



EMPLOYMENT AND EARNINGS

September 1985

U.S. Department of Labor
Bureau of Labor Statistics





U.S. DEPARTMENT OF LABOR
William E. Brock, Secretary

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	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 factors	June ¹
Revised historical national data	Supplement ²
State and area annual averages	May
Area definitions	May

State and area labor force data

Annual averages	May
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¹ Issue varies. Latest revised data introduced June 1985.

² Month of publication varies. The latest supplement was published in June 1985.

Employment and Earnings

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Editors: Gloria Peterson Green, Rosalie K. Epstein

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Employment and Unemployment Developments, August 1985

Employment rose in August and unemployment declined. The overall unemployment rate fell from 7.2 to 6.9 percent, and the rate for civilian workers dropped from 7.3 to 7.0 percent. Both measures had been unchanged since February.

Civilian employment—as measured by the monthly survey of households—rose by 310,000 in August to 107.2 million. The number of nonagricultural payroll jobs—as measured by the monthly survey of establishments—was up by 290,000 to 98.0 million.

Unemployment

The number of unemployed persons decreased by about 325,000 to 8.1 million in August, and the civilian worker unemployment rate fell to 7.0 percent, the lowest level since April 1980. (See table A-33.)

Jobless rates declined for teenagers (to 17.3 percent) and adult men (to 6.0 percent) in August; most of the latter improvement took place among 20-24 year-olds. The rate for adult women, at 6.7 percent, has shown little change since January. Whites, blacks, and Hispanics all shared in the August decline. The rate for black teenagers, which is quite volatile, dipped to 34.4 percent in August. (See tables A-33 and A-34.)

The over-the-month decline in unemployment took place among persons who had lost their last job and those who were new entrants to the labor force. Following an increase in the prior month, short-term joblessness (less than 5 weeks) declined in August. Both measures of average duration of unemployment (the mean and median) changed little over the month. (See tables A-40 and A-41.)

The civilian labor force and employment

The civilian labor force was 115.3 million in August, after seasonal adjustment, unchanged from July. Over the past year, the labor force has increased by 1.6 million, with adult women accounting for 1.2 million of the gain and adult men for 500,000.

Civilian employment rose by 310,000 in August to 107.2 million. Following declines in the April-June period, employment advanced in both July and August, returning to about the March level. This increase brought the employment-population ratio to 60.1 percent, close to the highest on record (60.3 percent in March).

Industry payroll employment

The number of employees on nonagricultural payrolls rose by 290,000 in August, after allowing for normal seasonal movements. Job growth took place in nearly 60 percent of the industries in the BLS index of diffusion. (See tables B-4 and B-7.)

Continued strong growth in service-producing employment was paced by the services industry, which rose by 150,000 over the month. Increases also occurred in wholesale and retail trade and finance, insurance, and real estate. A small employment decline in the transportation portion of the transportation and public utilities industry resulted from a since-settled labor dispute.

In the goods-producing sector, construction employment continued to rise, mining declined slightly, and factory jobs held about steady. Within manufacturing, there was a strong job gain in the transportation equipment industry (35,000), especially in motor vehicles and aircraft. In autos, however, the more scattered timing in production of 1986 model cars reduced the extent of usual August plant shutdowns for retooling, resulting in a seasonally adjusted employment increase. Elsewhere in durable goods, movements were generally small except for the steel industry, where there was a decline due to a strike. Among nondurable goods industries, there were small gains in rubber and printing and publishing, while a drop in apparel employment reversed an increase in the prior month.

Weekly hours

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls was 35.1 hours in August, squarely in the middle of the 35.0-35.2 band it has fluctuated within since last fall. The manufacturing workweek rose 0.2 hour, and factory overtime edged up 0.1 hour. (See table C-5.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls rose 0.7 percent in August to 116.7 (1977=100), seasonally adjusted, as both employment and hours rose. With a 0.8-percent rise, the manufacturing index was slightly higher than the levels prevailing in the summer, though still below those recorded throughout 1984 and early this year. (See table C-6.)

Hourly and weekly earnings

After adjustment for seasonality, average hourly

earnings in August rose 0.4 percent, and average weekly earnings were up 0.6 percent. On an unadjusted basis, hourly earnings were unchanged over the month, and weekly earnings rose by 86 cents. Over the past year, hourly earnings have risen 24 cents, while weekly earnings have gone up \$7.67. (See tables C-1 and C-7.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 165.5

(1977 = 100) in August, seasonally adjusted, essentially unchanged from July. For the 12 months ended in August, the increase was 2.9 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 decreased 1.0 percent during the 12-month period ended in July. (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>
September	October 4	December	January 8
October	November 4	January	February 7
November	December 6	February	March 7

**HOUSEHOLD DATA
HISTORICAL**

A-1. Employment status of the noninstitutional population 16 years and over, 1951 to date

(Numbers in thousands)

Year and month	Noninstitutional population	Labor force									Not in labor force	
		Number	Percent of population	Employed						Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force		
						Total	Agriculture	Nonagricultural industries				
Annual averages												
1951	106,764	64,160	60.1	62,104	2,143	59,961	6,726	53,235	2,055	3.2	42,604	
1952	107,617	64,524	60.0	62,636	2,386	60,250	6,500	53,749	1,883	2.9	43,093	
1953 ¹	109,287	65,246	59.7	63,410	2,231	61,179	6,260	54,919	1,834	2.8	44,041	
1954	110,463	65,785	59.6	62,251	2,142	60,109	6,205	53,904	3,532	5.4	44,678	
1955	111,747	67,087	60.0	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660	
1956	112,919	68,517	60.7	65,764	1,965	63,799	6,283	57,514	2,750	4.0	44,402	
1957	114,213	68,877	80.3	66,019	1,948	64,071	5,947	58,123	2,859	4.2	45,336	
1958	115,574	69,486	60.1	64,883	1,847	63,036	5,586	57,450	4,602	6.6	46,088	
1959	117,117	70,157	59.9	66,418	1,788	64,630	5,565	59,065	3,740	5.3	46,960	
1960 ¹	119,106	71,489	60.0	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617	
1961	120,671	72,359	60.0	67,646	1,900	65,746	5,200	60,546	4,714	6.5	48,312	
1962 ¹	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539	
1963	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583	
1964	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394	
1965	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058	
1966	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288	
1967	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527	
1968	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291	
1969	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602	
1970	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315	
1971	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834	
1972 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	
Monthly data, seasonally adjusted²												
1984:												
August	178,295	115,341	64.7	106,860	1,712	105,148	3,264	101,884	8,481	7.4	62,954	
September	178,483	115,484	64.7	107,114	1,720	105,394	3,319	102,075	8,370	7.2	62,999	
October	178,661	115,721	64.8	107,354	1,705	105,649	3,169	102,480	8,367	7.2	62,940	
November	176,834	115,773	64.7	107,631	1,699	105,932	3,334	102,598	8,142	7.0	63,061	
December	179,004	116,162	64.9	107,971	1,698	106,273	3,385	102,888	8,191	7.1	62,842	
1985:												
January	179,081	116,572	65.1	108,088	1,697	106,391	3,320	103,071	8,484	7.3	62,509	
February	179,219	116,787	65.2	108,388	1,703	106,685	3,340	103,345	8,399	7.2	62,432	
March	179,368	117,215	65.3	108,820	1,701	107,119	3,362	103,757	8,396	7.2	62,153	
April	179,501	117,073	65.2	108,647	1,702	106,945	3,428	103,517	8,426	7.2	62,428	
May	179,649	117,076	65.2	108,665	1,705	106,960	3,312	103,648	8,413	7.2	62,571	
June	179,798	116,465	64.8	108,072	1,702	106,370	3,138	103,232	8,413	7.2	63,313	
July	179,967	117,018	65.0	108,566	1,704	106,862	3,126	103,737	8,451	7.2	62,949	
August	180,131	117,025	65.0	108,898	1,726	107,172	3,092	104,080	8,127	6.9	63,106	

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

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

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

**HOUSEHOLD DATA
HISTORICAL**

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1974 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												
1974	72,466	57,397	79.2	54,682	1,658	53,024	2,919	50,105	2,714	4.7	15,069	
1975	73,891	57,899	78.4	53,457	1,600	51,857	2,824	49,032	4,442	7.7	15,993	
1976	75,341	58,756	78.0	54,720	1,582	53,138	2,744	50,394	4,036	6.9	16,585	
1977	76,756	59,959	78.1	56,291	1,563	54,728	2,671	52,057	3,667	6.1	16,797	
1978 ¹	78,107	61,151	78.3	58,010	1,531	56,479	2,718	53,761	3,142	5.1	16,956	
1979	79,509	62,215	78.2	59,096	1,489	57,607	2,686	54,921	3,120	5.0	17,293	
1980	80,877	62,932	77.8	58,665	1,479	57,186	2,709	54,477	4,267	6.8	17,945	
1981	82,023	63,486	77.4	58,909	1,512	57,397	2,700	54,697	4,577	7.2	18,537	
1982	83,052	63,979	77.0	57,800	1,529	56,271	2,736	53,534	6,179	9.7	19,073	
1983	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484	
1984	85,156	65,386	76.8	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771	
Monthly data, seasonally adjusted²												
1984:												
August	85,257	65,357	76.7	60,766	1,563	59,203	2,636	56,567	4,591	7.0	19,900	
September	85,352	65,589	76.8	60,959	1,571	59,388	2,669	56,719	4,630	7.1	19,763	
October	85,439	65,558	76.7	61,018	1,557	59,461	2,551	56,910	4,540	6.9	19,861	
November	85,523	65,657	76.8	61,155	1,552	59,603	2,701	56,902	4,502	6.9	19,866	
December	85,607	65,814	76.9	61,252	1,550	59,702	2,747	56,955	4,562	6.9	19,793	
1985:												
January	85,629	65,822	76.9	61,213	1,549	59,664	2,683	58,981	4,609	7.0	19,807	
February	85,692	65,818	76.8	61,226	1,554	59,672	2,674	56,998	4,592	7.0	19,874	
March	85,764	65,923	76.9	61,427	1,553	59,874	2,644	57,231	4,495	6.8	19,841	
April	85,827	65,986	76.9	61,405	1,553	59,852	2,703	57,149	4,582	6.9	19,841	
May	85,898	66,032	76.9	61,553	1,556	59,997	2,669	57,328	4,479	6.8	19,866	
June	85,970	66,008	76.3	60,959	1,552	59,407	2,529	56,878	4,649	7.1	20,382	
July	86,052	65,900	76.6	61,256	1,554	59,702	2,484	57,219	4,644	7.0	20,152	
August	86,132	65,901	76.5	61,507	1,574	59,933	2,484	57,449	4,395	6.7	20,231	
Annual averages												
WOMEN												
1974	79,375	36,274	45.7	33,832	63	33,769	596	33,173	2,441	6.7	43,101	
1975	80,938	37,553	46.4	34,067	78	33,989	584	33,404	3,486	9.3	43,386	
1976	82,476	39,069	47.4	35,701	86	35,615	588	35,027	3,369	8.6	43,406	
1977	83,932	40,705	48.5	37,381	92	37,289	612	36,677	3,324	8.2	43,227	
1978 ¹	85,434	42,731	50.0	39,669	100	39,569	669	38,900	3,061	7.2	42,703	
1979	86,951	44,343	51.0	41,325	108	41,217	661	40,556	3,018	6.8	42,608	
1980	88,472	45,611	51.6	42,241	124	42,117	656	41,461	3,370	7.4	42,861	
1981	89,751	46,829	52.2	43,133	133	43,000	667	42,333	3,696	7.9	42,922	
1982	90,887	47,894	52.7	43,395	139	43,256	665	42,591	4,499	9.4	42,993	
1983	91,827	48,646	53.0	44,190	143	44,047	680	43,367	4,457	9.2	43,181	
1984	92,924	49,855	53.7	46,061	146	45,915	653	45,262	3,794	7.6	43,068	
Monthly data, seasonally adjusted²												
1984:												
August	93,039	49,984	53.7	46,094	149	45,945	628	45,317	3,890	7.8	43,055	
September	93,132	49,895	53.6	46,155	149	46,006	650	45,356	3,740	7.5	43,237	
October	93,222	50,163	53.8	46,336	148	46,188	618	45,570	3,827	7.6	43,059	
November	93,311	50,116	53.7	46,476	147	46,329	633	45,696	3,640	7.3	43,195	
December	93,397	50,348	53.9	46,719	148	46,571	638	45,933	3,629	7.2	43,049	
1985:												
January	93,452	50,750	54.3	46,875	148	46,727	637	46,090	3,875	7.6	42,702	
February	93,527	50,970	54.5	47,162	149	47,013	666	46,347	3,807	7.5	42,557	
March	93,603	51,293	54.8	47,392	148	47,244	718	46,526	3,900	7.6	42,310	
April	93,674	51,086	54.5	47,242	149	47,093	725	46,368	3,844	7.5	42,588	
May	93,751	51,047	54.4	47,113	149	46,964	644	46,320	3,934	7.7	42,704	
June	93,828	50,877	54.2	47,113	150	46,963	608	46,355	3,764	7.4	42,951	
July	93,915	51,117	54.4	47,310	150	47,160	642	46,518	3,807	7.4	42,798	
August	93,999	51,123	54.4	47,391	152	47,239	608	46,631	3,732	7.3	42,876	

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.

**HOUSEHOLD DATA
HISTORICAL**

A-3. Employment status of the civilian noninstitutional population 16 years and over, 1951 to date

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force				Unemployment rates		
		Total	Percent of population	Employed	Unemployed	Total	Men	Women
Annual averages								
1951	104,621	62,017	59.2	59,961	2,055	3.3	2.8	4.4
1952	105,231	62,138	59.0	60,250	1,883	3.0	2.8	3.6
1953 ¹	107,056	63,015	58.9	61,179	1,834	2.9	2.8	3.3
1954	108,321	63,643	58.8	60,109	3,532	5.5	5.3	6.0
1955	109,683	65,023	59.3	62,170	2,852	4.4	4.2	4.9
1956	110,954	66,552	60.0	63,799	2,750	4.1	3.8	4.8
1957	112,265	66,929	59.6	64,071	2,859	4.3	4.1	4.7
1958	113,727	67,639	59.5	63,036	4,602	6.8	6.8	6.8
1959	115,329	68,369	59.3	64,630	3,740	5.5	5.2	5.9
1960 ¹	117,245	69,628	59.4	65,778	3,852	5.5	5.4	5.9
1961	118,771	70,459	59.3	65,746	4,714	6.7	6.4	7.2
1962 ¹	120,153	70,614	58.8	66,702	3,911	5.5	5.2	6.2
1963	122,416	71,833	58.7	67,762	4,070	5.7	5.2	6.5
1964	124,485	73,091	58.7	69,305	3,786	5.2	4.6	6.2
1965	126,513	74,455	58.9	71,088	3,366	4.5	4.0	5.5
1966	128,058	75,770	59.2	72,895	2,875	3.8	3.2	4.8
1967	129,874	77,347	59.6	74,372	2,975	3.8	3.1	5.2
1968	132,028	78,737	59.6	75,920	2,817	3.6	2.9	4.8
1969	134,335	80,734	60.1	77,902	2,832	3.5	2.8	4.7
1970	137,085	82,771	60.4	78,678	4,093	4.9	4.4	5.9
1971	140,216	84,382	60.2	79,367	5,016	5.9	5.3	6.9
1972 ²	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 ¹	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976	156,150	96,158	61.6	88,752	7,406	7.7	7.1	8.6
1977	159,033	99,009	62.3	92,017	6,991	7.1	6.3	8.2
1978 ¹	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
1984	176,383	113,544	64.4	105,005	8,539	7.5	7.4	7.6
Monthly data, seasonally adjusted²								
1984:								
August	176,583	113,629	64.3	105,148	8,481	7.5	7.2	7.8
September	176,763	113,764	64.4	105,394	8,370	7.4	7.2	7.5
October	176,956	114,016	64.4	105,649	8,367	7.3	7.1	7.7
November	177,135	114,074	64.4	105,932	8,142	7.1	7.0	7.3
December	177,306	114,464	64.6	106,273	8,191	7.2	7.1	7.2
1985:								
January	177,384	114,875	64.8	106,391	8,484	7.4	7.2	7.7
February	177,516	115,084	64.8	106,685	8,399	7.3	7.1	7.5
March	177,667	115,514	65.0	107,119	8,396	7.3	7.0	7.6
April	177,799	115,371	64.9	106,945	8,426	7.3	7.1	7.5
May	177,944	115,373	64.8	106,960	8,413	7.3	6.9	7.7
June	178,096	114,783	64.5	106,370	8,413	7.3	7.3	7.4
July	178,263	115,314	64.7	106,862	8,451	7.3	7.2	7.5
August	178,405	115,299	64.6	107,172	8,127	7.0	6.8	7.3

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.

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

(Numbers in thousands)

Age, sex, and race	August 1985										
	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	178,405	116,679	65.4	108,628	8,051	6.9	61,726	30,629	1,539	2,494	27,065
16 to 19 years	14,448	8,940	61.9	7,590	1,350	15.1	5,508	732	527	21	4,227
16 to 17 years	7,235	3,793	52.4	3,196	596	15.7	3,443	303	226	3	2,911
18 to 19 years	7,212	5,147	71.4	4,394	753	14.6	2,065	429	301	18	1,316
20 to 24 years	20,045	16,186	80.7	14,487	1,699	10.5	3,859	1,765	540	58	1,497
25 to 54 years	94,712	76,746	81.0	72,341	4,403	5.7	17,967	13,021	465	665	3,616
25 to 34 years	40,818	33,544	82.2	31,222	2,322	6.9	7,274	5,355	332	183	1,403
25 to 29 years	20,997	17,254	82.2	15,948	1,306	7.6	3,743	2,681	213	99	748
30 to 34 years	19,821	16,289	82.2	15,273	1,016	6.2	3,532	2,674	118	84	655
35 to 44 years	31,471	25,963	82.5	24,634	1,330	5.1	5,507	4,017	103	285	1,102
35 to 39 years	17,345	14,301	82.5	13,520	781	5.5	3,044	2,261	70	133	583
40 to 44 years	14,126	11,663	82.6	11,113	550	4.7	2,483	1,759	34	151	520
45 to 54 years	22,423	17,238	76.9	16,486	752	4.4	5,186	3,649	29	397	1,111
45 to 49 years	11,583	9,219	79.6	8,786	432	4.7	2,364	1,725	16	161	483
50 to 54 years	10,841	8,019	74.0	7,699	319	4.0	2,822	1,924	13	237	648
55 to 64 years	22,144	11,977	54.1	11,469	508	4.2	10,167	5,323	6	602	4,237
55 to 59 years	11,272	7,233	64.2	6,913	321	4.4	4,038	2,424	4	292	1,319
60 to 64 years	10,872	4,744	43.6	4,556	188	4.0	6,129	2,899	2	310	2,918
65 years and over	27,057	2,831	10.5	2,741	90	3.2	24,226	9,788	1	948	13,488
65 to 69 years	9,348	1,714	18.3	1,668	46	2.7	7,633	3,136	2	219	4,277
70 years and over	17,709	1,117	6.3	1,073	45	4.0	16,592	6,653		730	9,210
Men											
16 years and over	64,558	65,501	77.5	61,403	4,098	6.3	19,057	453	744	1,420	16,439
16 to 19 years	7,252	4,742	65.4	3,987	754	15.9	2,510	43	243	17	2,207
16 to 17 years	3,689	2,056	55.8	1,698	359	17.4	1,632	30	116	-	1,486
18 to 19 years	3,563	2,685	75.4	2,290	396	14.7	878	14	127	16	721
20 to 24 years	9,720	8,596	88.4	7,744	851	9.9	1,125	28	274	33	790
25 to 54 years	46,075	43,348	94.1	41,164	2,183	5.0	2,727	141	226	607	1,754
25 to 34 years	19,919	18,915	95.0	17,757	1,157	6.1	1,004	42	161	138	663
25 to 29 years	10,250	9,681	94.5	9,026	655	6.8	569	18	114	64	352
30 to 34 years	9,669	9,233	95.5	8,731	502	5.4	436	24	47	54	311
35 to 44 years	15,318	14,574	95.1	13,957	617	4.2	744	44	44	201	455
35 to 39 years	8,449	8,074	95.6	7,709	365	4.5	375	21	30	93	231
40 to 44 years	6,869	6,500	94.6	6,247	253	3.9	369	23	14	107	225
45 to 54 years	10,838	9,860	91.0	9,451	409	4.1	979	54	20	268	836
45 to 49 years	5,617	5,242	93.3	5,018	223	4.3	375	21	12	105	237
50 to 54 years	5,222	4,618	88.4	4,432	185	4.0	604	33	8	164	399
55 to 64 years	10,397	7,076	68.1	6,805	270	3.8	3,322	77	2	404	2,838
55 to 59 years	5,339	4,269	80.0	4,103	167	3.9	1,070	39		199	831
60 to 64 years	5,058	2,806	55.5	2,703	104	3.7	2,252	38	2	205	2,007
65 years and over	11,113	1,740	15.7	1,701	39	2.2	9,373	164		359	8,849
65 to 69 years	4,190	1,054	25.1	1,028	25	2.4	3,136	45		126	2,965
70 years and over	6,923	687	9.9	673	14	2.0	6,237	119		234	5,884
Women											
16 years and over	93,847	51,178	54.5	47,225	3,953	7.7	42,669	30,175	795	1,074	10,626
16 to 19 years	7,196	4,198	58.3	3,603	595	14.2	2,997	689	284	4	2,020
16 to 17 years	3,547	1,736	49.0	1,499	238	13.7	1,810	273	110	2	1,425
18 to 19 years	3,649	2,462	67.5	2,104	358	14.5	1,187	416	174	2	595
20 to 24 years	10,325	7,590	73.5	6,742	848	11.2	2,734	1,737	266	25	706
25 to 54 years	48,637	33,397	68.7	31,177	2,220	6.6	15,240	12,880	239	258	1,862
25 to 34 years	20,899	14,630	70.0	13,465	1,165	8.0	6,270	5,313	171	45	740
25 to 29 years	10,747	7,573	70.5	6,922	651	8.6	3,174	2,663	99	15	396
30 to 34 years	10,152	7,056	69.5	6,542	514	7.3	3,096	2,650	71	30	344
35 to 44 years	16,153	11,390	70.5	10,677	713	6.3	4,763	3,973	60	84	647
35 to 39 years	8,896	6,227	70.0	5,811	416	6.7	2,669	2,237	40	40	352
40 to 44 years	7,257	5,163	71.1	4,866	297	5.7	2,094	1,736	20	44	295
45 to 54 years	11,585	7,378	63.7	7,035	343	4.6	4,207	3,595	9	129	475
45 to 49 years	5,966	3,977	66.7	3,768	209	5.3	1,989	1,704	4	56	226
50 to 54 years	5,619	3,401	60.5	3,267	134	3.9	2,218	1,891	5	73	249
55 to 64 years	11,747	4,902	41.7	4,664	238	4.9	6,845	5,245	4	197	1,399
55 to 59 years	5,932	2,964	50.0	2,810	154	5.2	2,968	2,385	3	93	488
60 to 64 years	5,814	1,937	33.3	1,853	84	4.3	3,877	2,861	1	105	911
65 years and over	15,943	1,091	6.8	1,039	51	4.7	14,853	9,624	1	589	4,638
65 to 69 years	5,158	660	12.8	640	21	3.1	4,497	3,091	2	93	1,312
70 years and over	10,786	430	4.0	400	31	7.1	10,355	6,534		496	3,326

