283	40.7	41.6	41.3	41.2	-	2.4	2.7	3.0	2.8	-
Pharmaceutical preparations	2834	40.7	41.6	41.3	41.4	-	2.3	2.6	3.0	2.8	-
Soap, cleaners, and toilet goods	284	40.5	41.3	40.8	41.3	-	2.2	2.9	3.0	3.0	-
Soap and other detergents	2841	42.7	44.2	43.2	44.1	-	3.5	4.8	3.8	4.4	-
Toilet preparations	2844	38.9	38.9	38.7	39.4	-	1.4	1.8	2.3	2.4	-
Polishing, sanitation, and finishing preparations	2842,3	41.1	43.0	42.1	41.7	-	2.1	2.9	3.3	2.7	-
Paints and allied products	285	41.6	42.9	41.6	42.1	-	3.8	4.4	3.6	3.8	-
Industrial organic chemicals	286	43.3	43.1	43.4	43.5	-	3.5	3.9	4.2	4.5	-
Cyclic crudes and intermediates	2865	43.6	43.1	43.7	43.2	-	4.3	4.7	4.8	4.7	-
Gum, wood, and industrial organic chemicals, nec	2861,9	43.2	43.1	43.3	43.6	-	3.3	3.6	4.0	4.4	-
Agricultural chemicals	287	43.6	42.0	42.8	42.6	-	4.8	3.7	5.0	4.7	-
Miscellaneous chemical products	289	41.9	42.3	41.6	41.2	-	3.2	3.2	3.3	3.3	-
Petroleum and coal products	29	41.7	42.7	43.5	43.1	43.8	3.8	4.3	4.3	3.8	-
Petroleum refining	291	41.4	42.3	43.8	42.9	-	3.5	3.9	4.0	3.0	-
Paving and roofing materials	295	43.2	44.8	43.5	44.5	-	5.7	6.6	6.0	7.0	-
Rubber and misc. plastics products	30	40.9	41.2	41.1	41.1	41.1	3.2	3.6	3.5	3.6	-
Tires and inner tubes	301	41.3	41.5	41.9	42.3	-	3.2	3.3	3.9	4.9	-
Rubber and plastics footwear	302	39.2	38.2	39.2	38.4	-	1.2	.9	1.7	.9	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	42.0	42.8	42.8	42.7	-	3.2	3.9	3.5	3.5	-
Fabricated rubber products, nec	306	40.7	41.0	41.0	40.9	-	2.8	3.0	3.1	3.0	-
Miscellaneous plastics products	307	40.8	41.2	41.0	41.0	-	3.4	3.8	3.6	3.6	-
Leather and leather products	31	37.4	37.9	36.3	36.6	37.3	1.4	1.6	1.1	1.1	-
Leather tanning and finishing	311	41.4	41.8	40.8	41.3	-	3.6	3.6	3.5	3.4	-
Footwear, except rubber	314	36.6	37.5	35.2	35.7	-	1.3	1.5	.7	.8	-
Men's footwear, except athletic	3143	35.6	36.4	35.2	35.4	-	1.0	1.1	.6	.7	-
Women's footwear, except athletic	3144	37.3	38.2	34.9	35.7	-	1.4	1.9	.7	.8	-
Luggage	316	38.8	39.9	39.6	39.4	-	1.4	1.5	2.5	1.9	-
Handbags and personal leather goods	317	36.8	37.1	36.4	36.5	-	.7	.9	.5	.4	-
Transportation and public utilities		39.3	39.8	39.0	38.9	39.4	-	-	-	-	-
Railroad transportation:											
Class I railroads ²	4011	43.2	45.5	41.7	42.0	-	-	-	-	-	-
Local and interurban passenger transit	41	34.5	34.4	34.2	34.7	-	-	-	-	-	-
Local and suburban transportation	411	38.2	38.1	38.7	38.2	-	-	-	-	-	-
Intercity highway transportation	413	38.1	38.8	39.0	39.2	-	-	-	-	-	-
Trucking and warehousing	42	38.5	38.9	37.9	38.1	-	-	-	-	-	-
Trucking and trucking terminals	421,3	38.6	39.0	38.0	38.1	-	-	-	-	-	-
Public warehousing	422	37.8	38.1	37.4	38.3	-	-	-	-	-	-
Pipe lines, except natural gas	46	41.4	42.0	40.3	40.1	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1985	June 1985	Apr. 1986	May 1986 ^a	June 1986 ^a	May 1985	June 1985	Apr. 1986	May 1986 ^a	June 1986 ^a
Nondurable goods—Continued											
Printing and publishing	27	\$9.62	\$9.63	\$9.87	\$9.92	\$9.90	\$358.83	\$359.20	\$374.07	\$374.98	\$373.23
Newspapers	271	9.81	9.75	9.97	10.04	-	329.62	328.58	334.00	340.36	-
Periodicals	272	10.09	10.07	10.59	10.68	-	380.39	377.63	405.60	403.70	-
Books	273	8.52	8.64	8.57	8.65	-	329.72	329.18	347.09	349.46	-
Book publishing	2731	8.06	8.14	7.92	8.08	-	310.31	310.13	312.84	323.20	-
Book printing	2732	9.14	9.33	9.52	9.50	-	355.55	355.47	400.79	388.55	-
Miscellaneous publishing	274	8.78	8.82	8.79	8.86	-	318.71	321.93	316.44	320.73	-
Commercial printing	275	9.92	9.94	10.18	10.24	-	378.94	379.71	399.06	399.36	-
Commercial printing, letterpress	2751	9.49	9.49	9.76	9.78	-	358.72	361.57	376.74	374.57	-
Commercial printing, lithographic	2752	10.07	10.11	10.35	10.41	-	385.68	385.19	406.76	408.07	-
Manifold business forms	276	9.85	9.98	10.35	10.33	-	394.99	409.18	418.14	421.46	-
Blankbooks and bookbinding	278	7.61	7.57	7.82	7.82	-	290.70	292.96	298.72	299.51	-
Printing trade services	279	11.36	11.44	11.92	11.93	-	443.04	445.02	466.07	458.11	-
Chemicals and allied products	28	11.44	11.51	11.82	11.88	11.90	479.34	484.57	495.26	498.96	499.80
Industrial inorganic chemicals	281	12.70	12.71	12.99	13.11	-	530.86	531.28	540.38	544.07	-
Industrial inorganic chemicals, nec	2819	12.75	12.78	13.06	13.16	-	531.68	535.48	549.63	550.09	-
Plastics materials and synthetics	282	11.61	11.76	12.03	12.01	-	494.59	498.62	506.46	510.43	-
Plastics materials and resins	2821	12.53	12.71	13.12	13.19	-	542.55	555.43	569.41	571.13	-
Organic fibers, noncellulosic	2824	11.27	11.39	11.72	11.54	-	486.86	482.94	487.55	491.60	-
Drugs	283	10.65	10.69	11.02	11.07	-	433.46	444.70	455.13	456.08	-
Pharmaceutical preparations	2834	10.33	10.44	10.74	10.79	-	420.43	434.30	443.56	446.71	-
Soap, cleaners, and toilet goods	284	10.19	10.25	10.59	10.71	-	412.70	423.33	432.07	442.32	-
Soap and other detergents	2841	13.03	13.26	13.65	13.80	-	556.38	586.09	589.68	608.58	-
Toilet preparations	2844	8.59	8.55	8.89	9.02	-	334.15	332.60	344.04	355.39	-
Polishing, sanitation, and finishing preparations	2842,3	9.71	9.73	9.98	9.97	-	399.08	418.39	420.16	415.75	-
Paints and allied products	285	10.06	10.08	10.34	10.36	-	418.50	432.43	430.14	436.16	-
Industrial organic chemicals	286	13.86	13.93	14.13	14.29	-	600.14	600.38	613.24	621.62	-
Cyclic crudes and intermediates	2865	13.28	13.27	13.95	14.23	-	579.01	571.94	609.62	614.74	-
Gum, wood, and industrial organic chemicals, nec	2861,9	14.05	14.14	14.19	14.31	-	606.96	609.43	614.43	623.92	-
Agricultural chemicals	287	10.58	10.94	10.92	10.82	-	461.29	459.48	467.38	460.93	-
Miscellaneous chemical products	289	10.51	10.51	11.12	11.09	-	440.37	444.57	462.59	456.91	-
Petroleum and coal products	29	14.02	13.99	14.16	14.00	14.03	584.63	597.37	615.96	603.40	614.51
Petroleum refining	291	15.31	15.28	15.35	15.18	-	633.83	646.34	672.33	651.22	-
Paving and roofing materials	295	10.46	10.55	10.65	10.96	-	451.87	472.64	463.28	487.72	-
Rubber and misc. plastics products	30	8.47	8.51	8.68	8.74	8.76	346.42	350.61	356.75	359.21	360.04
Tires and inner tubes	301	12.96	13.13	13.47	13.78	-	535.25	544.90	564.39	582.89	-
Rubber and plastics footwear	302	5.57	5.56	6.04	5.95	-	218.34	212.39	236.77	228.48	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	8.32	8.37	8.48	8.59	-	349.44	358.24	362.94	366.79	-
Fabricated rubber products, nec	306	8.26	8.30	8.54	8.56	-	336.18	340.30	350.14	350.10	-
Miscellaneous plastics products	307	7.87	7.93	8.08	8.12	-	321.10	326.72	331.28	332.92	-
Leather and leather products	31	5.83	5.83	5.89	5.89	5.87	218.04	220.96	213.81	215.57	218.95
Leather tanning and finishing	311	7.69	7.71	7.57	7.66	-	318.37	322.28	308.86	316.36	-
Footwear, except rubber	314	5.51	5.52	5.60	5.58	-	201.67	207.00	197.12	199.21	-
Men's footwear, except athletic	3143	5.86	5.85	5.95	5.93	-	208.62	212.94	209.44	209.92	-
Women's footwear, except athletic	3144	5.29	5.32	5.32	5.31	-	197.32	203.22	185.67	189.57	-
Luggage	316	6.42	6.49	6.28	6.20	-	249.10	258.95	248.69	244.28	-
Handbags and personal leather goods	317	5.68	5.65	5.63	5.65	-	209.02	209.62	204.93	206.23	-
Transportation and public utilities		11.25	11.34	11.55	11.52	11.58	442.13	451.33	450.45	448.13	456.25
Railroad transportation:											
Class I railroads ³	4011	13.42	13.68	13.59	13.62	-	579.74	622.44	566.70	572.04	-
Local and interurban passenger transit	41	7.55	7.69	7.91	7.91	-	260.48	264.54	270.52	274.48	-
Local and suburban transportation	411	8.10	8.12	8.37	8.34	-	309.42	309.37	323.92	318.59	-
Intercity highway transportation	413	11.17	11.19	11.76	11.71	-	425.58	434.17	458.64	459.03	-
Trucking and warehousing	42	10.51	10.49	10.79	10.76	-	404.64	408.06	408.94	409.96	-
Trucking and trucking terminals	421,3	10.67	10.64	10.94	10.91	-	411.86	414.96	415.72	415.67	-
Public warehousing	422	8.20	8.23	8.49	8.54	-	309.96	313.56	317.53	327.08	-
Pipe lines, except natural gas	46	15.11	15.02	15.20	15.05	-	625.55	630.84	612.56	603.51	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Transportation and public utilities—Continued											
Communication	48	39.8	40.3	39.8	39.7	-	-	-	-	-	-
Telephone communication	481	40.5	41.2	41.0	41.0	-	-	-	-	-	-
Radio and television broadcasting	483	37.0	37.1	36.7	36.7	-	-	-	-	-	-
Electric, gas, and sanitary services	49	41.5	41.7	41.9	41.7	-	-	-	-	-	-
Electric services	491	41.6	41.9	42.0	41.9	-	-	-	-	-	-
Gas production and distribution	492	40.4	40.6	40.8	40.3	-	-	-	-	-	-
Combination utility services	493	42.3	42.4	42.2	41.9	-	-	-	-	-	-
Sanitary services	495	42.1	42.5	43.5	43.3	-	-	-	-	-	-
Wholesale trade		38.5	38.6	38.3	38.4	38.5	-	-	-	-	-
Durable goods	50	38.9	39.1	38.8	38.8	-	-	-	-	-	-
Motor vehicles and automotive equipment	501	38.2	38.4	38.4	38.4	-	-	-	-	-	-
Furniture and home furnishings	502	37.4	37.7	36.8	36.8	-	-	-	-	-	-
Lumber and construction materials	503	39.9	39.8	39.4	39.9	-	-	-	-	-	-
Sporting goods, toys, and hobby goods	504	37.3	37.2	36.5	36.6	-	-	-	-	-	-
Metals and minerals, except petroleum	505	39.8	40.8	40.0	40.4	-	-	-	-	-	-
Electrical goods	506	38.7	38.8	38.4	38.2	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	38.6	39.0	38.4	38.4	-	-	-	-	-	-
Machinery, equipment, and supplies	508	39.4	39.5	39.4	39.4	-	-	-	-	-	-
Miscellaneous durable goods	509	37.8	37.9	37.7	37.4	-	-	-	-	-	-
Nondurable goods	51	38.0	38.0	37.6	37.8	-	-	-	-	-	-
Paper and paper products	511	38.5	39.0	36.9	37.3	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	37.4	37.8	37.0	36.9	-	-	-	-	-	-
Apparel, piece goods, and notions	513	35.5	36.2	36.0	36.1	-	-	-	-	-	-
Groceries and related products	514	38.3	38.5	37.8	38.2	-	-	-	-	-	-
Chemicals and allied products	516	38.9	39.0	39.1	39.2	-	-	-	-	-	-
Petroleum and petroleum products	517	39.4	39.6	39.1	39.0	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	36.1	36.3	35.9	36.4	-	-	-	-	-	-
Miscellaneous nondurable goods	519	38.1	37.5	37.6	37.7	-	-	-	-	-	-
Retail trade		29.5	29.9	28.9	29.1	29.6	-	-	-	-	-
Building materials and garden supplies	52	36.5	36.9	36.2	36.4	-	-	-	-	-	-
Lumber and other building materials	521	38.2	38.6	38.2	38.4	-	-	-	-	-	-
Hardware stores	525	33.3	33.8	32.7	32.6	-	-	-	-	-	-
General merchandise stores	53	28.7	29.1	28.1	28.3	-	-	-	-	-	-
Department stores	531	28.7	29.0	27.9	28.2	-	-	-	-	-	-
Variety stores	533	29.3	29.9	29.2	29.2	-	-	-	-	-	-
Misc. general merchandise stores	539	28.7	29.6	28.9	29.0	-	-	-	-	-	-
Food stores	54	30.1	31.0	29.6	30.0	-	-	-	-	-	-
Grocery stores	541	30.4	31.2	29.8	30.2	-	-	-	-	-	-
Retail bakeries	546	28.2	28.9	28.8	29.0	-	-	-	-	-	-
Automotive dealers and service stations	55	36.9	37.2	36.4	36.5	-	-	-	-	-	-
New and used car dealers	551,2	37.8	38.1	37.3	37.3	-	-	-	-	-	-
Auto and home supply stores	553	39.9	40.1	39.2	39.3	-	-	-	-	-	-
Gasoline service stations	554	34.3	34.7	33.9	34.1	-	-	-	-	-	-
Apparel and accessory stores	56	27.1	27.8	26.7	26.6	-	-	-	-	-	-
Men's and boys' clothing and furnishings	561	29.9	30.6	29.2	29.2	-	-	-	-	-	-
Women's ready-to-wear stores	562	26.4	26.9	25.5	25.3	-	-	-	-	-	-
Family clothing stores	565	27.2	28.1	26.9	27.1	-	-	-	-	-	-
Shoe stores	566	26.3	27.6	27.4	27.1	-	-	-	-	-	-
Furniture and home furnishings stores	57	33.5	34.0	32.7	32.5	-	-	-	-	-	-
Furniture and home furnishings stores	571	33.8	34.1	32.8	32.5	-	-	-	-	-	-
Household appliance stores	572	34.3	34.7	33.4	33.3	-	-	-	-	-	-
Radio, television, and music stores	573	32.8	33.4	32.2	32.2	-	-	-	-	-	-
Eating and drinking places ⁴	58	25.9	26.3	25.3	25.4	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1985	June 1985	Apr. 1986	May 1986 ²	June 1986 ²	May 1985	June 1985	Apr. 1986	May 1986 ²	June 1986 ²
Transportation and public utilities—Continued											
Communication	48	\$11.52	\$11.59	\$12.04	\$12.02	-	\$458.50	\$467.08	\$479.19	\$477.19	-
Telephone communication	481	12.20	12.27	12.70	12.70	-	494.10	505.52	520.70	520.70	
Radio and television broadcasting	483	10.06	10.14	10.97	10.86	-	372.22	376.19	402.60	398.56	
Electric, gas, and sanitary services	49	12.70	12.75	13.24	13.30	-	527.05	531.68	554.76	554.61	-
Electric services	491	12.87	12.90	13.31	13.42	-	535.39	540.51	559.02	562.30	
Gas production and distribution	492	11.58	11.57	12.33	12.37	-	467.83	469.74	503.06	498.51	
Combination utility services	493	14.77	14.93	15.47	15.50	-	624.77	633.03	652.83	649.45	
Sanitary services	495	9.29	9.29	9.57	9.59	-	391.11	394.83	416.30	415.25	
Wholesale trade		9.13	9.16	9.29	9.28	\$9.33	351.51	353.58	355.81	356.35	\$359.21
Durable goods	50	9.21	9.25	9.41	9.41	-	358.27	361.68	365.11	365.11	
Motor vehicles and automotive equipment	501	8.28	8.26	8.39	8.40	-	316.30	317.18	322.18	322.56	
Furniture and home furnishings	502	8.38	8.32	8.48	8.48	-	313.41	313.66	312.06	312.06	
Lumber and construction materials	503	8.62	8.61	8.86	8.93	-	343.94	342.68	349.08	356.31	
Sporting goods, toys, and hobby goods	504	9.51	9.37	9.78	9.71	-	354.72	348.56	356.97	355.39	
Metals and minerals, except petroleum	505	9.96	10.08	10.20	10.23	-	396.41	411.26	408.00	413.29	
Electrical goods	506	9.68	9.65	9.71	9.74	-	374.62	374.42	372.86	372.07	
Hardware, plumbing, and heating equipment	507	8.66	8.68	8.89	8.94	-	334.28	338.52	341.38	343.30	
Machinery, equipment, and supplies	508	9.71	9.83	9.99	9.97	-	382.57	388.29	393.61	392.82	
Miscellaneous durable goods	509	7.51	7.50	7.56	7.55	-	283.88	284.25	285.01	282.37	
Nondurable goods	51	9.00	9.03	9.10	9.10	-	342.00	343.14	342.16	343.98	
Paper and paper products	511	10.03	9.81	9.99	9.94	-	386.16	382.59	368.63	370.76	
Drugs, proprietaries, and sundries	512	9.84	10.08	10.49	10.53	-	368.02	381.02	388.13	388.56	
Apparel, piece goods, and notions	513	8.69	8.61	8.82	8.82	-	308.50	311.68	317.52	318.40	
Groceries and related products	514	9.18	9.20	9.15	9.11	-	351.59	354.20	345.87	348.00	
Chemicals and allied products	516	10.85	10.88	11.36	11.37	-	422.07	424.32	444.18	445.70	
Petroleum and petroleum products	517	9.69	9.71	9.64	9.56	-	381.79	384.52	376.92	372.84	
Beer, wine, and distilled beverages	518	10.88	10.87	10.84	11.02	-	392.77	394.58	389.16	401.13	
Miscellaneous nondurable goods	519	7.20	7.23	7.44	7.43	-	274.32	271.13	279.74	280.11	
Retail trade		5.93	5.91	6.01	6.00	5.99	174.94	176.71	173.69	174.60	177.30
Building materials and garden supplies	52	6.54	6.56	6.75	6.76	-	238.71	242.06	244.35	246.06	
Lumber and other building materials	521	6.94	6.93	7.12	7.11	-	265.11	267.50	271.98	273.02	
Hardware stores	525	5.65	5.64	5.77	5.76	-	188.15	190.63	188.68	187.78	
General merchandise stores	53	5.91	5.89	6.30	6.31	-	169.62	171.40	177.03	178.57	
Department stores	531	6.14	6.11	6.58	6.60	-	176.22	177.19	183.58	186.12	
Variety stores	533	4.58	4.57	4.68	4.68	-	134.19	136.64	136.66	136.66	
Misc. general merchandise stores	539	4.83	4.85	4.89	4.89	-	138.62	143.56	141.32	141.81	
Food stores	54	7.39	7.33	7.12	7.05	-	222.44	227.23	210.75	211.50	
Grocery stores	541	7.63	7.56	7.32	7.24	-	231.95	235.87	218.14	218.65	
Retail bakeries	546	5.38	5.38	5.47	5.47	-	151.72	155.48	157.54	158.63	
Automotive dealers and service stations	55	7.43	7.45	7.56	7.59	-	274.17	277.14	275.18	277.04	
New and used car dealers	551,2	9.13	9.17	9.19	9.29	-	345.11	349.38	342.79	346.52	
Auto and home supply stores	553	6.36	6.42	6.59	6.53	-	253.76	257.44	258.33	256.63	
Gasoline service stations	554	5.27	5.26	5.39	5.40	-	180.76	182.52	182.72	184.14	
Apparel and accessory stores	56	5.29	5.25	5.36	5.36	-	143.36	145.95	143.11	142.58	
Men's and boys' clothing and furnishings	561	6.32	6.38	6.19	6.28	-	188.97	195.23	180.75	183.38	
Women's ready-to-wear stores	562	5.00	4.91	5.08	5.05	-	132.00	132.08	129.54	127.77	
Family clothing stores	565	5.16	5.23	5.30	5.33	-	140.35	146.96	142.57	144.44	
Shoe stores	566	5.42	5.31	5.44	5.40	-	142.55	146.56	149.06	146.34	
Furniture and home furnishings stores	57	7.16	7.09	7.24	7.25	-	239.86	241.06	236.75	235.63	
Furniture and home furnishings stores	571	7.16	7.13	7.28	7.29	-	242.01	243.13	238.78	236.93	
Household appliance stores	572	7.42	7.33	7.33	7.36	-	254.51	254.35	244.82	245.09	
Radio, television, and music stores	573	7.06	6.92	7.13	7.16	-	231.57	231.13	229.59	230.55	
Eating and drinking places ⁴	58	4.33	4.31	4.34	4.34	-	112.15	113.35	109.80	110.24	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Retail trade—Continued											
Miscellaneous retail	59	30.8	31.0	30.0	30.3	-	-	-	-	-	-
Drug stores and proprietary stores	591	29.2	29.9	28.1	28.3	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	28.9	29.5	28.3	28.4	-	-	-	-	-	-
Nonstore retailers	596	33.3	33.3	32.6	33.0	-	-	-	-	-	-
Fuel and ice dealers	598	37.2	37.6	37.6	37.9	-	-	-	-	-	-
Retail stores, nec	599	32.8	32.0	31.8	32.9	-	-	-	-	-	-
Finance, insurance, and real estate⁵		36.4	36.7	36.4	36.3	36.7	-	-	-	-	-
Banking	60	36.3	36.7	36.4	36.2	-	-	-	-	-	-
Commercial and stock savings banks	602	36.3	36.8	36.4	36.2	-	-	-	-	-	-
Credit agencies other than banks	61	37.2	37.7	37.4	37.3	-	-	-	-	-	-
Savings and loan associations	612	36.7	37.4	36.5	36.2	-	-	-	-	-	-
Personal credit institutions	614	37.5	37.6	37.4	37.5	-	-	-	-	-	-
Insurance carriers	63	37.2	37.4	37.6	37.4	-	-	-	-	-	-
Life insurance	631	36.9	37.1	37.0	36.7	-	-	-	-	-	-
Medical service and health insurance	632	38.2	38.3	38.0	37.9	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	36.9	37.2	37.6	37.5	-	-	-	-	-	-
Services		32.4	32.7	32.4	32.4	32.7	-	-	-	-	-
Hotels and other lodging places:											
Hotels, motels, and tourist courts ⁴	701	30.2	30.4	30.6	30.6	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services	721	34.4	34.1	34.1	34.3	-	-	-	-	-	-
Beauty shops ⁴	723	29.8	29.8	29.5	30.0	-	-	-	-	-	-
Business services	73	33.6	33.8	33.6	33.7	-	-	-	-	-	-
Advertising	731	36.1	36.1	36.3	36.4	-	-	-	-	-	-
Services to buildings	734	28.5	28.6	28.5	28.7	-	-	-	-	-	-
Computer and data processing services	737	38.7	38.7	39.1	38.1	-	-	-	-	-	-
Auto repair, services, and garages	75	37.4	37.7	37.3	37.5	-	-	-	-	-	-
Automotive repair shops	753	38.5	38.7	38.5	38.8	-	-	-	-	-	-
Miscellaneous repair services	76	38.5	38.7	38.0	38.1	-	-	-	-	-	-
Motion pictures	78	26.8	28.2	26.9	26.6	-	-	-	-	-	-
Motion picture production and services	781	35.3	37.3	34.2	34.8	-	-	-	-	-	-
Amusement and recreation services	79	28.8	29.9	27.7	27.8	-	-	-	-	-	-
Health services	80	32.3	32.6	32.3	32.3	-	-	-	-	-	-
Offices of physicians	801	30.6	30.8	30.8	30.7	-	-	-	-	-	-
Offices of dentists	802	28.7	28.5	28.1	28.0	-	-	-	-	-	-
Nursing and personal care facilities	805	30.8	31.3	31.0	31.0	-	-	-	-	-	-
Hospitals	806	34.1	34.4	34.2	34.1	-	-	-	-	-	-
Legal services	81	34.2	34.7	34.7	34.5	-	-	-	-	-	-
Miscellaneous services	89	38.5	38.3	39.6	38.4	-	-	-	-	-	-
Engineering and architectural services	891	39.7	39.6	39.7	39.5	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	893	37.5	36.9	40.4	37.2	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Retail trade—Continued											
Miscellaneous retail	59	\$5.89	\$5.89	\$6.10	\$6.10	-	\$181.41	\$182.59	\$183.00	\$184.83	-
Drug stores and proprietary stores	591	5.40	5.39	5.58	5.61	-	157.68	161.16	156.80	158.76	-
Miscellaneous shopping goods stores	594	5.55	5.53	5.74	5.75	-	160.40	163.14	162.44	163.30	-
Nonstore retailers	596	6.53	6.57	6.90	6.90	-	217.45	218.78	224.94	227.70	-
Fuel and ice dealers	598	8.32	8.29	8.62	8.58	-	309.50	311.70	324.11	325.18	-
Retail stores, nec	599	6.16	6.22	6.32	6.22	-	202.05	199.04	200.98	204.64	-
Finance, insurance, and real estate²		7.85	7.96	8.29	8.33	\$8.43	285.74	292.13	301.76	302.38	\$309.38
Banking	60	6.76	6.81	7.13	7.14	-	245.39	249.93	259.53	258.47	-
Commercial and stock savings banks	602	6.61	6.66	6.94	6.95	-	239.94	245.09	252.62	251.59	-
Credit agencies other than banks	61	7.09	7.23	7.49	7.55	-	263.75	272.57	280.13	281.62	-
Savings and loan associations	612	6.56	6.67	7.08	7.10	-	240.75	249.46	258.42	257.02	-
Personal credit institutions	614	6.83	6.97	7.18	7.22	-	256.13	262.07	268.53	270.75	-
Insurance carriers	63	8.56	8.61	8.99	9.02	-	318.43	322.01	338.02	337.35	-
Life insurance	631	8.06	8.10	8.52	8.55	-	297.41	300.51	315.24	313.79	-
Medical service and health insurance	632	8.65	8.76	8.94	8.98	-	330.43	335.51	339.72	340.34	-
Fire, marine, and casualty insurance	633	8.91	8.96	9.36	9.42	-	328.78	333.31	351.94	353.25	-
Services		7.82	7.85	8.12	8.10	8.10	253.37	256.70	263.09	262.44	264.87
Hotels and other lodging places:											
Hotels, motels, and tourist courts ⁴	701	5.84	5.81	5.96	5.97	-	176.37	176.62	182.38	182.68	-
Personal services:											
Laundry, cleaning, and garment services	721	5.75	5.78	5.95	5.93	-	197.80	197.10	202.90	203.40	-
Beauty shops ⁴	723	6.20	6.19	6.10	6.19	-	184.76	184.46	179.95	185.70	-
Business services	73	8.12	8.19	8.41	8.41	-	272.83	276.82	282.58	283.42	-
Advertising	731	10.62	11.02	11.25	11.25	-	383.38	397.82	408.38	409.50	-
Services to buildings	734	6.30	6.30	6.40	6.46	-	179.55	180.18	182.40	185.40	-
Computer and data processing services	737	10.82	10.98	11.40	11.49	-	418.73	424.93	445.74	437.77	-
Auto repair, services, and garages	75	7.40	7.41	7.52	7.55	-	276.76	279.36	280.50	283.13	-
Automotive repair shops	753	7.97	8.01	8.10	8.16	-	306.85	309.99	311.85	316.61	-
Miscellaneous repair services	76	8.61	8.56	8.81	8.82	-	331.49	331.27	334.78	336.04	-
Motion pictures	78	11.27	10.96	12.39	11.81	-	302.04	309.07	333.29	314.15	-
Motion picture production and services	781	15.95	15.95	17.03	16.35	-	563.04	594.94	582.43	568.98	-
Amusement and recreation services	79	6.99	6.71	7.10	6.83	-	201.31	200.63	196.67	189.87	-
Health services	80	7.99	8.02	8.27	8.27	-	258.08	261.45	267.12	267.12	-
Offices of physicians	801	7.80	7.86	8.13	8.11	-	238.68	242.09	250.40	248.98	-
Offices of dentists	802	7.77	7.92	8.25	8.27	-	223.00	225.72	231.83	231.56	-
Nursing and personal care facilities	805	5.55	5.57	5.76	5.77	-	170.94	174.34	178.56	178.87	-
Hospitals	806	8.93	8.95	9.26	9.28	-	304.51	307.88	316.69	316.45	-
Legal services	81	10.24	10.70	10.93	10.92	-	350.21	371.29	379.27	376.74	-
Miscellaneous services	89	11.22	11.42	11.50	11.68	-	431.97	437.39	455.40	448.51	-
Engineering and architectural services	891	12.27	12.29	12.67	12.64	-	487.12	466.68	503.00	499.28	-
Accounting, auditing, and bookkeeping	893	9.30	9.73	9.49	9.76	-	348.75	359.04	383.40	363.07	-