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	August 1985										
	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	153,819	100,866	85.6	94,864	8,002	6.0	52,953	26,836	1,087	1,971	23,058
16 to 19 years	11,862	7,688	64.8	6,718	971	12.6	4,174	522	368	17	3,267
16 to 17 years	5,918	3,284	55.5	2,841	443	13.5	2,633	220	167	2	2,244
18 to 19 years	5,945	4,404	74.1	3,877	527	12.0	1,540	302	201	14	1,023
20 to 24 years	16,814	13,897	82.7	12,890	1,208	8.7	2,918	1,406	401	46	1,063
25 to 54 years	81,123	66,089	81.5	82,744	3,345	5.1	15,035	11,224	312	643	2,854
25 to 34 years	34,503	28,591	82.9	26,894	1,897	5.9	5,912	4,519	224	128	1,041
25 to 29 years	17,678	14,648	82.9	13,727	920	8.3	3,031	2,270	138	69	555
30 to 34 years	16,824	13,943	82.9	13,166	776	5.6	2,881	2,249	86	60	487
35 to 44 years	27,217	22,480	82.6	21,441	1,038	4.6	4,737	3,522	89	221	925
35 to 39 years	14,963	12,315	82.3	11,715	599	7.5	2,648	2,035	44	109	491
40 to 44 years	12,254	10,165	83.0	9,726	438	4.3	2,089	1,531	25	113	433
45 to 54 years	19,405	15,019	77.4	14,409	610	4.1	4,385	3,185	20	293	888
45 to 49 years	9,996	7,995	80.0	7,650	345	4.3	2,001	1,512	13	123	365
50 to 54 years	9,410	7,025	74.7	6,759	285	4.9	2,385	1,723	6	170	524
55 to 64 years	19,617	10,649	54.3	10,243	407	3.8	8,967	4,741	5	494	3,728
55 to 59 years	9,908	6,403	64.6	6,154	249	3.9	3,505	2,142	4	231	1,127
60 to 64 years	9,709	4,246	43.7	4,089	157	3.7	5,463	2,599	1	263	2,600
65 years and over	24,403	2,541	10.4	2,470	72	2.8	21,861	8,942	1	772	12,146
65 to 69 years	8,360	1,537	18.4	1,499	39	2.5	6,823	2,833	2	164	3,824
70 years and over	16,042	1,004	6.3	971	33	3.3	15,038	6,109		607	8,322
Men											
16 years and over	73,436	57,369	78.1	54,246	3,123	5.4	16,067	331	513	1,135	14,088
16 to 19 years	5,971	4,061	68.0	3,510	551	13.6	1,910	28	170	12	1,700
16 to 17 years	3,024	1,786	59.0	1,508	278	15.6	1,238	19	81		1,138
18 to 19 years	2,947	2,275	77.2	2,002	273	12.0	872	9	89	12	562
20 to 24 years	8,225	7,411	90.1	6,781	629	8.5	815	20	210	26	559
25 to 54 years	39,945	37,940	95.0	36,245	1,695	4.5	2,006	90	131	456	1,328
25 to 34 years	17,064	16,380	96.0	15,503	877	5.4	684	23	97	96	468
25 to 29 years	8,733	8,351	95.8	7,868	482	5.8	383	8	69	60	246
30 to 34 years	8,331	8,029	96.4	7,634	395	4.9	302	15	28	36	223
35 to 44 years	13,394	12,832	95.8	12,342	490	3.8	563	27	23	154	358
35 to 39 years	7,369	7,087	96.2	6,799	288	4.1	282	12	14	74	182
40 to 44 years	6,025	5,745	95.3	5,543	201	3.5	281	15	9	81	176
45 to 54 years	9,487	8,729	92.0	8,401	328	3.8	759	40	11	206	501
45 to 49 years	4,906	4,622	94.2	4,446	176	3.8	284	16	9	79	180
50 to 54 years	4,582	4,107	89.6	3,955	152	3.7	475	24	2	127	322
55 to 64 years	9,263	6,376	68.8	6,160	216	3.4	2,887	57	2	334	2,494
55 to 59 years	4,722	3,833	81.2	3,703	130	3.4	889	33	1	155	701
60 to 64 years	4,541	2,543	56.0	2,457	86	3.4	1,998	25	1	179	1,794
65 years and over	10,030	1,581	15.8	1,550	32	2.0	8,449	135		308	8,006
65 to 69 years	3,771	956	25.4	936	21	2.2	2,815	38		102	2,675
70 years and over	6,259	625	10.0	614	11	1.8	5,634	97		205	5,332
Women											
16 years and over	80,384	43,498	54.1	40,619	2,879	6.6	36,886	26,505	574	836	8,971
16 to 19 years	5,891	3,628	61.6	3,208	419	11.6	2,263	494	198	4	1,567
16 to 17 years	2,893	1,498	51.8	1,333	165	11.0	1,395	200	86	2	1,106
18 to 19 years	2,998	2,129	71.0	1,875	254	11.9	868	293	112	2	461
20 to 24 years	8,588	6,487	75.5	5,908	578	8.9	2,102	1,386	191	21	504
25 to 54 years	41,178	28,149	68.4	26,499	1,650	5.9	13,029	11,134	181	187	1,526
25 to 34 years	17,439	12,211	70.0	11,391	820	6.7	5,228	4,496	127	33	573
25 to 29 years	8,945	6,297	70.4	5,859	438	7.0	2,648	2,262	69	9	309
30 to 34 years	8,493	5,914	69.6	5,532	381	6.4	2,579	2,234	58	24	264
35 to 44 years	13,822	9,648	69.8	9,099	549	5.7	4,174	3,494	46	67	567
35 to 39 years	7,594	5,228	68.8	4,916	311	6.0	2,366	1,991	30	35	309
40 to 44 years	6,229	4,420	71.0	4,183	237	5.4	1,808	1,503	16	32	257
45 to 54 years	9,917	6,291	63.4	6,009	282	4.5	3,627	3,144	8	87	387
45 to 49 years	5,090	3,373	66.3	3,204	169	5.0	1,717	1,483	4	44	185
50 to 54 years	4,828	2,918	60.4	2,804	113	3.9	1,910	1,661	4	43	202
55 to 64 years	10,354	4,274	41.3	4,083	191	4.5	6,080	4,684	3	160	1,234
55 to 59 years	5,186	2,571	49.8	2,451	120	4.7	2,615	2,110	3	75	427
60 to 64 years	5,168	1,703	33.0	1,632	71	4.2	3,465	2,574		85	807
65 years and over	14,372	960	6.7	920	40	4.2	13,412	8,807	1	464	4,140
65 to 69 years	4,589	581	12.7	563	18	3.1	4,008	2,795	2	62	1,149
70 years and over	9,783	379	3.9	357	22	5.8	9,404	8,012		402	2,990

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	August 1985										
	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	19,700	12,593	63.9	10,788	1,805	14.3	7,107	3,048	291	481	3,287
16 to 19 years	2,154	1,053	48.9	712	341	32.4	1,100	187	119	4	790
16 to 17 years	1,083	424	39.2	294	130	30.7	658	71	41		546
18 to 19 years	1,071	629	58.7	418	211	33.5	442	116	78	4	244
20 to 24 years	2,649	1,879	70.9	1,441	438	23.3	770	303	112	12	343
25 to 54 years	10,569	8,340	78.9	7,421	919	11.0	2,229	1,364	59	205	601
25 to 34 years	4,887	3,865	79.1	3,324	541	14.0	1,022	637	47	52	286
25 to 29 years	2,586	2,040	78.9	1,708	333	16.3	546	323	41	30	153
30 to 34 years	2,300	1,825	79.3	1,615	208	11.4	476	315	7	21	134
35 to 44 years	3,306	2,726	82.4	2,463	263	9.7	580	378	11	55	136
35 to 39 years	1,823	1,542	84.6	1,381	161	10.4	280	187	5	21	68
40 to 44 years	1,483	1,184	79.8	1,082	102	8.6	300	192	5	34	68
45 to 54 years	2,376	1,749	73.6	1,635	115	6.6	626	349	1	98	179
45 to 49 years	1,233	958	77.7	894	65	6.8	276	167	1	34	74
50 to 54 years	1,143	791	69.2	741	51	6.4	351	182		64	105
55 to 64 years	2,063	1,066	51.6	976	90	8.4	998	477	1	94	426
55 to 59 years	1,095	660	60.3	596	64	9.8	435	223		50	162
60 to 64 years	968	406	41.9	380	26	6.3	562	254	1	43	264
65 years and over	2,265	254	11.2	238	17	6.5	2,010	717		166	1,127
65 to 69 years	819	147	17.9	142	5	3.4	671	242		52	378
70 years and over	1,446	107	7.4	96	11	10.3	1,339	476		115	749
Men											
16 years and over	8,806	6,392	72.6	5,542	850	13.3	2,413	110	131	259	1,912
16 to 19 years	1,057	580	54.9	398	182	31.4	477	12	56	4	404
16 to 17 years	543	227	41.9	160	67	29.5	315	8	26		280
18 to 19 years	514	353	68.6	238	115	32.6	161	4	29	4	124
20 to 24 years	1,203	958	79.6	763	196	20.4	245	8	49	7	181
25 to 54 years	4,718	4,163	88.2	3,743	421	10.1	554	45	26	140	343
25 to 34 years	2,187	1,955	89.4	1,716	239	12.2	231	17	20	42	152
25 to 29 years	1,159	1,026	88.6	881	146	14.2	133	10	18	24	82
30 to 34 years	1,027	929	90.4	835	93	10.0	99	8	3	18	70
35 to 44 years	1,469	1,334	90.8	1,219	115	8.6	135	15	5	38	77
35 to 39 years	807	745	92.3	679	66	8.8	62	7	1	16	39
40 to 44 years	661	589	89.0	540	49	8.3	73	9	4	22	38
45 to 54 years	1,062	874	82.4	808	66	7.6	187	13	1	60	114
45 to 49 years	551	473	85.9	441	33	6.9	78	4	1	24	49
50 to 54 years	511	401	78.5	367	34	8.5	110	9		36	65
55 to 64 years	925	557	60.2	510	47	8.5	368	18		60	290
55 to 59 years	496	343	69.2	312	32	9.2	153	5		36	112
60 to 64 years	429	214	49.8	198	16	7.3	215	13		24	178
65 years and over	904	134	14.8	129	5	3.8	770	27		48	694
65 to 69 years	348	77	22.2	75	2	3.2	270	5		22	244
70 years and over	556	57	10.2	54	3	(¹)	499	23		27	450
Women											
16 years and over	10,894	6,201	56.9	5,246	955	15.4	4,694	2,937	160	221	1,375
16 to 19 years	1,097	473	43.1	314	159	33.6	624	175	63		366
16 to 17 years	540	197	36.4	134	63	32.1	343	63	15		266
18 to 19 years	557	277	49.6	181	96	34.7	281	112	49		120
20 to 24 years	1,446	921	63.7	679	243	26.3	525	295	63	5	162
25 to 54 years	5,851	4,177	71.4	3,678	498	11.9	1,675	1,319	33	65	258
25 to 34 years	2,700	1,910	70.7	1,608	302	15.8	790	620	27	10	134
25 to 29 years	1,427	1,014	71.1	827	187	18.4	413	313	23	6	71
30 to 34 years	1,273	896	70.4	780	115	12.9	377	307	4	3	64
35 to 44 years	1,837	1,392	75.8	1,244	149	10.7	445	363	6	17	59
35 to 39 years	1,016	797	78.5	702	95	12.0	218	180	4	5	29
40 to 44 years	822	595	72.4	542	53	8.9	227	183	1	12	30
45 to 54 years	1,314	875	66.6	827	48	5.5	439	336		38	65
45 to 49 years	682	485	71.0	453	32	6.5	198	163		10	25
50 to 54 years	632	390	61.8	374	17	4.3	241	173		28	40
55 to 64 years	1,138	508	44.7	466	43	8.4	629	459	1	34	136
55 to 59 years	599	317	52.9	284	33	10.3	282	218		14	50
60 to 64 years	539	192	35.6	182	10	5.3	347	241	1	19	86
65 years and over	1,361	120	8.8	109	11	9.5	1,241	690		118	433
65 to 69 years	471	70	14.9	67	3	(¹)	401	237		30	134
70 years and over	890	50	5.6	42	8	(¹)	840	453		88	299

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	August 1985								Not in labor force
	Civilian noninstitutional population	Civilian labor force							
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL									
18 years and over	24,586	15,813	64.3	13,764	295	13,468	2,049	13.0	8,773
18 to 19 years	2,585	1,252	48.4	872	45	827	379	30.3	1,334
16 to 17 years	1,318	509	38.8	356	18	338	153	30.1	809
18 to 19 years	1,267	743	58.6	517	27	489	226	30.5	525
20 to 24 years	3,231	2,288	70.8	1,797	26	1,771	491	21.5	943
25 to 54 years	13,589	10,855	78.4	9,597	175	9,423	1,058	9.9	2,932
25 to 34 years	6,316	4,954	78.4	4,328	87	4,261	625	12.6	1,362
25 to 29 years	3,319	2,607	78.5	2,221	31	2,192	385	14.8	712
30 to 34 years	2,997	1,273	42.5	2,106	37	2,070	240	18.9	651
35 to 44 years	4,254	3,484	81.9	3,192	63	3,129	292	8.4	770
35 to 39 years	2,382	1,986	83.4	1,806	37	1,769	180	9.1	396
40 to 44 years	1,872	1,498	80.0	1,387	27	1,359	111	7.4	374
45 to 54 years	3,018	2,218	73.5	2,077	45	2,032	141	6.4	800
45 to 49 years	1,587	1,224	77.1	1,137	31	1,105	87	7.1	363
50 to 54 years	1,431	994	69.5	941	13	927	54	5.4	437
55 to 64 years	2,527	1,328	52.5	1,226	34	1,192	102	7.7	1,200
55 to 59 years	1,364	830	60.9	759	20	739	72	8.6	534
60 to 64 years	1,164	498	42.8	467	14	453	30	6.1	666
65 years and over	2,654	290	10.9	271	14	257	19	6.4	2,364
65 to 69 years	988	176	17.8	169	10	159	8	4.5	810
70 years and over	1,666	113	6.8	102	4	98	25	22.1	1,554
Men									
16 years and over	11,122	8,132	73.1	7,158	243	6,915	975	12.0	2,990
16 to 19 years	1,281	681	53.2	478	38	440	203	29.9	800
16 to 17 years	664	271	40.8	190	10	180	81	29.7	394
18 to 19 years	816	410	66.6	288	28	260	123	29.9	206
20 to 24 years	1,495	1,185	79.3	963	23	940	222	18.7	310
25 to 54 years	6,129	5,407	88.2	4,919	138	4,783	486	9.0	721
25 to 34 years	2,855	2,535	88.8	2,255	58	2,198	280	11.0	320
25 to 29 years	1,517	1,331	87.7	1,158	25	1,134	172	13.0	166
30 to 34 years	1,338	1,204	90.0	1,096	34	1,063	108	6.9	134
35 to 44 years	1,923	1,742	90.6	1,814	44	1,570	128	7.3	181
35 to 39 years	1,080	987	91.4	911	21	890	76	7.7	93
40 to 44 years	844	755	89.5	704	24	680	51	6.8	88
45 to 54 years	1,351	1,131	83.7	1,050	34	1,017	81	7.1	220
45 to 49 years	711	620	87.2	573	21	551	47	7.6	91
50 to 54 years	640	511	79.9	478	12	465	34	8.6	129
55 to 64 years	1,135	700	61.7	646	32	614	54	7.8	435
55 to 59 years	617	437	70.7	400	18	381	37	8.5	181
60 to 64 years	517	263	50.9	246	14	233	17	6.5	254
65 years and over	1,083	159	14.7	152	14	138	7	4.6	924
65 to 69 years	419	97	23.3	93	10	83	5	4.8	321
70 years and over	664	82	9.3	59	4	55	3	(¹)	603
Women									
16 years and over	13,464	7,680	57.0	8,806	52	6,554	1,074	14.0	5,784
16 to 19 years	1,305	570	43.7	394	7	387	176	30.8	734
16 to 17 years	654	238	36.4	185	7	158	73	30.5	416
18 to 19 years	651	332	51.1	229	-	229	103	31.1	319
20 to 24 years	1,736	1,103	83.6	834	4	830	289	24.4	633
25 to 54 years	7,480	5,248	70.3	4,678	39	4,640	570	10.9	2,211
25 to 34 years	3,481	2,419	69.9	2,073	9	2,065	345	14.3	1,042
25 to 29 years	1,802	1,276	70.8	1,063	6	1,058	213	16.7	526
30 to 34 years	1,659	1,143	66.9	1,010	3	1,007	132	11.6	517
35 to 44 years	2,331	1,742	74.7	1,578	19	1,559	164	9.4	589
35 to 39 years	1,302	999	76.7	895	18	879	104	10.4	303
40 to 44 years	1,028	743	72.2	683	3	679	60	8.0	286
45 to 54 years	1,668	1,087	65.2	1,027	11	1,016	81	5.6	580
45 to 49 years	878	604	68.9	564	10	554	40	6.7	272
50 to 54 years	791	483	61.1	463	1	462	20	4.2	308
55 to 64 years	1,393	828	45.1	580	2	578	47	7.6	765
55 to 59 years	746	393	52.7	359	1	358	34	8.7	353
60 to 64 years	647	234	36.2	221	1	221	13	5.6	412
65 years and over	1,571	131	8.3	119	-	119	11	8.7	1,440
65 to 69 years	589	79	13.9	76	-	76	3	3.7	489
70 years and over	1,002	51	5.1	43	-	43	8	(¹)	951

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	
	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
TOTAL								
Civilian noninstitutional population	176,583	178,405	76,350	77,306	85,581	86,652	14,653	14,448
Civilian labor force	115,076	116,679	60,270	60,759	45,783	46,980	9,024	8,940
Percent of population	65.2	65.4	78.9	78.6	53.5	54.2	61.6	61.9
Employed	106,694	108,628	56,710	57,416	42,405	43,622	7,579	7,590
Agriculture	3,713	3,512	2,614	2,422	657	652	442	438
Nonagricultural industries	102,982	105,116	54,096	54,994	41,748	42,970	7,137	7,152
Unemployed	8,382	8,051	3,560	3,344	3,378	3,358	1,445	1,350
Unemployment rate	7.3	6.9	5.9	5.5	7.4	7.1	16.0	15.1
Not in labor force	61,507	61,726	16,080	16,547	39,798	39,672	5,629	5,508
White								
Civilian noninstitutional population	152,402	153,819	66,662	67,465	73,671	74,492	12,069	11,862
Civilian labor force	99,416	100,866	52,849	53,308	38,794	39,870	7,773	7,688
Percent of population	65.2	65.6	79.3	79.0	52.7	53.5	64.4	64.8
Employed	93,299	94,864	50,213	50,736	36,343	37,410	6,743	6,718
Agriculture	3,415	3,217	2,394	2,217	615	607	405	393
Nonagricultural industries	89,884	91,648	47,818	48,519	35,728	38,804	6,338	6,325
Unemployed	6,117	6,002	2,636	2,572	2,451	2,460	1,030	971
Unemployment rate	6.2	6.0	5.0	4.8	6.3	6.2	13.2	12.6
Not in labor force	52,988	52,953	13,813	14,157	34,877	34,622	4,297	4,174
Black								
Civilian noninstitutional population	19,386	19,700	7,620	7,749	9,615	9,797	2,151	2,154
Civilian labor force	12,485	12,593	5,769	5,812	5,643	5,727	1,053	1,053
Percent of population	64.3	63.9	75.7	75.0	58.7	58.5	49.0	48.9
Employed	10,456	10,788	4,976	5,144	4,826	4,932	655	712
Agriculture	234	240	165	167	34	30	35	43
Nonagricultural industries	10,222	10,548	4,811	4,977	4,792	4,902	620	669
Unemployed	2,009	1,805	793	668	817	796	398	341
Unemployment rate	16.1	14.3	13.7	11.5	14.5	13.9	37.8	32.4
Not in labor force	6,920	7,107	1,851	1,937	3,972	4,070	1,098	1,100

**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	August 1985									
	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	2,837	1,365	51.8	1,222	568	654	142	52	90	10.4
16 to 19 years	1,217	546	44.9	474	162	311	72	20	52	13.2
20 to 24 years	1,419	819	57.7	748	406	342	70	32	38	8.6
High school	596	241	40.4	188	43	145	53	20	34	22.1
College	2,041	1,124	55.1	1,035	526	509	89	32	57	7.9
Full-time students	1,537	732	47.7	652	293	359	80	25	55	11.0
Part-time students	504	391	77.7	383	233	150	9	7	2	2.3
Men, 16 to 24 years	1,363	710	52.1	639	329	309	72	33	38	10.1
16 to 19 years	596	254	42.6	220	84	136	34	15	19	13.4
20 to 24 years	767	457	59.6	419	245	174	38	19	19	8.3
High school	316	138	43.6	105	24	81	33	15	18	24.1
College	1,048	573	54.7	534	305	229	39	18	20	6.7
Full-time students	819	395	48.3	365	190	175	31	13	18	7.8
Part-time students	227	177	78.0	169	115	54	8	5	2	4.4
Women, 16 to 24 years	1,274	654	51.3	583	239	344	71	19	52	10.8
16 to 19 years	622	292	47.0	254	79	175	38	6	33	13.1
20 to 24 years	652	362	55.5	330	161	169	32	13	19	8.9
High school	280	103	36.8	83	19	64	20	4	16	19.4
College	994	551	55.4	501	221	280	51	14	36	9.2
Full-time students	718	337	46.9	287	103	184	50	13	37	14.7
Part-time students	276	214	77.5	213	118	96	1	2	-	.5
White										
Total, 16 to 24 years	2,078	1,155	55.6	1,066	508	559	89	33	56	7.7
16 to 19 years	945	459	48.5	413	146	267	46	12	34	10.0
20 to 24 years	1,133	696	61.5	653	362	292	43	21	22	6.2
Men	1,096	601	54.8	551	295	256	50	23	27	8.4
Women	982	554	56.4	516	213	303	38	10	29	6.9
High school	429	177	41.2	144	31	113	32	11	21	18.4
College	1,649	978	59.3	922	477	445	56	21	35	5.8
Full-time students	1,218	630	51.7	577	268	309	53	18	35	8.5
Part-time students	430	348	80.9	345	209	136	3	4	-	.9
Black										
Total, 16 to 24 years	429	162	37.8	113	43	70	49	18	31	30.3
16 to 19 years	214	72	33.5	47	11	37	24	7	17	(²)
20 to 24 years	215	90	42.0	65	32	33	25	10	15	27.5
Men	194	84	43.2	65	24	40	19	9	11	22.9
Women	234	78	33.3	48	19	30	30	9	21	38.1
High school	138	58	42.4	38	10	28	21	8	12	(²)
College	291	104	35.6	75	33	42	28	9	19	27.4
Full-time students	251	85	33.9	63	25	38	22	6	17	26.3
Part-time students	40	19	(²)	13	8	4	6	4	2	(²)
Hispanic origin										
Total, 16 to 24 years	221	96	43.6	70	28	41	26	10	16	27.5
16 to 19 years	120	38	31.8	25	4	21	13	7	6	(²)
20 to 24 years	100	58	57.7	44	24	20	14	4	10	(²)
Men	114	54	47.6	40	17	23	14	3	11	(²)
Women	107	42	39.2	29	11	18	12	8	5	29.7
High school	72	16	(²)	6	2	4	10	5	5	(²)
College	149	80	53.7	63	26	37	17	5	11	20.7
Full-time students	104	57	54.7	40	17	23	17	5	12	(²)
Part-time students	45	23	(²)	23	9	15	-	-	-	-

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	August 1985									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
TOTAL NOT ENROLLED										
Total, 16 to 24 years	31,856	23,761	74.6	20,855	15,253	5,601	2,907	2,212	694	12.2
16 to 19 years	13,230	8,394	63.4	7,117	3,659	3,458	1,278	771	507	15.2
20 to 24 years	18,826	15,367	82.5	13,738	11,595	2,144	1,629	1,441	188	10.6
Less than 4 years of high school	10,868	6,281	57.8	5,033	2,663	2,369	1,248	807	441	19.9
4 years of high school	20,988	17,480	83.3	15,822	12,590	3,232	1,658	1,405	253	9.5
1 to 3 years of college	6,319	5,268	83.3	4,927	3,758	1,169	339	247	92	8.4
4 years of college or more	2,175	1,980	91.0	1,837	1,641	196	143	139	4	7.2
Men, 16 to 24 years	15,610	12,827	80.9	11,093	8,594	2,499	1,534	1,217	317	12.1
16 to 19 years	6,656	4,488	67.4	3,768	2,090	1,678	720	452	269	16.1
20 to 24 years	8,953	8,139	90.9	7,326	6,504	821	813	765	48	10.0
Less than 4 years of high school	5,738	3,845	67.0	3,090	1,850	1,240	755	516	239	19.6
4 years of high school	9,872	8,782	89.0	8,003	6,744	1,259	779	701	78	8.9
1 to 3 years of college	3,003	2,592	86.3	2,449	1,962	487	143	119	24	5.5
4 years of college or more	944	880	93.2	823	756	67	56	56	-	6.4
Women, 16 to 24 years	16,246	11,134	68.5	9,762	6,660	3,102	1,373	995	378	12.3
16 to 19 years	6,574	3,906	59.4	3,349	1,569	1,780	557	319	238	14.3
20 to 24 years	9,872	7,228	74.7	6,413	5,090	1,322	816	676	140	11.3
Less than 4 years of high school	5,130	2,438	47.5	1,943	814	1,129	493	291	203	20.2
4 years of high school	11,116	8,698	78.2	7,819	5,846	1,973	880	705	175	10.1
1 to 3 years of college	3,316	2,674	80.6	2,478	1,796	681	196	127	69	7.3
4 years of college or more	1,231	1,100	89.4	1,013	885	129	87	83	4	7.9
White										
Total, 16 to 24 years	26,597	20,431	76.8	18,341	13,508	4,833	2,090	1,563	527	10.2
16 to 19 years	10,917	7,230	66.2	6,305	3,287	3,018	925	548	377	12.8
20 to 24 years	15,680	13,201	84.2	12,036	10,221	1,816	1,165	1,015	150	8.8
Men	13,100	10,870	83.0	9,740	7,622	2,119	1,130	888	242	10.4
Women	13,497	9,560	70.8	8,601	5,886	2,714	960	675	284	10.0
Less than 4 years of high school	8,736	5,300	60.7	4,375	2,340	2,035	925	590	335	17.4
4 years of high school	17,861	15,131	84.7	13,966	11,168	2,798	1,165	973	192	7.7
1 to 3 years of college	5,475	4,621	84.4	4,398	3,372	1,026	223	155	68	4.8
4 years of college or more	1,969	1,803	91.6	1,677	1,497	180	126	122	4	7.0
Black										
Total, 16 to 24 years	4,375	2,771	63.3	2,041	1,410	631	730	585	145	26.4
16 to 19 years	1,940	982	50.6	685	302	363	317	204	113	32.3
20 to 24 years	2,434	1,789	73.5	1,376	1,108	268	413	381	32	23.1
Men	2,065	1,454	70.4	1,096	778	318	358	294	65	24.6
Women	2,309	1,317	57.0	945	632	313	372	292	80	28.2
Less than 4 years of high school	1,812	842	46.5	556	265	291	286	196	90	34.0
4 years of high school	2,562	1,929	75.3	1,485	1,145	340	444	390	54	23.0
1 to 3 years of college	648	500	77.0	398	296	102	102	79	23	20.4
4 years of college or more	121	104	85.8	95	81	14	9	9	-	8.8
Hispanic origin										
Total, 16 to 24 years	2,717	1,804	66.4	1,519	1,175	344	286	204	82	15.8
16 to 19 years	1,115	598	53.6	462	268	194	136	85	51	22.8
20 to 24 years	1,602	1,206	75.3	1,057	907	149	149	119	31	12.4
Men	1,369	1,087	79.4	928	745	183	159	122	36	14.6
Women	1,348	718	53.2	591	430	161	127	82	45	17.7
Less than 4 years of high school	1,393	784	56.2	641	456	185	142	94	48	18.2
4 years of high school	1,323	1,021	77.1	878	719	158	143	110	33	14.0
1 to 3 years of college	311	256	82.1	230	167	63	25	14	11	9.8
4 years of college or more	80	72	89.1	67	64	3	5	5	-	(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							
	Aug. 1984	Aug. 1985	Total		Employed		Unemployed			
			Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Number		Percent of labor force	
							Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
VIETNAM-ERA VETERANS										
Total, 30 years and over	7,470	7,677	7,038	7,198	6,662	6,870	376	328	5.3	4.6
30 to 44 years	6,459	6,516	6,238	6,283	5,899	5,986	339	297	5.4	4.7
30 to 34 years	1,675	1,337	1,622	1,274	1,519	1,198	103	76	6.4	6.0
35 to 39 years	3,322	3,364	3,216	3,266	3,042	3,119	174	147	5.4	4.5
40 to 44 years	1,462	1,815	1,400	1,743	1,338	1,669	62	74	4.4	4.2
45 years and over	1,011	1,161	800	915	763	884	37	31	4.6	3.4
NONVETERANS										
Total, 30 to 44 years	16,363	17,347	15,537	16,450	14,758	15,672	779	778	5.0	4.7
30 to 34 years	7,468	8,028	7,145	7,672	6,789	7,263	356	409	5.0	5.3
35 to 39 years	4,779	5,005	4,521	4,733	4,276	4,519	245	214	5.4	4.5
40 to 44 years	4,116	4,314	3,871	4,045	3,693	3,890	178	155	4.6	3.8

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-9. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	August 1985								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full-time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Total, 16 years and over	102,328	89,476	6,187	6,664	6.5	14,351	12,964	1,387	9.7
16 to 19 years	5,961	3,643	1,527	791	13.3	2,979	2,420	559	18.8
16 to 17 years	1,934	1,011	731	193	10.0	1,859	1,455	404	21.7
18 to 19 years	4,027	2,632	796	598	14.9	1,120	965	155	13.9
20 years and over	96,367	85,833	4,660	5,873	6.1	11,372	10,544	828	7.3
20 to 24 years	14,368	11,693	1,201	1,473	10.3	1,818	1,592	226	12.4
25 years and over	81,999	74,140	3,459	4,400	5.4	9,555	8,952	602	6.3
25 to 54 years	70,112	63,279	2,881	3,952	5.6	6,634	6,181	452	6.8
55 years and over	11,887	10,861	578	448	3.8	2,921	2,771	150	5.1
Men, 16 years and over									
Men, 16 years and over	61,313	54,719	3,002	3,592	5.9	4,189	3,682	506	12.1
16 to 19 years	3,315	2,076	773	466	14.1	1,427	1,139	288	20.2
20 years and over	57,998	52,643	2,229	3,125	5.4	2,762	2,543	218	7.9
20 to 24 years	7,958	6,566	607	784	9.9	638	571	67	10.5
25 years and over	50,040	46,077	1,622	2,341	4.7	2,124	1,973	151	7.1
25 to 54 years	42,450	39,013	1,331	2,107	5.0	897	821	77	8.6
55 years and over	7,589	7,063	291	235	3.1	1,227	1,153	75	6.1
Women, 16 years and over									
Women, 16 years and over	41,015	34,757	3,185	3,073	7.5	10,163	9,282	881	8.7
16 to 19 years	2,646	1,567	754	325	12.3	1,552	1,281	271	17.4
20 years and over	38,369	33,190	2,431	2,748	7.2	8,611	8,001	610	7.1
20 to 24 years	6,410	5,127	594	689	10.7	1,180	1,021	159	13.5
25 years and over	31,959	28,063	1,837	2,058	6.4	7,430	6,981	451	6.1
25 to 54 years	27,662	24,265	1,551	1,845	6.7	5,736	5,361	375	6.5
55 years and over	4,298	3,798	286	214	5.0	1,694	1,619	75	4.4
White									
Men, 16 years and over									
Men, 16 years and over	53,731	48,562	2,443	2,726	5.1	3,638	3,241	397	10.9
16 to 19 years	2,847	1,878	636	334	11.7	1,213	996	217	17.9
20 years and over	50,884	46,684	1,807	2,392	4.7	2,424	2,245	180	7.4
20 to 24 years	6,878	5,811	490	577	8.4	533	480	53	9.9
25 years and over	44,006	40,874	1,316	1,816	4.1	1,892	1,765	127	6.7
25 to 54 years	37,163	34,456	1,075	1,631	4.4	778	714	64	8.2
55 years and over	6,843	6,417	241	185	2.7	1,114	1,051	63	5.7
Women, 16 years and over									
Women, 16 years and over	34,339	29,546	2,596	2,197	6.4	9,159	8,476	682	7.4
16 to 19 years	2,290	1,415	650	226	9.9	1,337	1,144	194	14.5
20 years and over	32,049	28,131	1,947	1,971	6.1	7,821	7,332	489	6.2
20 to 24 years	5,472	4,512	501	459	8.4	1,015	896	119	11.7
25 years and over	26,577	23,620	1,446	1,511	5.7	6,806	6,437	370	5.4
25 to 54 years	22,824	20,288	1,202	1,334	5.8	5,325	5,009	316	5.9
55 years and over	3,753	3,332	244	177	4.7	1,481	1,427	54	3.6
Black									
Men, 16 years and over									
Men, 16 years and over	5,951	4,711	483	756	12.7	441	347	94	21.3
16 to 19 years	401	163	118	120	30.0	179	117	62	34.5
20 years and over	5,550	4,548	366	636	11.5	262	230	32	12.2
20 to 24 years	887	593	111	182	20.6	72	58	13	(²)
25 years and over	4,664	3,956	254	453	9.7	191	171	19	9.9
25 to 54 years	4,074	3,451	211	411	10.1	90	81	9	10.0
55 years and over	590	505	43	42	7.1	101	90	10	9.9
Women, 16 years and over									
Women, 16 years and over	5,429	4,130	511	788	14.5	772	605	166	21.5
16 to 19 years	297	119	87	92	30.8	176	109	68	38.3
20 years and over	5,132	4,011	424	697	13.6	596	497	99	16.6
20 to 24 years	795	501	86	209	26.3	126	92	34	26.8
25 years and over	4,337	3,510	337	464	10.7	470	404	65	13.8
25 to 54 years	3,895	3,135	305	453	11.6	283	238	45	15.9
55 years and over	442	375	32	11	2.5	187	166	20	10.7

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Family relationship	August 1985									
	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	95,977	65.9	89,279	6,698	7.0	49,625	24,995	1,290	1,824	21,516
Husbands	39,376	78.6	37,981	1,395	3.5	10,700	127	107	785	9,681
With employed wife	22,982	92.0	22,246	736	3.2	1,986	30	43	287	1,627
With unemployed wife	1,388	92.3	1,240	147	10.6	116	1	1	20	93
With wife not in labor force	15,007	63.6	14,495	512	3.4	8,598	97	62	478	7,961
Wives	26,472	52.9	24,968	1,504	5.7	23,605	19,741	127	267	3,470
With employed husband	23,486	61.8	22,246	1,240	5.3	14,495	12,937	90	77	1,392
With unemployed husband	883	63.3	736	147	16.7	512	451	3	7	50
With husband not in labor force	2,102	19.6	1,986	116	5.5	8,598	6,353	34	182	2,028
Relatives in married-couple families	14,814	69.4	13,181	1,633	11.0	6,530	933	690	277	4,631
16 to 19 years	6,062	63.2	5,350	712	11.7	3,526	247	326	11	2,942
20 to 24 years	5,621	82.2	5,026	595	10.6	1,214	160	307	28	719
25 years and over	3,131	63.6	2,805	326	10.4	1,790	526	57	238	970
Women who maintain families	6,251	61.3	5,547	704	11.3	3,939	2,896	58	135	850
Relatives in families maintained by women	5,704	62.8	4,590	1,115	19.5	3,380	869	252	239	2,020
16 to 19 years	1,634	56.2	1,216	418	25.6	1,274	180	134	8	951
20 to 24 years	1,741	75.9	1,394	347	19.9	554	124	89	18	322
25 years and over	2,330	60.0	1,980	350	15.0	1,552	565	29	213	747
Men who maintain families	1,822	76.9	1,677	144	7.9	546	48	5	54	439
Relatives in families maintained by men	1,538	62.5	1,334	203	13.2	924	381	51	67	425
16 to 19 years	313	57.7	254	59	19.0	230	42	28	-	160
20 to 24 years	485	81.4	434	51	10.5	111	35	20	1	54
25 years and over	739	55.9	646	93	12.6	583	304	3	66	211

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	
	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
Total, 16 years and over	4,273	4,098	6.6	6.3	4,110	3,953	8.2	7.7
Married, spouse present	1,674	1,541	4.1	3.8	1,734	1,639	6.4	6.0
Widowed, divorced, or separated	464	501	7.9	8.1	848	894	8.7	8.9
Single (never married)	2,135	2,056	11.9	11.2	1,528	1,421	11.3	10.4
White, 16 years and over	3,145	3,123	5.5	5.4	2,972	2,879	7.0	6.6
Married, spouse present	1,389	1,281	3.8	3.5	1,422	1,382	5.9	5.7
Widowed, divorced, or separated	347	383	7.1	7.4	575	610	7.5	7.7
Single (never married)	1,408	1,459	9.4	9.5	975	887	8.9	7.9
Black, 16 years and over	991	850	15.7	13.3	1,018	955	16.5	15.4
Married, spouse present	220	205	7.3	6.8	251	209	11.5	9.2
Widowed, divorced, or separated	105	112	12.5	12.2	252	261	14.0	14.4
Single (never married)	666	533	27.3	21.6	514	485	23.8	22.9
Total, 25 years and over	2,571	2,493	5.0	4.8	2,499	2,510	6.5	6.4
Married, spouse present	1,504	1,379	3.9	3.6	1,389	1,340	5.8	5.4
Widowed, divorced, or separated	435	465	7.7	7.8	735	794	8.0	8.3
Single (never married)	632	649	9.1	8.7	375	377	7.7	7.3
White, 25 years and over	1,998	1,943	4.4	4.2	1,851	1,881	5.7	5.6
Married, spouse present	1,262	1,150	3.6	3.3	1,144	1,139	5.3	5.2
Widowed, divorced, or separated	326	360	6.9	7.3	496	545	6.8	7.2
Single (never married)	410	434	7.2	7.2	209	197	5.7	5.0
Black, 25 years and over	481	473	10.3	9.7	570	553	12.2	11.5
Married, spouse present	188	182	6.6	6.4	194	161	9.9	7.8
Widowed, divorced, or separated	97	99	12.0	11.2	224	231	12.9	13.2
Single (never married)	196	191	19.3	17.2	153	161	15.7	16.1

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
Total, 16 years and over	8,382	8,051	7.3	6.9	6.6	6.3	8.2	7.7
Managerial and professional specialty	792	755	3.1	2.9	2.5	2.2	4.1	3.8
Executive, administrative, and managerial	312	350	2.6	2.8	2.2	2.2	3.2	3.8
Professional specialty	480	405	3.7	3.0	2.7	2.2	4.7	3.9
Technical, sales, and administrative support	1,716	1,684	5.0	4.8	3.3	3.0	5.8	5.8
Technicians and related support	83	109	2.6	3.1	1.6	2.4	3.5	3.9
Sales occupations	704	666	5.2	5.0	3.5	3.1	6.9	6.9
Administrative support, including clerical	929	909	5.2	5.0	3.9	3.0	5.6	5.5
Service occupations	1,457	1,316	9.3	8.2	9.1	8.5	9.4	8.1
Private household	92	53	8.5	4.8	(¹)	(¹)	8.0	4.6
Protective service	130	76	6.9	4.1	6.3	3.7	10.3	6.1
Service, except private household and protective	1,235	1,187	9.7	9.1	10.0	10.1	9.5	8.6
Precision production, craft, and repair	870	916	6.0	6.2	5.8	5.8	8.2	10.1
Mechanics and repairers	188	186	4.0	3.8	3.9	3.7	8.1	8.0
Construction trades	453	452	8.3	8.2	8.2	8.2	11.9	8.3
Other precision production, craft, and repair	228	279	5.2	6.3	4.5	5.0	7.8	10.7
Operators, fabricators, and laborers	2,025	2,006	10.5	10.4	9.7	9.5	12.8	13.2
Machine operators, assemblers, and inspectors	907	971	10.1	10.9	8.7	9.4	12.1	13.0
Transportation and material moving occupations	404	382	8.3	7.8	7.4	7.6	18.2	11.1
Handlers, equipment cleaners, helpers, and laborers	714	653	13.4	12.1	13.4	11.5	13.8	15.2
Construction laborers	157	157	17.7	15.2	16.7	14.9	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	557	496	12.6	11.3	12.6	10.5	12.6	14.8
Farming, forestry, and fishing	260	264	5.8	6.2	5.5	5.9	7.7	7.4
No previous work experience	1,218	1,045	-	-	-	-	-	-
16 to 19 years	786	654	-	-	-	-	-	-
20 to 24 years	283	243	-	-	-	-	-	-
25 years and over	148	147	-	-	-	-	-	-

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	
	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
Total, 16 years and over	8,382	8,051	7.3	6.9	6.6	6.3	8.2	7.7
Nonagricultural private wage and salary workers	5,997	5,894	7.0	6.8	6.6	6.2	7.5	7.4
Mining	107	82	9.5	7.4	10.5	7.1	5.4	8.9
Construction	642	634	10.9	10.1	10.7	10.3	13.4	8.2
Manufacturing	1,571	1,649	7.0	7.5	6.1	6.1	9.0	10.2
Durable goods	891	1,009	6.6	7.7	6.3	6.6	7.5	10.5
Lumber and wood products	56	81	7.5	11.4	5.7	10.5	17.9	17.7
Furniture and fixtures	54	60	8.7	10.1	6.7	8.0	13.6	14.7
Stone, clay, and glass products	59	34	8.9	5.6	8.1	4.7	11.1	8.5
Primary metal industries	93	97	9.2	10.7	9.7	10.9	6.3	8.4
Fabricated metal products	132	93	9.7	6.8	10.5	5.9	6.5	9.8
Machinery, except electrical	145	178	5.0	6.5	5.0	6.1	5.3	7.9
Electrical machinery, equipment, and supplies	133	231	5.5	9.4	4.4	7.6	6.8	11.9
Transportation equipment	153	141	6.1	5.3	6.1	4.7	6.4	7.9
Automobiles	111	100	8.7	7.5	8.3	6.5	10.4	11.9
Other transportation equipment	42	42	3.4	3.2	3.7	2.9	2.6	3.8
Professional and photographic equipment	23	44	3.3	6.4	2.4	4.3	4.9	9.4
Other durable goods industries	42	51	8.5	11.6	5.8	7.9	12.1	16.0
Nondurable goods	680	640	7.6	7.2	5.6	5.1	10.4	10.0
Food and kindred products	164	140	8.3	7.2	5.9	5.9	13.5	9.9
Textile mill products	80	62	10.1	8.5	10.1	7.0	10.0	10.1
Apparel and other textile products	160	148	11.9	11.6	7.0	4.7	13.1	13.3
Paper and allied products	35	22	5.4	3.0	4.2	2.8	8.9	3.8
Printing and publishing	72	115	4.2	6.7	3.1	3.7	5.9	10.4
Chemicals and allied products	38	60	3.1	4.7	3.3	4.0	2.8	6.4
Rubber and miscellaneous plastics products	76	65	9.8	8.2	8.6	8.6	12.2	7.3
Other nondurable goods industries	54	28	11.9	6.4	8.5	5.2	17.4	8.1
Transportation and public utilities	374	281	6.1	4.5	6.3	4.5	5.7	4.8
Transportation	283	219	6.7	5.2	7.0	5.2	5.7	5.1
Communications and other public utilities	91	62	3.5	2.3	3.0	1.8	4.3	3.4
Wholesale and retail trade	1,597	1,601	7.3	7.3	5.9	6.2	8.8	8.4
Wholesale trade	181	177	4.4	4.1	4.0	4.0	5.6	4.5
Retail trade	1,416	1,424	7.9	8.0	6.5	6.9	9.1	8.9
Finance, insurance, and real estate	239	207	3.7	3.1	3.4	2.7	4.0	3.4
Service industries	1,466	1,441	6.7	6.3	6.6	5.8	6.8	6.6
Professional services	622	612	5.1	4.9	4.2	3.7	5.5	5.4
Other service industries	844	829	8.8	7.8	8.4	7.2	9.2	8.4
Agricultural wage and salary workers	198	214	10.1	11.0	9.2	10.4	13.6	13.1
Government, self-employed, and unpaid family workers	969	898	3.7	3.4	3.0	2.9	4.7	4.0
No previous work experience	1,218	1,045	-	-	-	-	-	-

**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	
	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
NUMBER OF UNEMPLOYED												
Total unemployed	8,382	8,051	3,560	3,344	3,378	3,358	1,445	1,350	6,117	6,002	2,009	1,805
Job losers	3,986	3,906	2,390	2,253	1,365	1,356	231	297	2,996	2,959	877	851
On layoff	1,047	996	606	598	402	340	40	59	866	822	151	153
Other job losers	2,939	2,908	1,784	1,655	963	1,016	191	238	2,130	2,137	724	698
Job leavers	901	940	305	384	472	469	123	87	738	773	129	132
Reentrants	2,283	2,162	696	597	1,280	1,251	307	314	1,622	1,578	594	516
New entrants	1,211	1,043	169	109	260	281	783	652	762	692	409	306
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	47.6	48.5	67.1	67.4	40.4	40.4	16.0	22.0	49.0	49.3	43.7	47.2
On layoff	12.5	12.4	17.0	17.9	11.9	10.1	2.7	4.4	14.2	13.7	7.5	8.5
Other job losers	35.1	36.1	50.1	49.5	28.5	30.3	13.3	17.6	34.8	35.6	36.0	38.7
Job leavers	10.7	11.7	8.6	11.5	14.0	14.0	8.5	6.4	12.1	12.9	6.4	7.3
Reentrants	27.2	26.9	19.6	17.9	37.9	37.3	21.3	23.2	26.5	26.3	29.6	28.6
New entrants	14.5	13.0	4.7	3.3	7.7	8.4	54.2	48.3	12.5	11.5	20.4	17.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	3.5	3.4	4.0	3.7	3.0	2.9	2.5	3.4	3.0	2.9	7.0	6.8
Job leavers .....	.8	.8	.5	.6	1.0	1.0	1.4	1.0	.7	.8	1.0	1.0
Reentrants	2.0	1.9	1.2	1.0	2.8	2.7	3.4	3.5	1.6	1.6	4.8	4.1
New entrants	1.1	.9	.3	.2	.6	.6	8.7	7.3	.8	.7	3.3	2.4

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

(Percent distribution)

Reason, sex, and age	August 1985						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	8,051	100.0	41.5	33.6	24.9	10.1	14.8
Job losers	3,906	100.0	36.3	31.0	32.7	12.9	19.8
On layoff	998	100.0	49.1	29.0	21.9	10.4	11.5
Other job losers	2,908	100.0	32.0	31.6	36.4	13.8	22.6
Job leavers	940	100.0	51.2	30.7	18.2	8.2	10.0
Reentrants	2,162	100.0	47.2	33.7	19.1	7.9	11.2
New entrants	1,043	100.0	40.4	45.7	13.9	5.8	8.0
Men, 20 years and over	3,344	100.0	34.0	30.6	35.4	12.3	23.1
Job losers	2,253	100.0	32.0	30.0	38.0	12.9	25.2
On layoff	598	100.0	47.3	27.1	25.6	11.6	14.0
Other job losers	1,655	100.0	26.5	31.0	42.6	13.3	29.2
Job leavers	384	100.0	47.0	30.0	23.1	8.1	15.0
Reentrants	597	100.0	36.8	30.7	32.5	12.1	20.4
New entrants	109	100.0	14.2	46.5	39.3	15.6	23.7
Women, 20 years and over	3,358	100.0	48.3	32.4	21.3	10.3	11.0
Job losers	1,356	100.0	38.1	33.2	28.7	14.9	13.8
On layoff	340	100.0	48.1	34.1	17.8	9.3	8.5
Other job losers	1,016	100.0	34.7	32.9	32.4	16.7	15.6
Job leavers	469	100.0	51.4	32.0	16.6	9.4	7.2
Reentrants	1,251	100.0	52.8	31.5	15.7	6.4	9.3
New entrants	281	100.0	48.3	33.2	18.4	6.8	11.7
Both sexes, 16 to 19 years	1,350	100.0	48.2	43.8	8.0	4.3	3.7
Job losers	297	100.0	61.5	28.1	10.3	4.2	6.2
On layoff	59	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	238	100.0	58.7	30.7	10.6	4.1	6.6
Job leavers	87	100.0	68.3	26.8	4.9	1.7	3.2
Reentrants	314	100.0	44.4	48.3	7.4	6.0	1.4
New entrants	652	100.0	41.4	51.0	7.6	3.8	3.8

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

A-16. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
Total, 16 years and over	8,382	8,051	100.0	100.0	6,933	6,664	100.0	100.0
Less than 5 weeks	3,466	3,342	41.4	41.5	2,646	2,524	38.2	37.9
5 to 14 weeks	2,599	2,704	31.0	33.6	2,119	2,271	30.6	34.1
5 to 10 weeks	1,845	2,036	22.0	25.3	1,505	1,699	21.7	25.5
11 to 14 weeks	754	668	9.0	8.3	614	572	8.9	8.6
15 weeks and over	2,317	2,006	27.6	24.9	2,168	1,870	31.3	28.1
15 to 26 weeks	834	813	9.9	10.1	769	746	11.1	11.2
27 weeks and over	1,483	1,193	17.7	14.8	1,400	1,124	20.2	16.9
27 to 51 weeks	549	501	6.5	6.2	524	470	7.6	7.1
52 weeks and over	934	692	11.1	8.6	876	654	12.6	9.8
Average (mean) duration, in weeks	16.9	15.0	-	-	18.6	16.5	-	-
Median duration, in weeks	7.2	7.1	-	-	8.2	7.9	-	-

**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	
	August 1985							Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
Total, 16 years and over	8,051	3,342	2,704	813	1,193	15.0	7.1	41.4	41.5	27.6	24.9
16 to 19 years	1,350	651	591	58	50	7.7	5.4	46.0	48.2	11.4	8.0
20 to 24 years	1,699	760	578	161	200	12.8	6.1	42.6	44.7	23.6	21.3
25 to 34 years	2,322	978	753	240	352	15.0	7.0	42.0	42.1	30.9	25.5
35 to 44 years	1,330	523	372	157	279	18.9	8.2	38.7	39.3	34.2	32.7
45 to 54 years	752	229	251	99	173	21.0	10.1	37.5	30.4	37.4	36.2
55 to 64 years	508	155	143	87	122	21.9	10.3	34.3	30.5	40.1	41.3
65 years and over	90	46	16	12	17	22.3	4.9	41.2	50.7	29.2	31.5
Men, 16 years and over	4,096	1,486	1,361	446	805	18.1	8.2	36.7	36.3	32.6	30.5
16 to 19 years	754	350	336	35	33	8.2	5.7	43.0	46.4	13.2	9.0
20 to 24 years	851	316	309	94	133	15.4	7.4	38.3	37.1	27.3	26.6
25 to 34 years	1,157	420	356	131	251	18.7	6.3	35.9	36.3	37.8	32.9
35 to 44 years	617	196	153	79	190	25.4	11.8	32.8	31.8	40.8	43.5
45 to 54 years	409	113	133	52	112	23.2	10.8	33.1	27.5	42.5	40.0
55 to 64 years	270	76	65	48	81	27.1	12.2	31.9	28.0	45.3	47.8
65 years and over	39	16	9	8	7	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,953	1,855	1,343	367	388	11.8	5.9	46.2	46.9	22.5	19.1
16 to 19 years	595	301	255	22	16	7.2	4.9	49.0	50.5	9.6	6.7
20 to 24 years	848	444	268	66	67	10.2	4.8	47.5	52.4	19.5	15.9
25 to 34 years	1,165	558	397	109	101	11.2	5.6	48.1	47.9	24.0	18.0
35 to 44 years	713	326	219	78	89	13.3	6.2	44.8	45.8	27.4	23.4
45 to 54 years	343	116	118	47	61	18.4	9.3	41.2	33.9	33.1	31.5
55 to 64 years	238	79	78	39	42	16.1	9.2	37.8	33.4	32.3	33.8
65 years and over	51	30	7	4	10	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	8,002	2,557	1,989	603	873	15.0	6.8	43.0	42.6	26.7	24.6
Men	3,123	1,189	1,011	335	589	18.0	7.7	37.8	38.1	32.2	29.6
Women	2,879	1,368	959	268	284	11.7	5.7	48.4	47.5	21.0	19.2
Black, 16 years and over	1,805	687	650	181	287	15.4	7.0	35.7	38.1	31.3	25.9
Men	850	253	303	93	200	19.4	8.6	31.8	29.8	35.4	34.5
Women	955	434	347	87	87	11.9	5.4	39.4	45.4	27.3	18.3
Men, 16 years and over:											
Married, spouse present	1,541	476	461	195	409	22.2	10.4	35.1	30.9	39.3	39.2
Widowed, divorced, or separated	501	171	136	84	110	21.6	10.3	38.0	34.1	32.4	38.8
Single (never married)	2,056	839	764	167	286	14.2	6.7	37.7	40.8	27.4	22.0
Women, 16 years and over:											
Married, spouse present	1,639	816	515	155	152	11.2	5.0	47.7	49.8	23.4	18.7
Widowed, divorced, or separated	894	380	290	98	127	14.8	6.8	44.5	42.5	28.2	25.0
Single (never married)	1,421	659	538	118	109	10.7	6.1	45.4	46.4	18.3	15.8