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

² See table C-2a for average hourly earnings in the aircraft industry (SIC 3721).

³ Data relate to line haul railroads with operating revenues of \$50,000,000 or more.

⁴ Money payments only; tips, not included.

⁵ Data for nonoffice sales agents are excluded from all series in this division.

- Data not available.

^p = preliminary.

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

A Note on Average Hourly Earnings in Aircraft Manufacturing

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

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

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

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

payment for payroll periods in the year following the payment.

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

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

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

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

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Average hourly earnings, excluding lump-sum payments												
1983											\$12.76	\$12.83	\$12.93
1984	\$12.91	\$12.82	\$12.88	\$12.85	\$12.81	\$12.78	\$12.87	\$12.89	\$12.87	\$12.97	13.04	13.05	13.13
1985	13.18	13.01	13.12	13.11	13.04	13.06	13.11	13.05	13.16	13.26	13.35	13.37	13.48
1986		13.38	13.44	13.46	13.46	^P 13.37							
Average hourly earnings, including lump-sum payments													
1983											\$12.83	\$12.92	\$13.03
1984	\$13.11	\$12.95	\$13.02	\$13.02	\$12.98	\$12.97	\$13.06	\$13.11	\$13.09	\$13.19	13.26	13.28	13.37
1985	13.40	13.26	13.36	13.33	13.26	13.27	13.33	13.29	13.39	13.48	13.54	13.57	13.68
1986		13.58	13.64	13.66	13.66	^P 13.57							

^P = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Manufacturing	\$9.15	\$9.15	\$9.33	\$9.33	\$9.32
Durable goods	9.67	9.68	9.87	9.88	9.86
Lumber and wood products	7.84	7.91	8.00	8.01	(f)
Furniture and fixtures	6.91	6.97	7.14	7.19	(f)
Stone, clay, and glass products	9.28	9.31	9.45	9.47	(f)
Primary metal industries	11.17	11.15	11.46	11.50	(f)
Fabricated metal products	9.29	9.29	9.47	9.47	(f)
Machinery, except electrical	9.84	9.88	10.16	10.16	(f)
Electrical and electronic equipment	9.12	9.17	9.32	9.34	(f)
Transportation equipment	11.99	12.01	12.21	12.19	(f)
Instruments and related products	8.86	8.87	9.12	9.13	(f)
Miscellaneous manufacturing	7.13	7.12	7.29	7.33	(f)
Nondurable goods	8.37	8.37	8.55	8.56	\$8.56
Food and kindred products	8.24	8.20	8.39	8.39	(f)
Tobacco manufactures	12.45	12.58	12.67	13.03	(f)
Textile mill products	6.45	6.42	6.58	6.57	(f)
Apparel and other textile products	5.60	5.60	5.69	5.66	(f)
Paper and allied products	10.22	10.24	10.49	10.55	(f)
Printing and publishing	9.33	9.34	9.52	9.59	(f)
Chemicals and allied products	11.02	11.06	11.34	11.39	(f)
Petroleum and coal products	13.40	13.31	13.50	13.42	(f)
Rubber and misc. plastics products	8.14	8.16	8.33	8.38	(f)
Leather and leather products	5.72	5.71	5.80	5.80	(f)

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

² Not available.

^p = preliminary.

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

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

Industry	Average hourly earnings					Average weekly earnings				
	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p	May 1985	June 1985	Apr. 1986	May 1986 ^p	June 1986 ^p
Total private:										
Current dollars	\$8.51	\$8.54	\$8.72	\$8.72	\$8.72	\$297.00	\$300.61	\$301.71	\$302.58	\$305.20
Constant (1977) dollars	4.86	4.86	4.94	4.92	(f)	169.62	171.19	170.94	170.85	(f)
Mining:										
Current dollars	11.88	12.02	12.43	12.43	\$12.51	516.78	525.27	522.06	518.33	\$526.67
Constant (1977) dollars	6.78	6.85	7.04	7.02	(f)	295.13	299.13	295.78	292.68	(f)
Construction:										
Current dollars	12.24	12.17	12.29	12.34	\$12.31	466.34	462.46	462.10	468.92	\$467.78
Constant (1977) dollars	6.99	6.93	6.96	6.97	(f)	266.33	263.36	261.81	264.78	(f)
Manufacturing:										
Current dollars	9.49	9.52	9.70	9.71	\$9.70	382.45	387.46	392.85	394.23	\$395.76
Constant (1977) dollars	5.42	5.42	5.50	5.48	(f)	218.42	220.65	222.58	222.60	(f)
Transportation and public utilities:										
Current dollars	11.25	11.34	11.55	11.52	\$11.58	442.13	451.33	450.45	448.13	\$456.25
Constant (1977) dollars	6.42	6.46	6.54	6.51	(f)	252.50	257.02	255.21	253.04	(f)
Wholesale trade:										
Current dollars	9.13	9.16	9.29	9.28	\$9.33	351.51	353.58	355.81	356.35	\$359.21
Constant (1977) dollars	5.21	5.22	5.26	5.24	(f)	200.75	201.36	201.59	201.21	(f)
Retail trade:										
Current dollars	5.93	5.91	6.01	6.00	\$5.99	174.94	176.71	173.69	174.60	\$177.30
Constant (1977) dollars	3.39	3.37	3.41	3.39	(f)	99.91	100.63	98.41	98.59	(f)
Finance, insurance, and real estate:										
Current dollars	7.85	7.96	8.29	8.33	\$8.43	285.74	292.13	301.76	302.38	\$309.38
Constant (1977) dollars	4.48	4.53	4.70	4.70	(f)	163.19	166.36	170.97	170.74	(f)
Services:										
Current dollars	7.82	7.85	8.12	8.10	\$8.10	253.37	256.70	263.09	262.44	\$264.87
Constant (1977) dollars	4.47	4.47	4.60	4.57	(f)	144.70	146.18	149.06	148.19	(f)

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

² Not available.

^p = preliminary.

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

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

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

Industry	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total private	34.9	34.8	34.9	34.9	34.9	34.8	34.9	35.0	34.9	34.9	34.8	34.8	34.8
Mining	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Construction	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Manufacturing	40.5	40.4	40.6	40.7	40.7	40.7	40.9	40.8	40.7	40.7	40.7	40.7	40.6
<i>Overtime hours</i>	3.2	3.2	3.3	3.3	3.4	3.4	3.6	3.5	3.4	3.4	3.4	3.4	3.3
Durable goods	41.2	41.1	41.3	41.3	41.3	41.3	41.6	41.5	41.4	41.4	41.3	41.2	41.2
<i>Overtime hours</i>	3.4	3.4	3.4	3.5	3.5	3.6	3.7	3.6	3.5	3.6	3.6	3.4	3.4
Lumber and wood products	40.1	39.8	40.1	40.1	40.2	39.9	40.2	40.4	40.0	40.2	40.3	40.3	40.2
Furniture and fixtures	39.1	39.0	39.3	39.4	39.5	39.4	39.9	40.0	39.7	39.4	39.1	39.4	39.4
Stone, clay, and glass products	41.9	41.9	42.0	42.0	42.1	41.8	41.8	42.7	41.9	41.9	42.4	42.3	42.4
Primary metal industries	41.5	41.4	41.7	41.5	41.8	41.9	42.1	41.9	42.1	41.9	41.3	41.7	41.6
Blast furnaces and basic steel products ..	41.1	41.2	41.5	41.1	41.6	41.9	41.9	41.7	41.8	41.7	40.5	41.5	41.2
Fabricated metal products	41.4	41.4	41.4	41.5	41.5	41.5	41.6	41.5	41.5	41.4	41.2	41.1	41.0
Machinery, except electrical	41.6	41.4	41.6	41.6	41.5	41.6	41.7	41.6	41.6	41.6	41.8	41.8	41.6
Electrical and electronic equipment	40.6	40.4	40.7	40.5	40.6	40.9	41.1	41.0	40.9	41.0	41.1	41.0	41.0
Transportation equipment	42.4	42.6	42.9	42.9	42.8	42.7	43.0	42.8	42.7	42.7	42.1	42.0	42.2
Motor vehicles and equipment	42.9	43.4	43.7	43.6	43.7	43.6	44.0	43.6	43.4	43.3	41.9	41.9	42.5
Instruments and related products	41.1	40.8	40.9	40.9	40.9	41.0	41.6	41.1	41.2	41.3	41.3	40.8	41.0
Miscellaneous manufacturing	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Nondurable goods	39.5	39.4	39.6	39.8	39.8	39.8	40.0	39.9	39.7	39.8	39.9	39.9	39.8
<i>Overtime hours</i>	3.0	3.0	3.1	3.1	3.2	3.2	3.4	3.3	3.2	3.2	3.3	3.4	3.2
Food and kindred products	39.8	40.0	40.0	40.1	40.2	40.0	40.1	40.1	39.8	39.9	40.2	40.3	40.1
Tobacco manufactures	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Textile mill products	39.5	39.2	40.0	40.5	40.7	40.8	41.0	40.8	40.6	40.7	41.3	41.1	40.5
Apparel and other textile products	36.3	36.4	36.4	36.6	36.6	36.8	36.8	36.7	36.3	36.5	36.9	36.5	36.7
Paper and allied products	42.9	42.9	43.1	43.1	43.2	43.3	43.5	43.6	43.5	43.5	43.0	43.2	43.3
Printing and publishing	37.6	37.5	37.9	37.9	37.9	37.9	38.1	38.0	38.0	38.0	38.0	38.0	38.0
Chemicals and allied products	41.9	41.8	41.9	41.7	41.8	41.9	42.0	41.9	41.8	41.9	41.9	42.0	41.8
Petroleum and coal products	42.7	43.0	43.3	43.3	44.2	43.2	43.6	43.5	43.7	43.8	43.6	43.3	43.8
Rubber and misc. plastics products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Leather and leather products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Transportation and public utilities	39.5	39.3	39.5	39.5	39.5	39.4	39.5	39.4	39.5	39.6	39.2	39.1	39.1
Wholesale trade	38.5	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.4	38.5	38.5	38.4	38.3
Retail trade	29.5	29.4	29.4	29.4	29.3	29.3	29.2	29.3	29.3	29.3	29.2	29.2	29.2
Finance, insurance, and real estate	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Services	32.5	32.4	32.5	32.4	32.5	32.4	32.5	32.6	32.6	32.5	32.5	32.5	32.5

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

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

components and consequently cannot be separated with sufficient precision.

^p = preliminary.

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

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

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

(1977 = 100)

Industry	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total private	115.2	115.0	115.7	115.9	116.3	116.4	116.8	117.8	117.5	117.4	117.8	117.7	117.5
Goods-producing	98.3	98.2	98.7	98.6	99.0	98.9	99.3	100.6	98.8	98.5	99.4	98.9	98.2
Mining	107.9	106.2	105.8	104.9	104.2	103.4	102.8	104.5	99.3	95.0	90.2	84.7	82.8
Construction	123.5	124.8	125.4	126.8	127.7	126.2	126.4	134.1	126.3	126.6	133.7	133.1	130.8
Manufacturing	93.0	92.7	93.2	92.9	93.2	93.3	94.0	93.9	93.5	93.3	93.2	92.9	92.6
Durable goods	92.6	92.0	92.4	91.8	92.2	92.2	92.7	92.6	92.1	91.7	91.5	91.1	90.6
Lumber and wood products	94.7	95.0	96.2	96.4	97.1	96.7	97.8	99.1	98.1	98.6	99.3	99.5	99.4
Furniture and fixtures	102.8	102.6	104.2	103.6	104.2	104.2	105.5	105.7	104.9	104.4	103.6	105.2	105.2
Stone, clay, and glass products	86.1	86.1	86.5	86.3	86.7	86.3	86.5	89.1	87.4	87.4	89.2	88.8	89.1
Primary metal industries	67.1	66.4	66.1	65.6	66.2	66.9	67.6	66.7	66.8	65.6	64.7	64.8	62.9
Blast furnaces and basic steel products	54.3	54.1	52.7	52.2	53.3	55.6	56.3	53.4	55.1	53.6	51.8	52.6	53.2
Fabricated metal products	91.5	91.3	91.3	91.2	91.3	91.1	91.2	91.0	90.6	90.2	90.1	89.5	89.0
Machinery, except electrical	92.7	91.4	91.5	90.8	90.6	90.4	90.3	90.2	89.6	89.3	89.4	88.9	87.9
Electrical and electronic equipment	106.2	104.8	105.2	103.4	103.7	104.2	104.4	103.8	103.2	102.9	103.0	102.9	101.4
Transportation equipment	96.8	96.9	98.0	97.3	98.2	98.1	99.0	98.2	97.9	97.1	95.6	94.3	94.9
Motor vehicles and equipment	89.6	89.9	91.5	89.9	91.9	91.0	92.8	92.1	89.4	88.4	85.3	83.5	84.3
Instruments and related products	106.1	104.8	105.1	104.5	104.2	104.5	106.3	105.3	105.8	106.1	106.1	104.3	104.8
Miscellaneous manufacturing	80.6	78.9	79.9	80.1	80.3	80.4	81.3	82.4	82.4	81.8	81.6	81.2	82.3
Nondurable goods	93.7	93.8	94.3	94.5	94.8	95.1	95.8	95.9	95.5	95.7	95.8	95.6	95.6
Food and kindred products	96.6	96.4	96.7	96.9	97.3	97.0	98.2	98.2	98.2	98.4	99.1	99.8	100.4
Tobacco manufactures	83.5	78.3	82.5	84.9	85.0	78.3	84.5	85.2	82.8	85.4	81.6	81.0	80.8
Textile mill products	74.7	73.9	75.4	76.2	76.7	77.2	77.7	77.6	77.3	77.8	78.4	78.4	77.4
Apparel and other textile products	84.4	85.7	85.3	86.0	86.1	86.7	87.2	87.3	85.5	85.4	86.6	85.1	85.2
Paper and allied products	99.6	99.6	100.3	100.1	100.5	101.4	101.8	102.3	102.0	102.0	101.0	101.7	102.1
Printing and publishing	122.2	122.6	124.2	124.1	124.2	125.0	126.3	126.4	127.0	127.4	127.8	127.7	128.0
Chemicals and allied products	94.4	94.0	94.0	93.7	93.8	93.7	93.9	93.4	93.3	93.4	93.2	92.8	92.7
Petroleum and coal products	82.2	82.8	83.4	80.3	81.9	80.9	80.8	80.6	81.0	80.4	80.1	80.3	81.2
Rubber and misc. plastics products	108.3	108.3	108.7	109.0	109.7	110.7	111.6	112.4	112.1	112.7	111.8	111.6	111.2
Leather and leather products	62.6	63.7	63.4	63.9	64.1	63.3	63.3	62.6	61.3	60.9	58.5	57.3	56.6
Service-producing	124.6	124.4	125.0	125.4	125.8	126.0	126.5	127.3	127.8	127.8	127.9	128.1	128.1
Transportation and public utilities	107.0	106.6	106.8	107.5	107.7	107.7	108.1	107.9	108.0	108.2	106.8	106.6	104.3
Wholesale trade	118.1	117.9	118.4	118.5	118.9	118.9	119.1	119.9	119.8	120.1	120.6	120.2	118.9
Retail trade	116.3	116.0	116.3	116.4	116.5	116.8	116.5	117.8	118.3	118.4	118.1	118.4	118.4
Finance, insurance, and real estate	130.6	129.4	130.2	131.4	131.2	131.9	133.5	133.3	135.4	135.6	135.4	135.6	137.3
Services	138.5	138.7	139.9	140.1	141.2	141.4	142.3	143.2	143.7	143.5	144.2	144.8	145.5

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

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from

March 1985 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1982 forward are subject to revision. Indexes for motor vehicles and equipment for June 1985 through February 1986 have been corrected. The corrected index for May 1985 is 91.3.

**ESTABLISHMENT DATA
EARNINGS
SEASONALLY ADJUSTED**

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

Industry	1985							1986					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Hourly Earnings Index ² (1977=100)													
Total private (in current dollars)	165.2	165.0	165.5	166.4	166.2	166.8	167.7	167.3	168.2	168.5	168.4	168.6	169.4
Mining	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Construction	149.8	149.9	150.3	150.7	150.4	150.3	151.2	149.7	149.7	149.2	150.6	151.2	151.4
Manufacturing	168.7	169.0	169.4	169.5	169.7	170.2	171.0	170.7	171.3	171.8	172.0	172.4	172.7
Transportation and public utilities	166.4	166.2	166.6	167.9	167.4	168.5	169.1	168.6	169.6	170.2	169.3	169.7	170.9
Wholesale trade	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Retail trade	155.2	155.3	155.7	156.8	156.4	156.6	157.5	157.0	157.3	157.4	157.3	157.0	157.7
Finance, insurance, and real estate	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Services	168.7	167.7	168.9	168.8	169.9	170.9	171.6	171.7	173.1	174.0	173.1	173.2	174.5
Total private (in constant dollars) ⁴	94.2	93.9	94.1	94.4	94.0	93.9	94.0	93.5	94.4	95.1	95.4	95.4	(^q)
Average hourly earnings													
Total private	\$8.57	\$8.55	\$8.59	\$8.62	\$8.63	\$8.65	\$8.70	\$8.68	\$8.71	\$8.73	\$8.72	\$8.73	\$8.75
Mining	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Construction	\$12.29	\$12.29	\$12.32	\$12.35	\$12.33	\$12.34	\$12.40	\$12.25	\$12.29	\$12.23	\$12.34	\$12.39	\$12.43
Manufacturing	9.53	9.54	9.57	9.58	9.61	9.63	9.68	9.65	9.68	9.70	9.68	9.72	9.71
Transportation and public utilities	11.40	11.39	11.43	11.49	11.47	11.52	11.56	11.56	11.62	11.65	11.58	11.60	11.64
Wholesale trade	9.18	9.15	9.17	9.20	9.19	9.24	9.30	9.22	9.34	9.36	9.27	9.28	9.36
Retail trade	5.92	5.93	5.94	5.98	5.96	5.97	6.02	5.99	5.99	6.01	5.99	5.99	6.00
Finance, insurance, and real estate	7.98	7.91	7.98	8.04	8.04	8.08	8.14	8.10	8.21	8.27	8.28	8.33	8.46
Services	7.91	7.88	7.93	7.97	7.98	8.02	8.05	8.05	8.11	8.16	8.11	8.12	8.17
Average weekly earnings													
Total private:													
In current dollars	299.09	297.54	299.79	300.84	301.19	301.02	303.63	303.80	303.98	304.68	303.46	303.80	304.50
In constant (1977) dollars ⁴	170.62	169.44	170.43	170.74	170.45	169.49	170.20	169.72	170.58	171.94	171.93	171.83	(^q)

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

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

³ These series are not published seasonally adjusted because the seasonal components are small relative to the trend-cycle and/or irregular

components and consequently cannot be separated with sufficient precision.

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

⁵ Not available.

^p = preliminary.

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

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Alabama	40.7	40.6	41.1	\$8.36	\$8.73	\$8.68	\$340.25	\$354.44	\$356.75
Birmingham	40.0	41.2	42.1	8.82	8.77	8.67	352.80	361.32	365.01
Mobile	42.6	(¹)	(¹)	9.68	(¹)	(¹)	412.37	(¹)	(¹)
Alaska	42.9	41.0	41.0	12.29	\$12.29	\$11.99	527.24	\$503.89	\$491.59
Arizona	40.9	41.0	41.0	9.46	9.79	9.78	386.91	401.39	400.98
Phoenix	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Tucson	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Arkansas	40.0	40.1	40.6	7.50	7.69	7.79	300.00	308.37	316.27
Fayetteville-Springdale	38.2	40.6	41.0	6.57	6.76	6.85	250.97	274.46	280.85
Fort Smith	38.9	40.4	39.9	7.91	8.08	8.09	307.70	326.43	322.79
Little Rock-North Little Rock	40.9	39.7	40.2	8.05	8.36	8.41	329.25	331.69	338.06
Pine Bluff	42.6	(¹)	(¹)	9.39	(¹)	(¹)	400.01	(¹)	(¹)
California	40.0	40.2	40.2	10.06	\$10.26	\$10.26	402.40	\$412.45	\$412.45
Colorado	40.2	40.7	40.4	9.45	9.59	9.60	379.89	390.31	387.84
Denver	40.9	(¹)	(¹)	10.11	(¹)	(¹)	413.50	(¹)	(¹)
Connecticut	41.6	41.9	41.5	9.51	\$9.86	\$9.89	395.62	\$413.13	\$410.44
Bridgeport-Milford	41.3	41.9	41.0	10.04	10.30	10.28	414.65	431.57	421.48
Hartford	41.8	42.0	41.6	9.83	10.25	10.23	410.89	430.50	425.57
New Britain	41.0	(¹)	(¹)	9.64	(¹)	(¹)	395.24	(¹)	(¹)
New Haven-Meriden	41.0	40.9	40.5	9.15	\$9.49	\$9.49	375.15	\$388.14	\$384.35
Stamford	41.9	(¹)	(¹)	9.47	(¹)	(¹)	396.79	(¹)	(¹)
Waterbury	42.5	41.3	42.2	7.98	\$8.42	\$8.38	339.15	\$347.75	\$353.64
Delaware	42.2	40.3	41.8	10.01	9.94	9.95	422.42	400.58	415.91
Wilmington	43.0	40.1	40.5	11.63	11.59	11.82	500.09	464.76	478.71
District of Columbia:									
Washington MSA	37.5	39.2	38.3	10.34	10.30	10.09	387.75	403.76	386.45
Florida	40.8	41.0	41.2	7.79	7.99	7.98	317.83	327.59	328.78
Fort Lauderdale-Hollywood-Pompano Beach	40.5	(¹)	(¹)	7.71	(¹)	(¹)	312.26	(¹)	(¹)
Jacksonville	41.0	42.5	41.7	8.16	\$8.20	\$8.19	334.56	\$348.50	\$341.52
Lakeland-Winter Haven	39.2	(¹)	(¹)	7.70	(¹)	(¹)	301.84	(¹)	(¹)
Miami-Hialeah	37.6	40.2	39.0	6.59	\$6.92	\$6.93	247.78	\$278.18	\$270.27
Orlando	40.7	42.0	42.8	8.35	8.11	8.15	339.85	340.62	348.82
Pensacola	40.6	(¹)	(¹)	9.50	(¹)	(¹)	385.70	(¹)	(¹)
Tampa-St. Petersburg-Clearwater	40.8	39.9	40.3	7.37	\$7.58	\$7.47	300.70	\$302.44	\$301.04
West Palm Beach-Boca Raton-Delray Beach	41.4	(¹)	(¹)	7.82	(¹)	(¹)	323.75	(¹)	(¹)
Georgia	40.0	40.6	40.7	7.84	\$8.29	\$8.23	313.60	\$336.57	\$334.96
Atlanta	40.0	(¹)	(¹)	9.19	(¹)	(¹)	367.60	(¹)	(¹)
Savannah	44.2	(¹)	(¹)	9.96	(¹)	(¹)	440.23	(¹)	(¹)
Hawaii	36.6	38.4	37.7	8.56	\$8.74	\$8.73	313.30	\$335.62	\$329.12
Honolulu	37.4	38.4	38.0	8.55	8.86	8.85	319.77	340.22	336.30
Idaho	37.7	38.4	37.9	9.30	9.30	9.51	350.81	357.12	360.43
Illinois	40.4	40.7	40.8	10.32	10.59	10.61	416.93	431.01	432.89
Aurora-Elgin	39.4	(¹)	(¹)	9.99	(¹)	(¹)	393.61	(¹)	(¹)
Bloomington-Normal	38.8	43.3	40.4	10.44	\$10.94	\$10.74	405.07	\$473.70	\$433.90
Champaign-Urbana-Rantoul	40.9	39.6	40.2	8.92	9.13	9.09	364.83	361.55	365.42
Chicago	41.4	41.7	41.5	10.14	10.37	10.30	419.80	432.43	427.45
Davenport-Rock Island-Moline	39.2	39.7	42.0	12.11	12.43	12.58	474.71	493.47	528.36
Decatur	39.9	42.9	41.2	13.33	13.32	13.29	531.87	571.43	547.55
Joliet	40.4	(¹)	(¹)	11.48	(¹)	(¹)	463.79	(¹)	(¹)
Kankakee	39.8	(¹)	(¹)	10.08	(¹)	(¹)	401.18	(¹)	(¹)
Lake County	39.9	(¹)	(¹)	10.16	(¹)	(¹)	405.38	(¹)	(¹)
Peoria	40.3	45.0	44.5	12.60	\$12.91	\$12.84	507.78	\$580.95	\$571.38
Rockford	41.0	41.7	42.7	10.62	11.08	11.26	435.42	462.04	480.80
Springfield	42.8	41.0	40.6	11.75	11.55	11.44	502.90	473.55	464.46

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Indiana	41.0	41.2	41.4	\$10.62	\$10.86	\$10.85	\$435.42	\$447.43	\$449.19
Gary-Hammond	42.0	(¹)	(¹)	13.91	(¹)	(¹)	584.22	(¹)	(¹)
Indianapolis	40.8	(¹)	(¹)	11.11	(¹)	(¹)	453.29	(¹)	(¹)
Iowa	40.4	40.2	40.5	10.19	\$10.50	\$10.53	411.68	\$422.10	\$426.47
Cedar Rapids	40.4	39.5	40.2	11.23	11.31	11.42	453.69	446.75	459.08
Des Moines	39.0	41.0	41.0	11.45	11.64	11.63	446.55	477.24	476.83
Dubuque	40.0	(¹)	(¹)	11.88	(¹)	(¹)	467.20	(¹)	(¹)
Sioux City	41.4	39.7	43.9	8.16	\$8.30	\$8.54	337.82	\$329.51	\$374.91
Kansas	39.7	40.1	40.5	9.49	9.58	9.62	376.75	384.16	389.61
Topeka	41.4	39.8	41.4	9.96	10.81	10.85	412.34	430.24	449.19
Wichita	38.1	38.5	39.0	10.12	9.97	9.96	385.57	383.85	388.44
Kentucky	39.0	38.7	39.4	9.54	9.76	9.87	372.06	377.71	388.88
Lexington-Fayette	38.4	(¹)	(¹)	10.15	(¹)	(¹)	389.76	(¹)	(¹)
Louisville	40.3	40.2	40.9	10.57	\$10.83	\$10.96	425.97	\$435.37	\$448.26
Louisiana	41.7	40.6	41.0	10.58	10.54	10.52	441.19	427.92	431.32
Baton Rouge	43.4	41.1	42.4	12.51	12.15	12.49	542.93	499.37	529.58
New Orleans	40.7	39.0	39.2	10.86	10.71	10.61	442.00	417.69	415.91
Shreveport	39.5	38.1	38.6	10.37	10.50	10.49	409.62	400.05	404.91
Maine	40.1	40.2	40.5	8.29	8.53	8.57	332.43	342.91	347.09
Lewiston-Auburn	39.5	(¹)	(¹)	6.77	(¹)	(¹)	267.42	(¹)	(¹)
Portland	38.2	39.2	38.4	8.81	\$9.15	\$9.32	336.54	\$358.68	\$357.89
Maryland	39.9	40.2	40.1	9.61	10.02	9.98	383.44	402.80	400.20
Baltimore MSA	40.8	(¹)	(¹)	10.16	(¹)	(¹)	414.53	(¹)	(¹)
Massachusetts	40.2	41.2	41.0	8.97	\$9.18	\$9.21	360.59	\$378.22	\$377.61
Boston	40.4	40.5	40.5	9.56	10.08	10.08	386.22	408.24	408.24
Brockton	39.0	(¹)	(¹)	6.99	(¹)	(¹)	272.61	(¹)	(¹)
Fall River	36.9	(¹)	(¹)	6.87	(¹)	(¹)	253.50	(¹)	(¹)
Lawrence-Haverhill	40.2	(¹)	(¹)	8.72	(¹)	(¹)	350.54	(¹)	(¹)
Lowell	41.4	(¹)	(¹)	8.23	(¹)	(¹)	340.72	(¹)	(¹)
New Bedford	39.1	(¹)	(¹)	7.81	(¹)	(¹)	305.37	(¹)	(¹)
Springfield	41.3	42.4	42.2	8.88	\$8.97	\$8.93	366.74	\$380.33	\$376.85
Worcester	41.0	40.4	40.4	8.93	9.36	9.33	366.13	378.14	376.93
Michigan	43.1	42.4	42.4	12.58	12.81	12.78	542.20	543.14	541.87
Ann Arbor	45.0	43.9	44.1	13.15	13.59	13.79	591.75	596.60	608.14
Battle Creek	41.4	(¹)	(¹)	13.38	(¹)	(¹)	553.10	(¹)	(¹)
Detroit	43.7	43.5	43.7	13.27	\$13.84	\$13.75	579.90	\$602.04	\$600.87
Flint	46.9	42.9	43.0	14.85	14.55	14.59	896.46	624.19	627.37
Grand Rapids	41.1	40.2	40.2	10.42	10.47	10.75	428.26	420.89	432.15
Jackson	41.1	(¹)	(¹)	10.13	(¹)	(¹)	416.34	(¹)	(¹)
Kalamazoo	41.7	43.1	42.9	11.75	\$11.88	\$11.91	489.97	\$512.03	\$510.94
Lansing-East Lansing	42.7	41.5	41.0	14.29	14.37	14.27	610.18	596.35	585.07
Muskegon	40.5	(¹)	(¹)	11.07	(¹)	(¹)	448.33	(¹)	(¹)
Saginaw-Bay City-Midland	44.0	43.5	43.5	13.89	\$13.98	\$13.84	611.16	\$608.13	\$602.04
Minnesota	39.8	40.4	40.1	10.06	10.26	10.25	400.39	414.50	411.03
Duluth	39.5	37.3	39.9	10.76	10.92	10.90	425.02	407.32	434.91
Minneapolis-St. Paul	40.0	40.7	40.4	10.75	10.95	10.98	430.00	445.67	443.59
St. Cloud	40.5	38.8	40.4	9.19	9.20	9.29	372.20	356.96	375.32
Mississippi	40.4	40.2	40.0	7.20	7.44	7.44	290.88	299.09	297.60
Jackson	41.2	40.2	40.6	8.20	8.22	8.22	337.84	330.44	333.73
Missouri	40.3	40.3	40.3	9.47	9.89	9.92	381.64	398.57	399.78
Kansas City	41.7	39.9	40.1	10.97	11.10	11.07	457.45	442.89	443.91
St. Joseph	37.5	(¹)	(¹)	8.80	(¹)	(¹)	330.00	(¹)	(¹)
St. Louis	40.0	40.8	40.7	11.03	\$11.25	\$11.28	441.20	\$459.00	\$459.10
Springfield	38.4	40.6	41.4	8.92	9.02	9.04	342.53	366.21	374.26
Montana	39.7	40.1	40.0	10.81	10.85	10.98	429.16	435.09	439.20