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	
								Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
OCCUPATION											
Managerial and professional specialty	755	282	275	85	113	14.9	7.2	37.3	37.3	26.6	26.2
Technical, sales, and administrative support	1,684	780	536	158	210	12.9	6.1	44.2	46.3	26.1	21.9
Service occupations	1,316	594	416	122	184	13.9	6.0	43.3	45.1	27.3	23.3
Precision production, craft, and repair	916	355	247	146	168	17.7	8.4	42.8	38.8	33.7	34.3
Operators, fabricators, and laborers	2,006	760	625	229	392	18.3	8.2	37.5	37.9	34.5	30.9
Farming, forestry, and fishing	264	121	103	7	33	12.4	5.9	51.0	45.7	25.6	15.4
INDUSTRY¹											
Agriculture	214	89	84	8	32	14.1	6.7	56.4	41.8	22.0	18.7
Construction	662	288	207	68	100	15.6	6.8	44.7	43.4	32.1	25.4
Manufacturing	1,659	604	465	245	345	19.2	9.1	35.6	36.4	38.1	35.6
Durable goods	1,017	355	276	138	248	21.2	9.7	33.3	35.0	40.5	37.9
Nondurable goods	642	249	189	107	97	16.1	8.1	38.6	38.8	35.0	31.8
Transportation and public utilities	324	131	101	36	56	16.4	7.7	34.8	40.4	35.5	28.6
Wholesale and retail trade	1,605	715	537	141	212	13.1	6.3	44.3	44.6	24.9	22.0
Finance and service industries	2,017	884	670	202	261	13.7	6.4	41.1	43.8	27.3	23.0
Public administration	264	95	100	24	45	16.9	8.2	44.6	35.9	15.9	26.3
No previous work experience	1,045	422	478	61	84	11.9	7.3	41.0	40.4	16.2	13.8

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	August 1985								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,051	6,823	24.9	5.8	75.3	37.4	17.3	4.4	1.65
16 to 19 years	1,350	1,272	17.3	4.8	80.5	29.7	15.8	1.2	1.49
20 to 24 years	1,699	1,480	27.9	4.1	75.7	35.9	17.2	4.9	1.66
25 to 34 years	2,322	1,949	28.5	7.3	74.3	40.0	19.4	4.3	1.74
35 to 44 years	1,330	1,080	22.6	6.2	75.5	41.9	14.6	5.7	1.66
45 to 54 years	752	588	27.7	6.5	70.2	41.0	15.5	7.3	1.68
55 to 64 years	508	383	24.8	6.5	71.5	40.2	21.9	4.2	1.69
65 years and over	90	71	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Men, 16 years and over	4,098	3,368	26.6	5.0	76.6	35.3	19.4	4.7	1.68
16 to 19 years	754	698	15.5	2.4	85.0	27.9	18.1	.3	1.49
20 to 24 years	851	710	30.8	2.4	77.3	35.2	17.6	4.1	1.67
25 to 34 years	1,157	938	32.3	7.6	73.7	37.7	22.0	5.2	1.78
35 to 44 years	617	475	26.7	6.7	76.2	43.6	18.7	6.7	1.79
45 to 54 years	409	299	30.8	7.4	70.2	36.1	16.7	10.0	1.71
55 to 64 years	270	218	21.6	3.7	71.6	33.0	21.6	6.4	1.58
65 years and over	39	32	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,953	3,454	23.2	6.7	74.1	39.5	15.3	4.0	1.63
16 to 19 years	595	574	19.5	7.7	75.1	31.9	13.1	2.3	1.49
20 to 24 years	848	771	25.3	5.7	74.2	36.6	16.7	5.6	1.64
25 to 34 years	1,165	1,011	24.9	7.1	75.0	42.0	16.9	3.4	1.69
35 to 44 years	713	605	19.3	6.0	74.9	40.5	11.4	5.1	1.57
45 to 54 years	343	290	24.5	5.5	70.0	45.9	14.1	4.5	1.64
55 to 64 years	238	165	29.1	10.3	70.9	49.7	22.4	1.8	1.84
65 years and over	51	39	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,002	4,970	23.8	5.9	75.2	39.8	17.4	4.6	1.67
Men	3,123	2,505	25.4	4.8	75.8	37.3	19.7	5.2	1.68
Women	2,879	2,465	22.2	7.1	74.6	42.3	15.1	3.9	1.65
Black, 16 years and over	1,805	1,635	28.6	6.1	74.7	30.9	16.7	4.0	1.61
Men	850	751	31.3	5.7	77.9	30.1	18.0	3.5	1.66
Women	955	884	26.4	6.4	71.9	31.6	15.6	4.6	1.57

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	August 1985								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,051	6,823	24.9	5.8	75.3	37.4	17.3	4.4	1.65
Job losers ¹	3,906	2,878	29.4	6.6	76.4	40.0	19.4	4.6	1.76
Job leavers	940	903	25.5	7.2	74.2	42.0	16.4	3.0	1.68
Reentrants	2,162	2,010	21.9	5.1	73.1	36.5	16.3	5.3	1.58
New entrants	1,043	1,032	17.8	4.0	77.4	28.2	14.4	3.2	1.45
Men, 16 years and over	4,098	3,368	26.6	5.0	76.6	35.3	19.4	4.7	1.68
Job losers ¹	2,453	1,794	30.2	5.7	75.5	36.5	20.8	5.6	1.74
Job leavers	433	417	24.5	5.8	79.1	40.8	16.8	2.4	1.69
Reentrants	745	689	25.7	4.2	73.0	36.1	19.3	5.7	1.64
New entrants	467	468	16.5	2.4	83.5	24.6	16.5	1.9	1.45
Women, 16 years and over	3,953	3,454	23.2	6.7	74.1	39.5	15.3	4.0	1.63
Job losers ¹	1,453	1,084	28.1	7.9	77.9	45.8	17.0	2.9	1.80
Job leavers	508	486	26.3	8.4	70.0	42.8	16.0	3.5	1.67
Reentrants	1,417	1,321	20.1	5.6	73.1	36.6	14.8	5.1	1.55
New entrants	576	564	18.8	5.3	72.3	31.2	12.8	4.3	1.45

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	
	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
All industries	106,694	108,628	60,673	61,403	46,021	47,225
16 to 19 years	7,579	7,590	3,963	3,987	3,616	3,603
16 to 17 years	3,043	3,196	1,596	1,698	1,446	1,499
18 to 19 years	4,537	4,394	2,366	2,290	2,170	2,104
20 to 24 years	14,649	14,487	7,914	7,744	6,735	6,742
25 to 54 years	70,355	72,341	40,379	41,164	29,977	31,177
25 to 34 years	30,648	31,222	17,539	17,757	13,109	13,465
35 to 44 years	23,461	24,634	13,364	13,957	10,097	10,677
45 to 54 years	16,248	16,486	9,475	9,451	6,772	7,035
55 to 64 years	11,341	11,469	6,732	6,805	4,608	4,664
55 to 59 years	6,873	6,913	4,098	4,103	2,774	2,810
60 to 64 years	4,468	4,556	2,634	2,703	1,834	1,853
65 years and over	2,770	2,741	1,686	1,701	1,084	1,039
Agriculture	3,713	3,512	2,962	2,797	750	715
16 to 19 years	442	438	348	375	93	63
16 to 17 years	237	236	180	205	56	31
18 to 19 years	205	202	168	170	37	32
20 to 24 years	467	458	368	379	98	79
25 to 54 years	1,965	1,887	1,531	1,431	434	455
25 to 34 years	828	793	690	615	138	177
35 to 44 years	609	606	451	448	158	157
45 to 54 years	527	488	389	368	138	121
55 to 64 years	547	460	459	370	88	90
55 to 59 years	290	238	236	181	54	57
60 to 64 years	257	222	222	190	34	32
65 years and over	293	269	256	241	37	28
Nonagricultural industries	102,982	105,116	57,711	58,606	45,271	46,510
16 to 19 years	7,137	7,152	3,614	3,612	3,523	3,540
16 to 17 years	2,806	2,960	1,416	1,493	1,390	1,467
18 to 19 years	4,331	4,192	2,198	2,119	2,133	2,072
20 to 24 years	14,182	14,029	7,545	7,365	6,637	6,663
25 to 54 years	68,391	70,455	38,848	39,733	29,543	30,722
25 to 34 years	29,819	30,429	16,849	17,142	12,971	13,287
35 to 44 years	22,851	24,028	12,913	13,508	9,939	10,520
45 to 54 years	15,720	15,998	9,087	9,083	6,634	6,915
55 to 64 years	10,794	11,009	6,274	6,435	4,520	4,574
55 to 59 years	6,583	6,675	3,862	3,922	2,721	2,753
60 to 64 years	4,211	4,334	2,412	2,513	1,800	1,821
65 years and over	2,477	2,472	1,429	1,460	1,048	1,011

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	
	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
Total	106,694	108,628	60,673	61,403	56,710	57,416	46,021	47,225	42,405	43,622
Managerial and professional specialty	24,460	25,349	14,458	14,682	14,362	14,586	10,001	10,666	9,878	10,535
Executive, administrative, and managerial	11,789	12,218	7,759	7,842	7,703	7,811	4,030	4,376	3,976	4,334
Officials and administrators, public administration	476	518	289	280	287	280	187	238	187	237
Other executive, administrative, and managerial	8,036	8,354	5,660	5,704	5,610	5,675	2,377	2,650	2,339	2,616
Management-related occupations	3,277	3,345	1,810	1,857	1,806	1,855	1,467	1,488	1,449	1,480
Professional specialty	12,671	13,131	6,700	6,841	6,659	6,775	5,971	6,290	5,902	6,202
Engineers	1,667	1,688	1,546	1,578	1,545	1,575	121	110	120	109
Mathematical and computer scientists	508	627	325	426	323	423	183	200	183	200
Natural scientists	398	387	311	313	309	313	87	74	87	74
Health diagnosing occupations	830	717	718	603	718	602	112	114	113	114
Health assessment and treating occupations	1,926	2,006	259	273	257	270	1,667	1,732	1,662	1,725
Teachers, college and university	522	528	325	337	323	338	197	191	195	191
Teachers, except college and university	2,852	2,986	795	825	791	816	2,057	2,161	2,034	2,136
Lawyers and judges	721	668	584	546	583	547	137	122	137	122
Other professional specialty occupations	3,245	3,525	1,836	1,940	1,808	1,891	1,409	1,585	1,371	1,530
Technical, sales, and administrative support	32,924	33,453	11,618	11,862	10,990	11,276	21,306	21,591	19,508	19,851
Technicians and related support	3,175	3,424	1,593	1,825	1,561	1,793	1,582	1,599	1,559	1,579
Health technologists and technicians	1,136	1,197	177	200	174	198	960	997	955	990
Engineering and science technicians	1,008	1,181	794	928	779	903	215	253	203	248
Technicians, except health, engineering, and science	1,030	1,046	622	697	607	692	408	349	401	341
Sales occupations	12,891	12,698	6,640	6,538	6,251	6,193	6,252	6,161	5,254	5,198
Supervisors and proprietors	3,243	3,382	2,251	2,359	2,230	2,327	992	1,023	966	995
Sales representatives, finance and business services	2,055	2,172	1,304	1,239	1,292	1,232	750	933	717	906
Sales representatives, commodities, except retail	1,473	1,460	1,216	1,171	1,215	1,161	257	290	254	281
Sales workers, retail and personal services	6,076	5,624	1,854	1,752	1,499	1,458	4,222	3,871	3,292	2,975
Sales-related occupations	44	61	14	16	15	15	30	44	26	40
Administrative support, including clerical	16,858	17,330	3,385	3,499	3,179	3,290	13,472	13,831	12,694	13,074
Supervisors	642	715	310	331	310	331	332	384	331	382
Computer equipment operators	712	808	270	276	258	264	442	532	417	490
Secretaries, stenographers, and typists	4,866	5,101	97	146	91	136	4,769	4,954	4,487	4,742
Financial records processing	2,511	2,434	261	246	254	233	2,250	2,188	2,186	2,134
Mail and message distributing	834	759	554	519	516	489	280	240	259	222
Other administrative support, including clerical	7,292	7,513	1,893	1,980	1,750	1,837	5,400	5,533	5,014	5,103
Service occupations	14,291	14,658	5,673	5,783	4,695	4,828	8,618	8,875	7,356	7,506
Private household	1,000	1,059	34	47	17	29	966	1,012	737	784
Protective service	1,757	1,793	1,495	1,519	1,443	1,467	262	274	205	201
Service, except private household and protective	11,535	11,806	4,145	4,217	3,235	3,332	7,390	7,589	6,415	6,522
Food service	5,072	5,131	1,903	1,900	1,253	1,304	3,168	3,231	2,472	2,466
Health service	1,795	1,827	157	183	142	168	1,638	1,644	1,542	1,539
Cleaning and building service	2,807	2,871	1,703	1,725	1,511	1,517	1,104	1,146	1,025	1,080
Personal service	1,861	1,977	381	409	329	343	1,481	1,568	1,376	1,436
Precision production, craft, and repair	13,641	13,909	12,488	12,706	12,047	12,239	1,153	1,204	1,110	1,162
Mechanics and repairers	4,477	4,670	4,321	4,499	4,188	4,347	156	172	146	170
Construction trades	5,023	5,077	4,926	4,949	4,699	4,697	98	128	94	120
Other precision production, craft, and repair	4,141	4,162	3,241	3,258	3,160	3,195	900	904	870	871
Operators, fabricators, and laborers	17,193	17,225	12,899	13,000	11,627	11,685	4,294	4,224	3,996	3,998
Machine operators, assemblers, and inspectors	8,105	7,954	4,840	4,742	4,589	4,503	3,264	3,212	3,104	3,081
Manufacturing industries	6,824	6,661	4,021	3,903	3,851	3,720	2,803	2,758	2,676	2,661
Durable goods	3,728	3,552	2,618	2,476	2,509	2,367	1,110	1,076	1,061	1,046
Nondurable goods	3,096	3,109	1,403	1,427	1,342	1,353	1,692	1,681	1,614	1,616
Nonmanufacturing industries	1,281	1,294	819	839	737	783	461	455	429	420
Transportation and material moving occupations	4,480	4,517	4,169	4,226	4,032	4,080	311	291	299	277
Motor vehicle operators	3,187	3,220	2,937	2,962	2,826	2,844	250	258	237	244
Other transportation and material moving occupations	1,293	1,296	1,232	1,263	1,206	1,236	61	33	61	33
Handlers, equipment cleaners, helpers, and laborers	4,608	4,753	3,890	4,032	3,006	3,101	718	721	593	640
Construction laborers	732	870	716	843	609	719	17	27	14	22
Other handlers, equipment cleaners, helpers, and laborers	3,875	3,883	3,174	3,189	2,398	2,383	702	694	580	618
Farming, forestry, and fishing	4,185	4,035	3,537	3,370	2,990	2,803	649	665	557	570
Farm operators and managers	1,576	1,449	1,390	1,238	1,368	1,223	186	211	183	208
Other farming, forestry, and fishing occupations	2,609	2,586	2,147	2,132	1,622	1,580	463	454	374	363

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
TOTAL						
Total, 16 years and over (thousands)	106,694	108,628	60,673	61,403	46,021	47,225
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	22.9	23.3	23.8	23.9	21.7	22.6
Executive, administrative, and managerial	11.0	11.2	12.8	12.8	8.8	9.3
Professional specialty	11.9	12.1	11.0	11.1	13.0	13.3
Technical, sales, and administrative support	30.9	30.8	19.1	19.3	46.3	45.7
Technicians and related support	3.0	3.2	2.6	3.0	3.4	3.4
Sales occupations	12.1	11.7	10.9	10.6	13.6	13.0
Administrative support, including clerical	15.8	16.0	5.6	5.7	29.3	29.3
Service occupations	13.4	13.5	9.4	9.4	18.7	18.8
Private household .....	.9	1.0	.1	.1	2.1	2.1
Protective service	1.6	1.7	2.5	2.5	.6	.6
Service, except private household and protective	10.8	10.9	6.8	6.9	16.1	16.1
Precision production, craft, and repair	12.8	12.8	20.6	20.7	2.5	2.5
Operators, fabricators, and laborers	16.1	15.9	21.3	21.2	9.3	8.9
Machine operators, assemblers, and inspectors	7.6	7.3	8.0	7.7	7.1	6.8
Transportation and material moving occupations	4.2	4.2	6.9	6.9	.7	.6
Handlers, equipment cleaners, helpers, and laborers	4.3	4.4	6.4	6.6	1.6	1.5
Farming, forestry, and fishing	3.9	3.7	5.8	5.5	1.4	1.4
White						
Total, 16 years and over (thousands)	93,299	94,864	53,729	54,246	39,570	40,619
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	23.8	24.3	24.9	24.9	22.4	23.4
Executive, administrative, and managerial	11.7	11.8	13.5	13.3	9.2	9.7
Professional specialty	12.2	12.5	11.4	11.6	13.2	13.7
Technical, sales, and administrative support	31.5	31.3	19.6	19.7	47.7	46.9
Technicians and related support	3.0	3.1	2.7	3.0	3.4	3.3
Sales occupations	12.7	12.3	11.6	11.3	14.3	13.7
Administrative support, including clerical	15.8	15.9	5.3	5.4	30.0	29.9
Service occupations	12.1	12.2	8.3	8.4	17.1	17.4
Private household .....	.7	.8	.1	.1	1.7	1.8
Protective service	1.6	1.6	2.3	2.3	.6	.5
Service, except private household and protective	9.7	9.9	5.9	5.9	14.9	15.1
Precision production, craft, and repair	13.2	13.3	21.1	21.5	2.5	2.5
Operators, fabricators, and laborers	15.4	15.1	20.2	20.1	8.8	8.3
Machine operators, assemblers, and inspectors	7.2	6.9	7.7	7.4	6.6	6.3
Transportation and material moving occupations	4.0	4.0	6.6	6.6	.6	.6
Handlers, equipment cleaners, helpers, and laborers	4.1	4.1	6.0	6.1	1.5	1.4
Farming, forestry, and fishing	4.0	3.8	5.9	5.5	1.5	1.5
Black						
Total, 16 years and over (thousands)	10,456	10,788	5,323	5,542	5,133	5,246
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	13.8	14.1	12.0	12.6	15.7	15.7
Executive, administrative, and managerial	5.8	6.7	6.2	7.3	5.4	6.0
Professional specialty	8.0	7.4	5.8	5.3	10.3	9.7
Technical, sales, and administrative support	25.6	25.9	13.9	15.1	37.6	37.3
Technicians and related support	2.8	3.0	1.8	2.3	3.8	3.7
Sales occupations	6.2	6.2	4.1	4.6	8.4	8.0
Administrative support, including clerical	16.6	16.7	8.0	8.2	25.4	25.6
Service occupations	24.2	23.8	18.2	18.4	30.4	29.5
Private household	2.7	2.6	.1	.2	5.4	5.2
Protective service	2.3	2.4	3.9	3.9	.8	.9
Service, except private household and protective	19.2	18.8	14.3	14.4	24.3	23.4
Precision production, craft, and repair	9.9	9.1	16.9	15.0	2.6	2.9
Operators, fabricators, and laborers	23.1	23.6	33.1	33.0	12.7	13.6
Machine operators, assemblers, and inspectors	10.5	10.8	11.1	11.1	9.9	10.4
Transportation and material moving occupations	6.1	5.7	11.0	10.5	1.0	.6
Handlers, equipment cleaners, helpers, and laborers	6.6	7.1	11.1	11.4	1.9	2.6
Farming, forestry, and fishing	3.4	3.5	5.8	5.9	.9	1.0

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	August 1985								
	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	96,827	1,395	15,437	79,994	7,991	298	1,728	1,567	216
16 to 19 years	6,999	345	447	6,206	123	30	321	71	46
16 to 17 years	2,880	240	196	2,444	57	23	160	49	27
18 to 19 years	4,119	105	251	3,762	66	7	161	22	19
20 to 24 years	13,687	153	1,239	12,296	316	25	333	95	31
25 to 34 years	28,458	191	4,169	24,098	1,922	50	462	292	39
35 to 44 years	21,687	175	4,346	17,166	2,267	74	295	279	32
45 to 54 years	14,364	215	2,966	11,184	1,564	69	162	299	27
55 to 64 years	9,700	216	1,957	7,527	1,269	40	109	319	32
55 to 59 years	5,934	99	1,239	4,596	724	17	64	154	20
60 to 64 years	3,767	116	719	2,931	544	23	45	165	12
65 years and over	1,932	100	314	1,518	529	10	48	211	10
Men, 16 years and over	53,243	247	7,660	45,336	5,321	42	1,378	1,349	70
16 to 19 years	3,517	106	232	3,179	81	14	269	68	38
16 to 17 years	1,442	77	98	1,267	39	11	134	49	22
18 to 19 years	2,075	29	134	1,912	42	3	135	19	16
20 to 24 years	7,138	31	592	6,515	214	13	276	83	20
25 to 34 years	15,886	40	1,991	13,855	1,254	1	361	252	3
35 to 44 years	12,030	21	2,143	9,865	1,474	4	218	227	4
45 to 54 years	8,050	11	1,547	6,491	1,028	5	118	249	-
55 to 64 years	5,530	18	974	4,538	904	1	93	277	-
55 to 59 years	3,397	4	612	2,781	526	-	53	127	-
60 to 64 years	2,133	14	362	1,757	379	1	40	150	-
65 years and over	1,092	20	180	892	364	4	42	193	5
Women, 16 years and over	43,584	1,148	7,778	34,658	2,670	256	350	218	146
16 to 19 years	3,482	239	215	3,027	42	16	52	3	8
16 to 17 years	1,438	163	98	1,177	18	12	26	-	5
18 to 19 years	2,044	77	118	1,850	24	5	26	3	2
20 to 24 years	6,549	122	646	5,781	102	12	56	12	11
25 to 34 years	12,572	152	2,178	10,242	667	49	101	40	36
35 to 44 years	9,657	154	2,202	7,300	793	69	77	52	28
45 to 54 years	6,315	203	1,418	4,693	536	64	43	50	28
55 to 64 years	4,170	198	983	2,989	364	39	16	42	32
55 to 59 years	2,537	95	627	1,815	199	17	10	27	20
60 to 64 years	1,633	102	357	1,174	166	22	5	15	12
65 years and over	840	80	134	626	165	6	5	18	4

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	August 1985												
	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	3,512	56	58	21	17	87		3	55	8	42	12	3,152
Mining	1,037	149	106	58	14	124		15	312	21	200	38	1
Construction	7,552	839	134	65	113	443	-	25	4,270	98	565	977	24
Manufacturing	20,954	2,162	1,664	785	696	2,560		377	4,082	6,661	805	1,057	105
Durable goods	12,550	1,339	1,190	573	279	1,461		215	2,914	3,552	438	494	95
Nondurable goods	8,404	823	475	212	418	1,098	-	162	1,168	3,109	366	563	10
Transportation and public utilities	7,616	817	477	232	297	1,961		227	1,378	114	1,600	490	22
Wholesale and retail trade	22,546	1,894	376	84	9,121	2,310	-	4,383	1,481	288	834	1,741	35
Wholesale trade	4,441	471	56	47	1,719	831		62	317	138	437	349	13
Retail trade	18,105	1,422	320	37	7,401	1,479		4,321	1,164	150	396	1,392	22
Finance, insurance, and real estate	7,155	1,662	131	112	1,702	3,023	-	275	119	20	10	26	74
Services	33,179	3,557	9,530	1,838	697	5,358	1,059	7,172	1,931	724	412	376	525
Private households	1,399	2	10	15	3	8	1,059	109	16	-	2	19	157
Other service industries	31,780	3,556	9,519	1,823	694	5,350	-	7,063	1,914	724	410	358	368
Professional services	20,629	1,997	8,303	1,508	116	3,833		3,912	402	196	170	74	121
Public administration	5,077	1,082	654	231	41	1,464		1,121	280	22	50	36	97

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					
	Aug. 1984	Aug. 1985	Total		Wage and salary workers ¹			
			Aug. 1984	Aug. 1985	Paid absences		Unpaid absences	
					Aug. 1984	Aug. 1985	Aug. 1984	Aug. 1985
Total, 16 years and over	10,936	11,156	10,774	10,982	6,041	6,229	3,906	3,919
Vacation	8,699	8,812	8,607	8,718	5,375	5,481	2,720	2,722
Illness	1,246	1,302	1,212	1,274	467	527	645	634
Bad weather	20	32	14	19	(²)	(²)	(²)	(²)
Industrial dispute	83	59	83	59	(²)	(²)	(²)	(²)
All other reasons	889	950	858	913	199	222	540	563
Men, 16 years and over	4,985	5,077	4,855	4,941	3,174	3,257	1,245	1,272
Vacation	3,896	3,937	3,827	3,867	2,815	2,867	749	749
Illness	674	700	645	680	275	290	319	340
All other reasons ³	415	439	384	394	84	99	177	184
Women, 16 years and over	5,951	6,079	5,919	6,041	2,867	2,973	2,660	2,647
Vacation	4,803	4,875	4,780	4,850	2,560	2,613	1,971	1,973
Illness	572	602	567	594	192	237	326	294
All other reasons ³	577	603	571	597	115	123	363	380

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	August 1985					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	97,472	3,338	94,134	100.0	100.0	100.0
1 to 34 hours	22,419	1,035	21,385	23.0	31.0	22.7
1 to 4 hours	720	49	671	.7	1.5	.7
5 to 14 hours	3,431	225	3,206	3.5	6.7	3.4
15 to 29 hours	11,176	481	10,695	11.5	14.4	11.4
30 to 34 hours	7,092	280	6,813	7.3	8.4	7.2
35 hours and over	75,052	2,304	72,749	77.0	69.0	77.3
35 to 39 hours	6,641	175	6,467	6.8	5.2	6.9
40 hours	40,696	627	40,069	41.8	18.8	42.6
41 hours and over	27,715	1,502	26,213	28.4	45.0	27.8
41 to 48 hours	10,117	189	9,928	10.4	5.7	10.5
49 to 59 hours	9,726	425	9,301	10.0	12.7	9.9
60 hours and over	7,872	888	6,984	8.1	26.6	7.4
Average hours, total at work	39.6	44.3	39.4	-	-	-
Average hours, workers on full-time schedules	43.5	52.5	43.2	-	-	-

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

(Numbers in thousands)

Reason for working less than 35 hours	August 1985					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	22,419	7,310	15,109	21,385	6,982	14,403
Economic reasons	6,187	1,775	4,412	5,840	1,665	4,175
Slack work	2,404	1,350	1,054	2,226	1,251	975
Material shortages or repairs to plant and equipment	55	55	-	51	51	-
New job started during week	244	244	-	239	239	-
Job terminated during week	126	126	-	124	124	-
Could find only part-time work	3,358	-	3,358	3,200	-	3,200
Other reasons	16,232	5,535	10,697	15,545	5,317	10,228
Does not want, or unavailable for, full-time work	8,314	-	8,314	7,953	-	7,953
Vacation	2,323	2,323	-	2,280	2,280	-
Illness	1,235	1,106	129	1,218	1,092	126
Bad weather	423	423	-	321	321	-
Industrial dispute	13	13	-	13	13	-
Legal or religious holiday	159	159	-	159	159	-
Full time for this job	1,588	-	1,588	1,549	-	1,549
All other reasons	2,176	1,510	666	2,051	1,452	599
Average hours:						
Economic reasons	21.8	23.8	21.0	22.0	23.9	21.2
Other reasons	21.9	25.5	20.1	22.0	25.5	20.2
Worked 30 to 34 hours:						
Economic reasons	1,880	749	1,131	1,790	707	1,083
Other reasons	5,212	2,741	2,471	5,023	2,642	2,381

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

(Numbers in thousands)

Industry	August 1985								
	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	94,134	5,840	10,228	78,066	51,853	9,928	16,285	39.4	43.2
Wage and salary workers	86,583	5,254	9,073	72,256	49,244	9,376	13,636	39.2	42.8
Mining	946	34	18	894	472	142	280	44.5	46.0
Construction	5,828	398	245	5,185	3,460	615	1,110	40.4	42.8
Manufacturing	18,885	586	524	17,775	12,040	2,719	3,016	41.5	42.6
Durable goods	11,251	223	202	10,826	7,291	1,667	1,868	42.0	42.8
Nondurable goods	7,634	364	323	6,947	4,747	1,052	1,148	40.6	42.4
Transportation and public utilities	6,502	246	269	5,987	3,974	756	1,257	41.8	43.6
Wholesale and retail trade	19,245	1,960	3,469	13,816	8,565	2,073	3,178	37.5	43.7
Finance, insurance, and real estate	6,002	122	453	5,427	3,910	666	851	39.8	41.8
Service industries	24,548	1,834	3,881	18,833	13,518	2,007	3,308	37.1	42.1
Private households	1,305	309	522	474	325	46	103	25.3	44.0
All other industries	23,243	1,525	3,359	18,359	13,193	1,961	3,205	37.8	42.1
Public administration	4,628	73	212	4,343	3,308	397	638	40.8	42.0
Self-employed workers	7,252	583	1,048	5,621	2,496	532	2,593	41.7	48.6
Unpaid family workers	299	5	107	187	112	20	55	37.1	46.0

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Sex, age, race, and marital status	August 1985							
	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	94,134	5,840	10,228	78,066	51,853	26,213	39.4	43.2
16 to 19 years	6,774	1,424	2,037	3,313	2,609	704	30.4	40.8
16 to 17 years	2,762	671	1,199	892	718	174	25.7	39.8
18 to 19 years	4,012	753	839	2,420	1,890	530	33.6	41.1
20 years and over	87,360	4,416	8,191	74,753	49,244	25,509	40.1	43.3
20 to 24 years	13,190	1,146	1,328	10,716	7,592	3,124	38.5	42.2
25 years and over	74,170	3,269	6,863	64,038	41,654	22,384	40.4	43.5
25 to 44 years	48,606	2,222	3,656	42,728	27,322	15,406	40.9	43.6
45 to 64 years	23,402	959	2,236	20,207	13,584	6,623	40.2	43.3
65 years and over	2,162	88	970	1,104	749	355	30.2	43.0
Men, 16 years and over	53,665	2,729	2,884	48,052	28,667	19,385	42.1	44.6
16 to 19 years	3,420	683	917	1,820	1,365	455	31.4	41.4
16 to 17 years	1,397	313	577	507	393	114	26.6	40.5
18 to 19 years	2,023	370	341	1,312	971	341	34.8	41.7
20 years and over	50,245	2,046	1,967	46,232	27,302	18,930	42.9	44.7
20 to 24 years	7,057	560	495	6,002	3,917	2,085	40.2	43.2
25 years and over	43,188	1,486	1,472	40,230	23,383	16,847	43.3	44.9
25 to 44 years	28,099	1,034	469	26,596	15,066	11,530	43.9	45.2
45 to 64 years	13,789	414	464	12,911	7,855	5,056	43.1	44.6
65 years and over	1,300	38	539	723	462	261	31.9	43.9
Women, 16 years and over	40,469	3,111	7,344	30,014	23,186	6,828	35.7	40.9
16 to 19 years	3,354	741	1,120	1,493	1,244	249	29.3	40.0
16 to 17 years	1,365	357	622	386	326	60	24.8	38.9
18 to 19 years	1,989	384	498	1,107	918	189	32.3	40.5
20 years and over	37,115	2,370	6,224	28,521	21,942	6,579	36.3	41.0
20 to 24 years	6,133	586	834	4,713	3,672	1,041	36.6	40.8
25 years and over	30,982	1,783	5,390	23,809	18,271	5,538	36.2	41.0
25 to 44 years	20,507	1,189	3,188	16,130	12,253	3,877	36.7	41.1
45 to 64 years	9,614	546	1,773	7,295	5,728	1,567	36.0	40.9
65 years and over	862	50	430	382	287	95	27.7	41.1
RACE								
White, 16 years and over	82,095	4,749	9,254	68,092	44,061	24,031	39.5	43.4
Men	47,278	2,213	2,517	42,548	24,617	17,931	42.4	44.8
Women	34,817	2,536	6,737	25,544	19,443	6,101	35.6	41.0
Black, 16 years and over	9,303	942	721	7,640	6,077	1,563	37.9	41.6
Men	4,884	445	279	4,160	3,102	1,058	39.5	42.7
Women	4,419	497	442	3,480	2,975	505	36.2	40.2
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	35,749	1,082	1,192	33,475	18,650	14,825	43.9	45.5
Widowed, divorced, or separated	5,000	256	165	4,579	2,747	1,832	42.9	44.9
Single (never married)	15,359	1,647	1,768	11,944	7,986	3,958	38.4	43.4
Women, 16 years and over:								
Married, spouse present	21,289	1,151	4,580	15,558	12,240	3,318	35.2	40.6
Widowed, divorced, or separated	8,031	614	904	6,513	4,815	1,698	37.8	41.6
Single (never married)	11,149	1,347	1,859	7,943	6,132	1,811	35.4	41.0

**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	August 1985								
	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	93,637	5,736	10,145	77,756	51,573	9,921	16,263	39.4	43.2
Managerial and professional specialty	21,148	462	1,584	19,102	11,121	2,355	5,626	42.2	44.6
Executive, administrative, and managerial	11,193	145	499	10,549	5,768	1,355	3,425	44.2	45.6
Professional specialty	9,956	317	1,085	8,553	5,353	1,000	2,200	40.1	43.5
Technical, sales, and administrative support	30,558	1,494	4,340	24,724	17,398	3,036	4,290	38.3	42.3
Technicians and related support	3,112	84	274	2,754	2,025	344	385	39.6	41.7
Sales occupations	11,769	840	2,061	8,868	4,791	1,258	2,819	39.4	45.4
Administrative support, including clerical	15,677	569	2,005	13,103	10,582	1,435	1,086	37.1	40.4
Service occupations	13,273	1,813	2,924	8,536	6,343	816	1,377	34.6	42.4
Private household	984	208	410	366	250	39	76	25.8	43.7
Protective service	1,647	81	117	1,449	856	212	381	43.1	45.8
Service, except private household and protective	10,642	1,524	2,398	6,721	5,236	565	920	34.2	41.6
Precision production, craft, and repair	12,865	666	416	11,782	7,618	1,738	2,426	41.5	43.3
Operators, fabricators, and laborers	15,793	1,301	880	13,612	9,093	1,975	2,544	40.3	43.2
Machine operators, assemblers, and inspectors	7,324	437	250	6,637	4,809	968	860	40.3	42.0
Transportation and material moving occupations	4,064	283	171	3,610	1,834	550	1,226	43.9	46.7
Handlers, equipment cleaners, helpers, and laborers	4,404	580	460	3,364	2,449	456	459	37.0	41.8
Men, 16 years and over	53,123	2,631	2,767	47,725	28,376	6,587	12,762	42.3	44.6
Managerial and professional specialty	12,985	200	470	12,315	6,445	1,533	4,338	44.6	46.0
Executive, administrative, and managerial	7,200	73	172	6,954	3,397	896	2,661	45.8	46.8
Professional specialty	5,785	126	298	5,361	3,047	637	1,677	43.0	44.9
Technical, sales, and administrative support	10,988	352	681	9,955	5,560	1,418	2,976	43.0	45.2
Technicians and related support	1,661	32	39	1,589	1,092	210	288	41.8	42.7
Sales occupations	6,135	204	466	5,465	2,412	806	2,247	44.7	47.6
Administrative support, including clerical	3,193	116	176	2,900	2,056	403	441	40.3	42.2
Service occupations	5,363	565	716	4,083	2,812	457	813	38.5	43.9
Private household	47	14	15	18	11	3	3	(¹)	(¹)
Protective service	1,399	66	82	1,250	725	182	344	43.8	46.3
Service, except private household and protective	3,918	485	618	2,815	2,076	272	466	36.8	42.8
Precision production, craft, and repair	11,761	602	294	10,865	6,937	1,615	2,313	41.8	43.5
Operators, fabricators, and laborers	12,025	912	607	10,507	6,622	1,564	2,321	41.2	44.0
Machine operators, assemblers, and inspectors	4,402	170	93	4,139	2,814	635	690	41.8	42.9
Transportation and material moving occupations	3,879	258	149	3,471	1,731	532	1,208	44.2	46.9
Handlers, equipment cleaners, helpers, and laborers	3,744	483	364	2,897	2,076	397	423	37.3	42.0
Women, 16 years and over	40,514	3,105	7,378	30,031	23,196	3,334	3,501	35.7	40.9
Managerial and professional specialty	8,163	262	1,114	6,787	4,677	822	1,288	38.5	42.2
Executive, administrative, and managerial	3,993	71	327	3,595	2,371	459	765	41.1	43.3
Professional specialty	4,170	191	787	3,192	2,306	363	523	36.0	41.0
Technical, sales, and administrative support	19,570	1,142	3,659	14,769	11,837	1,618	1,314	35.6	40.3
Technicians and related support	1,451	52	235	1,164	933	134	97	37.1	40.4
Sales occupations	5,634	636	1,595	3,402	2,379	451	572	33.6	41.8
Administrative support, including clerical	12,484	453	1,828	10,202	8,525	1,032	645	36.3	39.9
Service occupations	7,910	1,248	2,209	4,453	3,530	359	564	32.0	41.1
Private household	937	195	395	348	239	36	73	25.7	43.6
Protective service	248	15	34	199	132	30	37	38.9	43.0
Service, except private household and protective	6,725	1,039	1,780	3,906	3,160	293	453	32.6	40.7
Precision production, craft, and repair	1,104	64	123	917	681	124	112	38.2	41.7
Operators, fabricators, and laborers	3,768	389	274	3,105	2,471	411	223	37.5	40.5
Machine operators, assemblers, and inspectors	2,922	267	157	2,498	1,995	333	170	38.0	40.4
Transportation and material moving occupations	186	25	21	139	103	18	18	37.0	42.7
Handlers, equipment cleaners, helpers, and laborers	660	97	96	467	373	59	35	35.4	40.2

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	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
TOTAL													
Noninstitutional population ¹	178,295	178,483	178,661	178,834	179,004	179,081	179,219	179,368	179,501	179,649	179,798	179,967	180,131
Labor force ¹	115,341	115,484	115,721	115,773	116,162	116,572	116,787	117,215	117,073	117,078	116,485	117,018	117,025
Percent of population ²	64.7	64.7	64.8	64.7	64.9	65.1	65.2	65.3	65.2	65.2	64.8	65.0	65.0
Total employed ¹	106,860	107,114	107,354	107,631	107,971	108,088	108,388	108,820	108,647	108,665	108,072	108,566	108,898
Employment-population ratio ³	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.7	60.5	60.5	60.1	60.3	60.5
Resident Armed Forces	1,712	1,720	1,705	1,699	1,698	1,697	1,703	1,701	1,702	1,705	1,702	1,704	1,726
Civilian employed	105,148	105,394	105,649	105,932	106,273	106,391	106,685	107,119	106,945	106,960	106,370	106,862	107,172
Agriculture	3,264	3,319	3,169	3,334	3,385	3,320	3,340	3,362	3,428	3,312	3,138	3,126	3,092
Nonagricultural industries	101,884	102,075	102,480	102,598	102,888	103,071	103,345	103,757	103,517	103,648	103,232	103,737	104,080
Unemployed	8,481	8,370	8,367	8,142	8,191	8,484	8,399	8,396	8,426	8,413	8,413	8,451	8,127
Unemployment rate ⁴	7.4	7.2	7.2	7.0	7.1	7.3	7.2	7.2	7.2	7.2	7.2	7.2	6.9
Not in labor force	62,954	62,999	62,940	63,061	62,842	62,509	62,432	62,153	62,428	62,571	63,313	62,949	63,106
Men													
Noninstitutional population ¹	85,257	85,352	85,439	85,523	85,607	85,629	85,692	85,764	85,827	85,898	85,970	86,052	86,132
Labor force ¹	65,357	65,589	65,558	65,657	65,814	65,822	65,818	65,923	65,986	66,032	65,608	65,900	65,901
Percent of population ²	76.7	76.8	76.7	76.8	76.9	76.9	76.8	76.9	76.9	76.9	76.3	76.6	76.5
Total employed ¹	60,766	60,959	61,018	61,155	61,252	61,213	61,226	61,427	61,405	61,553	60,959	61,256	61,507
Employment-population ratio ³	71.3	71.4	71.4	71.5	71.6	71.5	71.4	71.6	71.5	71.7	70.9	71.2	71.4
Resident Armed Forces	1,563	1,571	1,557	1,552	1,550	1,549	1,554	1,553	1,553	1,556	1,552	1,554	1,574
Civilian employed	59,203	59,388	59,461	59,603	59,702	59,664	59,672	59,874	59,852	59,997	59,407	59,702	59,933
Unemployed	4,591	4,630	4,540	4,502	4,562	4,609	4,592	4,495	4,582	4,479	4,649	4,644	4,395
Unemployment rate ⁴	7.0	7.1	6.9	6.9	6.9	7.0	7.0	6.8	6.9	6.8	7.1	7.0	6.7
Not in labor force	19,900	19,763	19,881	19,866	19,793	19,807	19,874	19,841	19,841	19,866	20,362	20,152	20,231
Women													
Noninstitutional population ¹	93,039	93,132	93,222	93,311	93,397	93,452	93,527	93,603	93,674	93,751	93,828	93,915	93,999
Labor force ¹	49,984	49,895	50,163	50,116	50,348	50,750	50,970	51,293	51,086	51,047	50,877	51,117	51,123
Percent of population ²	53.7	53.8	53.8	53.7	53.9	54.3	54.5	54.8	54.5	54.4	54.2	54.4	54.4
Total employed ¹	46,094	46,155	46,336	46,476	46,719	46,875	47,162	47,392	47,242	47,113	47,113	47,310	47,391
Employment-population ratio ³	49.5	49.6	49.7	49.8	50.0	50.2	50.4	50.6	50.4	50.3	50.2	50.4	50.4
Resident Armed Forces	149	149	148	147	148	148	149	148	149	149	150	150	152
Civilian employed	45,945	46,006	46,188	46,329	46,571	46,727	47,013	47,244	47,093	46,964	46,963	47,160	47,239
Unemployed	3,890	3,740	3,827	3,640	3,629	3,875	3,807	3,900	3,844	3,934	3,764	3,807	3,732
Unemployment rate ⁴	7.8	7.5	7.6	7.3	7.2	7.6	7.5	7.6	7.5	7.7	7.4	7.4	7.3
Not in labor force	43,055	43,237	43,059	43,195	43,049	42,702	42,557	42,310	42,588	42,704	42,951	42,798	42,876

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	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
TOTAL													
Civilian noninstitutional population ¹	176,583	176,763	176,956	177,135	177,306	177,384	177,516	177,667	177,799	177,944	178,096	178,263	178,405
Civilian labor force	113,629	113,764	114,016	114,074	114,464	114,875	115,084	115,514	115,371	115,373	114,783	115,314	115,299
Percent of population	64.3	64.4	64.4	64.4	64.6	64.8	64.8	65.0	64.9	64.8	64.5	64.7	64.6
Employed	105,148	105,394	105,649	105,932	106,273	106,391	106,685	107,119	106,945	106,960	106,370	106,862	107,172
Employment-population ratio ²	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.3	60.1	60.1	59.7	59.9	60.1
Unemployed	8,481	8,370	8,367	8,142	8,191	8,484	8,399	8,396	8,426	8,413	8,413	8,451	8,127
Unemployment rate	7.5	7.4	7.3	7.1	7.2	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.0
Men, 20 years and over													
Civilian noninstitutional population ¹	76,350	76,451	76,565	76,663	76,753	76,760	76,829	76,904	76,988	77,068	77,135	77,243	77,306
Civilian labor force	59,771	59,892	59,913	59,994	60,131	60,033	60,061	60,152	60,177	60,214	60,100	60,143	60,227
Percent of population	78.3	78.3	78.3	78.3	78.3	78.2	78.2	78.2	78.1	77.9	77.9	77.9	77.9
Employed	55,935	56,075	56,182	56,269	56,372	56,234	56,287	56,421	56,370	56,563	56,209	56,376	56,628
Employment-population ratio ²	73.3	73.3	73.4	73.4	73.4	73.3	73.3	73.4	73.2	73.4	72.9	73.0	73.3
Agriculture	2,406	2,414	2,334	2,434	2,494	2,417	2,362	2,326	2,390	2,370	2,266	2,231	2,232
Nonagricultural industries	53,529	53,661	53,848	53,835	53,878	53,817	53,926	54,095	53,980	54,193	53,944	54,145	54,396
Unemployed	3,836	3,817	3,731	3,725	3,759	3,798	3,774	3,731	3,807	3,651	3,891	3,767	3,600
Unemployment rate	6.4	6.4	6.2	6.2	6.3	6.3	6.3	6.2	6.3	6.1	6.5	6.3	6.0
Not in labor force	16,579	16,559	16,652	16,669	16,622	16,727	16,768	16,752	16,811	16,854	17,035	17,100	17,079
Women, 20 years and over													
Civilian noninstitutional population ¹	85,581	85,688	85,793	85,897	85,995	86,015	86,086	86,181	86,274	86,380	86,477	86,575	86,652
Civilian labor force	46,092	45,950	46,264	46,279	46,463	46,771	46,894	47,193	47,155	47,077	47,180	47,184	47,344
Percent of population	53.9	53.6	53.9	53.9	54.0	54.4	54.5	54.8	54.7	54.5	54.6	54.5	54.6
Employed	42,878	42,906	43,091	43,252	43,511	43,610	43,768	44,014	43,958	43,846	44,032	44,059	44,152
Employment-population ratio ²	50.1	50.1	50.2	50.4	50.6	50.7	50.8	51.1	51.0	50.8	50.9	50.9	51.0
Agriculture	573	590	569	580	595	592	614	659	651	597	558	596	571
Nonagricultural industries	42,305	42,316	42,522	42,672	42,916	43,018	43,153	43,355	43,307	43,249	43,474	43,463	43,580
Unemployed	3,214	3,044	3,173	3,027	2,952	3,161	3,126	3,179	3,197	3,231	3,148	3,125	3,192
Unemployment rate	7.0	6.6	6.9	6.5	6.4	6.8	6.7	6.7	6.8	6.9	6.7	6.6	6.7
Not in labor force	39,489	39,738	39,529	39,618	39,532	39,244	39,192	38,988	39,119	39,303	39,297	39,391	39,308
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	14,653	14,624	14,598	14,575	14,557	14,610	14,600	14,582	14,538	14,496	14,483	14,445	14,448
Civilian labor force	7,766	7,922	7,839	7,801	7,870	8,072	8,129	8,169	8,039	8,082	7,502	7,986	7,728
Percent of population	53.0	54.2	53.7	53.5	54.1	55.2	55.7	56.0	55.3	55.8	51.8	55.3	53.5
Employed	6,335	6,413	6,376	6,411	6,390	6,547	6,630	6,684	6,617	6,551	6,128	6,427	6,393
Employment-population ratio ²	43.2	43.9	43.7	44.0	43.9	44.8	45.4	45.8	45.5	45.2	42.3	44.5	44.2
Agriculture	285	315	266	320	296	311	364	377	387	345	313	298	289
Nonagricultural industries	6,050	6,098	6,110	6,091	6,094	6,236	6,266	6,307	6,230	6,206	5,815	6,129	6,104
Unemployed	1,431	1,509	1,463	1,390	1,480	1,525	1,499	1,485	1,422	1,531	1,374	1,559	1,335
Unemployment rate	18.4	19.0	18.7	17.8	18.8	18.9	18.4	18.2	17.7	18.9	18.3	19.5	17.3
Not in labor force	6,887	6,702	6,759	6,774	6,687	6,538	6,471	6,413	6,499	6,414	6,981	6,459	6,720

¹ The population figures are not adjusted for seasonal variation.