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a
Nebraska	40.5	40.2	40.9	\$8.96	\$9.25	\$9.28	\$362.88	\$371.85	\$379.55
Lincoln	38.3	40.0	40.1	9.26	9.70	9.46	354.66	388.00	379.35
Omaha	40.9	40.3	40.0	9.74	9.73	9.79	398.37	392.12	391.60
Nevada	40.8	39.7	40.4	9.14	9.27	9.32	372.91	368.02	376.53
Las Vegas	40.4	38.9	39.5	10.94	11.32	11.34	441.98	440.35	447.93
New Hampshire	40.2	40.4	40.9	8.31	8.82	8.80	334.06	356.33	359.92
Manchester	39.7	(^b)	(^b)	8.01	(^b)	(^b)	318.00	(^b)	(^b)
Nashua	40.4	40.5	41.8	9.83	\$10.49	\$10.57	397.13	\$424.85	\$441.83
New Jersey	40.6	41.0	40.8	9.81	10.12	10.14	398.29	414.92	413.71
Atlantic City	37.5	(^b)	(^b)	8.49	(^b)	(^b)	318.38	(^b)	(^b)
Bergen-Passaic	40.7	(^b)	(^b)	9.24	(^b)	(^b)	376.07	(^b)	(^b)
Camden	39.9	(^b)	(^b)	9.76	(^b)	(^b)	389.42	(^b)	(^b)
Jersey City	39.8	(^b)	(^b)	8.66	(^b)	(^b)	344.67	(^b)	(^b)
Middlesex-Somerset-Hunterdon	41.9	(^b)	(^b)	10.42	(^b)	(^b)	436.60	(^b)	(^b)
Newark	40.7	(^b)	(^b)	9.65	(^b)	(^b)	392.76	(^b)	(^b)
Trenton	40.7	(^b)	(^b)	10.27	(^b)	(^b)	417.99	(^b)	(^b)
New Mexico	40.1	39.8	39.8	8.33	\$8.65	\$8.48	334.03	\$344.27	\$337.50
Albuquerque	39.5	(^b)	(^b)	8.36	(^b)	(^b)	330.22	(^b)	(^b)
New York	39.5	39.8	39.7	9.59	\$9.88	\$9.93	378.81	\$393.22	\$394.22
Albany-Schenectady-Troy	39.4	41.0	40.9	9.56	10.13	10.23	376.66	415.33	418.41
Binghamton	39.1	40.1	40.0	8.71	9.01	8.82	340.56	361.30	352.80
Buffalo	41.9	42.1	41.5	11.88	12.24	12.13	497.77	515.30	503.40
Elmira	39.3	(^b)	(^b)	9.00	(^b)	(^b)	353.70	(^b)	(^b)
Glens Falls	39.8	(^b)	(^b)	9.62	(^b)	(^b)	382.88	(^b)	(^b)
Monroe County	42.2	(^b)	(^b)	12.44	(^b)	(^b)	524.97	(^b)	(^b)
Nassau-Suffolk	40.2	40.2	40.2	9.43	\$9.99	\$9.91	379.09	\$401.60	\$398.38
New York PMSA	37.4	37.5	37.2	8.76	9.06	9.16	327.62	339.75	340.75
New York City	37.0	37.2	36.9	8.59	8.89	9.00	317.83	330.71	332.10
Niagara Falls	42.1	41.6	41.2	12.52	12.27	12.56	527.09	510.43	517.47
Orange County	37.4	(^b)	(^b)	7.12	(^b)	(^b)	266.29	(^b)	(^b)
Poughkeepsie	42.5	(^b)	(^b)	8.63	(^b)	(^b)	366.78	(^b)	(^b)
Rochester	41.8	41.2	41.1	11.67	\$12.02	\$11.99	487.81	\$495.22	\$492.79
Rockland County	40.6	42.1	41.3	9.62	9.37	9.57	390.57	394.48	395.24
Syracuse	40.3	40.8	40.7	10.78	11.12	11.27	434.43	453.70	458.69
Utica-Rome	40.7	41.3	41.5	8.61	9.29	9.24	350.43	383.68	383.46
Westchester County	39.3	38.5	38.3	9.92	10.35	10.25	389.86	398.48	392.58
North Carolina	39.0	40.3	40.5	7.28	7.49	7.53	283.92	301.85	304.97
Asheville	40.8	(^b)	(^b)	7.31	(^b)	(^b)	298.25	(^b)	(^b)
Charlotte-Gastonia-Rock Hill	38.8	41.1	41.3	7.44	\$7.63	\$7.63	288.67	\$313.59	\$315.12
Greensboro-Winston-Salem-High Point	38.9	39.7	40.5	7.89	8.24	8.41	306.92	327.13	340.61
Raleigh-Durham	40.5	41.4	41.7	8.20	8.49	8.55	332.10	351.49	356.54
North Dakota	39.0	36.6	38.3	8.01	8.23	8.23	312.39	301.22	315.21
Fargo-Moorhead	37.0	(^b)	(^b)	8.43	(^b)	(^b)	311.91	(^b)	(^b)
Ohio	42.0	41.8	41.8	11.33	\$11.52	\$11.49	475.86	\$481.54	\$480.28
Akron	43.0	43.0	43.1	10.99	11.09	11.06	472.57	476.87	476.69
Canton	39.9	(^b)	(^b)	10.91	(^b)	(^b)	435.31	(^b)	(^b)
Cincinnati	41.4	41.4	42.0	10.56	\$10.67	\$10.62	437.18	\$441.74	\$446.04
Cleveland	42.0	41.9	41.4	11.17	11.45	11.39	469.14	479.76	471.55
Columbus	40.5	41.4	41.2	10.71	11.17	11.18	433.76	462.44	460.62
Dayton-Springfield	43.0	42.5	42.4	11.80	12.02	11.94	507.40	510.85	506.28
Toledo	42.2	41.8	42.4	12.16	12.35	12.43	513.15	516.23	527.03
Youngstown-Warren	43.6	(^b)	(^b)	13.30	(^b)	(^b)	579.88	(^b)	(^b)
Oklahoma	41.6	41.1	41.0	9.79	\$9.95	\$9.92	407.26	\$408.95	\$406.72
Oklahoma City	40.2	39.3	39.5	10.47	10.92	10.93	420.89	429.16	431.74
Tulsa	40.0	39.4	39.5	10.51	10.43	10.42	420.40	410.94	411.59
Oregon	38.8	39.4	39.3	10.50	10.66	10.80	407.40	420.00	424.44
Eugene-Springfield	39.4	41.3	40.8	10.68	10.93	10.97	420.79	451.41	447.58
Portland	38.4	38.0	39.0	10.36	10.33	10.88	397.82	392.54	424.32
Salem	37.5	37.4	37.6	9.53	9.61	9.79	357.38	359.41	368.10

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a
Pennsylvania	39.6	40.0	40.0	\$9.55	\$9.71	\$9.73	\$378.18	\$388.40	\$389.20
Allentown-Bethlehem	39.2	38.5	38.3	10.27	10.19	10.27	402.58	392.32	393.34
Altoona	39.1	(¹)	(¹)	8.19	(¹)	(¹)	320.23	(¹)	(¹)
Beaver County	39.1	40.9	41.0	11.55	\$11.78	\$11.88	451.61	\$480.98	\$487.08
Delaware Valley	39.6	39.8	39.8	9.91	10.19	10.15	392.44	405.56	403.97
Erie	41.2	(¹)	(¹)	9.95	(¹)	(¹)	409.94	(¹)	(¹)
Harrisburg-Lebanon-Carlisle	39.0	39.3	39.8	8.99	\$9.23	\$9.25	350.61	\$362.74	\$368.15
Johnstown	37.1	(¹)	(¹)	8.26	(¹)	(¹)	306.45	(¹)	(¹)
Lancaster	39.4	40.5	40.4	9.16	\$9.65	\$9.63	360.90	\$390.83	\$389.05
Philadelphia PMSA	39.7	40.0	39.9	9.88	10.17	10.13	392.24	406.80	404.19
Pittsburgh	40.4	40.8	40.8	11.02	11.11	11.11	445.21	453.29	453.29
Reading	40.1	39.8	40.0	9.78	9.86	9.89	392.18	392.43	395.60
Scranton-Wilkes-Barre	38.0	37.4	37.3	8.16	8.37	8.43	310.08	313.04	314.44
Williamsport	39.2	(¹)	(¹)	8.48	(¹)	(¹)	332.42	(¹)	(¹)
York	40.7	41.1	41.0	8.86	\$9.24	\$9.31	360.60	\$379.76	\$381.71
Rhode Island	40.0	40.5	40.5	7.56	7.85	7.90	302.40	317.93	319.95
Pawtucket-Woonsocket-Attleboro	40.0	(¹)	(¹)	7.20	(¹)	(¹)	288.00	(¹)	(¹)
Providence	39.9	(¹)	(¹)	7.38	(¹)	(¹)	294.46	(¹)	(¹)
South Carolina	39.6	40.5	40.7	7.59	\$7.85	\$7.87	300.56	\$317.93	\$320.31
Charleston	43.3	(¹)	(¹)	9.20	(¹)	(¹)	398.36	(¹)	(¹)
Columbia	39.8	40.1	39.8	7.44	\$7.72	\$7.76	296.11	\$309.57	\$308.85
Greenville-Spartanburg	39.2	40.4	40.5	7.34	7.67	7.70	287.73	309.87	311.85
South Dakota	43.4	42.2	42.4	7.38	7.70	7.73	320.29	324.94	327.75
Sioux Falls	49.3	47.6	46.4	7.33	7.95	8.09	361.37	378.42	375.38
Tennessee	41.0	40.8	40.4	8.15	8.42	8.38	334.15	343.54	338.55
Chattanooga	40.8	42.0	43.0	7.44	7.40	7.41	303.55	310.80	318.63
Johnson City-Kingsport-Bristol	41.1	(¹)	(¹)	8.68	(¹)	(¹)	356.75	(¹)	(¹)
Knoxville	41.1	38.0	40.7	8.66	\$8.94	\$8.93	355.93	\$339.72	\$363.45
Memphis	41.4	44.1	44.2	8.57	8.59	8.88	354.80	378.82	392.50
Nashville	41.0	39.4	38.8	9.40	9.19	9.01	385.40	362.09	349.59
Texas	40.9	41.2	41.3	9.38	9.54	9.46	383.64	393.05	390.70
Dallas	41.4	41.8	42.2	9.00	9.33	9.30	372.60	389.99	392.46
Ft. Worth-Arlington	41.4	41.6	42.0	9.35	9.48	9.37	387.09	394.37	393.54
Houston	42.6	42.2	42.1	11.00	11.15	11.10	468.60	470.53	467.31
San Antonio	39.7	41.6	42.0	7.07	7.29	7.37	280.68	303.26	309.54
Utah	40.1	40.4	39.8	9.29	9.72	9.77	372.53	392.69	388.85
Salt Lake City-Ogden	39.9	40.0	39.7	9.05	9.53	9.55	361.10	381.20	379.14
Vermont	40.5	40.8	40.6	8.27	8.75	8.75	334.94	357.00	355.25
Burlington	42.5	42.3	41.7	9.14	9.67	9.83	388.45	409.04	409.91
Springfield	40.9	(¹)	(¹)	8.32	(¹)	(¹)	340.29	(¹)	(¹)
Virginia	40.1	40.4	40.6	8.43	\$8.81	\$8.88	338.04	\$355.92	\$360.53
Bristol	39.7	40.2	39.7	7.14	7.59	7.62	283.46	305.12	302.51
Charlottesville	39.5	(¹)	(¹)	7.17	(¹)	(¹)	283.22	(¹)	(¹)
Danville	39.9	(¹)	(¹)	7.75	(¹)	(¹)	309.23	(¹)	(¹)
Lynchburg	38.7	41.0	40.9	8.03	\$8.36	\$8.30	310.76	\$342.76	\$339.47
Northern Virginia	39.4	41.4	40.6	6.72	9.34	9.37	343.57	386.68	382.30
Richmond-Petersburg	40.8	40.3	40.1	10.60	11.03	11.00	432.48	444.51	441.10
Roanoke	41.1	40.6	40.5	7.55	8.12	8.24	310.31	329.67	333.72
Washington	(^a)	(^a)	(^a)	(^a)	(^a)	(^a)	(^a)	(^a)	(^a)

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
West Virginia	40.5	40.4	40.3	\$10.17	\$10.23	\$10.40	\$411.89	\$413.29	\$419.12
Charleston	42.1	41.6	42.4	12.48	12.59	12.70	525.41	523.74	538.48
Huntington-Ashland	39.6	38.8	38.4	11.47	11.70	12.01	454.21	453.96	461.18
Parkersburg-Marietta	41.9	42.7	42.0	11.41	12.08	12.21	478.08	515.82	512.82
Wheeling	41.3	(¹)	(¹)	11.60	(¹)	(¹)	479.08	(¹)	(¹)
Wisconsin	41.1	40.9	41.1	10.33	\$10.40	\$10.38	424.56	\$425.36	\$425.80
Appleton-Oshkosh	42.5	42.4	42.3	10.08	10.36	10.29	428.40	439.26	435.27
Eau Claire	41.4	39.7	40.6	10.50	10.41	10.40	434.70	413.28	422.24
Green Bay	41.0	41.7	41.5	11.22	11.35	11.25	460.02	473.30	468.88
Janesville-Beloit	42.2	38.5	38.5	12.42	12.00	11.95	524.12	462.00	460.06
Kenosha	40.9	(¹)	(¹)	12.62	(¹)	(¹)	516.18	(¹)	(¹)
La Crosse	38.2	39.2	38.7	9.32	\$9.42	\$9.49	358.02	\$369.28	\$367.26
Madison	41.3	40.5	40.6	9.69	9.88	9.89	400.20	399.33	401.53
Milwaukee	40.7	40.7	41.1	11.55	11.62	11.58	470.09	472.93	475.94
Racine	38.8	40.1	40.2	10.67	10.99	10.96	414.00	440.70	440.59
Sheboygan	39.2	(¹)	(¹)	9.77	(¹)	(¹)	382.98	(¹)	(¹)
Wausau	42.3	(¹)	(¹)	9.47	(¹)	(¹)	400.58	(¹)	(¹)
Wyoming	42.6	35.0	37.3	10.42	\$10.01	\$9.98	443.69	\$350.35	\$372.25
Puerto Rico	38.2	38.7	37.5	5.13	5.25	5.22	195.97	203.18	195.75
Virgin Islands	41.1	42.6	41.0	9.41	10.00	9.64	386.75	426.00	395.24

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

² Not available.

^P = preliminary.

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

publication. All State and area data have been adjusted to March 1985 benchmarks except Michigan. Data for Michigan have been adjusted to December 1984 benchmarks.

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

C-9. Hours of wage and salary workers in nonagricultural establishments by major industry, seasonally adjusted

Industry	Millions of hours (annual rate) ¹			Percent change		
	Apr. 1986 ^r	May 1986 ^r	June 1986 ^p	June 1985 to June 1986 ^p	Apr. 1986 to May 1986 ^r	May 1986 to June 1986 ^p
Total	185,817	185,750	185,559	2.0	0.0	-0.1
Private sector	152,634	152,505	152,443	2.0	-.1	.0
Mining	1,806	1,710	1,676	-21.1	-5.3	-2.0
Construction	9,785	9,707	9,590	5.9	-.8	-1.2
Manufacturing	40,585	40,524	40,349	-.6	-.1	-.4
Durable goods	24,358	24,276	24,125	-1.8	-.3	-.6
Nondurable goods	16,227	16,248	16,224	1.2	.1	-.1
Transportation and public utilities	10,754	10,690	10,584	-2.0	-.6	-1.0
Wholesale trade	11,739	11,707	11,595	1.2	-.3	-1.0
Retail trade	27,121	27,158	27,275	2.1	.1	.4
Finance, insurance, and real estate	11,818	11,817	11,984	5.7	.0	1.4
Services	39,026	39,193	39,392	5.4	.4	.5
Government	33,183	33,245	33,116	2.1	.2	-.4

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

^p = preliminary.

^r = revised.

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

nonsupervisory workers, and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 2134-1, chapter 13, Productivity Measures: Business Economy and Major Sectors. SOURCE: Office of Productivity and Technology (202 523 9261).