² Civilian employment as a percent of the civilian noninstitutional

population.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
WHITE													
Civilian noninstitutional population ¹	152,402	152,471	152,605	152,659	152,734	153,103	153,191	153,296	153,388	153,489	153,597	153,717	153,819
Civilian labor force	98,223	98,426	98,631	98,630	99,005	99,496	99,711	100,035	99,805	99,768	99,441	99,735	99,735
Percent of population	64.4	64.6	64.6	64.6	64.8	65.0	65.1	65.3	65.1	65.0	64.7	64.9	64.8
Employed	91,951	92,177	92,407	92,587	92,884	93,124	93,552	93,785	93,544	93,539	92,990	93,374	93,599
Employment-population ratio ²	60.3	60.5	60.6	60.6	60.8	60.8	61.1	61.2	61.0	60.9	60.5	60.7	60.8
Unemployed	6,272	6,249	6,224	6,043	6,121	6,372	6,159	6,250	6,262	6,230	6,451	6,362	6,136
Unemployment rate	6.4	6.3	6.3	6.1	6.2	6.4	6.2	6.2	6.3	6.2	6.5	6.4	6.2
Men, 20 years and over													
Civilian labor force	52,392	52,494	52,508	52,586	52,695	52,727	52,750	52,823	52,866	52,853	52,798	52,754	52,846
Percent of population	78.6	78.7	78.6	78.7	78.8	78.6	78.6	78.6	78.6	78.5	78.4	78.2	78.3
Employed	49,497	49,604	49,667	49,745	49,840	49,808	49,907	49,995	49,970	50,098	49,732	49,810	50,036
Employment-population ratio ²	74.3	74.4	74.4	74.5	74.5	74.3	74.4	74.4	74.3	74.4	73.8	73.9	74.2
Unemployed	2,895	2,890	2,841	2,841	2,855	2,918	2,843	2,828	2,896	2,756	3,066	2,944	2,811
Unemployment rate	5.5	5.5	5.4	5.4	5.4	5.5	5.4	5.4	5.5	5.2	5.8	5.6	5.3
Women, 20 years and over													
Civilian labor force	39,130	39,014	39,271	39,237	39,434	39,789	39,925	40,158	40,024	39,961	40,102	40,130	40,253
Percent of population	53.1	52.9	53.2	53.2	53.4	53.7	53.9	54.1	53.9	53.8	53.9	53.9	54.0
Employed	36,827	36,784	36,979	37,063	37,259	37,440	37,681	37,798	37,686	37,609	37,759	37,831	37,941
Employment-population ratio ²	50.0	49.9	50.1	50.2	50.4	50.6	50.8	51.0	50.8	50.6	50.8	50.8	50.9
Unemployed	2,303	2,230	2,292	2,174	2,175	2,348	2,244	2,360	2,338	2,352	2,343	2,299	2,312
Unemployment rate	5.9	5.7	5.8	5.5	5.5	5.9	5.6	5.9	5.8	5.9	5.8	5.7	5.7
Both sexes, 16 to 19 years													
Civilian labor force	6,701	6,918	6,852	6,807	6,876	6,981	7,036	7,054	6,915	6,954	6,541	6,852	6,635
Percent of population	55.5	57.4	56.9	56.6	57.3	58.2	58.8	59.1	58.0	58.5	55.0	57.7	55.9
Employed	5,627	5,789	5,761	5,779	5,785	5,876	5,964	5,992	5,888	5,832	5,499	5,733	5,622
Employment-population ratio ²	46.6	48.0	47.8	48.1	48.2	49.0	49.8	50.2	49.4	49.0	46.3	48.3	47.4
Unemployed	1,074	1,129	1,091	1,028	1,091	1,105	1,072	1,062	1,027	1,122	1,042	1,119	1,013
Unemployment rate	16.0	16.3	15.9	15.1	15.9	15.8	15.2	15.1	14.9	16.1	15.9	16.3	15.3
Men	16.7	17.0	16.6	16.2	16.2	15.9	17.0	15.2	15.3	16.8	16.7	17.5	17.6
Women	15.4	15.5	15.2	13.9	15.5	15.8	13.4	14.9	14.3	15.3	15.1	15.0	12.7
BLACK													
Civilian noninstitutional population ¹	19,386	19,416	19,449	19,481	19,513	19,518	19,542	19,569	19,594	19,620	19,646	19,675	19,700
Civilian labor force	12,142	12,082	12,208	12,276	12,306	12,315	12,309	12,280	12,403	12,370	12,269	12,347	12,267
Percent of population	62.6	62.2	62.8	63.0	63.1	63.1	63.0	62.8	63.3	63.0	62.5	62.8	62.3
Employed	10,222	10,260	10,340	10,426	10,462	10,475	10,301	10,412	10,508	10,438	10,551	10,493	10,548
Employment-population ratio ²	52.7	52.8	53.2	53.5	53.6	53.7	52.7	53.2	53.6	53.2	53.7	53.3	53.5
Unemployed	1,920	1,822	1,868	1,850	1,844	1,840	2,008	1,869	1,894	1,932	1,718	1,854	1,718
Unemployment rate	15.8	15.1	15.3	15.1	15.0	14.9	16.3	15.2	15.3	15.6	14.0	15.0	14.0
Men, 20 years and over													
Civilian labor force	5,718	5,697	5,739	5,729	5,762	5,699	5,735	5,683	5,713	5,731	5,725	5,745	5,753
Percent of population	75.0	74.6	75.0	74.7	74.9	74.4	74.8	73.9	74.2	74.3	74.1	74.2	74.2
Employed	4,914	4,927	4,970	4,998	4,998	4,973	4,907	4,929	4,937	4,954	5,027	5,019	5,073
Employment-population ratio ²	64.5	64.5	64.9	65.1	65.0	64.9	64.0	64.1	64.1	64.2	65.1	64.9	65.5
Unemployed	804	770	769	731	764	726	828	754	776	777	699	726	680
Unemployment rate	14.1	13.5	13.4	12.8	13.3	12.7	14.4	13.3	13.6	13.6	12.2	12.6	11.8
Women, 20 years and over													
Civilian labor force	5,589	5,538	5,601	5,704	5,703	5,709	5,671	5,684	5,767	5,716	5,714	5,687	5,678
Percent of population	58.1	57.5	58.0	59.0	58.9	59.0	58.5	58.5	59.3	58.6	58.5	58.1	58.0
Employed	4,818	4,841	4,851	4,932	4,977	4,977	4,881	4,953	5,008	4,934	5,010	4,937	4,927
Employment-population ratio ²	50.1	50.2	50.3	51.0	51.4	51.4	50.3	51.0	51.5	50.6	51.3	50.5	50.3
Unemployed	771	697	750	772	726	732	790	731	759	782	704	750	751
Unemployment rate	13.8	12.6	13.4	13.5	12.7	12.8	13.9	12.9	13.2	13.7	12.3	13.2	13.2

See footnotes at end of table.

HOUSEHOLD DATA
SEASONALLY ADJUSTED

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	835	847	868	843	841	907	904	913	923	923	830	915	836
Percent of population	38.8	39.5	40.5	39.4	39.4	41.7	41.6	42.1	42.6	42.7	38.4	42.4	38.8
Employed	490	492	519	496	487	525	514	530	563	550	514	537	548
Employment-population ratio ²	22.8	22.9	24.2	23.2	22.8	24.1	23.7	24.4	26.0	25.5	23.8	24.9	25.4
Unemployed	345	355	349	347	354	382	390	383	360	373	316	378	288
Unemployment rate	41.3	41.9	40.2	41.2	42.1	42.1	43.1	41.9	39.0	40.4	38.1	41.3	34.4
Men	40.5	41.0	43.8	42.0	43.8	45.3	41.1	40.9	38.5	38.4	40.7	43.3	34.1
Women	42.2	43.0	36.2	40.2	40.1	38.5	45.3	43.1	39.5	42.5	35.2	39.0	34.9
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	11,209	11,240	11,270	11,301	11,332	11,363	11,394	11,425	11,457	11,485	11,514	11,544	11,573
Civilian labor force	7,299	7,353	7,384	7,394	7,472	7,255	7,330	7,365	7,336	7,330	7,416	7,470	7,547
Percent of population	65.1	65.4	65.5	65.4	65.9	63.8	64.3	64.5	64.0	63.8	64.4	64.7	65.2
Employed	6,521	6,573	6,574	6,636	6,698	6,487	6,621	6,615	6,577	6,546	6,629	6,634	6,771
Employment-population ratio ²	58.2	58.5	58.3	58.7	59.1	57.1	58.1	57.9	57.4	57.0	57.6	57.5	58.5
Unemployed	778	780	810	758	774	768	709	750	759	784	787	836	776
Unemployment rate	10.7	10.6	11.0	10.3	10.4	10.6	9.7	10.2	10.3	10.7	10.6	11.2	10.3

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	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
CHARACTERISTIC													
Total	105,148	105,394	105,649	105,932	106,273	106,391	106,685	107,119	106,945	106,960	106,370	106,862	107,172
Married men, spouse present	39,073	39,071	39,054	39,337	39,443	39,441	39,357	39,531	39,434	39,244	38,897	39,060	39,109
Married women, spouse present	25,772	25,715	25,897	25,995	26,122	25,912	26,108	26,195	26,058	25,951	26,130	26,295	26,363
Women who maintain families	5,496	5,429	5,378	5,396	5,396	5,584	5,525	5,631	5,622	5,683	5,696	5,624	5,627
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,453	1,565	1,511	1,593	1,733	1,596	1,611	1,610	1,705	1,611	1,538	1,461	1,427
Self-employed workers	1,562	1,555	1,487	1,555	1,485	1,531	1,503	1,502	1,491	1,507	1,446	1,487	1,448
Unpaid family workers	209	195	187	204	212	227	242	263	231	196	154	168	174
Nonagricultural industries:													
Wage and salary workers	93,680	94,140	94,415	94,442	94,725	95,068	95,348	95,756	95,617	95,772	95,229	95,456	95,716
Government	15,758	15,881	15,997	15,785	15,858	15,738	16,009	16,004	15,968	15,905	15,988	15,843	16,080
Private industries	77,922	78,259	78,418	78,657	78,867	79,330	79,339	79,752	79,649	79,866	79,242	79,613	79,636
Private households	1,199	1,198	1,213	1,228	1,257	1,374	1,304	1,210	1,208	1,259	1,204	1,258	1,320
Other industries	76,723	77,061	77,205	77,429	77,610	77,956	78,035	78,542	78,441	78,607	78,038	78,355	78,316
Self-employed workers	7,807	7,752	7,782	7,731	7,786	7,783	7,673	7,809	7,696	7,665	7,694	7,692	7,904
Unpaid family workers	321	318	314	357	357	343	340	320	304	283	292	264	303
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	5,582	5,690	5,710	5,623	5,814	5,628	5,335	5,664	5,664	5,912	5,533	5,624	5,713
Slack work	2,371	2,461	2,514	2,449	2,596	2,431	2,212	2,599	2,580	2,658	2,543	2,404	2,509
Could only find part-time work	2,743	2,943	2,879	2,855	2,873	2,848	2,835	2,744	2,755	2,888	2,706	2,752	2,865
Voluntary part time	13,210	13,144	13,126	13,142	13,239	13,355	13,647	13,624	13,278	12,905	13,398	13,791	13,697
Nonagricultural industries:													
Part time for economic reasons	5,384	5,449	5,483	5,413	5,596	5,389	5,077	5,400	5,374	5,617	5,257	5,350	5,443
Slack work	2,254	2,306	2,364	2,319	2,473	2,287	2,040	2,405	2,390	2,457	2,341	2,242	2,353
Could only find part-time work	2,675	2,847	2,821	2,782	2,793	2,749	2,751	2,649	2,668	2,803	2,646	2,668	2,766
Voluntary part time	12,747	12,669	12,679	12,670	12,778	12,661	13,157	13,137	12,834	12,483	12,970	13,343	13,266

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	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Total, 16 years and over	105,148	105,394	105,649	105,932	106,273	106,391	106,685	107,119	106,945	106,960	106,370	106,862	107,172
16 to 24 years	20,349	20,584	20,647	20,721	20,673	20,716	20,705	20,685	20,678	20,521	20,069	20,283	20,263
16 to 19 years	6,335	6,413	6,376	6,411	6,390	6,547	6,630	6,684	6,617	6,551	6,128	6,427	6,393
16 to 17 years	2,336	2,480	2,418	2,415	2,432	2,513	2,584	2,596	2,527	2,532	2,377	2,494	2,501
18 to 19 years	3,923	3,964	3,972	3,968	3,970	4,038	4,041	4,097	4,080	4,027	3,768	3,888	3,788
20 to 24 years	14,014	14,171	14,271	14,310	14,283	14,169	14,074	14,001	14,061	13,969	13,940	13,856	13,871
25 years and over	84,783	84,802	84,995	85,203	85,562	85,664	85,910	86,487	86,301	86,413	86,424	86,594	86,900
25 to 54 years	70,567	70,563	70,859	71,006	71,294	71,508	71,634	71,978	72,023	72,038	72,166	72,427	72,577
55 years and over	14,202	14,255	14,142	14,191	14,252	14,221	14,239	14,492	14,334	14,274	14,312	14,172	14,299
Men, 16 years and over	59,203	59,388	59,461	59,603	59,702	59,664	59,672	59,874	59,852	59,997	59,407	59,702	59,933
16 to 24 years	10,738	10,870	10,882	10,955	10,898	10,870	10,749	10,785	10,889	10,789	10,482	10,580	10,615
16 to 19 years	3,268	3,313	3,279	3,334	3,330	3,430	3,385	3,454	3,481	3,434	3,198	3,327	3,305
16 to 17 years	1,167	1,319	1,249	1,258	1,286	1,317	1,329	1,327	1,369	1,342	1,222	1,288	1,276
18 to 19 years	2,040	2,025	2,039	2,058	2,052	2,104	2,045	2,112	2,107	2,105	1,987	2,019	1,969
20 to 24 years	7,470	7,557	7,603	7,621	7,568	7,440	7,364	7,332	7,408	7,358	7,285	7,253	7,310
25 years and over	48,447	48,513	48,564	48,644	48,770	48,790	48,862	49,118	49,027	49,198	49,005	49,120	49,342
25 to 54 years	40,035	40,109	40,226	40,300	40,384	40,357	40,455	40,534	40,565	40,776	40,572	40,763	40,824
55 years and over	8,394	8,430	8,362	8,341	8,365	8,419	8,401	8,579	8,478	8,409	8,472	8,340	8,474
Women, 16 years and over	45,945	46,006	46,188	46,329	46,571	46,727	47,013	47,244	47,093	46,964	46,963	47,160	47,239
16 to 24 years	9,611	9,714	9,765	9,766	9,775	9,846	9,956	9,899	9,789	9,732	9,586	9,703	9,648
16 to 19 years	3,067	3,100	3,097	3,077	3,060	3,117	3,246	3,230	3,135	3,118	2,931	3,101	3,088
16 to 17 years	1,169	1,161	1,169	1,157	1,146	1,196	1,255	1,269	1,158	1,190	1,155	1,206	1,225
18 to 19 years	1,883	1,939	1,933	1,910	1,918	1,934	1,996	1,985	1,973	1,922	1,781	1,869	1,819
20 to 24 years	6,544	6,614	6,668	6,689	6,715	6,729	6,710	6,669	6,653	6,614	6,656	6,602	6,560
25 years and over	36,336	36,289	36,431	36,559	36,792	36,874	37,048	37,370	37,274	37,215	37,418	37,474	37,558
25 to 54 years	30,532	30,454	30,633	30,706	30,910	31,150	31,179	31,443	31,458	31,262	31,594	31,664	31,753
55 years and over	5,808	5,825	5,780	5,850	5,887	5,802	5,839	5,913	5,856	5,865	5,840	5,832	5,825

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

(In thousands)

Sex and age	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Total, 16 years and over	8,481	8,370	8,367	8,142	8,191	8,484	8,399	8,396	8,426	8,413	8,413	8,451	8,127
16 to 24 years	3,284	3,336	3,225	3,147	3,230	3,251	3,281	3,236	3,161	3,394	3,138	3,301	2,998
16 to 19 years	1,431	1,509	1,463	1,390	1,480	1,525	1,499	1,485	1,422	1,531	1,374	1,559	1,335
16 to 17 years	630	656	613	604	646	675	648	685	660	678	639	705	573
18 to 19 years	784	852	858	802	854	848	851	811	767	845	729	831	743
20 to 24 years	1,853	1,827	1,762	1,757	1,750	1,726	1,782	1,751	1,739	1,863	1,764	1,742	1,663
25 years and over	5,155	5,070	5,109	4,998	4,965	5,233	5,116	5,149	5,263	5,044	5,321	5,158	5,098
25 to 54 years	4,513	4,421	4,422	4,350	4,354	4,606	4,519	4,543	4,642	4,402	4,640	4,522	4,492
55 years and over	672	667	701	649	615	631	580	599	599	639	635	668	618
Men, 16 years and over	4,591	4,630	4,540	4,502	4,562	4,609	4,592	4,495	4,582	4,479	4,649	4,644	4,395
16 to 24 years	1,788	1,861	1,742	1,735	1,789	1,745	1,806	1,734	1,716	1,878	1,746	1,835	1,669
16 to 19 years	755	813	809	777	803	811	818	764	775	828	758	877	795
16 to 17 years	333	350	338	320	318	354	346	378	374	382	386	381	360
18 to 19 years	406	466	476	462	490	461	466	392	406	444	381	479	416
20 to 24 years	1,033	1,048	933	958	986	934	988	970	941	1,050	988	958	874
25 years and over	2,810	2,805	2,794	2,777	2,785	2,853	2,775	2,750	2,865	2,608	2,902	2,801	2,728
25 to 54 years	2,404	2,393	2,381	2,372	2,393	2,484	2,418	2,401	2,516	2,245	2,505	2,412	2,396
55 years and over	408	426	411	409	388	377	352	339	344	356	397	403	330
Women, 16 years and over	3,890	3,740	3,827	3,640	3,629	3,875	3,807	3,900	3,844	3,934	3,764	3,807	3,732
16 to 24 years	1,496	1,475	1,483	1,412	1,441	1,506	1,475	1,502	1,445	1,516	1,392	1,467	1,330
16 to 19 years	676	696	654	613	677	714	681	721	647	703	616	682	540
16 to 17 years	297	306	275	284	328	321	302	307	286	296	253	324	213
18 to 19 years	378	386	382	340	364	387	385	419	361	401	348	352	327
20 to 24 years	820	779	829	799	764	792	794	781	798	813	776	785	790
25 years and over	2,345	2,265	2,315	2,221	2,180	2,380	2,341	2,399	2,398	2,436	2,419	2,357	2,370
25 to 54 years	2,109	2,028	2,041	1,978	1,961	2,122	2,100	2,142	2,126	2,157	2,136	2,110	2,096
55 years and over	264	241	290	240	227	254	229	260	255	283	237	265	288

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

(Civilian workers)

Sex and age	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Total, 16 years and over	7.5	7.4	7.3	7.1	7.2	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.0
16 to 24 years	13.9	13.9	13.5	13.2	13.5	13.6	13.7	13.5	13.3	14.2	13.5	14.0	12.9
16 to 19 years	18.4	19.0	18.7	17.8	18.8	18.9	18.4	18.2	17.7	18.9	18.3	19.5	17.3
16 to 17 years	21.2	20.9	20.2	20.0	21.0	21.2	20.0	20.9	20.7	21.1	21.2	22.0	18.6
18 to 19 years	16.7	17.7	17.8	16.8	17.7	17.4	17.4	16.5	15.8	17.3	16.2	17.6	16.4
20 to 24 years	11.7	11.4	11.0	10.9	10.9	10.9	11.2	11.1	11.0	11.8	11.2	11.2	10.7
25 years and over	5.7	5.6	5.7	5.5	5.5	5.8	5.6	5.6	5.7	5.5	5.8	5.6	5.5
25 to 54 years	6.0	5.9	5.9	5.8	5.8	6.1	5.9	5.9	6.1	5.8	6.0	5.9	5.8
55 years and over	4.5	4.5	4.7	4.4	4.1	4.2	3.9	4.0	4.0	4.3	4.2	4.5	4.1
Men, 16 years and over	7.2	7.2	7.1	7.0	7.1	7.2	7.1	7.0	7.1	6.9	7.3	7.2	6.8
16 to 24 years	14.3	14.6	13.8	13.7	14.1	13.8	14.4	13.9	13.6	14.8	14.3	14.8	13.6
16 to 19 years	18.8	19.7	19.8	18.9	19.4	19.1	19.5	18.1	18.2	19.4	19.2	20.9	19.4
16 to 17 years	22.2	21.0	21.3	20.3	19.8	21.2	20.7	22.2	21.5	22.2	24.0	22.8	22.0
18 to 19 years	16.6	18.7	18.9	18.3	19.3	18.0	18.6	15.7	16.2	17.4	16.1	19.2	17.4
20 to 24 years	12.1	12.2	10.9	11.2	11.5	11.2	11.8	11.7	11.3	12.5	11.9	11.7	10.7
25 years and over	5.5	5.5	5.4	5.4	5.4	5.5	5.4	5.3	5.5	5.0	5.6	5.4	5.2
25 to 54 years	5.7	5.6	5.6	5.6	5.6	5.8	5.6	5.6	5.8	5.2	5.8	5.6	5.5
55 years and over	4.6	4.8	4.7	4.7	4.4	4.3	4.0	3.8	3.9	4.1	4.5	4.6	3.8
Women, 16 years and over	7.8	7.5	7.7	7.3	7.2	7.7	7.5	7.6	7.5	7.7	7.4	7.5	7.3
16 to 24 years	13.5	13.2	13.2	12.6	12.8	13.3	12.9	13.2	12.9	13.5	12.7	13.1	12.1
16 to 19 years	18.1	18.3	17.4	16.6	18.1	18.6	17.3	18.2	17.1	18.4	17.4	18.0	14.9
16 to 17 years	20.3	20.9	19.0	19.7	22.3	21.2	19.4	19.5	19.8	19.9	18.0	21.2	14.8
18 to 19 years	16.7	16.6	16.5	15.1	16.0	16.7	16.2	17.4	15.5	17.3	16.3	15.8	15.2
20 to 24 years	11.1	10.5	11.1	10.7	10.2	10.5	10.6	10.5	10.7	10.9	10.4	10.6	10.7
25 years and over	6.1	5.9	6.0	5.7	5.6	6.1	5.9	6.0	6.0	6.1	6.1	5.9	5.9
25 to 54 years	6.5	6.2	6.2	6.1	6.0	6.4	6.3	6.4	6.3	6.5	6.3	6.2	6.2
55 years and over	4.3	4.0	4.8	3.9	3.7	4.2	3.8	4.2	4.2	4.6	3.9	4.4	4.7

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
CHARACTERISTIC													
Total (all civilian workers)	7.5	7.4	7.3	7.1	7.2	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.0
Men, 20 years and over	6.4	6.4	6.2	6.2	6.3	6.3	6.3	6.2	6.3	6.1	6.5	6.3	6.0
Women, 20 years and over	7.0	6.6	6.9	6.5	6.4	6.8	6.7	6.7	6.8	6.9	6.7	6.6	6.7
Both sexes, 16 to 19 years	18.4	19.0	18.7	17.8	18.8	18.9	18.4	18.2	17.7	18.9	18.3	19.5	17.3
White	6.4	6.3	6.3	6.1	6.2	6.4	6.2	6.2	6.3	6.2	6.5	6.4	6.2
Black and other	14.3	13.8	13.8	13.7	13.6	13.7	14.6	13.9	13.9	14.1	12.8	13.5	12.7
Black	15.8	15.1	15.3	15.1	15.0	14.9	16.3	15.2	15.3	15.6	14.0	15.0	14.0
Hispanic origin	10.7	10.6	11.0	10.3	10.4	10.6	9.7	10.2	10.3	10.7	10.6	11.2	10.3
Married men, spouse present	4.5	4.6	4.5	4.4	4.4	4.6	4.4	4.2	4.3	4.0	4.6	4.4	4.1
Married women, spouse present	5.8	5.7	5.7	5.4	5.4	5.7	5.4	5.9	5.9	5.8	5.9	5.7	5.4
Women who maintain families	10.3	10.1	10.4	10.8	9.6	10.0	11.0	10.2	10.8	10.9	9.8	10.2	11.1
Full-time workers	7.1	7.1	7.1	6.9	6.9	7.1	7.1	6.9	6.9	6.8	6.8	7.0	6.7
Part-time workers	9.6	9.3	9.1	8.6	8.8	9.3	8.7	9.6	9.7	10.3	9.9	9.5	9.0
Unemployed 15 weeks and over ¹	2.3	2.3	2.2	2.1	2.1	2.0	2.1	2.1	2.1	1.9	2.0	2.0	2.0
Labor force time lost ²	8.5	8.5	8.4	8.2	8.3	8.2	8.2	8.2	8.2	8.3	8.2	8.3	8.1
INDUSTRY													
Nonagricultural private wage and salary workers	7.4	7.3	7.2	7.2	7.2	7.3	7.3	7.2	7.3	7.2	7.4	7.3	7.1
Mining	10.2	8.6	10.5	11.7	10.7	10.1	10.9	11.0	10.9	7.3	11.1	9.8	8.3
Construction	14.1	13.9	13.7	14.2	13.7	13.4	13.4	13.3	13.3	10.2	13.7	13.4	13.1
Manufacturing	7.4	7.4	7.3	7.2	7.2	7.6	7.5	7.7	8.0	7.8	7.7	8.0	7.8
Durable goods	6.9	6.9	6.9	7.0	7.1	7.2	7.1	7.4	7.8	7.8	8.0	8.0	7.9
Nondurable goods	8.1	8.1	7.8	7.4	7.2	8.1	8.2	8.1	8.3	7.7	7.4	8.0	7.7
Transportation and public utilities	5.9	5.9	5.3	5.2	5.0	4.9	5.5	4.6	5.4	5.2	5.3	5.8	4.3
Wholesale and retail trade	7.7	8.0	7.9	7.6	7.5	7.7	7.7	7.5	7.3	7.9	7.7	7.5	7.7
Finance and service industries	6.0	5.6	5.7	5.8	5.9	5.9	5.7	5.7	5.7	6.2	5.8	5.6	5.5
Agricultural wage and salary workers	13.1	14.7	13.7	11.2	12.2	15.5	13.6	12.2	13.1	11.5	12.1	14.3	14.3

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	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
DURATION													
Less than 5 weeks	3,513	3,313	3,395	3,352	3,282	3,662	3,524	3,590	3,558	3,659	3,458	3,578	3,372
5 to 14 weeks	2,406	2,533	2,406	2,324	2,516	2,552	2,469	2,478	2,525	2,635	2,547	2,508	2,497
15 weeks and over	2,621	2,605	2,527	2,428	2,374	2,243	2,416	2,400	2,377	2,247	2,317	2,348	2,264
15 to 26 weeks	1,116	1,106	1,092	990	972	941	1,076	1,065	1,022	1,040	1,011	1,094	1,050
27 weeks and over	1,505	1,499	1,435	1,438	1,402	1,302	1,340	1,335	1,354	1,207	1,306	1,254	1,214
Average (mean) duration, in weeks	17.6	17.3	16.7	17.4	17.3	15.3	15.9	15.9	16.1	14.9	15.4	15.4	15.6
Median duration, in weeks	7.6	7.6	7.3	7.3	7.4	6.7	7.2	7.1	6.7	6.2	6.6	7.2	7.5
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	41.1	39.2	40.8	41.4	40.2	43.3	41.9	42.4	42.1	42.8	41.5	42.4	41.5
5 to 14 weeks	28.2	30.0	28.9	28.7	30.8	30.2	29.4	29.3	29.8	30.8	30.6	29.7	30.7
15 weeks and over	30.7	30.8	30.3	30.0	29.1	26.5	28.7	28.3	28.1	26.3	27.8	27.8	27.8
15 to 26 weeks	13.1	13.1	13.1	12.2	11.9	11.1	12.8	12.6	12.1	12.2	12.2	13.0	12.9
27 weeks and over	17.6	17.7	17.2	17.7	17.2	15.4	15.9	15.8	16.0	14.1	15.7	14.9	14.9

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

(Numbers in thousands)