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

(1977=100)

Item	Annual average		Quarterly index										
	1984	1985	1983		1984				1985				1986
			III	IV	I	II	III	IV	I	II	III	IV	I
Business sector													
Output per hour of all persons	105.2	105.3	103.5	103.6	104.9	105.5	105.3	105.0	105.3	105.5	105.9	104.9	105.5
Output	119.0	122.1	111.3	113.4	117.1	119.2	119.6	120.1	121.2	121.9	122.6	122.8	124.0
Hours	113.1	115.9	107.5	109.5	111.6	113.0	113.6	114.4	115.1	115.6	115.8	117.1	117.6
Compensation per hour	168.2	175.0	162.1	164.1	166.1	167.5	169.1	170.4	172.4	174.3	176.1	177.6	178.2
Real compensation per hour	98.2	98.6	98.1	98.3	98.3	98.2	98.2	98.1	98.5	98.5	98.9	98.7	98.7
Unit labor costs	159.9	166.2	156.6	158.4	158.4	158.7	160.6	162.3	163.8	165.2	166.3	169.3	168.9
Unit nonlabor payments	156.5	157.7	146.8	148.6	153.4	156.8	157.3	158.0	157.6	158.2	158.6	156.2	159.1
Implicit price deflator	158.7	163.1	153.1	154.9	156.6	158.0	159.4	160.8	161.6	162.7	163.5	164.6	165.4
Nonfarm business sector													
Output per hour of all persons	104.1	103.9	103.3	103.0	104.0	104.5	104.2	103.8	104.1	104.2	104.3	103.2	104.1
Output	118.9	122.0	111.8	113.8	117.1	119.2	119.5	120.0	121.1	121.8	122.6	122.7	124.1
Hours	114.2	117.5	108.2	110.5	112.6	114.0	114.7	115.6	116.3	116.9	117.5	118.9	119.2
Compensation per hour	168.0	174.2	162.3	164.0	165.9	167.4	168.8	170.1	172.1	173.7	175.0	176.4	177.3
Real compensation per hour	98.0	98.1	98.2	98.2	98.1	98.1	98.0	97.9	98.3	98.2	98.3	98.0	98.2
Unit labor costs	161.4	167.7	157.1	159.1	159.6	160.1	162.0	163.9	165.3	166.8	167.8	170.9	170.3
Unit nonlabor payments	156.3	159.5	148.9	150.7	152.5	156.3	157.6	158.4	158.8	160.2	161.4	157.7	161.9
Implicit price deflator	159.6	164.8	154.2	156.1	157.1	158.8	160.5	161.9	163.0	164.5	165.5	166.3	167.4
Manufacturing													
Output per hour of all persons	118.5	121.8	114.5	114.7	116.7	117.8	119.8	119.5	120.0	121.8	122.8	122.4	123.1
Output	117.9	121.0	108.3	111.0	115.2	117.4	119.5	119.6	119.9	120.5	121.4	122.0	122.7
Hours	99.5	99.3	94.5	96.8	98.7	99.7	99.7	100.0	99.9	98.9	98.9	99.6	99.7
Compensation per hour	169.1	176.6	163.3	164.4	166.7	168.1	169.9	171.8	174.3	176.1	177.3	178.8	179.2
Real compensation per hour	98.7	99.5	98.8	98.5	98.6	98.6	98.7	98.9	99.5	99.5	99.6	99.4	99.3
Unit labor costs	142.8	145.0	142.6	143.4	142.8	142.7	141.9	143.7	145.3	144.5	144.4	146.0	145.6
Durable goods													
Output per hour of all persons	119.3	123.6	113.0	113.8	116.9	118.5	121.1	120.8	121.8	123.6	124.7	124.4	125.0
Output	119.7	124.0	105.3	109.7	115.5	118.6	122.0	122.5	123.1	123.6	124.4	124.9	125.1
Hours	100.3	100.3	93.2	96.4	98.8	100.1	100.7	101.4	101.1	100.0	99.7	100.4	100.1
Compensation per hour	167.6	175.2	162.3	163.0	165.5	166.8	168.2	169.8	172.6	174.3	175.9	178.1	178.4
Real compensation per hour	97.8	98.7	98.2	97.6	97.9	97.8	97.7	97.7	98.6	98.5	98.8	99.0	98.8
Unit labor costs	140.4	141.7	143.6	143.2	141.6	140.7	138.9	140.6	141.7	141.0	141.0	143.2	142.8
Nondurable goods													
Output per hour of all persons	117.1	118.9	116.7	115.9	116.5	116.7	117.8	117.6	117.2	119.0	119.8	119.5	120.3
Output	115.4	116.4	112.7	113.0	114.8	115.6	115.7	115.3	115.0	115.9	117.1	117.8	119.2
Hours	98.5	98.0	96.6	97.5	98.5	99.0	98.3	98.0	98.2	97.4	97.7	98.5	99.1
Compensation per hour	171.6	178.6	165.8	167.0	168.8	170.4	172.6	174.6	176.9	178.8	179.3	179.5	180.4
Real compensation per hour	100.1	100.6	100.3	100.0	99.8	99.9	100.3	100.5	101.0	101.1	100.7	99.8	99.9
Unit labor costs	146.5	150.3	142.1	144.1	144.9	145.9	146.6	148.5	151.0	150.3	149.6	150.2	150.0
Nonfinancial corporations¹													
Output per all-employee hour	106.2	105.9	104.6	105.0	106.2	106.7	106.1	105.8	105.8	105.8	106.5	105.9	105.8
Output	120.9	124.3	112.1	115.1	118.9	121.1	121.4	122.2	123.2	123.7	124.9	125.2	126.1
Hours	113.9	117.3	107.2	109.6	112.0	113.5	114.5	115.5	116.4	117.0	117.3	118.2	119.2
Compensation per hour	166.1	171.3	160.8	162.4	164.2	165.6	166.8	167.9	169.4	170.8	172.0	173.3	173.9
Real compensation per hour	96.9	96.5	97.3	97.3	97.1	97.1	96.9	96.7	96.7	96.6	96.6	96.3	96.3
Total unit costs	161.2	165.7	159.6	159.5	159.1	159.9	162.2	163.6	164.4	165.8	165.5	167.2	168.0
Unit labor costs	156.4	161.7	153.8	154.8	154.7	155.1	157.2	158.7	160.0	161.5	161.5	163.7	164.3
Unit nonlabor costs	175.3	177.8	176.7	173.7	172.3	174.0	177.0	177.9	177.6	178.6	177.2	177.8	179.0
Unit profits	135.6	142.7	114.4	124.0	132.9	139.1	134.3	135.9	138.3	139.1	150.2	143.1	146.1
Implicit price deflator	158.1	163.0	154.2	155.3	156.0	157.4	158.9	160.3	161.3	162.6	163.6	164.4	165.4

¹ Measures for the first quarter 1986 are preliminary.

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

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

C-11. Percent changes from the preceding quarter and year in productivity, hourly compensation, unit costs, and prices, seasonally adjusted annual rates

Item	Percent change from											
	Previous quarter						Same quarter, previous year					
	IV 1984	I 1985	II 1985	III 1985	IV 1985	I 1986	IV 1984	I 1985	II 1985	III 1985	IV 1985	I 1986
Business sector												
Output per hour of all persons	-1.3	1.0	0.8	1.6	-3.9	2.5	1.3	0.3	-0.1	0.5	-0.1	0.2
Output	1.7	3.6	2.3	2.5	.4	4.2	5.9	3.5	2.2	2.5	2.2	2.4
Hours	3.1	2.5	1.5	.9	4.5	1.7	4.5	3.1	2.3	2.0	2.3	2.1
Compensation per hour	3.1	4.8	4.4	4.2	3.4	1.4	3.8	3.8	4.1	4.1	4.2	3.4
Real compensation per hour	-6	1.5	.4	1.6	-9	.0	-2	.2	.4	.7	.7	.3
Unit labor costs	4.5	3.7	3.5	2.5	7.5	-1.0	2.5	3.4	4.1	3.6	4.3	3.1
Unit nonlabor payments	1.6	-9	1.4	1.1	-5.8	7.7	6.3	2.7	.9	.8	-1.1	1.0
Implicit price deflator	3.5	2.1	2.8	2.0	2.7	1.9	3.8	3.2	3.0	2.6	2.4	2.4
Nonfarm business sector												
Output per hour of all persons	-1.3	1.0	.2	.4	-4.1	3.6	.8	.1	-4	.1	-6	.0
Output	1.8	3.6	2.3	2.6	.6	4.5	5.5	3.4	2.2	2.6	2.2	2.5
Hours	3.1	2.6	2.1	2.1	4.8	.9	4.6	3.3	2.6	2.5	2.9	2.5
Compensation per hour	3.2	4.7	3.8	2.8	3.2	2.2	3.8	3.7	3.8	3.6	3.7	3.0
Real compensation per hour	-4	1.4	-2	.3	-1.0	.7	-3	.1	.1	.3	.1	-1
Unit labor costs	4.6	3.6	3.6	2.4	7.6	-1.4	3.0	3.6	4.2	3.6	4.3	3.0
Unit nonlabor payments	1.9	1.0	3.7	2.9	-8.7	10.9	5.1	4.1	2.5	2.4	-4	2.0
Implicit price deflator	3.6	2.7	3.7	2.6	1.8	2.6	3.7	3.8	3.6	3.2	2.7	2.7
Manufacturing												
Output per hour of all persons	-8	1.5	6.2	3.3	-1.1	2.2	4.2	2.8	3.4	2.5	2.4	2.6
Output .....	.4	1.1	2.1	3.1	1.9	2.3	7.7	4.0	2.6	1.7	2.0	2.4
Hours	1.2	-5	-3.9	-1	3.1	.1	3.3	1.2	-8	-8	-4	-2
Compensation per hour	4.4	6.1	4.0	2.7	3.5	1.0	4.5	4.6	4.7	4.3	4.1	2.8
Real compensation per hour .....	.7	2.8	.0	.2	-8	-5	.4	1.0	1.0	.9	.5	-3
Unit labor costs	5.2	4.5	-2.0	-5	4.6	-1.2	.2	1.7	1.3	1.8	1.6	.2
Durable goods												
Output per hour of all persons	-1.0	3.5	6.1	3.6	-1.2	2.0	6.1	4.2	4.4	3.0	3.0	2.6
Output	1.6	2.3	1.5	2.4	1.6	.7	11.6	6.6	4.2	2.0	2.0	1.6
Hours	2.7	-1.2	-4.3	-1.1	2.8	-1.2	5.2	2.3	-2	-1.0	-1.0	-1.0
Compensation per hour	4.1	6.7	3.9	3.7	5.2	.7	4.2	4.3	4.5	4.6	4.9	3.4
Real compensation per hour .....	.4	3.4	-1	1.2	.9	-8	.1	.7	.8	1.2	1.3	.3
Unit labor costs	5.1	3.1	-2.1	.2	6.5	-1.3	-1.8	.1	.2	1.5	1.9	.8
Nondurable goods												
Output per hour of all persons	-5	-1.5	6.4	2.8	-1.0	2.5	1.5	.6	1.9	1.8	1.6	2.7
Output	-1.6	-9	2.9	4.3	2.4	4.8	2.0	.2	.2	1.2	2.2	3.6
Hours	-1.1	.6	-3.3	1.4	3.4	2.2	.6	-4	-1.6	-6	.5	.9
Compensation per hour	4.7	5.3	4.4	1.2	.5	1.9	4.6	4.8	4.9	3.9	2.8	2.0
Real compensation per hour	1.0	2.0	.3	-1.3	-3.6	.4	.5	1.2	1.2	.5	-.7	-1.1
Unit labor costs	5.2	6.9	-1.9	-1.6	1.5	-7	3.0	4.2	2.9	2.1	1.2	-.7
Nonfinancial corporations¹												
Output per all-employee hour	-1.1	.1	-2	2.8	-2.4	-2	.8	-3	-9	.4	.1	.0
Output	2.5	3.2	1.9	3.8	.9	3.0	6.2	3.6	2.2	2.9	2.5	2.4
Hours	3.6	3.0	2.2	1.0	3.3	3.2	5.3	3.9	3.1	2.5	2.4	2.4
Compensation per hour	2.8	3.4	3.5	2.8	3.0	1.3	3.4	3.1	3.2	3.1	3.2	2.7
Real compensation per hour	-8	.2	-5	.2	-1.2	-2	-6	-4	-5	-2	-3	-4
Total unit costs	3.4	2.1	3.4	-9	4.4	1.9	2.5	3.3	3.7	2.0	2.2	2.2
Unit labor costs	3.9	3.2	3.8	.0	5.5	1.6	2.6	3.5	4.1	2.7	3.1	2.7
Unit nonlabor costs	2.0	-8	2.4	-3.2	1.5	2.7	2.4	3.0	2.7	.1	.0	.8
Unit profits	4.9	7.2	2.2	36.0	-17.5	8.6	9.6	4.0	.0	11.8	5.3	5.6
Implicit price deflator	3.5	2.6	3.3	2.5	1.8	2.5	3.2	3.4	3.3	3.0	2.6	2.5

¹ Measures for the first quarter 1986 are preliminary.

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

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Alabama	1,802.8	1,868.0	1,888.3	148.2	169.5	173.9	8.2	9.1	9.2
Birmingham	416.4	439.3	441.8	28.3	32.5	33.6	6.8	7.4	7.6
Huntsville	117.3	123.8	125.0	6.4	7.8	7.9	5.5	6.3	6.3
Mobile	205.0	211.3	214.0	16.9	21.1	21.7	8.2	10.0	10.1
Montgomery	128.2	131.0	133.2	9.4	8.8	10.0	7.4	6.7	7.5
Tuscaloosa	64.6	68.4	68.9	4.5	4.7	5.5	6.9	6.9	8.0
Alaska	252.2	262.1	265.5	23.8	29.8	28.3	9.4	11.4	10.7
Arizona	1,470.4	1,571.5	1,577.6	97.0	98.7	99.8	6.6	6.3	6.3
Phoenix	907.2	975.9	979.4	46.7	48.4	48.9	5.1	5.0	5.0
Tucson	288.6	309.5	309.6	15.1	16.6	16.0	5.2	5.4	5.2
Arkansas	1,054.6	1,045.8	1,060.6	85.5	86.5	82.6	8.1	8.3	7.8
Fayetteville-Springdale	53.1	52.9	53.7	2.1	2.2	2.2	4.0	4.2	4.2
Fort Smith	82.3	85.0	86.0	6.2	5.9	5.7	7.5	6.9	6.7
Little Rock-North Little Rock	244.9	243.6	245.3	15.1	14.9	14.8	6.2	6.1	6.0
Pine Bluff	35.8	36.0	36.4	3.3	2.8	2.8	9.3	7.9	7.8
California ¹	12,794.9	13,134.6	13,111.0	849.0	879.3	802.2	6.6	6.7	6.1
Anaheim-Santa Ana	1,183.8	1,200.9	1,195.9	45.9	49.5	44.2	3.9	4.1	3.7
Bakersfield	215.9	217.0	212.8	21.3	27.5	23.8	9.9	12.7	11.2
Fresno	283.6	282.0	282.1	34.3	40.5	33.8	12.1	14.4	12.0
Los Angeles-Long Beach ¹	3,897.0	4,028.0	4,052.0	274.0	232.0	244.0	7.0	5.8	6.0
Modesto	139.6	144.5	145.9	21.9	23.7	21.4	15.7	16.4	14.6
Oakland	962.8	1,011.8	1,007.7	55.2	60.3	53.6	5.7	6.0	5.3
Oxnard-Ventura	305.3	318.5	315.2	18.0	20.9	18.3	5.9	6.6	5.8
Riverside-San Bernardino	774.2	804.0	798.3	49.4	53.0	47.2	6.4	6.6	5.9
Sacramento	620.1	642.9	636.3	38.6	43.6	36.6	6.2	6.8	5.8
Salinas-Seaside-Monterey	148.7	150.4	153.1	11.6	16.8	13.4	7.8	11.2	8.8
San Diego	952.1	989.2	981.8	45.5	49.6	45.2	4.8	5.0	4.6
San Francisco	853.1	872.1	864.6	38.4	40.5	35.8	4.5	4.6	4.1
San Jose	809.8	811.5	805.9	42.1	48.7	42.6	5.2	6.0	5.3
Santa Barbara-Santa Maria-Lompoc	169.4	174.2	173.0	7.9	9.5	8.0	4.7	5.5	4.6
Santa Rosa-Petaluma	170.1	173.3	171.8	8.8	10.9	9.0	5.2	6.3	5.2
Stockton	187.9	183.0	186.9	20.7	23.5	19.7	11.0	12.8	10.6
Vallejo-Fairfield-Napa	166.1	170.4	170.1	10.5	11.9	10.2	6.3	7.0	6.0
Colorado	1,717.5	1,701.9	1,703.1	98.7	121.6	116.7	5.7	7.1	6.9
Boulder-Longmont	131.6	128.8	129.1	6.6	7.5	7.1	5.0	5.8	5.5
Denver	914.9	899.3	901.5	43.5	54.6	53.4	4.8	6.1	5.9
Connecticut	1,705.9	1,719.2	1,730.4	81.2	62.6	60.5	4.8	3.6	3.5
Bridgeport-Milford	227.3	229.5	231.0	13.2	10.3	9.6	5.8	4.5	4.2
Hartford	405.5	410.4	414.0	17.9	12.6	12.4	4.4	3.1	3.0
New Britain	72.4	72.5	72.5	3.7	3.0	2.9	5.1	4.2	4.0
New Haven-Meriden	264.4	267.4	266.4	12.6	9.8	9.4	4.8	3.7	3.5
Stamford	115.5	115.8	116.6	3.6	3.0	3.0	3.1	2.6	2.5
Waterbury	103.1	101.9	102.6	6.4	5.6	5.0	6.2	5.5	4.9
Delaware	313.2	320.8	326.1	15.2	16.4	15.8	4.9	5.1	4.9
Wilmington	275.8	279.3	282.4	13.3	15.3	15.4	4.8	5.5	5.4
District of Columbia	315.6	321.2	321.8	26.0	20.8	21.5	8.2	6.5	6.7
Washington	1,952.6	2,007.7	2,030.3	76.0	63.4	63.0	3.9	3.2	3.1
Florida ¹	5,290.1	5,445.3	5,549.6	259.5	296.4	293.3	4.9	5.4	5.3
Daytona Beach	129.7	138.9	142.1	4.7	6.5	5.9	3.7	4.6	4.2
Fort Lauderdale-Hollywood-Pompano Beach	553.8	569.2	579.3	22.6	24.7	23.9	4.1	4.3	4.1
Fort Myers-Cape Coral	112.8	118.9	120.2	4.6	4.7	4.4	4.1	3.9	3.7
Gainesville	93.9	95.2	97.5	2.3	3.0	3.1	2.5	3.1	3.2
Jacksonville	396.4	414.4	425.9	15.9	22.6	22.3	4.0	5.5	5.2
Lakeland-Winter Haven	163.0	166.4	171.2	14.3	14.4	15.7	8.8	8.7	9.2
Melbourne-Titusville-Palm Bay	160.8	166.3	169.1	6.3	9.3	9.2	3.9	5.6	5.5
Miami-Hialeah	864.7	883.1	891.4	54.8	59.9	54.4	6.3	6.8	6.1
Orlando	478.1	502.0	508.1	18.8	22.2	22.2	3.9	4.4	4.4
Pensacola	137.5	139.0	142.6	6.6	8.8	9.0	4.8	6.3	6.3
Sarasota	103.2	102.3	105.0	3.5	4.1	4.1	3.4	4.0	3.9
Tallahassee	110.2	112.7	115.6	3.6	4.3	4.2	3.3	3.8	3.6
Tampa-St. Petersburg-Clearwater	869.6	889.5	907.2	36.9	44.1	44.9	4.2	5.0	5.0
West Palm Beach-Boca Raton-Delray Beach	346.1	357.6	361.1	17.6	18.9	18.8	5.1	5.3	5.2