Reasons for unemployment	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
NUMBER OF UNEMPLOYED													
Job losers	4,227	4,188	4,261	4,141	4,176	4,313	4,251	4,158	4,228	3,935	4,128	4,333	4,160
On layoff	1,146	1,110	1,151	1,068	1,070	1,229	1,240	1,163	1,208	1,059	1,124	1,130	1,099
Other job losers	3,081	3,078	3,110	3,073	3,106	3,084	3,011	2,995	3,019	2,876	3,004	3,203	3,061
Job leavers	833	841	829	869	858	884	865	848	838	868	1,001	902	865
Reentrants	2,294	2,254	2,150	2,161	2,218	2,244	2,233	2,341	2,312	2,428	2,219	2,143	2,162
New entrants	1,088	1,057	1,060	1,024	1,011	1,049	1,035	1,090	1,072	1,159	1,017	1,097	920
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	50.1	50.2	51.3	50.5	50.5	50.8	50.7	49.3	50.0	46.9	49.3	51.1	51.3
On layoff	13.6	13.3	13.9	13.0	12.9	14.5	14.8	13.8	14.3	12.6	13.4	13.3	13.6
Other job losers	36.5	36.9	37.5	37.5	37.6	36.3	35.9	35.5	35.7	34.3	35.9	37.8	37.8
Job leavers	9.9	10.1	10.0	10.6	10.4	10.4	10.3	10.0	9.9	10.3	12.0	10.6	10.7
Reentrants	27.2	27.0	25.9	26.4	26.8	26.4	26.6	27.7	27.4	28.9	26.5	25.3	26.7
New entrants	12.9	12.7	12.8	12.5	12.2	12.4	12.3	12.9	12.7	13.8	12.2	12.9	11.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.7	3.7	3.7	3.6	3.6	3.8	3.7	3.6	3.7	3.4	3.6	3.8	3.6
Job leavers .....	.7	.7	.7	.8	.7	.8	.8	.7	.7	.8	.9	.8	.8
Reentrants	2.0	2.0	1.9	1.9	1.9	2.0	1.9	2.0	2.0	2.1	1.9	1.9	1.9
New entrants	1.0	.9	.9	.9	.9	.9	.9	.9	.9	1.0	.9	1.0	.8

**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	10,261	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	29,068	25,400	11,933	946	1,160	9,827	17,135	2,973	(1)	(1)	1,373	3,312	826	(1)	(1)
1937	31,011	27,255	12,936	1,015	1,127	10,794	18,075	3,134	(1)	(1)	1,417	3,503	833	(1)	(1)
1938	29,194	25,311	11,401	891	1,070	9,440	17,793	2,863	(1)	(1)	1,410	3,458	829	(1)	(1)
1939	30,603	26,608	12,297	854	1,165	10,278	18,306	2,936	(1)	(1)	1,447	3,502	905	(1)	(1)
1940	32,361	28,159	13,221	925	1,311	10,985	19,140	3,038	1,835	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	21,636	3,460	1,906	5,212	1,509	4,066	2,213	(1)	(1)
1943	42,434	36,356	20,114	925	1,587	17,602	22,320	3,647	1,822	5,160	1,481	4,130	2,905	(1)	(1)
1944	41,864	35,822	19,328	892	1,108	17,328	22,536	3,829	1,845	5,214	1,461	4,145	2,928	(1)	(1)
1945	40,374	34,431	17,507	836	1,147	15,524	22,867	3,906	1,949	5,365	1,481	4,222	2,808	(1)	(1)
1946	41,652	36,056	17,248	862	1,683	14,703	24,404	4,061	2,291	6,084	1,675	4,697	2,254	(1)	(1)
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,166	2,471	6,485	1,728	5,025	1,892	(1)	(1)
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,605	6,667	1,800	5,181	1,863	(1)	(1)
1949	43,754	37,897	17,565	930	2,194	14,441	26,189	4,001	2,602	6,662	1,828	5,240	1,908	(1)	(1)
1950	45,197	39,170	18,506	901	2,364	15,241	26,691	4,034	2,635	6,751	1,888	5,357	1,928	(1)	(1)
1951	47,819	41,430	19,959	929	2,637	16,393	27,860	4,226	2,727	7,015	1,956	5,547	2,302	(1)	(1)
1952	48,793	42,185	20,198	898	2,668	16,632	28,595	4,248	2,812	7,192	2,035	5,699	2,420	(1)	(1)
1953	50,202	43,556	21,074	866	2,659	17,549	29,128	4,290	2,854	7,393	2,111	5,835	2,305	(1)	(1)
1954	48,990	42,238	19,751	791	2,646	16,314	29,239	4,084	2,867	7,368	2,200	5,969	2,188	(1)	(1)
1955	50,641	43,727	20,513	792	2,839	16,882	30,128	4,141	2,926	7,610	2,298	6,240	2,187	(1)	(1)
1956	52,369	45,091	21,104	822	3,039	17,243	31,266	4,244	3,018	7,840	2,389	6,497	2,209	1,250	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	46,660	20,451	650	2,948	16,853	35,098	3,906	3,198	8,368	2,754	7,982	2,340	1,668	4,881
1963	56,653	47,429	20,640	635	3,010	16,995	36,013	3,903	3,248	8,530	2,830	8,277	2,358	1,747	5,121
1964	58,283	48,686	21,005	634	3,097	17,274	37,278	3,951	3,337	8,823	2,911	8,660	2,348	1,856	5,392
1965	60,765	50,689	21,926	632	3,232	18,062	38,839	4,036	3,466	9,250	2,977	9,036	2,378	1,996	5,700
1966	63,901	53,116	23,158	627	3,317	19,214	40,743	4,158	3,597	9,648	3,058	9,498	2,564	2,141	6,080
1967	65,803	54,413	23,308	613	3,248	19,447	42,495	4,268	3,689	9,917	3,185	10,045	2,519	2,302	6,371
1968	67,897	56,058	23,737	606	3,350	19,781	44,160	4,318	3,779	10,320	3,337	10,567	2,737	2,442	6,660
1969	70,384	58,189	24,361	619	3,575	20,167	46,023	4,442	3,907	10,798	3,512	11,169	2,758	2,533	6,904
1970	70,880	58,325	23,578	623	3,588	19,367	47,302	4,515	3,993	11,047	3,645	11,548	2,731	2,664	7,158
1971	71,214	58,331	22,935	609	3,704	18,623	48,278	4,476	4,001	11,351	3,772	11,797	2,696	2,747	7,437
1972	73,675	60,341	23,668	628	3,889	19,151	50,007	4,541	4,113	11,836	3,908	12,276	2,684	2,859	7,790
1973	76,790	63,058	24,893	642	4,097	20,154	51,897	4,656	4,277	12,329	4,046	12,857	2,663	2,923	8,146
1974	78,265	64,095	24,794	697	4,020	20,077	53,471	4,725	4,433	12,554	4,148	13,441	2,724	3,039	8,407
1975	76,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,415	12,645	4,165	13,892	2,748	3,179	8,758
1976	79,382	64,511	23,352	779	3,576	18,997	56,030	4,582	4,546	13,209	4,271	14,551	2,733	3,273	8,865
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,708	13,808	4,467	15,303	2,727	3,377	9,023
1978	86,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,969	14,573	4,724	16,252	2,753	3,474	9,446
1979	89,823	73,876	26,461	958	4,463	21,040	63,363	5,136	5,204	14,989	4,975	17,112	2,773	3,541	9,633
1980	90,406	74,166	25,658	1,027	4,346	20,285	64,748	5,146	5,275	15,035	5,160	17,890	2,866	3,610	9,765
1981	91,156	75,126	25,497	1,139	4,188	20,170	65,659	5,165	5,358	15,189	5,298	18,619	2,772	3,640	9,619
1982	89,566	73,729	23,813	1,128	3,905	18,781	65,753	5,082	5,278	15,179	5,341	19,036	2,739	3,640	9,458
1983	90,196	74,330	23,334	952	3,948	18,434	66,862	4,954	5,268	15,613	5,468	19,694	2,774	3,662	9,434
1984	94,461	78,477	24,730	974	4,345	19,412	69,731	5,171	5,550	16,584	5,682	20,761	2,807	3,712	9,465
Monthly data, seasonally adjusted															
1984:															
August	94,893	78,885	24,889	984	4,366	19,539	70,004	5,194	5,573	16,673	5,707	20,849	2,812	3,723	9,473
September	95,238	79,154	24,851	985	4,386	19,480	70,387	5,210	5,610	16,750	5,719	21,014	2,827	3,733	9,524
October	95,573	79,460	24,918	979	4,403	19,536	70,655	5,223	5,636	16,859	5,737	21,087	2,823	3,727	9,563
November	95,882	79,764	24,955	978	4,424	19,553	70,927	5,229	5,647	16,994	5,755	21,184	2,831	3,732	9,555
December	96,092	80,010	25,045	973	4,469	19,603	71,047	5,246	5,665	17,026	5,776	21,252	2,836	3,722	9,524
1985:															
January	96,419	80,319	25,112	974	4,534	19,604	71,307	5,259	5,686	17,090	5,790	21,382	2,836	3,730	9,534
February	96,591	80,480	25,062	976	4,525	19,561	71,529	5,272	5,697	17,160	5,809	21,480	2,834	3,733	9,544
March	96,910	80,767	25,056	977	4,553	19,526	71,854	5,269	5,714	17,249	5,835	21,644	2,850	3,744	9,549
April	97,120	80,962	25,090	982	4,641	19,467	72,030	5,278	5,733	17,280	5,858	21,723	2,859	3,749	9,550
May	97,421	81,208	25,066	982	4,658	19,426	72,355	5,301	5,748	17,392	5,888	21,813	2,873	3,759	9,581
June	97,473	81,260	25,010	974	4,638	19,398	72,463	5,295	5,768	17,425	5,906	21,856	2,872	3,765	9,576
July ^p	97,722	81,373	24,978	970	4,653	19,355	72,744	5,306	5,776	17,464	5,934	21,915	2,876	3,803	9,670
August ^p	98,010	81,672	25,031	961	4,678	19,392	72,979	5,290	5,804	17,511	5,972	22,064	2,887	3,818	9,633

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 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1984) and all seasonally adjusted data (beginning January 1981) 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				
		July 1984	Aug. 1984	June 1985	July 1985 ^a	Aug. 1985 ^a	July 1984	Aug. 1984	June 1985	July 1985 ^a	Aug. 1985 ^a
Total		94,510	94,808	98,377	97,663	97,949					
Total private		79,287	79,691	82,047	82,075	82,520	64,282	64,614	66,511	66,466	66,879
Mining		993	1,000	985	985	976	706	712	702	701	695
Metal mining	10	57.1	54.8	49.7	48.1		42.1	39.6	36.8	34.9	
Iron ores	101	12.7	10.9	10.3	8.6		9.5	8.0	7.9	6.1	
Copper ores	102	15.7	15.2	13.4	13.3		11.2	10.5	9.6	9.6	
Coal mining	11,12	204.2	204.7	197.3	196.1		166.3	166.2	161.9	160.5	
Bituminous coal and lignite mining	12	201.5	202.0	194.5	193.3		163.9	163.8	159.5	158.1	
Oil and gas extraction	13	617.2	624.3	620.7	623.1	616.0	409.1	416.3	412.7	415.3	
Crude petroleum, natural gas, and natural gas liquids	131,2	267.4	266.3	266.3	267.5	-	122.9	122.5	123.4	124.6	
Oil and gas field services	138	349.8	358.0	354.4	355.6		286.2	293.8	289.3	290.7	
Nonmetallic minerals, except fuels	14	114.7	115.7	117.5	117.7		88.6	89.5	90.4	90.3	
Crushed and broken stone	142	37.9	37.9	38.9	39.2		30.6	30.6	31.9	32.0	
Sand and gravel	144	36.6	36.9	38.5	38.7		-	-	-	-	
Chemical and fertilizer minerals	147	20.8	21.0	20.4	20.3						
Construction		4,627	4,677	4,837	4,946	5,015	3,641	3,682	3,821	3,918	3,980
General building contractors	15	1,243.9	1,247.1	1,277.2	1,314.9	1,320.9	939.6	939.4	962.1	996.0	
Residential building construction	152	628.9	625.9	637.4	657.0	-	463.2	456.5	469.1	486.8	
Operative builders	153	61.1	61.3	63.9	65.5		33.2	33.3	34.8	35.9	
Nonresidential building construction	154	553.9	559.9	575.9	592.4		443.2	449.6	458.2	473.3	
Heavy construction contractors	16	828.9	834.9	842.9	845.9		684.7	691.2	703.0	705.6	
Highway and street construction	161	290.6	295.2	303.6	312.2		248.4	253.5	260.0	268.3	
Heavy construction, except highway	162	538.3	539.7	539.3	533.7		436.3	437.7	443.0	437.3	
Special trade contractors	17	2,554.3	2,594.8	2,717.1	2,785.0		2,016.7	2,051.4	2,155.6	2,216.8	
Plumbing, heating, and air conditioning	171	582.1	587.0	605.2	622.5		431.5	435.8	446.8	461.3	
Painting, paper hanging, and decorating	172	169.4	172.5	178.2	184.9		143.5	146.8	149.3	155.5	
Electrical work	173	456.7	461.1	478.5	491.2		349.6	353.5	367.2	378.9	
Masonry, stonework, and plastering	174	399.7	404.2	441.8	456.6		341.4	344.6	379.8	393.7	
Carpentering and flooring	175	149.2	152.5	165.2	166.4		113.8	116.7	126.8	126.9	
Roofing and sheet metal work	176	195.4	199.8	193.6	204.0		159.2	163.5	156.9	167.2	
Manufacturing		19,465	19,666	19,537	19,319	19,516	13,316	13,488	13,291	13,076	13,271
Durable goods		11,570	11,643	11,651	11,500	11,562	7,764	7,818	7,754	7,604	7,659
Lumber and wood products	24	728.9	734.6	715.4	716.1	727.1	612.9	617.6	597.7	603.5	613.2
Logging camps and logging contractors	241	96.0	99.3	84.5	85.6	-	75.9	78.4	64.5	69.6	-
Sawmills and planing mills	242	207.8	208.6	202.9	201.6		184.7	185.3	179.3	178.5	
Sawmills and planing mills, general	2421	171.4	171.5	166.7	166.2		153.0	153.1	147.7	147.6	
Hardwood dimension and flooring	2426	31.7	32.3	31.4	30.6		27.8	28.2	27.5	26.8	
Millwork, plywood, and structural members	243	225.1	226.3	227.8	229.6		189.1	189.9	190.7	192.3	
Millwork	2431	84.4	84.6	87.6	89.2		69.1	69.2	71.4	72.9	
Wood kitchen cabinets	2434	58.1	58.6	59.6	59.7		47.8	48.2	48.7	48.7	
Hardwood veneer and plywood	2435	24.9	24.9	23.4	22.8		22.0	22.1	20.6	20.1	
Softwood veneer and plywood	2436	36.8	37.4	36.4	36.5		33.4	33.9	33.5	33.6	
Wood containers	244	43.2	43.2	44.0	43.9		36.7	36.8	37.5	37.3	
Wood buildings and mobile homes	245	79.6	78.5	77.7	78.1		62.2	61.3	60.1	61.2	
Mobile homes	2451	57.1	56.3	56.1	56.2		46.3	45.9	45.3	45.9	
Miscellaneous wood products	249	77.2	78.7	78.5	77.3		64.3	65.9	65.6	64.6	

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Durable goods—Continued											
Furniture and fixtures	25	476.9	486.4	494.0	481.9	493.6	380.5	388.9	393.5	381.6	392.7
Household furniture	251	283.5	289.3	291.4	280.0	-	236.7	241.6	243.4	232.7	-
Wood household furniture	2511	126.0	131.0	128.7	124.1	-	109.2	113.8	112.0	107.5	-
Upholstered household furniture	2512	90.4	91.9	93.8	89.9	-	74.1	75.2	76.9	73.4	-
Metal household furniture	2514	24.5	23.5	27.2	25.1	-	19.3	18.4	21.9	20.0	-
Mattresses and bedsprings	2515	29.5	29.7	28.6	27.8	-	22.9	23.1	21.7	21.0	-
Office furniture	252	63.4	65.5	69.3	68.0	-	48.6	50.4	53.0	51.7	-
Public building and related furniture	253	26.3	26.3	27.9	28.1	-	19.9	20.1	21.3	21.5	-
Partitions and fixtures	254	68.4	68.8	67.2	67.9	-	51.0	51.2	49.4	49.9	-
Miscellaneous furniture and fixtures	259	35.3	36.5	38.2	37.9	-	24.3	25.6	26.4	25.8	-
Stone, clay, and glass products	32	609.8	611.7	612.3	611.9	613.9	470.4	472.4	471.7	470.4	471.7
Flat glass	321	15.7	15.8	15.2	15.0	-	12.5	12.5	11.9	11.7	-
Glass and glassware, pressed or blown	322	99.5	98.6	93.9	91.7	-	84.4	84.1	79.7	77.6	-
Glass containers	3221	52.9	53.0	49.8	50.4	-	46.7	47.1	44.3	44.9	-
Pressed and blown glass, nec	3229	46.6	45.6	44.1	41.3	-	37.7	37.0	35.4	32.7	-
Products of purchased glass	323	48.4	49.3	51.3	51.6	-	33.4	34.4	35.8	35.9	-
Cement, hydraulic	324	25.1	25.1	24.6	24.4	-	19.7	19.7	19.3	19.2	-
Structural clay products	325	39.0	39.1	39.3	39.4	-	30.3	30.4	30.4	30.5	-
Pottery and related products	326	38.9	40.4	38.3	37.6	-	30.6	32.1	30.0	29.5	-
Concrete, gypsum, and plaster products	327	211.5	212.2	220.1	223.6	-	165.5	165.9	172.8	175.4	-
Concrete block and brick	3271	19.0	19.0	19.1	19.4	-	13.1	12.9	13.1	13.4	-
Concrete products, nec	3272	70.0	70.7	73.7	75.3	-	53.2	53.8	56.7	58.0	-
Ready-mixed concrete	3273	102.7	103.0	107.1	108.4	-	83.6	83.9	87.2	88.0	-
Misc. nonmetallic mineral products	329	120.3	119.6	118.1	117.4	-	85.0	84.1	82.7	81.9	-
Abrasive products	3291	22.8	22.8	22.3	21.8	-	15.3	15.2	14.4	14.0	-
Asbestos products	3292	12.6	12.0	11.8	11.5	-	9.7	9.2	9.0	8.7	-
Mineral wool	3296	27.9	27.7	27.6	27.9	-	-	-	-	-	-
Primary metal industries	33	863.0	864.4	826.0	803.9	798.3	654.3	656.3	624.5	605.5	600.6
Blast furnaces and basic steel products	331	342.8	333.9	310.2	304.6	295.0	264.5	256.5	237.1	232.8	223.0
Blast furnaces and steel mills	3312	272.9	264.4	243.9	240.2	-	212.1	204.6	188.0	185.6	-
Steel pipe and tubes	3317	25.2	25.1	23.8	23.9	-	18.6	18.4	17.5	17.6	-
Iron and steel foundries	332	147.9	151.9	146.7	140.4	-	116.6	120.2	115.8	110.0	-
Gray iron foundries	3321	94.2	96.5	92.1	87.9	-	76.6	78.5	75.2	71.0	-
Malleable iron foundries	3322	10.4	10.8	10.8	9.9	-	7.6	7.9	7.9	7.1	-
Steel foundries, nec	3325	30.7	31.9	29.6	28.6	-	23.1	24.3	22.1	21.3	-
Primary nonferrous metals	333	52.4	51.9	46.6	46.2	-	38.3	38.1	33.3	33.2	-
Primary aluminum	3334	28.1	27.7	24.5	24.3	-	21.7	21.4	18.3	18.2	-
Nonferrous rolling and drawing	335	190.2	193.3	191.1	185.4	-	133.2	136.7	135.3	130.2	-
Copper rolling and drawing	3351	26.6	27.6	26.0	25.2	-	19.2	20.4	19.6	19.1	-
Aluminum sheet, plate, and foil	3353	31.0	31.8	31.6	30.8	-	23.1	23.7	22.7	21.6	-
Nonferrous wire drawing and insulating	3357	80.5	81.8	79.0	75.2	-	56.6	58.3	57.0	53.8	-
Nonferrous foundries	336	85.1	88.0	87.1	84.3	-	68.1	70.6	70.1	67.7	-
Aluminum foundries	3361	52.5	54.6	53.6	51.7	-	42.9	44.7	43.9	42.1	-
Fabricated metal products	34	1,463.9	1,480.1	1,481.1	1,454.3	1,463.3	1,078.8	1,093.2	1,096.1	1,071.6	1,080.8
Metal cans and shipping containers	341	58.4	58.5	56.2	56.1	-	49.7	49.6	48.0	47.9	-
Metal cans	3411	46.9	46.9	44.8	45.0	-	40.6	40.5	39.0	39.2	-
Cutlery, hand tools, and hardware	342	145.4	147.7	145.5	141.4	-	107.4	109.5	107.8	104.2	-
Hand and edge tools, and hand saws and blades	3423.5	47.3	48.8	47.2	46.2	-	34.7	36.0	34.5	33.7	-
Hardware, nec	3429	85.0	85.6	85.6	83.5	-	64.3	64.8	64.8	62.8	-
Plumbing and heating, except electric	343	63.4	64.1	62.7	62.3	-	45.4	46.1	44.9	44.3	-
Plumbing fittings and brass goods	3432	25.2	25.1	24.0	23.8	-	19.1	19.1	17.7	17.3	-
Heating equipment, except electric	3433	28.8	29.5	29.2	29.2	-	19.2	19.8	19.9	20.0	-
Fabricated structural metal products	344	442.0	445.9	452.5	451.2	-	304.2	308.6	316.9	316.3	-
Fabricated structural metal	3441	80.8	81.5	81.5	81.2	-	56.9	57.6	58.1	57.9	-
Metal doors, sash, and trim	3442	86.8	87.7	90.1	90.2	-	63.7	64.7	66.9	67.3	-
Fabricated plate work (boiler shops)	3443	99.5	100.7	100.9	100.5	-	58.2	59.8	62.7	62.5	-
Sheet metal work	3444	113.3	114.0	114.3	114.2	-	83.6	84.3	84.5	84.2	-
Architectural metal work	3446	28.4	28.2	29.7	29.2	-	20.3	20.3	21.4	21.2	-

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Screw machine products, bolts, etc	345	95.6	96.9	98.5	95.8		72.9	74.0	75.4	73.0	
Screw machine products	3451	46.0	46.3	46.7	45.3		37.2	37.6	37.9	36.5	
Bolts, nuts, rivets, and washers	3452	49.6	50.6	51.8	50.5		35.7	36.4	37.5	36.5	
Metal forgings and stampings	346	247.3	249.4	248.7	241.5		198.3	199.5	199.5	192.5	
Iron and steel forgings	3462	35.1	34.6	32.2	31.1		27.0	26.4	24.7	23.6	
Automotive stampings	3465	97.9	97.0	102.3	100.0		83.8	82.5	87.9	85.5	
Metal stampings, nec	3469	103.9	107.1	103.6	100.2		79.7	82.6	79.2	76.0	
Metal services, nec	347	106.0	108.4	108.8	103.9		84.5	86.9	87.0	82.6	
Plating and polishing	3471	72.3	74.9	74.0	69.9		58.5	60.9	60.0	56.3	
Metal coating and allied services	3479	33.7	33.5	34.8	34.0		26.0	26.0	27.0	26.3	
Ordnance and accessories, nec	348	77.0	77.3	80.9	80.7		50.2	50.3	52.2	52.5	
Ammunition, except for small arms, nec	3483	41.2	41.6	44.8	44.8		26.8	27.1	28.8	29.2	
Misc. fabricated metal products	349	228.8	231.9	227.3	221.4		166.2	168.7	164.4	158.3	
Valves and pipe fittings	3494	88.1	88.2	87.7	86.2		59.5	59.5	59.2	57.8	
Misc. fabricated wire products	3496	52.3	52.5	51.5	49.7		39.9	39.9	39.0	37.2	
Machinery, except electrical	35	2,213.5	2,216.5	2,199.5	2,170.3	2,167.4	1,336.9	1,336.6	1,321.6	1,293.8	1,292.3
Engines and turbines	351	114.3	113.8	109.0	107.3	-	70.6	69.9	67.7	66.0	-
Turbines and turbine generator sets	3511	35.6	35.5	35.3	35.2		17.8	17.6	18.1	18.0	
Internal combustion engines, nec	3519	78.7	78.3	73.7	72.1		52.8	52.3	49.6	48.0	
Farm and garden machinery	352	108.6	106.7	108.3	100.4		72.1	70.1	73.7	66.4	
Farm machinery and equipment	3523	88.3	87.8	82.6	81.0		57.6	56.9	54.1	53.0	
Construction and related machinery	353	259.7	260.1	255.0	252.5		160.1	160.9	158.0	155.4	
Construction machinery	3531	93.0	92.2	87.6	87.1		56.9	56.5	53.7	53.4	
Mining machinery	3532	21.8	22.3	22.2	22.1		12.9	13.4	13.9	13.9	
Oil field machinery	3533	64.9	65.0	65.2	64.5		42.0	42.2	41.6	40.9	
Conveyors and conveying equipment	3535	29.4	29.4	29.3	29.2		15.8	15.8	15.9	15.5	
Industrial trucks and tractors	3537	27.2	27.2	25.3	24.9		18.4	18.5	16.8	16.3	
Metalworking machinery	354	305.3	306.9	313.7	308.8		215.8	217.6	223.1	219.0	
Machine tools, metal cutting types	3541	56.9	56.4	56.7	56.5		34.8	34.3	35.9	35.4	
Machine tools, metal forming types	3542	18.7	18.9	19.8	19.6		11.4	11.6	12.1	12.0	
Special dies, tools, jigs, and fixtures	3544	133.2	133.2	138.9	135.9		104.2	104.4	107.6	105.0	
Machine tool accessories	3545	54.8	55.3	57.3	56.2		38.1	38.7	40.1	39.3	
Power driven hand tools	3546	23.9	25.5	23.0	22.7		16.0	17.6	16.3	16.0	
Special industry machinery	355	167.7	168.5	168.4	165.4		100.2	100.3	100.6	98.1	
Food products machinery	3551	38.6	38.6	38.5	37.9		23.8	23.6	23.6	23.0	
Textile machinery	3552	19.8	19.6	18.3	17.9		13.5	13.4	12.3	11.9	
Printing trades machinery	3555	30.6	30.1	31.4	31.0		18.1	17.4	18.1	17.8	
General industrial machinery	356	276.0	277.0	276.4	273.6		174.9	176.1	177.4	174.3	
Pumps and pumping equipment	3561	53.1	53.4	52.8	52.5		30.6	31.2	31.2	30.7	
Ball and roller bearings	3562	48.5	48.4	48.6	47.9		36.2	36.0	36.7	36.1	
Air and gas compressors	3563	25.8	26.6	26.5	25.9		14.0	14.5	15.4	14.9	
Blowers and fans	3564	33.2	32.9	31.8	31.9		20.5	20.5	19.8	19.7	
Speed changers, drives, and gears	3566	21.2	21.1	21.3	20.9		14.4	14.3	14.9	14.5	
Power transmission equipment, nec	3568	17.4	17.8	17.8	18.0		11.8	12.2	12.3	12.4	
Office and computing machines	357	534.3	536.1	510.1	506.6		213.2	211.9	184.1	180.1	
Electronic computing equipment	3573	469.3	470.9	450.1	448.2		178.9	178.1	154.3	151.3	
Refrigeration and service machinery	358	173.4	174.0	176.7	175.5		122.0	122.1	123.5	121.9	
Refrigeration and heating equipment	3585	122.2	122.2	123.7	122.4		87.8	87.4	88.2	86.6	
Misc. machinery, except electrical	359	274.2	273.4	281.9	280.2		208.0	207.7	213.5	212.6	
Carburetors, pistons, rings, and valves	3592	35.6	35.1	34.5	34.2		28.9	28.6	27.9	27.7	
Machinery, except electrical, nec	3599	238.6	238.3	247.4	246.0		179.1	179.1	185.6	184.9	
Electrical and electronic equipment	36	2,220.5	2,239.7	2,216.1	2,191.9	2,198.3	1,354.4	1,368.8	1,309.3	1,284.1	1,287.4
Electric distributing equipment	361	115.8	118.6	115.1	114.2	-	83.4	86.2	82.1	81.4	-
Transformers	3612	53.4	55.0	54.3	53.4		38.5	40.0	38.8	37.9	
Switchgear and switchboard apparatus	3613	62.4	63.6	60.8	60.8		44.9	46.2	43.3	43.5	
Electrical industrial apparatus	362	206.5	204.9	198.6	196.6		146.4	144.7	139.3	137.6	
Motors and generators	3621	102.4	100.6	99.2	98.8		79.1	77.5	76.8	76.5	
Industrial controls	3622	65.7	65.8	62.8	61.5		40.6	40.6	37.5	36.5	
Household appliances	363	147.8	146.7	144.6	142.0		116.4	115.3	113.4	110.4	
Household refrigerators and freezers	3632	31.0	26.3	29.4	29.9		24.8	20.2	23.0	23.4	
Household laundry equipment	3633	21.8	22.0	21.9	21.8		16.8	17.1	17.0	16.9	
Electric housewares and fans	3634	37.9	40.4	37.1	36.1		29.1	31.5	28.6	27.2	