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Georgia	2,849.2	2,941.2	2,975.3	186.6	162.9	167.2	6.6	5.5	5.6
Albany	54.3	54.9	55.7	4.4	4.6	6.3	8.2	8.3	11.2
Athens	68.1	68.2	70.3	3.6	3.2	3.2	5.3	4.7	4.6
Atlanta	1,300.5	1,356.0	1,372.4	67.9	59.3	59.7	5.2	4.4	4.4
Augusta	163.3	167.3	167.8	10.5	10.1	10.4	6.4	6.0	6.2
Columbus	95.5	97.3	98.0	7.4	7.0	7.0	7.7	7.1	7.2
Macon-Warner Robins	122.3	125.7	126.6	9.6	7.3	7.2	7.9	5.8	5.7
Savannah	102.0	104.7	104.5	7.4	6.6	6.5	7.3	6.3	6.2
Hawaii	481.2	501.7	499.0	27.8	29.5	25.1	5.8	5.9	5.0
Honolulu	363.0	378.0	375.7	19.3	19.6	16.8	5.3	5.2	4.5
Idaho	476.7	463.9	476.1	36.7	41.9	38.6	7.7	9.0	8.1
Boise City	102.4	102.3	103.6	6.1	6.1	5.5	5.9	5.9	5.3
Illinois¹	5,760.9	5,646.2	5,703.1	540.9	463.2	468.4	9.4	8.2	8.2
Aurora-Elgin	168.5	166.5	167.4	14.2	12.3	11.8	8.4	7.4	7.1
Bloomington-Normal	62.4	61.1	61.2	4.1	3.6	3.8	6.5	5.9	6.2
Champaign-Urbana-Rantoul	83.4	82.8	84.1	5.1	4.0	3.9	6.1	4.8	4.6
Chicago	3,138.9	3,086.8	3,113.9	275.4	230.7	238.2	8.8	7.5	7.6
Davenport-Rock Island-Moline	177.7	175.3	174.9	18.6	17.9	16.7	10.5	10.2	9.6
Decatur	58.3	57.9	58.9	6.5	6.4	6.8	11.1	11.1	11.6
Joliet	187.4	185.9	188.1	16.7	14.0	13.9	8.9	7.5	7.4
Kankakee	45.1	44.0	43.7	5.4	4.9	4.8	12.0	11.1	11.0
Lake County	251.7	252.5	257.3	15.6	12.9	13.2	6.2	5.1	5.1
Peoria	156.7	148.9	151.3	18.2	13.7	14.0	11.6	9.2	9.2
Rockford	144.0	139.5	141.7	14.4	12.5	12.8	10.0	9.0	9.1
Springfield	102.6	100.2	100.6	6.6	6.0	5.8	6.5	6.0	5.8
Indiana	2,760.3	2,722.5	2,757.2	204.5	179.7	179.1	7.4	6.6	6.5
Anderson	61.7	60.4	61.1	4.0	3.6	3.7	6.5	6.0	6.1
Elkhart-Goshen	89.2	88.3	89.8	4.7	4.0	3.9	5.3	4.5	4.3
Evansville	144.9	141.9	143.2	10.8	10.1	9.7	7.4	7.1	6.8
Fort Wayne	184.7	182.5	184.9	11.1	9.6	9.6	6.0	5.2	5.2
Gary-Hammond	267.5	259.2	260.8	30.8	27.3	27.7	11.5	10.5	10.6
Indianapolis	629.6	632.2	642.8	37.2	32.9	33.1	5.9	5.2	5.1
Lafayette	65.3	64.9	62.6	2.7	2.6	2.7	4.1	4.0	4.4
Muncie	60.2	59.2	60.1	4.4	4.1	3.9	7.3	6.9	6.6
South Bend-Mishawaka	127.2	124.6	125.6	8.2	7.8	7.8	6.5	6.3	6.2
Terre Haute	61.2	60.5	59.9	4.6	4.2	4.0	7.5	7.0	6.7
Iowa	1,444.5	1,441.6	1,445.7	107.3	109.5	91.2	7.4	7.6	6.3
Cedar Rapids	87.1	90.0	89.4	6.0	6.4	5.2	6.9	7.1	5.8
Des Moines	206.2	210.4	210.0	12.5	13.4	11.2	6.0	6.4	5.3
Dubuque	42.8	(²)	(²)	3.9	(²)	(²)	9.1	(²)	(²)
Iowa City	56.0	(²)	(²)	1.6	(²)	(²)	2.9	(²)	(²)
Sioux City	57.3	57.4	57.1	4.9	5.0	4.3	8.5	8.8	7.6
Waterloo-Cedar Falls	72.0	69.6	69.0	10.0	8.9	7.6	13.9	12.8	11.1
Kansas	1,259.3	1,226.1	1,244.9	59.2	65.3	64.5	4.7	5.3	5.2
Lawrence	36.8	(²)	(²)	1.4	(²)	(²)	3.8	(²)	(²)
Topeka	86.5	86.0	86.5	4.0	4.2	4.3	4.6	4.9	4.9
Wichita	224.1	223.9	226.1	12.5	12.7	12.7	5.6	5.7	5.6
Kentucky	1,688.8	1,656.9	1,675.4	148.0	165.3	151.9	8.8	10.0	9.1
Lexington-Fayette	178.7	174.2	174.1	9.7	9.6	9.1	5.4	5.5	5.2
Louisville	491.4	481.3	489.3	37.8	37.4	34.4	7.7	7.8	7.0
Owensboro	45.6	43.5	43.8	4.4	5.5	4.8	9.6	12.7	11.1
Louisiana	1,994.9	1,987.9	1,985.6	227.2	267.1	257.8	11.4	13.4	13.0
Alexandria	58.6	(²)	(²)	5.7	(²)	(²)	9.7	(²)	(²)
Baton Rouge	259.7	257.9	257.9	26.3	29.7	28.0	10.1	11.5	10.9
Houma-Thibodaux	80.4	77.5	77.0	9.2	13.1	13.0	11.4	17.0	16.9
Lafayette	110.0	112.7	112.0	10.0	14.8	15.2	9.1	13.2	13.6
Lake Charles	78.6	73.8	74.0	11.7	11.6	11.2	15.3	15.7	15.1
Monroe	68.5	68.2	68.0	6.4	7.1	6.8	9.4	10.5	10.0
New Orleans	613.4	596.4	592.5	69.2	67.5	64.7	11.3	11.3	10.9
Shreveport	169.8	166.1	165.5	13.3	20.7	19.7	7.8	12.4	11.9
Maine	542.8	555.1	561.2	28.7	35.0	29.1	5.3	6.3	5.2
Lewiston-Auburn	39.7	40.5	40.6	2.5	2.9	2.5	6.3	7.2	6.1
Portland	110.0	113.0	114.2	3.0	3.5	3.1	2.7	3.1	2.7
Maryland	2,247.1	2,281.2	2,314.6	94.7	91.1	86.4	4.2	4.0	3.7
Baltimore	1,102.9	1,109.5	1,123.4	55.3	52.2	48.8	5.0	4.7	4.3

See footnotes at end of table.

STATE AND AREA LABOR FORCE DATA
NOT SEASONALLY ADJUSTED

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Massachusetts ¹	3,062.5	3,035.5	3,046.7	105.0	116.3	121.7	3.4	3.8	4.0
Boston	1,513.7	1,508.4	1,516.3	45.0	49.2	54.7	3.0	3.3	3.6
Brockton	95.3	94.1	95.5	3.5	4.0	4.6	3.7	4.2	4.9
Fall River	76.7	75.5	75.2	4.1	4.9	5.1	5.4	6.5	6.8
Fitchburg-Leominster	46.1	47.7	47.2	1.9	2.0	2.2	4.0	4.3	4.6
Lawrence-Haverhill	183.7	188.7	186.6	9.1	9.1	9.3	5.0	4.8	5.0
Lowell	152.9	151.8	151.1	6.3	5.8	8.0	4.1	3.7	4.0
New Bedford	88.0	85.8	85.6	4.6	5.3	5.0	5.2	6.2	5.8
Pittsfield	39.6	39.1	39.6	1.4	1.7	1.7	3.5	4.3	4.2
Springfield	249.4	244.1	243.3	9.1	10.4	10.2	3.6	4.3	4.2
Worcester	204.0	203.4	202.0	6.4	7.3	7.4	3.1	3.6	3.6
Michigan ¹	4,347.7	4,326.3	4,402.1	427.1	393.5	415.9	9.8	9.1	9.4
Ann Arbor	144.6	(²)	(²)	10.0	(²)	(²)	6.9	(²)	(²)
Battle Creek	62.8	(²)	(²)	6.4	(²)	(²)	10.2	(²)	(²)
Benton Harbor	75.5	(²)	(²)	8.0	(²)	(²)	10.7	(²)	(²)
Detroit	2,087.9	(²)	(²)	189.4	(²)	(²)	9.1	(²)	(²)
Flint	201.3	(²)	(²)	25.8	(²)	(²)	12.8	(²)	(²)
Grand Rapids	337.2	(²)	(²)	29.4	(²)	(²)	8.7	(²)	(²)
Jackson	62.5	(²)	(²)	6.5	(²)	(²)	10.4	(²)	(²)
Kalamazoo	108.5	(²)	(²)	8.2	(²)	(²)	7.6	(²)	(²)
Lansing-East Lansing	226.7	(²)	(²)	16.3	(²)	(²)	7.2	(²)	(²)
Muskegon	68.9	(²)	(²)	9.1	(²)	(²)	13.2	(²)	(²)
Saginaw-Bay City-Midland	178.6	(²)	(²)	18.2	(²)	(²)	10.2	(²)	(²)
Minnesota	2,242.4	2,243.5	2,255.6	116.1	138.6	113.3	5.2	6.2	5.0
Duluth	104.1	103.9	103.5	8.8	10.6	8.4	8.5	10.2	8.2
Minneapolis-St.Paul	1,298.0	1,325.4	1,331.1	52.8	62.0	54.2	4.1	4.7	4.1
Rochester	58.1	(²)	(²)	2.3	(²)	(²)	3.9	(²)	(²)
St. Cloud	85.6	88.3	88.8	5.7	5.9	4.7	6.6	6.6	5.3
Mississippi	1,126.6	1,148.5	1,164.1	109.3	126.9	133.5	9.7	11.0	11.5
Jackson	185.9	192.0	193.4	12.3	14.2	14.7	6.6	7.4	7.6
Missouri	2,481.8	2,504.0	2,540.0	144.5	133.2	139.7	5.8	5.3	5.5
Kansas City	811.8	789.9	795.7	33.6	34.2	34.3	4.1	4.3	4.3
St. Joseph	41.8	(²)	(²)	2.6	(²)	(²)	6.3	(²)	(²)
St. Louis	1,220.0	1,229.7	1,242.5	89.3	75.3	79.3	7.3	6.1	6.4
Springfield	114.5	116.1	118.1	6.0	5.1	5.1	5.3	4.4	4.3
Montana	409.5	408.0	410.3	29.0	33.7	29.3	7.1	8.3	7.1
Nebraska	822.7	829.3	839.1	42.6	43.3	39.1	5.2	5.2	4.7
Lincoln	117.0	118.4	119.3	4.0	4.0	3.5	3.4	3.4	3.0
Omaha	315.0	315.6	315.2	18.7	17.6	15.8	5.9	5.6	5.0
Nevada	509.2	515.2	519.6	40.5	34.6	30.8	8.0	6.7	5.9
Las Vegas	291.2	296.1	298.3	24.8	20.5	18.7	8.5	6.9	6.3
Reno	128.6	130.3	131.1	8.4	7.6	6.6	6.6	5.8	5.0
New Hampshire	528.8	559.5	562.5	21.3	18.7	18.0	4.0	3.3	3.2
Manchester	79.2	(²)	(²)	2.4	(²)	(²)	3.0	(²)	(²)
Nashua	88.3	89.8	89.8	3.1	2.9	3.1	3.6	3.3	3.4
New Jersey ¹	3,836.2	3,855.4	3,931.8	190.8	181.1	206.7	5.0	4.7	5.3
Atlantic City	163.6	(²)	(²)	11.2	(²)	(²)	6.8	(²)	(²)
Bergen-Passaic	698.5	704.9	715.3	31.9	30.2	34.9	4.6	4.3	4.9
Jersey City	269.9	262.7	268.2	29.6	20.9	23.9	11.0	8.0	8.9
Middlesex-Somerset-Hunterdon	518.8	532.9	541.7	18.3	18.4	21.4	3.5	3.5	3.9
Monmouth-Ocean	439.2	443.0	458.2	16.2	16.6	18.9	3.7	3.8	4.1
Newark	961.4	958.8	973.7	47.5	47.8	55.3	4.9	5.0	5.7
Trenton	162.3	166.1	168.5	6.6	6.4	7.3	4.1	3.9	4.3
Vineland-Milville-Bridgeton	55.6	(²)	(²)	4.9	(²)	(²)	8.7	(²)	(²)
New Mexico	646.0	666.7	674.1	57.1	61.0	60.6	6.8	9.2	9.0
Albuquerque	240.7	252.6	253.2	16.1	15.5	15.3	6.7	6.1	6.0
Las Cruces	53.2	54.0	55.9	4.8	3.9	4.1	9.0	7.2	7.3
Santa Fe	58.6	62.1	63.1	3.0	3.3	3.1	5.1	5.3	5.0

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a	May 1985	Apr. 1986	May 1986 ^a
New York¹	8,114.8	8,236.4	8,255.2	555.3	553.6	568.0	6.8	6.7	6.9
Albany-Schenectady-Troy	388.4	402.2	402.9	21.1	21.2	23.4	5.4	5.3	5.8
Binghamton	123.4	122.6	123.3	7.7	7.7	8.7	6.2	6.3	7.0
Buffalo	419.0	427.8	432.1	32.7	31.4	34.8	7.8	7.3	8.0
Elmira	38.4	38.7	39.1	3.7	2.8	2.9	9.5	7.2	7.3
Glens Falls	48.0	47.6	48.8	3.4	3.8	3.6	7.0	8.0	7.3
Nassau-Suffolk	1,332.3	1,379.0	1,386.7	64.6	54.4	87.5	4.8	3.9	4.9
New York	3,804.9	3,835.2	3,820.0	292.6	297.8	278.6	7.7	7.8	7.3
New York City ¹	3,172.0	3,195.0	3,178.0	267.0	278.0	253.0	8.4	8.7	7.9
Orange County	117.4	120.0	120.5	6.4	6.1	8.7	5.4	5.1	5.8
Poughkeepsie	121.3	123.3	123.6	4.6	4.5	5.3	3.8	3.8	4.3
Rochester	475.6	481.7	483.1	25.7	26.3	30.6	5.4	5.5	6.3
Syracuse	298.9	309.3	310.9	18.4	22.4	26.8	6.2	7.2	8.6
Utica-Rome	131.0	130.8	130.8	10.7	9.9	9.9	8.2	7.5	7.8
North Carolina¹	3,084.8	3,105.1	3,142.8	166.9	158.4	170.8	5.4	5.1	5.4
Asheville	85.5	85.4	86.8	4.3	4.2	5.1	5.0	4.9	5.8
Charlotte-Gastonia-Rock Hill	578.2	578.9	586.7	33.9	25.9	28.8	5.9	4.5	4.9
Greensboro-Winston-Salem-High Point	487.1	498.6	502.7	20.1	21.8	23.9	4.1	4.4	4.8
Raleigh-Durham	364.5	376.2	375.9	10.2	10.4	12.9	2.8	2.8	3.4
North Dakota	345.7	343.3	352.9	18.8	25.1	21.5	5.4	7.3	6.1
Bismarck	45.6	46.1	46.8	3.0	3.6	3.3	8.6	7.9	7.0
Fargo-Moorhead	81.5	84.1	84.5	3.2	4.3	3.3	3.9	5.2	4.0
Grand Forks	35.3	38.2	36.7	1.3	1.6	1.2	3.6	4.3	3.4
Ohio¹	5,054.4	5,217.0	5,179.6	380.8	413.2	388.9	7.5	7.9	7.5
Akron	302.4	323.2	321.4	22.8	26.0	23.5	7.5	8.1	7.3
Canton	187.1	(^a)	(^a)	17.6	(^a)	(^a)	9.4	(^a)	(^a)
Cincinnati	700.7	720.1	719.9	44.3	46.0	48.4	6.3	6.4	6.7
Cleveland	908.9	926.7	917.8	66.1	67.5	82.3	7.3	7.3	6.8
Columbus	640.8	675.6	672.4	36.5	39.1	37.8	5.7	5.8	5.6
Dayton-Springfield	441.9	455.1	450.9	26.5	28.8	26.5	8.0	8.3	5.9
Toledo	291.1	302.7	302.9	20.3	24.8	25.7	7.0	8.2	8.5
Youngstown-Warren	216.4	(^a)	(^a)	20.5	(^a)	(^a)	9.5	(^a)	(^a)
Oklahoma	1,587.1	1,598.9	1,614.3	109.5	130.1	138.5	6.9	8.1	8.6
Enid	32.5	(^a)	(^a)	2.3	(^a)	(^a)	7.1	(^a)	(^a)
Lawton	47.6	47.3	47.5	2.1	2.4	2.5	4.5	5.0	5.3
Oklahoma City	518.0	518.4	518.5	29.2	33.5	34.9	5.6	8.5	8.8
Tulsa	345.1	352.0	356.0	24.4	29.6	31.5	7.1	8.4	8.8
Oregon	1,320.8	1,321.7	1,325.3	114.1	126.2	121.3	8.6	9.5	9.2
Eugene-Springfield	131.7	130.7	131.5	11.5	12.7	12.2	8.8	9.7	9.3
Portland	597.3	595.4	597.1	43.2	46.3	46.0	7.2	7.8	7.7
Salem	118.5	121.9	122.7	9.9	11.9	11.7	8.3	9.8	9.8
Pennsylvania¹	5,473.3	5,580.9	5,637.4	457.8	391.5	433.3	8.4	7.0	7.7
Allentown-Bethlehem	311.4	315.5	322.9	24.8	24.7	29.4	7.9	7.8	9.1
Altoona	56.6	56.5	59.3	5.5	5.4	6.0	9.8	9.3	10.2
Beaver County	67.9	66.2	66.9	9.9	8.4	9.0	14.8	12.7	13.5
Erie	125.0	127.7	129.7	11.5	11.3	12.3	9.2	8.8	9.5
Harrisburg-Lebanon-Carlisle	292.1	301.9	305.3	16.3	16.0	16.8	5.8	5.3	5.5
Johnstown	93.9	95.2	95.7	11.8	11.0	11.1	12.8	11.6	11.6
Lancaster	196.4	203.7	207.3	8.9	7.3	8.2	4.5	3.6	3.9
Philadelphia	2,274.1	2,327.2	2,347.1	142.2	117.8	138.5	6.3	5.1	5.9
Pittsburgh	947.9	961.7	969.1	91.2	76.8	81.5	9.6	8.0	8.4
Reading	185.0	186.9	170.9	13.2	12.8	14.3	8.0	7.6	8.3
Scranton-Wilkes-Barre	333.4	337.8	343.7	32.8	28.5	31.3	9.8	8.4	9.1
Sharon	49.5	50.1	50.5	5.4	4.1	4.2	10.9	8.3	8.4
State College	53.8	57.8	57.7	4.0	3.4	3.7	7.4	5.9	6.4
Williamsport	53.8	55.5	56.0	5.7	4.1	4.3	10.6	7.4	7.7
York	200.1	204.0	206.5	14.1	11.2	12.4	7.1	5.5	6.0
Rhode Island	504.6	500.9	507.4	24.8	19.5	17.5	4.9	3.9	3.4
Pawtucket-Woonsocket-Attleboro	163.7	164.5	185.3	8.6	7.9	7.3	5.2	4.8	4.4
Providence	328.1	324.7	328.8	15.8	12.0	10.9	4.8	3.7	3.3
South Carolina	1,570.5	1,580.4	1,599.0	106.7	107.0	104.8	8.8	8.8	8.6
Charleston	209.6	211.3	215.5	8.9	10.2	10.5	4.2	4.8	4.9
Columbia	213.1	218.6	219.7	7.4	8.1	8.1	3.5	3.7	3.7
Greenville-Spartanburg	309.2	311.5	313.9	19.1	18.4	17.7	6.2	5.9	5.6
South Dakota	353.1	348.2	357.6	16.8	14.1	14.3	4.7	4.0	4.0
Rapid City	38.3	37.7	36.5	1.9	1.5	1.5	4.9	3.9	3.8
Sioux Falls	68.3	68.9	70.1	2.8	2.5	2.3	4.0	3.6	3.4

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P	May 1985	Apr. 1986	May 1986 ^P
Tennessee	2,221.9	2,265.7	2,274.2	163.3	177.8	165.5	7.4	7.8	7.3
Chattanooga	196.0	201.9	203.1	13.3	13.9	12.7	6.8	6.9	6.3
Johnson City-Kingsport-Bristol	207.5	210.5	211.5	14.8	15.5	14.6	7.1	7.4	7.0
Knoxville	267.6	272.5	270.3	18.3	21.0	19.5	6.8	7.7	7.2
Memphis LMA	412.4	415.7	419.2	25.1	27.9	26.1	6.1	6.7	6.2
Nashville	483.1	487.3	489.9	20.7	23.4	21.6	4.3	4.8	4.4
Texas¹	7,966.8	7,982.1	8,023.3	522.8	652.2	749.6	6.6	8.2	9.3
Abilene	55.4	55.4	55.5	2.8	4.4	5.2	5.0	7.9	9.4
Amarillo	99.9	97.7	98.3	5.4	6.1	6.8	5.4	6.2	6.9
Austin	405.9	410.1	411.7	14.2	19.7	23.7	3.5	4.8	5.6
Beaumont-Port Arthur	168.6	159.3	160.7	21.9	22.6	26.2	13.0	14.2	16.3
Brazoria	79.2	78.4	79.3	6.6	7.9	9.5	8.3	10.0	11.9
Brownsville-Harlingen	91.3	91.1	91.8	13.0	14.0	15.0	14.2	15.4	16.3
Bryan-College Station	56.1	(²)	(²)	2.5	(²)	(²)	4.5	(²)	(²)
Corpus Christi	164.8	165.1	167.3	14.2	17.8	22.0	8.6	10.8	13.2
Dallas	1,343.1	1,365.0	1,365.8	58.4	71.4	80.0	4.3	5.2	5.9
El Paso	212.9	208.3	210.7	23.1	23.0	26.0	10.9	11.1	12.3
Fort Worth-Arlington	622.8	633.1	629.6	28.3	43.5	44.1	4.5	6.9	7.0
Galveston-Texas City	107.5	104.4	105.8	10.3	11.1	13.0	9.6	10.6	12.3
Houston	1,627.8	1,616.5	1,631.5	122.6	145.5	175.2	7.5	9.0	10.7
Killeen-Temple	83.6	84.4	84.9	5.3	5.9	6.6	8.3	7.0	7.8
Laredo	41.9	(²)	(²)	5.6	(²)	(²)	13.3	(²)	(²)
Longview-Marshall	80.2	79.4	80.1	7.4	9.4	11.1	9.2	11.8	13.9
Lubbock	107.5	107.3	107.3	6.1	7.0	7.8	5.7	6.6	7.3
McAllen-Edinburg-Mission	137.5	138.1	135.9	23.1	24.2	24.0	16.8	17.8	17.7
Midland	52.5	51.4	52.2	2.7	4.5	8.1	5.1	8.8	11.6
Odessa	60.9	59.1	60.5	3.7	6.8	9.7	6.1	11.6	16.0
San Angelo	44.5	(²)	(²)	2.2	(²)	(²)	4.9	(²)	(²)
San Antonio	548.9	545.6	549.9	29.7	34.9	41.9	5.4	6.4	7.6
Sherman-Denison	46.5	(²)	(²)	3.4	(²)	(²)	7.3	(²)	(²)
Texarkana	56.0	(²)	(²)	4.6	(²)	(²)	8.3	(²)	(²)
Tyler	73.5	74.6	74.6	4.4	5.7	6.5	5.9	7.6	8.8
Victoria	38.1	(²)	(²)	2.4	(²)	(²)	6.3	(²)	(²)
Waco	87.3	87.9	88.0	4.8	6.4	7.6	5.5	7.2	8.6
Wichita Falls	56.2	(²)	(²)	3.1	(²)	(²)	5.6	(²)	(²)
Utah	727.0	739.0	740.4	41.1	39.4	38.2	5.6	5.3	5.2
Provo-Orem	89.6	94.7	90.8	5.7	4.9	4.8	6.4	5.2	5.1
Salt Lake City-Ogden	481.6	491.4	494.1	24.4	23.5	22.9	5.1	4.8	4.6
Vermont	274.9	283.5	282.2	12.6	14.2	12.8	4.6	5.0	4.5
Burlington	88.6	69.6	69.7	2.3	2.1	2.1	3.4	3.0	3.0
Virginia	2,857.9	2,855.4	2,891.3	158.2	150.4	141.4	5.5	5.3	4.9
Charlottesville	84.7	(²)	(²)	3.8	(²)	(²)	5.9	(²)	(²)
Danville	52.1	(²)	(²)	5.2	(²)	(²)	10.0	(²)	(²)
Lynchburg	73.5	72.4	73.1	4.6	4.9	5.0	6.2	6.8	6.9
Norfolk-Virginia Beach-Newport News	562.8	566.0	575.4	27.5	27.4	26.5	4.9	4.8	4.6
Richmond-Petersburg	405.9	405.1	409.8	19.7	19.9	18.1	4.9	4.9	4.4
Roanoke	114.6	114.7	116.0	5.5	5.6	5.2	4.8	5.0	4.5
Washington	2,123.3	2,145.8	2,180.9	163.3	167.6	163.0	7.7	7.8	7.5
Seattle	916.7	939.8	949.6	58.3	57.6	58.1	6.4	6.1	6.1
West Virginia	764.7	730.1	743.5	90.7	79.3	77.6	11.9	10.9	10.4
Charleston	119.8	115.5	118.0	12.2	9.9	9.9	10.1	8.6	8.4
Huntington-Ashland	128.5	124.6	126.1	13.3	13.3	13.2	10.3	10.7	10.5
Parkersburg-Marietta	72.2	71.9	71.3	7.1	7.8	7.0	9.9	10.9	9.8
Wheeling	74.1	71.7	72.2	8.6	8.1	7.9	11.5	11.3	10.9
Wisconsin	2,371.9	2,358.3	2,369.6	154.3	171.8	154.4	6.5	7.3	6.5
Appleton-Oshkosh-Neenah	154.7	156.3	157.2	9.9	10.7	9.8	6.4	6.9	6.2
Eau Claire	66.0	65.9	66.3	4.4	4.5	3.9	6.7	6.8	5.9
Green Bay	97.1	97.6	97.7	5.5	5.9	5.4	5.7	6.0	5.5
Janesville-Beloit	68.6	69.0	68.7	4.6	5.8	5.3	6.6	8.4	7.8
Kenosha	55.5	52.8	52.4	4.6	6.6	6.2	8.3	12.4	11.8
La Crosse	50.1	50.8	50.4	3.1	3.0	2.7	6.2	5.9	5.4
Madison	203.7	204.2	204.8	8.0	9.0	8.3	3.9	4.4	4.0
Milwaukee	707.5	702.7	706.4	42.3	43.3	42.4	6.0	6.2	6.0
Racine	84.0	82.5	82.6	7.3	7.0	6.4	8.6	8.5	7.8
Sheboygan	52.1	52.0	52.5	3.4	3.4	3.1	6.5	6.5	5.9
Wausau	55.5	54.7	54.9	4.3	4.5	3.8	7.7	8.2	6.9
Wyoming	254.7	252.7	256.2	18.1	27.3	23.9	7.1	10.8	9.3

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

² Not available.

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

^P = preliminary.

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

benchmarked to 1985 Current Population Survey annual averages. Except in the 11 States and 2 areas designated by footnote 1, estimates for 1988 are provisional and will be revised when new benchmark information becomes available. Area definitions are published annually in the May issue of this publication.

Explanatory Notes

Introduction

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

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 59,500 households, representing 729 areas in 1,973 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are currently based on payroll reports from a sample of 250,000 establishments employing over 38 million nonagricultural wage and salary workers. The data relate to all workers, full or part time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other

because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on the levels and trends of the two series are as follows.

Employment

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

Multiple jobholding. The household survey provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all civilians who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management disputes, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates From Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to average earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see *Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey*, BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid \$1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of \$20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are

sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Economics and Statistics Service series and the treatment of dual jobholders, who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of their impact on differences in the levels and trends of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or sample surveys of manufacturing and business establishments. The major reasons for noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in *County Business Patterns* (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. Historical national data are published in *Labor Force Statistics Derived From the Current Population Survey: A Databook*, BLS Bulletin 2096.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 14 years of age are not covered in the regular monthly enumerations, and are excluded from the population and labor force statistics shown in this report. Data on the members of the Armed Forces stationed in the United States, who are included as part of the categories "noninstitutional population," "labor force," and "total employment," are obtained from the Department of Defense.

Each month about 59,500 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 59,500 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one half to be common with the same month a year earlier.

CONCEPTS AND DEFINITIONS

The concepts and definitions underlying labor force data have been modified, but not substantially altered, since the inception of the survey in 1940; those used since 1967 are as follows:

Employed persons are (a) all civilians who, during the survey week, did any work at all as paid employees, in their own business, profession, or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family; and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management disputes, or personal reasons, whether they were paid for the time off or were seeking other jobs. Members of the Armed Forces stationed in the United States are also included in the employed total.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries who are temporarily in the United States but not living on the premises of an embassy. Excluded are persons whose only activity consisted of work around the house (painting, repairing, or own home housework) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons are all civilians who had no employment during the survey week, were available for work, except for temporary illness, and had made specific efforts to find employment sometime during the prior 4 weeks. Persons who were waiting to be recalled to a job from which they had laid off or were waiting to report to a new job within 30 days need not be looking for work to be classified as unemployed.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployment is also categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into four major groups. (1) *Job losers* are persons whose employment ended involuntarily who immediately began looking for work, and persons on layoff. (2) *Job leavers* are persons who quit or otherwise terminated

their employment voluntarily and immediately began looking for work. (3) *Reentrants* are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) *New entrants* are persons who never worked at a full-time job lasting 2 weeks or longer. Each of these four categories of the unemployed may be expressed as an unemployment rate or proportion of the entire civilian labor force; the sum of the four rates thus equals the unemployment rate for all civilian workers.

Jobseekers are all unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week. Jobseekers do not include those persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some other method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated labor pickup point.

The *civilian labor force* comprises all civilians classified as employed or unemployed in accordance with the criteria described above. The *labor force* also includes members of the Armed Forces stationed in the United States.

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

The *unemployment rate for all civilian workers* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, race, Hispanic origin, marital status, etc.

Participation rates represent the proportion of the population that is in the labor force. The *labor force participation rate* is the ratio of the labor force, including the resident Armed Forces, to the noninstitutional population. The *civilian labor force participation rate* is the ratio of the civilian labor force to the civilian noninstitutional population. Civilian labor force participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the noninstitutional population that is employed. The *total employment-population ratio* is total employment, including the resident Armed Forces,

as a percent of the noninstitutional population. The *civilian employment-population ratio* is the percentage of all employed civilians in the civilian noninstitutional population.

Not in the labor force includes all persons who are not classified as employed or unemployed. These persons are further classified as engaged in own home housework, in school, unable to work because of long-term physical or mental illness, retired, and other. The "other" group includes individuals reported as too old or temporarily unable to work, the voluntarily idle, seasonal workers for whom the survey week fell in an off season and who were not reported as looking for work, and persons who did not look for work because they believed that no jobs were available in the area or that no jobs were available for which they could qualify—discouraged workers. Persons doing only incidental, unpaid family work (less than 15 hours in the specified week) are also classified as not in labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work, desire for a job at the time of interview, and reasons for not looking for work are published on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969 these questions were asked in those households entering the sample for the first time and those returning for the second 4 months of interviewing, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time job lasting 2 weeks or more. The classifications of occupations and industries used in data derived from the CPS are defined as in the 1980 census. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies wage and salary workers subdivided into private and government workers; self-employed workers; and unpaid family workers. Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to

whom they are related by birth or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, persons who normally work 40 hours a week but were off on the Columbus Day holiday would be reported as working 32 hours even though they were paid for the holiday. For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week; all the hours are credited to the major job.

Persons who worked 35 hours or more during the survey week are designated as working *full time*. Persons who worked between 1 and 34 hours are designated as working *part time*. Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or noneconomic reasons). Economic reasons include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. Noneconomic reasons include: Labor dispute, bad weather, own illness, vacation, demands of home or school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

Data on employment "at work" differ from data on total employment because they exclude persons in the zero-hours-worked category, "with a job but not at work." These are persons who were absent from their jobs for the entire week for such reasons as bad weather, vacation, illness, or involvement in a labor dispute.

Employed persons are also categorized into full- and part-time groupings based primarily on their *usual status*. In this context, *full-time workers* are those who (a) worked 35 hours or more during the survey week, (b) worked 1 to 34 hours for economic or noneconomic reasons, but usually work full time, and (c) were with a job but not at work and usually work full time. Similarly, *part-time workers* are those who (a) voluntarily worked 1 to 34 hours during the survey week, (b) worked 1 to 34 hours for economic reasons, but usually work part time, i.e., persons who could only find part-time work; and (c) were with a job but not at work and usually work part time.

Unemployment rates for full- and part-time workers are calculated using the concepts of the *full- and part-time labor force* which are based on the type of job—full or part-time—that persons—whether working or unemployed—report that they want. The "full-time labor force" includes all persons working part time but who desire full-time work, that is, working part time for economic reasons. Thus, this category consists of per-

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

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

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

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

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

Usual weekly earnings data are provided from responses to the question "How much does . . . USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of usual, interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months. Data refer to wage and salary workers (excluding the incorporated self-employed) who usually work full time on their sole or primary job.

Median earnings indicate the value which divides the earnings distribution into two equal parts, one part hav-

ing values above the median and the other having values below the median. The medians as shown in this publication are calculated by linear interpolation of the \$50 centered interval within which each median falls.

Data expressed in constant dollars are deflated by the Consumer Price Index for All Urban Consumers (CPI-U).

Single, never married; married, spouse present; and other marital status are terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were reported as members of the same household even though one may be temporarily absent on business, vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent, includes persons who are separated because of marital discord, as well as persons who are living apart because either the husband or the wife was employed and living away from home, serving in the Armed Forces, or had a different place of residence for any reason.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room is regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but relates only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family even though they may include a related subfamily, that is, a married couple or a parent-child group related by birth or marriage to the householder and sharing the living quarters. The count of families used in this publication excludes unrelated subfamilies such as lodgers, guests, or resident employees living in a household but not related to the householder. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

Poverty areas are defined as those census tracts in tracted areas, and Minor Civil Division's (MCD's) in untraced areas, in which 20 percent or more of the noninstitutional residents were poor according to the

1980 decennial census. Persons were classified as poor or nonpoor by comparing money income to a series of poverty income thresholds which vary by family size and number of children. While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas, and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all Metropolitan Statistical Areas (MSA's) as defined by the Office of Management and Budget (OMB) as of June 30, 1984. These definitions differ from those used in the 1980 decennial census. A detailed discussion of the MSA definitions as well as changes in terminology can be found in "The New Metropolitan Area Definitions" section of the *1980 Census of Population Supplementary Report on Metropolitan Statistical Areas*, PC-S1-18. Nonmetropolitan areas consist of the total territory outside MSA's.

The *urban population*, as defined for the 1980 census, comprises all persons living in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, the urban population consists of all persons living in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those persons living in the rural portions of extended cities; and (2) other territories, incorporated and unincorporated, included in urbanized areas. The population not classified as urban constitutes the rural population.

HISTORICAL COMPARABILITY

Change in lower age limit

The lower age limit for official statistics on the labor force, employment, and unemployment was raised from 14 to 16 years of age in January 1967. Insofar as possible, historical series have been revised to provide consistent information based on the population 16 years and over. For a detailed discussion of this and other definitional changes introduced at that time, including estimates of their effect on the various series, see "New Definitions for Employment and Unemployment," *Employment and Earnings and Monthly Report on the Labor Force*, February 1967.

Noncomparability of labor force levels

In addition to the changes introduced in 1967, there are several other periods of noncomparability in the labor force data: (1) Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; labor force, total employment, and agricultural employment were increased by about

350,000, primarily affecting the figures for totals and men; other categories were relatively unaffected. (2) Beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected. (3) Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and labor force and employment by about 200,000; unemployment totals were virtually unchanged. (4) Beginning in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; and unemployment levels and rates were essentially unchanged. (5) A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

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

Effective in July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 men and 46,000 women. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the other population.

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

the Current Population Survey in January 1978” in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in January 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. Differences between the old and new procedures existed only for metropolitan and nonmetropolitan area estimates, not for the total United States. The reasoning behind the change and an indication of the differences appear in “Revisions in the Current Population Survey in January 1979” in the February 1979 issue of *Employment and Earnings*.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in “Revisions in the Current Population Survey Beginning in January 1982” in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates for labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article cited above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Beginning in January 1983, the first-stage ratio adjustment methodology was updated to account for results obtained from the 1980 census. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in “Revisions in the Current Population Survey Beginning in January 1983” in the February 1983 issue of *Employment and Earnings*. There were only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and vir-

tually no differences in estimates of participation rates.

Beginning in January 1985, most of the steps of the CPS estimation procedure—the noninterview adjustment, the first and second-stage ratio adjustments, and the composite estimator—were revised. These procedures are described in the Estimating Methods section. A description of the changes and an indication of their effect on national estimates of labor force characteristics appear in “Changes in Estimation Procedure in the Current Population Survey Beginning in January 1985” in the February 1985 issue of this publication. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin. Major estimates were revised back to January 1980.

Beginning in January 1986, the population controls used in the second-stage ratio adjustment methodology were revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of legal foreign-born emigrants for the same time period. As a result, the total civilian population and labor force estimates were raised by nearly 400,000; civilian employment was increased by about 350,000. The Hispanic-origin civilian population and labor force estimates were raised by about 425,000 and 305,000, respectively, and civilian employment by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the magnitude of the adjustments for Hispanics, data have been revised back to January 1980 to the extent possible. An explanation of the changes and their effect on estimates of labor force characteristics appears in “Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986” in the February 1986 issue of this publication.

Changes in the occupational and industrial classification systems

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

and February 1972 issues, respectively, of *Employment and Earnings*.

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

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

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

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

Changes in the sample design

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

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, the number of sample areas and the number of sample persons are increased occasionally. In 1953, the current rotation plan was introduced in which a sample unit is interviewed for 4 months, leaves the sample for 8 months, and then returns to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was

begun, though a portion of the sample is still collected using area sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated into the design. In October 1978 a coverage improvement sample, composed of approximately 450 sample household units which represented 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates in order to provide coverage of mobile homes and new construction units that previously had no chance for selection in the CPS sample selected from the 1970 census frame. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. Beginning in January 1982, the sample was expanded by 100 households to provide additional coverage in counties added to SMSA's, which were redefined in 1973.

Beginning in 1985, a new State-based CPS sample was selected based on 1980 census information rather than 1970 census information. The selection of new sample areas provided an opportunity to improve the efficiency of the sample design. Sample areas chosen to replace incoming sample areas account for only 10 percent of the national estimate. The new CPS sample has resulted in increased reliability for State estimates with a slightly reduced sample size. The reliability of national estimates is unaffected. Sample households are chosen from 729 sample areas, which represent 1,973 geographic areas in the United States. This current number of sample areas is not completely comparable to the old number of sample areas since many of the sample areas have been redefined. (See pp. 7-10 of the May 1984 issue of *Employment and Earnings*, for an overview of these new definitions and the introduction of the new sample.)

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

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire

panel of respondents. The estimation procedure involves weighting the data from each sample person by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that the sample person represents. Beginning in 1985, almost all sample persons within the same State will have the same probability of selection. These estimates are then adjusted for noninterviews, and the ratio estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondents for other reasons. This noninterview adjustment is made separately by combinations of similar sample areas that are not necessarily contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each combination of sample areas there is a further breakdown by residence. MSA sample areas are categorized by central city and the balance of the MSA. Residence categories of non-MSA areas are urban and rural. The proportion of sample households not interviewed varies from 4 to 5 percent, depending on weather, vacation, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

- a. *First-stage ratio estimate.* In the CPS, a portion of the 729 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The adjustment is made at the State level for each of the 43 States which contains nonsample areas by race cells of black and non-black. The procedure corrects for differences that existed in each cell at the time of the 1980 census between the race distribution of the population in sample areas and the known race distribution of the State.

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

Time period	Number of sample areas	Households eligible		Households visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959	330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to Dec. 1984	629	57,800	2,500	11,000
Jan. 1985 to present	729	57,000	2,500	11,000

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

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

b. *Second-stage ratio estimate.* In this stage, the sample proportions of persons in specific categories are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio adjustment which is performed to further reduce variability of the estimates and to correct to some extent for CPS under-coverage relative to the decennial census, is carried out in three steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over. The second step involves an adjustment by Hispanic origin to a national estimate for 8 age-sex categories by Hispanic and non-Hispanic. In the third step, a national adjustment is made by the race categories of white, black, and other races to independent estimates by age and sex. The white and black categories contain 32 age-sex groups each while the other races category has 6 age-sex cells. The entire second-stage adjustment procedure is iterated six times, each time beginning at the weights developed the previous time. This ensures that the sample estimates of the population for both State and national age-sex-race-origin categories will be virtually equal to the independent population control totals. This second-stage adjustment procedure incorporates changes instituted in January 1985. The nature and effect of these changes are discussed in detail in "Changes in Estimation Procedure in the Current Population Survey Beginning in January 1985" in the February 1985 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980, census through the latest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing

the State total, use Report 640 of that series. A description of the age estimates methodology is available upon request from the Chief of the Population Division, U.S. Bureau of the Census, Washington, D.C. 20233.

Prior to January 1985, there was no separate control for Hispanics in the second-stage ratio procedure. These Hispanic controls are prepared by carrying forward the 1980 census count for Hispanics by adding estimated Hispanic births and immigrants and subtracting estimated Hispanic deaths and emigrants to yield an estimate of the Hispanic population by age and sex.

During the period from January 1982 to December 1984, the "inflation-deflation" method was temporarily discontinued in the preparation of the independent national controls used for the age-sex-race groups in the third step of the second-stage ratio estimation procedure. These controls were prepared by carrying forward the 1980 census data after taking account of subsequent aging of the population, births, deaths, and net migration and then subtracting the estimate for the institutional population and Armed Forces. Beginning in January 1985, the "inflation-deflation" method of deriving independent population controls was reintroduced into the CPS estimation procedure. With the "inflation-deflation" method, the independent controls are prepared by inflating the 1980 census counts to include estimated undercounts by age, sex and race, aging this population forward to each subsequent month and later age by adding births and net migration, and subtracting deaths. These post-censal population estimates are then deflated to census level to reflect the pattern of net undercount in the most recent census by age, sex, and race. Because an estimate of undercount is first added and then subtracted, the size of each race-sex group is unaffected by the "inflation-deflation" method. Similarly, the final estimate is affected only by the age structure of the undercount, but not the level. This feature of the method is important since the exact amount of undercount in the 1980 census remains unknown.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population is derived by subtracting the Armed Forces and the institutional population for the estimate date from the total including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

Beginning in January 1986, two changes were introduced into the estimation of the independent population controls. For the first time, an explicit allowance for net undocumented immigration since April 1, 1980 (the census date) was added to the estimated level of legal immigration. In addition, an increase in the estimate of emigration of legal foreign-born residents has been incorporated into the postcensal population estimates since 1980. The nature and effect of these changes are discussed in detail in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of *Employment and Earnings*.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent), as well as the sample results for the current month. Also included is an additional term which is an estimate of the net difference between incoming and continuing parts of the current month's sample. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of level are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Similarly, sums of percent distributions may not always equal 100 percent because of rounding. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate

based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling error. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS, as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

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

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

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Compared to the level of the decennial census, undercoverage is about 6 percent. It is known that the CPS undercoverage varies with age, sex, race and Hispanic origin. Generally, undercoverage is larger for men than for women, and larger for blacks, Hispanics and other

racers combined than for whites. Ratio estimation to independent age-sex-race-origin population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race-origin group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and in *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive discussion of various sources of error and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard error above the estimate would include the average of all possible samples.
3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations are required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State

estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors are computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

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

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the table may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between 2 consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D, F, H, and I to compute approximate standard errors for levels, labor force participation rates, and percentages as pertaining to the year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50, and for the 1956-66 period, they should be multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

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

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	252	193
Employed	270	205
Unemployed	137	138
Men, 20 years and over:		
Civilian labor force	152	131
Employed	167	146
Unemployed	96	96
Women, 20 years and over:		
Civilian labor force	190	143
Employed	190	147
Unemployed	83	86
Both sexes, 16 to 19 years:		
Civilian labor force	83	90
Employed	86	97
Unemployed	58	64
Black, 16 years and over:		
Civilian labor force	87	66
Employed	95	71
Unemployed	66	69
Men, 20 years and over:		
Civilian labor force	50	44
Employed	57	51
Unemployed	45	48
Women, 20 years and over:		
Civilian labor force	67	47
Employed	67	49
Unemployed	43	46
Both sexes, 16 to 19 years:		
Civilian labor force	32	37
Employed	27	31
Unemployed	30	32

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 159,000. The 68-percent confidence interval as shown by these data is from 11,841,000 to 12,159,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E, the standard error on a month-to-month change of 400,000, when the monthly level is approximately 12,000,000, is about 118,000.

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

Table C. Standard errors for unemployment rates by major characteristics

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

Table D. Standard errors for estimates of monthly level

(In thousands)

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

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

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

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates. Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentage can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. Assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. The standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percent). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately $0.09 \times 1.26 = 0.1$ percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. The approximate standard errors of levels, rates, and percentages involving year-to-year change of

monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate, or percentage, find the standard error of this estimate. For an estimate of change in level, rate, or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. Suppose that one is interested in the year-to-year change of a monthly unemployment rate. Assume that for a certain month the unemployment rate is 6.9 percent, based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent, based on a total of 94,254,000 in the civilian labor force for the month. First the standard error on the average of the two

estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.12 percentage point). The appropriate factor, then, from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by $0.12 \times 1.40 = 0.17$ percentage point.

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

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

Where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same

respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

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

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

or about 259,000.

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

(In thousands)

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

¹ See footnote 1, table D.

² Part-time labor force for unemployment also includes persons

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

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.09	2.94	4.57	6.28	7.46	8.34	9.01	9.05	9.87	10.21
100	1.48	2.08	3.23	4.44	5.28	5.90	6.37	6.73	6.98	7.22
500 .....	.66	.93	1.45	1.99	2.36	2.64	2.85	3.01	3.12	3.27
1,000 .....	.47	.66	1.02	1.40	1.67	1.87	2.01	2.13	2.21	2.28
2,000 .....	.33	.46	.72	.99	1.18	1.32	1.42	1.50	1.56	1.61
4,000 .....	.23	.33	.51	.70	.83	.93	1.01	1.06	1.10	1.14
6,000 .....	.19	.27	.42	.57	.68	.76	.82	.87	.90	.93
10,000 .....	.15	.21	.32	.44	.53	.59	.64	.67	.70	.72
20,000 .....	.10	.15	.23	.31	.37	.42	.45	.47	.49	.51
60,000 .....	.06	.08	.13	.18	.21	.24	.26	.27	.27	.29
100,000 .....	.05	.07	.10	.14	.17	.19	.20	.21	.22	.22

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

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.14	7.18	8.69	9.90	10.93	11.81	12.58	14.48
100	1.64	2.32	3.64	5.08	6.14	7.00	7.12	8.35	8.89	10.17
500 .....	.73	1.04	1.63	2.27	2.74	3.13	3.45	3.73	3.97	4.53
1,000 .....	.52	.73	1.15	1.60	1.94	2.21	2.44	2.63	2.80	3.19
2,000 .....	.37	.52	.81	1.13	1.37	1.56	1.72	1.85	1.97	2.24
4,000 .....	.26	.37	.57	.80	.96	1.10	1.20	1.30	1.36	1.56
6,000 .....	.21	.30	.47	.65	.78	.89	.98	1.05	1.11	-
10,000 .....	.16	.23	.36	.50	.60	.68	.75	.80	-	-
20,000 .....	.12	.16	.25	.35	.42	.47	.51	.54	-	-
60,000 .....	.07	.09	.14	.19	.22	.23	.24	-	-	-
100,000 .....	.05	.07	.11	.14	.15	.15	-	-	-	-

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

Monthly base of percentages (In thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.14	3.01	4.69	6.46	7.68	8.61	9.32	9.86	10.27	10.76
100	1.51	2.13	3.32	4.57	5.43	6.09	6.59	6.97	7.26	7.61
500 .....	.68	.95	1.48	2.04	2.43	2.72	2.95	3.12	3.25	3.40
1,000 .....	.48	.67	1.05	1.44	1.72	1.92	2.08	2.21	2.30	2.41
2,000 .....	.34	.48	.74	1.02	1.22	1.36	1.47	1.56	1.62	1.70
4,000 .....	.24	.34	.52	.72	.86	.96	1.04	1.10	1.15	1.20
6,000 .....	.20	.28	.43	.59	.70	.79	.85	.90	.94	.98
10,000 .....	.15	.21	.33	.46	.54	.61	.66	.70	.73	.76
20,000 .....	.11	.15	.23	.32	.38	.43	.47	.49	.51	.54
40,000 .....	.08	.11	.17	.23	.27	.30	.33	.35	.36	.38
60,000 .....	.06	.09	.14	.19	.22	.25	.27	.28	.30	.31
80,000 .....	.05	.08	.12	.16	.19	.22	.23	.25	.26	.27
100,000 .....	.05	.07	.10	.14	.17	.19	.21	.22	.23	.24
160,000 .....	.04	.05	.08	.11	.13	.15	.16	.17	.18	.19

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

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

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

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages,

Characteristic	Factor				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or men	1.30	0.89	0.80	0.72	0.70
Women or teenagers (16 to 19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black or teenagers (16 to 19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

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

(In thousands)

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

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

COLLECTION

Payroll reports provide current information on wage and salary employment and hours and earnings in nonagricultural establishments, by industry and geographic location. Historical statistics are published in *Employment, Hours, and Earnings, United States, 1909-84*, and *Employment, Hours, and Earnings, States and Areas, 1939-82* and their annual supplements.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space allotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

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

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual (SICM)*, Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

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

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

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 185 seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related

workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of construction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacation, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

Overtime hours cover hours worked by production or related workers for which overtime premiums were

paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which included the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

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

Indexes of aggregate weekly hours. The indexes of aggregate weekly hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hours aggregates are the product of average weekly hours and production worker or nonsupervisory worker employment. At all higher levels of industry aggregation, hours aggregates are the sum of the component aggregates.

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

Since overtime hours are premium hours by definition, weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on average hours.

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

establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

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

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

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

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

Railroad hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total

number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

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

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

Real earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

ESTIMATING METHODS

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

The "link relative" technique

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

Size and regional stratification

A number of industries are stratified by size of

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

Employment, hours, and earnings	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry level (division and, where stratified, industry)
Monthly data		
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. ¹	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employees estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. ²	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.
Average weekly hours	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers. ²	Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production worker overtime hours divided by number of production workers. ²	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.
Average hourly earnings	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours. ²	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Average weekly earnings	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.
Annual average data		
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Average weekly hours	Annual total of aggregate hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Average hourly earnings	Annual total of aggregate payrolls (product of production or nonsupervisory worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total of aggregate payrolls divided by annual aggregate hours.
Average weekly earnings	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.

¹ The estimates are computed by multiplying the above product by bias adjustment factors, which compensate for the underrepresentation of newly formed enterprises and other sources of bias in the sample.

² The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by

a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample and, at the same time, tapers or wedges the estimate toward the level of the latest sample average.

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

Benchmark adjustments

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

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 97 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1985 benchmark adjustment is shown in table M.

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

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

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

¹ Less than 0.05 percent.

THE SAMPLE

Design

The sampling plan used in the Current Employment Statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a larger percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments, with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

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

Coverage

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

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete

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

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

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

² National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 5,100 reports covering about 64 percent of employment in Federal establishments.

census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may accumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the five most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

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

smaller percentage than the relative error from the averages that would have been obtained from a complete census.

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

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

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

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data

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

(In percent)

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

¹ The average percent revision in employment for the 1981-85 benchmarks.

² Relative errors relate to 1982 data.

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

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates ¹	Relative error ² (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	2.2	4.0
100,000	3,900	1.3	2.3
200,000	5,600	1.1	2.0
500,000	14,000	.9	1.6
1,000,000	15,000	.8	1.2
2,000,000	26,000	.5	.9

¹ Assuming 12-month intervals between benchmark revisions.

² Relative errors relate to 1982 data.

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

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

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

Table Q. Errors of preliminary employment estimates

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

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

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

COLLECTION

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

CONCEPTS

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

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

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

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

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour.

Unit nonlabor payments include profits, depreciation, interest, and indirect taxes per unit of output.

They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits.

Unit profits include corporate profits and inventory valuation adjustments per unit of output.

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

NOTES ON THE DATA

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

Manufacturing output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics. Historical statistics for most productivity measures appear in *Trends in Multifactor Productivity, 1948-81*, BLS Bulletin 2178. Additional information may be obtained from the Office of Productivity and Technology (202 523-9261).

State and Area Labor Force Data (D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an area for benefits under Federal programs such as the Job Training Partnership Act and the Public Works and Economic Development Act.

Annual average data for the States and areas shown in table D are published in *Employment and Earnings*

(usually the May issue). For regions, States, selected metropolitan areas, and central cities, annual average data classified by selected demographic, social, and economic characteristics are published in the BLS bulletin, *Geographic Profile of Employment and Unemployment*.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local

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

ESTIMATING METHODS

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

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

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

2. *Preliminary estimate—unemployment*: In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industries covered by State UI laws; (2) those previously employed in industries not covered by these laws; and (3) those who were entering the civilian labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

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

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

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

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

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

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

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

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

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

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

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

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

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment-based data are published regularly in *Employment and Earnings*.

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

Beginning in January 1980, BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and

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

The second change is that seasonal adjustment factors are calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, BLS calculates and publishes in *Employment and Earnings* a set of seasonal adjustment factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years are made at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (men and women under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. The seasonally adjusted figure for the labor force is the sum of eight seasonally adjusted civilian employment components, plus the resident Armed Forces total (not adjusted for seasonality), and four seasonally adjusted unemployment components; the total for unemployment is the sum of the four unemployment components; and the overall unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force. Because of the independent seasonal adjustment of various series, components will not necessarily add to totals.

Revised seasonally adjusted data for selected labor force series based on the experience through December, new seasonal adjustment factors to be used to calculate

the civilian unemployment rate for the first 6 months of the following year, and a description of the current seasonal adjustment methodology are published in each January issue of *Employment and Earnings*. Revised seasonally adjusted data covering the revision period for a broader range of labor force series are published in the February issue of this publication.

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

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours.

Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsuper-

visory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, wholesale trade, retail trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

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

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

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

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COOPERATING STATE AGENCIES

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

BLS Region	
IV ALABAMA	-Research and Statistics Div., Depart. of Industrial Relations, Industrial Relations Building, Room 427, Montgomery 36130
X ALASKA	-Employment Security Division, Department of Labor, P.O. Box 25501, Juneau 99802
IX ARIZONA	-Department of Economic Security, 733-A, P.O. Box 6123, Phoenix 85005
VI ARKANSAS	-Employment Security Division, Department of Labor, State Capitol Mall, P.O. Box 2981, Little Rock 72203
IX CALIFORNIA	-Employment Data and Research Div., Employment Development Depart., P.O. Box 1679, Sacramento 95808.
VIII COLORADO	-Division of Employment and Training, 1330 Fox Street, Denver 80204
I CONNECTICUT	-Employment Security Division, Labor Department, 200 Folly Brook Boulevard, Wethersfield 06109
III DELAWARE	-Department of Labor, University Plaza Office Complex, P.O. Box 9029, Newark 19711
III DIST. OF COL.	-Division of Labor Market Information, Research and Analysis, Department of Employment Services, 500 C Street N.W., Room 411, Washington 20001
IV FLORIDA	-Bureau of Research and Information, Depart. of Labor and Employment Security, 2574 Seagate Drive, Tallahassee 32301
IV GEORGIA	-Department of Labor, 254 Washington Street, S.W., Atlanta 30334
IX HAWAII	-Department of Labor and Industrial Relations, 830 Punchbowl Street, Room 304, Honolulu 96813
X IDAHO	-Department of Employment, P.O. Box 35, Boise 83735
V ILLINOIS	-Bureau of Employment Security, 910 South Michigan Avenue, 12th Floor, Chicago 60605
V INDIANA	-Employment Security Division, 10 North Senate Avenue, Indianapolis 46204
VII IOWA	-Department of Job Service, 1000 East Grand Avenue, Des Moines 50319
VII KANSAS	-Department of Human Resources, 401 Topeka Avenue, Topeka 66603
IV KENTUCKY	-Department for Employment Services, Cabinet for Human Resources, 275 E. Main Street, Frankfort 40621
VI LOUISIANA	-Department of Labor, P.O. Box 44094, Capitol Station, Baton Rouge 70804
I MAINE	-Division of Research and Analysis, Department of Labor, 20 Union Street, Augusta 04330
III MARYLAND	-Research and Analysis Division, Department of Human Resources, 1100 North Eutaw Street, Baltimore 21201
I MASSACHUSETTS	-Division of Employment Security, Charles F. Hurley Building, Government Center, Boston 02114
V MICHIGAN	-Research and Statistics Division, Employment Security Commission, 7310 Woodward Avenue, Detroit 48202
V MINNESOTA	-Department of Jobs and Training, 390 North Robert Street, St. Paul 55101
IV MISSISSIPPI	-Labor Market Information Department, Employment Security Commission, P.O. Box 1699, Jackson 39215-1699
VII MISSOURI	-Division of Employment Security, P.O. Box 59, Jefferson City 65104
VIII MONTANA	-Department of Labor and Industry, P.O. Box 1728, Helena 59601
VII NEBRASKA	-Division of Employment, Department of Labor, P.O. Box 94600, Lincoln 68509
IX NEVADA	-Employment Security Department, 500 East Third Street, Carson City 89713
I NEW HAMPSHIRE	-Department of Employment Security, 32 South Main Street, Concord 03301
II NEW JERSEY	-Division of Planning and Research, Department of Labor, P.O. Box 2765, Trenton 08625
VI NEW MEXICO	-Employment Services Division, Employment Security Department, P.O. Box 1928, Albuquerque 87103
II NEW YORK	-Division of Research and Statistics, Department of Labor, State Campus, Building 12, Albany 12240
IV NORTH CAROLINA	-Labor Market Information Division, Employment Security Commission, P.O. Box 25903, Raleigh 27611
VIII NORTH DAKOTA	-Job Service, P.O. Box 1537, Bismarck 58502
V OHIO	-Labor Market Information Division, Bureau of Employment Services, P.O. Box 1618, Columbus 43216
VI OKLAHOMA	-Research and Planning Division, Employment Security Commission, 310 Will Rogers Memorial Office Building, Oklahoma City 73105
X OREGON	-Employment Division, Department of Human Resources, 875 Union Street N.E., Salem 97311
III PENNSYLVANIA	-Research and Statistics Division, Department of Labor and Industry, 7th and Forster Streets, Harrisburg 17121
II PUERTO RICO	-Department of Labor and Human Resources, Bureau of Labor Statistics, 505 Munoz Rivera Ave., 17th Fl., Hato Rey 00918 (CES). Bureau of Employment Security, 505 Munoz Rivera Ave., 15th Fl., Hato Rey 00918 (LAUS)
I RHODE ISLAND	-Department of Employment Security, 24 Mason Street, Providence 02903
IV SOUTH CAROLINA	-Employment Security Commission, P.O. Box 995, Columbia 29202
VIII SOUTH DAKOTA	-Department of Labor, P.O. Box 1730, Aberdeen 57401
IV TENNESSEE	-Department of Employment Security, Cordell Hull Office Building, Room 519, Nashville 37219
VI TEXAS	-Employment Commission, 15th and Congress Avenue, Austin 78778
VIII UTAH	-Department of Employment Security, P.O. Box 11249, Salt Lake City 84147
I VERMONT	-Department of Employment and Training, P.O. Box 488, Montpelier 05602
III VIRGINIA	-Division of Research and Analysis, Employment Commission, P.O. Box 1358, Richmond 23211
II VIRGIN ISLANDS	-Bureau of Labor Statistics, Department of Labor, P.O. Box 818, St. Thomas 00801
X WASHINGTON	-Employment Security Department, 212 Maple Park, Olympia 98504
III WEST VIRGINIA	-Division of Labor and Economic Security, Depart. of Employment Security, 112 California Avenue, Charleston 25305
V WISCONSIN	-Department of Industry, Labor, and Human Relations, P.O. Box 7944, Madison 53707
VIII WYOMING	-Employment Security Commission, P.O. Box 2760, Casper 82602