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Durable goods—Continued											
Electrical and electronic equipment—Continued											
Electric lighting and wiring equipment	364	199.9	203.1	196.9	192.2		145.7	148.2	142.5	137.3	
Electric lamps	3641	28.3	28.8	28.1	28.2		24.3	24.9	24.5	24.2	
Current-carrying wiring devices	3643	85.7	86.6	81.9	78.6		56.9	57.5	53.9	50.5	
Noncurrent-carrying wiring devices	3644	17.0	17.5	17.9	17.1		12.3	12.4	12.9	12.2	
Residential lighting fixtures	3645	26.0	26.8	24.6	24.9		19.7	20.4	18.1	18.3	
Radio and TV receiving equipment	365	91.7	92.4	84.8	84.4		63.8	64.3	57.5	57.7	
Radio and TV receiving sets	3651	72.8	73.2	67.9	67.3		49.9	50.1	45.5	45.5	
Communication equipment	366	621.5	625.2	662.7	664.3		283.3	284.0	296.2	295.2	
Telephone and telegraph apparatus	3661	145.6	146.5	144.2	141.3		94.3	94.2	92.6	90.6	
Radio and TV communication equipment	3662	475.9	478.7	518.5	523.0		189.0	189.8	203.6	204.6	
Electronic components and accessories	367	684.9	693.2	663.1	651.2		407.9	415.8	372.6	362.0	
Electronic tubes	3671-3	41.3	41.5	42.4	42.1		25.2	25.6	25.9	25.1	
Semiconductors and related devices	3674	279.7	282.4	280.5	277.3		119.5	123.1	108.4	105.8	
Electronic components, nec	3679	276.9	282.1	266.0	260.5		196.3	200.2	183.7	179.1	
Misc. electrical equipment and supplies	369	152.4	155.6	150.3	147.0		107.5	110.3	105.7	102.5	
Storage batteries	3691	26.4	28.2	26.5	26.2		20.2	21.8	20.6	20.3	
Engine electrical equipment	3694	64.4	64.5	64.4	63.5		49.9	50.1	49.2	48.2	
Transportation equipment	37	1,900.1	1,900.2	2,000.2	1,977.7	1,990.7	1,204.3	1,201.2	1,270.5	1,240.8	1,250.3
Motor vehicles and equipment	371	853.0	854.7	884.8	862.7	867.4	653.0	651.8	687.8	663.6	669.1
Motor vehicles and car bodies	3711	386.6	386.1	409.8	401.3	-	283.2	281.5	309.5	300.3	-
Truck and bus bodies	3713	36.7	37.2	37.9	37.2		29.1	29.3	29.4	28.7	
Motor vehicle parts and accessories	3714	382.7	384.6	391.7	382.6		303.2	303.9	313.5	302.9	
Truck trailers	3715	33.0	32.9	29.4	28.3		26.1	25.9	22.9	21.7	
Aircraft and parts	372	597.4	589.1	643.2	646.6		285.1	277.7	305.6	304.8	
Aircraft	3721	309.8	305.2	336.0	339.3		129.0	125.2	139.8	140.2	
Aircraft engines and engine parts	3724	140.5	137.3	147.4	147.3		72.5	70.0	74.2	73.4	
Aircraft equipment, nec	3728	147.1	146.6	159.8	160.0		83.6	82.5	91.6	91.2	
Ship and boat building and repairing	373	195.8	196.3	193.1	190.2		148.1	147.8	144.7	141.7	
Ship building and repairing	3731	148.3	149.6	144.9	142.9		108.9	109.6	105.6	103.4	
Boat building and repairing	3732	47.5	46.7	48.2	47.3		39.2	38.2	39.1	38.3	
Railroad equipment	374	36.4	37.2	34.8	34.1		25.1	26.0	24.1	23.6	
Guided missiles, space vehicles, and parts	376	152.6	158.9	175.7	176.2		48.7	53.8	61.4	61.1	
Guided missiles and space vehicles	3761	117.2	122.9	135.4	135.6		36.0	40.9	46.1	45.5	
Miscellaneous transportation equipment	379	50.9	50.4	53.9	53.5		34.2	34.0	36.4	35.9	
Travel trailers and campers	3792	21.3	20.5	22.1	21.5		16.7	16.1	17.4	17.0	
Instruments and related products	38	717.2	719.3	728.3	725.9	727.6	398.2	397.6	396.8	391.3	392.9
Engineering and scientific instruments	381	80.2	80.1	83.3	83.6	-	36.2	35.8	36.7	36.1	-
Measuring and controlling devices	382	251.6	252.8	258.8	258.5		144.2	144.1	144.1	142.7	
Environmental controls	3822	45.2	45.0	44.9	44.5		28.8	28.5	28.4	28.5	
Process control instruments	3823	56.5	56.9	57.8	57.6		27.6	27.9	29.7	29.2	
Instruments to measure electricity	3825	109.0	109.7	113.2	113.6		60.9	60.9	59.1	58.5	
Optical instruments and lenses	383	34.6	34.7	35.0	34.6		18.3	18.3	18.1	17.6	
Medical instruments and supplies	384	172.1	172.2	171.2	169.9		103.3	102.9	102.2	100.5	
Surgical and medical instruments	3841	84.4	83.9	83.7	84.1		47.8	47.3	46.2	46.1	
Surgical appliances and supplies	3842	73.3	74.0	72.8	71.2		47.2	47.5	47.5	46.0	
Ophthalmic goods	385	39.7	39.8	40.4	40.0		26.0	26.1	27.1	26.6	
Photographic equipment and supplies	386	125.0	125.1	125.7	126.6		60.3	60.1	58.5	58.7	
Watches, clocks, and watchcases	387	14.0	14.6	13.9	12.7		9.9	10.3	10.1	9.1	
Miscellaneous manufacturing	39	376.4	390.1	377.8	365.7	381.3	273.2	285.1	272.1	261.3	277.1
Jewelry, silverware, and plated ware	391	51.7	54.4	54.6	52.3	-	35.1	37.5	36.9	34.5	-
Jewelry, precious metal	3911	33.6	35.8	36.0	34.3		22.6	24.5	24.1	22.4	
Musical instruments	393	16.9	17.0	15.4	14.9		13.3	13.3	11.8	11.5	
Toys and sporting goods	394	110.6	115.0	109.9	105.9		82.8	86.5	81.3	77.5	
Dolls, games, toys, and children's vehicles	3942,4	55.5	60.3	54.8	52.5		40.6	44.7	39.2	37.1	
Sporting and athletic goods, nec	3949	55.1	54.7	55.1	53.4		42.2	41.8	42.1	40.4	
Pens, pencils, office, and art supplies	395	32.4	32.4	32.1	31.5		22.1	22.2	21.8	21.0	
Costume jewelry and notions	396	37.4	41.4	39.1	34.5		28.2	31.6	29.8	26.4	
Costume jewelry	3961	20.5	23.4	21.4	18.3		15.5	17.8	16.3	14.2	
Miscellaneous manufactures	399	127.4	129.9	126.7	126.6		91.7	94.0	90.5	90.4	
Signs and advertising displays	3993	51.4	52.5	52.3	52.1		36.6	37.4	36.7	36.5	

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Nondurable goods		7,895	8,023	7,886	7,819	7,954	5,552	5,670	5,537	5,472	5,612
Food and kindred products	20	1,662.0	1,707.1	1,639.4	1,669.3	1,724.0	1,163.1	1,207.7	1,145.1	1,174.0	1,227.1
Meat products	201	360.0	361.3	369.7	371.6	-	303.2	304.1	311.2	312.9	-
Meat packing plants	2011	146.9	145.8	148.2	148.1	-	121.9	120.8	122.7	122.8	-
Sausages and other prepared meats	2013	73.6	73.7	74.0	74.9	-	54.7	54.5	54.3	54.9	-
Poultry dressing plants	2016	120.6	122.7	128.1	129.5	-	109.9	111.8	116.9	118.3	-
Dairy products	202	168.4	167.3	167.6	168.4	-	99.5	98.1	100.2	100.8	-
Cheese, natural and processed	2022	39.9	39.0	39.7	40.0	-	30.5	29.6	30.9	31.3	-
Fluid milk	2026	88.8	88.8	89.1	89.6	-	42.9	42.9	43.1	43.3	-
Preserved fruits and vegetables	203	266.6	306.8	240.5	263.8	-	223.7	264.0	198.5	221.3	-
Canned specialties	2032	25.2	27.1	24.7	24.2	-	18.7	20.4	17.4	16.7	-
Canned fruits and vegetables	2033	111.5	144.9	78.8	100.3	-	94.5	128.3	63.7	84.7	-
Frozen fruits and vegetables	2037	52.0	53.7	56.0	59.0	-	46.1	47.6	49.7	53.0	-
Grain mill products	204	129.6	130.6	127.2	126.2	-	87.3	88.0	86.5	85.9	-
Flour and other grain mill products	2041	24.4	24.5	23.8	23.8	-	14.6	14.6	15.0	15.2	-
Prepared feeds, nec	2048	47.9	47.7	46.0	45.7	-	30.4	30.3	29.4	29.2	-
Bakery products	205	213.6	211.3	208.0	209.1	-	128.2	126.2	124.8	125.7	-
Bread, cake, and related products	2051	166.9	165.6	164.1	164.3	-	90.9	89.9	89.7	89.4	-
Cookies and crackers	2052	46.7	45.7	43.9	44.8	-	37.3	36.3	35.1	36.3	-
Sugar and confectionery products	206	94.1	98.5	93.9	94.4	-	71.6	75.6	71.4	71.9	-
Cane and beet sugar	2061-3	21.4	22.6	21.5	21.8	-	16.4	17.5	16.2	16.7	-
Confectionery products	2065	52.2	54.9	52.0	52.1	-	41.5	43.9	41.6	41.5	-
Fats and oils	207	35.2	35.1	35.7	35.6	-	25.6	25.6	25.9	25.9	-
Beverages	208	219.0	219.8	220.9	221.6	-	93.3	93.9	94.9	95.2	-
Malt beverages	2082	42.5	42.2	41.9	42.2	-	26.6	26.3	27.3	27.4	-
Bottled and canned soft drinks	2086	133.6	132.5	135.1	135.7	-	44.2	43.5	44.8	45.0	-
Misc. food and kindred products	209	175.5	176.4	175.9	178.6	-	130.7	132.2	131.7	134.4	-
Tobacco manufactures	21	60.8	66.0	61.8	60.7	65.5	44.8	50.2	45.5	44.6	49.2
Cigarettes	211	45.2	45.2	46.0	46.0	-	33.3	33.5	33.8	34.1	-
Textile mill products	22	735.5	747.6	703.2	684.4	698.3	635.3	646.2	607.0	589.8	604.1
Weaving mills, cotton	221	117.9	118.8	106.8	104.8	-	105.3	106.2	95.9	94.0	-
Weaving mills, synthetics	222	97.9	99.7	90.9	88.8	-	86.8	88.8	80.6	78.6	-
Weaving and finishing mills, wool	223	17.2	17.8	16.8	15.9	-	14.4	14.9	14.2	13.3	-
Narrow fabric mills	224	21.8	23.5	22.2	20.1	-	18.6	20.1	18.8	16.7	-
Knitting mills	225	205.8	205.8	197.7	195.0	-	179.4	179.1	172.5	170.0	-
Women's hosiery, except socks	2251	33.1	33.3	32.9	32.4	-	29.8	29.8	29.5	29.1	-
Hosiery, nec	2252	35.1	35.0	33.5	33.1	-	31.6	31.4	29.9	29.5	-
Knit outerwear mills	2253	67.0	67.1	62.9	61.9	-	57.7	57.8	55.5	54.3	-
Knit underwear mills	2254	27.2	27.4	26.2	26.0	-	23.4	23.5	22.0	21.8	-
Circular knit fabric mills	2257	25.2	24.9	24.6	24.4	-	21.6	21.3	21.0	20.9	-
Textile finishing, except wool	226	67.3	67.7	63.0	60.8	-	56.5	56.7	52.6	50.8	-
Finishing plants, cotton	2261	25.7	26.0	23.4	23.0	-	21.5	21.8	19.6	19.3	-
Finishing plants, synthetics	2262	23.2	23.4	22.6	21.9	-	19.4	19.4	18.5	17.9	-
Floor covering mills	227	53.1	54.3	53.9	53.8	-	42.6	43.8	43.4	43.5	-
Yarn and thread mills	228	101.6	105.5	99.8	95.2	-	90.0	93.6	88.3	84.0	-
Yarn mills, except wool	2281	70.5	72.4	68.7	65.5	-	63.1	65.0	61.8	58.8	-
Throwing and winding mills	2282	16.2	16.9	15.7	15.2	-	14.5	15.1	13.9	13.4	-
Miscellaneous textile goods	229	52.9	54.5	52.1	50.0	-	41.7	43.0	40.7	38.9	-
Apparel and other textile products	23	1,161.4	1,202.7	1,162.4	1,120.9	1,146.5	978.2	1,015.7	979.9	941.9	966.6
Men's and boys' suits and coats	231	70.3	71.8	68.4	67.4	-	61.7	63.0	59.7	58.9	-
Men's and boys' furnishings	232	328.1	343.7	334.2	323.0	-	280.8	295.9	289.2	279.1	-
Men's and boys' shirts and nightwear	2321	96.1	99.1	93.2	91.7	-	83.5	85.9	80.6	79.6	-
Men's and boys' separate trousers	2327	65.7	66.8	64.5	62.3	-	57.2	58.4	56.7	54.7	-
Men's and boys' work clothing	2328	92.2	100.7	102.8	97.8	-	76.8	85.5	89.4	84.4	-
Women's and misses' outerwear	233	371.2	385.6	372.1	354.5	-	310.8	323.7	309.2	292.6	-
Women's and misses' blouses and waists	2331	59.3	60.0	58.8	58.1	-	50.4	50.9	49.2	48.6	-
Women's and misses' dresses	2335	109.8	116.3	109.7	101.5	-	92.4	98.5	92.1	84.7	-
Women's and misses' suits and coats	2337	55.6	57.3	53.5	51.5	-	45.9	47.5	43.9	42.0	-
Women's and misses' outerwear, nec	2339	146.5	152.0	150.1	143.4	-	122.1	126.8	124.0	117.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	82.7	86.1	81.9	78.5		69.1	71.9	68.8	65.5	
Women's and children's underwear	2341	66.6	69.8	66.7	64.3		57.3	59.8	57.3	55.0	
Brassieres and allied garments	2342	16.1	16.3	15.2	14.2		11.8	12.1	11.5	10.5	
Children's outerwear	236	64.7	63.9	63.2	62.4		55.1	53.9	53.4	52.8	
Children's dresses and blouses	2361	27.4	27.1	26.5	25.7		24.3	23.9	23.3	22.7	
Misc. apparel and accessories	238	44.8	47.0	43.8	41.7		36.6	38.9	36.2	34.6	
Misc. fabricated textile products	239	179.2	184.0	178.3	173.5		147.1	151.3	146.5	142.3	
Curtains and draperies	2391	25.6	26.2	25.2	23.6		20.7	21.5	20.4	18.7	
House furnishings, nec	2392	50.5	52.9	48.6	47.7		42.8	45.1	41.3	40.7	
Automotive and apparel trimmings	2396	36.6	35.7	36.0	34.7		30.1	29.1	29.7	28.7	
Paper and allied products	26	686.2	689.3	689.7	685.1	687.6	515.7	517.6	522.1	517.4	521.4
Paper and pulp mills	261,2,6	204.1	203.3	202.7	201.2	-	154.1	153.4	154.3	153.2	-
Paper mills, except building paper	262	178.8	178.2	177.8	176.2		133.4	132.8	134.1	132.8	
Paperboard mills	263	58.0	58.0	56.8	56.2		44.4	44.5	43.5	43.0	
Misc. converted paper products	264	227.8	230.7	233.0	232.8		166.3	167.7	171.3	170.5	
Paper coating and glazing	2641	58.7	59.2	59.9	59.8		38.1	38.4	38.1	37.5	
Envelopes	2642	25.2	25.7	26.8	26.2		19.4	19.9	20.3	19.8	
Bags, except textile bags	2643	50.1	50.6	50.1	49.6		39.1	39.4	39.2	38.9	
Paperboard containers and boxes	265	196.3	197.3	197.2	194.9		150.9	152.0	153.0	150.7	
Folding paperboard boxes	2651	41.7	41.9	41.5	41.0		32.5	32.9	32.8	32.2	
Corrugated and solid fiber boxes	2653	101.7	101.7	101.5	100.6		76.3	76.2	76.8	76.0	
Sanitary food containers	2654	25.0	24.8	25.3	25.3		20.8	20.6	21.2	21.1	
Printing and publishing	27	1,373.6	1,378.4	1,420.3	1,418.7	1,424.3	754.6	758.2	782.3	779.3	784.8
Newspapers	271	441.0	441.6	454.0	453.7	-	165.3	165.8	171.0	169.6	-
Periodicals	272	107.2	108.0	108.6	109.5		24.1	24.9	26.4	26.9	
Books	273	102.0	101.6	105.7	105.0		49.1	48.7	52.9	52.7	
Book publishing	2731	75.9	76.0	79.9	79.1		27.9	27.9	32.3	32.0	
Book printing	2732	26.1	25.6	25.8	25.9		21.2	20.8	20.6	20.7	
Miscellaneous publishing	274	65.7	66.0	71.8	71.9		35.7	35.7	38.7	39.0	
Commercial printing	275	466.3	469.9	486.6	485.0		341.2	343.8	353.5	352.0	
Commercial printing, letterpress	2751	157.3	158.4	160.7	160.0		117.2	117.7	117.5	117.1	
Commercial printing, lithographic	2752	284.3	286.5	300.1	299.4		204.1	206.1	215.7	214.6	
Manifold business forms	276	47.5	47.3	48.0	47.5		32.8	32.7	33.2	33.1	
Blankbooks and bookbinding	278	71.0	70.9	70.2	70.3		57.7	57.5	56.7	56.7	
Printing trade services	279	47.8	47.8	50.7	50.8		34.9	34.9	37.7	37.5	
Chemicals and allied products	28	1,056.9	1,058.0	1,051.1	1,048.1	1,047.0	585.6	585.6	581.2	575.8	583.2
Industrial inorganic chemicals	281	143.5	143.3	143.8	143.6	-	72.8	72.5	72.5	72.0	-
Industrial inorganic chemicals, nec	2819	93.9	94.0	93.9	93.8		49.0	49.0	49.2	48.9	
Plastics materials and synthetics	282	179.2	179.0	168.7	168.1		118.5	118.5	112.2	111.9	
Plastics materials and resins	2821	76.7	76.9	74.8	74.5		45.4	45.6	44.9	44.8	
Organic fibers, noncellulosic	2824	69.8	69.5	63.7	63.3		49.1	48.9	45.1	44.7	
Drugs	283	207.9	206.6	206.3	206.5		96.4	94.0	95.1	93.8	
Pharmaceutical preparations	2834	167.8	167.2	167.0	167.3		78.5	77.1	76.2	75.4	
Soap, cleaners, and toilet goods	284	146.5	148.7	149.2	149.1		93.7	95.8	95.0	94.5	
Soap and other detergents	2841	40.9	41.5	41.9	41.5		26.9	27.2	26.7	26.2	
Toilet preparations	2844	67.8	69.8	69.0	69.0		45.9	48.0	47.1	47.1	
Polishing, sanitation, and finishing preparations	2842,3	37.8	37.4	38.3	38.6		20.9	20.6	21.2	21.2	
Paints and allied products	285	63.0	63.1	64.2	64.4		31.1	31.3	31.4	31.2	
Industrial organic chemicals	286	164.6	165.0	165.3	164.3		82.7	83.4	83.3	83.0	
Cyclic crudes and intermediates	2865	31.3	31.7	31.3	30.8		18.8	19.1	20.0	19.9	
Gum, wood, and industrial organic chemicals, nec	2861,9	133.3	133.3	134.0	133.5		63.9	64.3	63.3	63.1	
Agricultural chemicals	287	60.2	59.8	60.6	59.5		37.0	36.5	37.9	36.3	
Miscellaneous chemical products	289	92.0	92.5	93.0	92.6		53.4	53.6	53.8	53.1	
Petroleum and coal products	29	192.3	191.8	182.5	182.2	182.1	113.4	113.5	109.9	110.5	110.3
Petroleum refining	291	152.1	151.7	142.8	142.2	-	84.1	84.3	81.3	81.9	-
Paving and roofing materials	295	29.1	29.0	28.8	29.1		22.3	22.2	22.1	22.2	

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^o	Aug. 1985 ^o	July 1984	Aug. 1984	June 1985	July 1985 ^o	Aug. 1985 ^o
Nondurable goods—Continued											
Rubber and misc. plastics products	30	781.4	790.0	798.3	781.8	799.2	607.0	614.6	616.6	599.4	615.1
Tires and inner tubes	301	95.7	94.5	92.5	87.2	-	67.6	66.5	63.9	58.4	-
Rubber and plastics footwear	302	17.1	16.7	14.1	13.8	-	14.8	14.3	11.9	11.1	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	21.3	21.0	20.8	20.4	-	14.1	13.6	13.8	13.5	-
Fabricated rubber products, nec	306	108.6	109.7	109.7	107.4	-	83.1	84.4	83.7	81.8	-
Miscellaneous plastics products	307	538.7	548.1	561.2	553.0	-	427.4	435.8	443.3	434.6	-
Leather and leather products	31	185.1	192.4	177.4	168.0	179.5	154.2	160.9	147.5	139.2	150.2
Leather tanning and finishing	311	16.1	16.4	16.0	15.0	-	13.4	13.6	13.3	12.1	-
Footwear, except rubber	314	111.6	115.8	106.8	100.3	-	94.9	98.7	91.1	85.5	-
Men's footwear, except athletic	3143	45.9	48.2	42.9	39.4	-	37.3	39.4	35.0	32.0	-
Women's footwear, except athletic	3144	41.7	42.9	40.9	38.8	-	36.4	37.6	36.1	34.3	-
Luggage	316	13.3	14.2	12.6	12.7	-	9.7	10.6	9.3	9.4	-
Handbags and personal leather goods	317	24.3	25.5	22.5	21.7	-	19.9	21.0	18.0	17.6	-
Transportation and public utilities		5,192	5,216	5,342	5,323	5,311	4,288	4,313	4,426	4,406	4,398
Transportation		2,929	2,956	3,086	3,063	3,048					
Railroad transportation	40	376.4	376.0	355.0	354.0	-					
Class I railroads ²	4011	349.5	348.9	330.5	329.5	-					
Local and interurban passenger transit	41	225.1	225.7	277.1	228.3	-	205.6	206.3	256.4	208.7	-
Local and suburban transportation	411	85.5	84.7	91.2	90.4	-	77.7	77.6	83.7	82.8	-
Taxicabs	412	38.2	38.5	38.5	37.9	-	-	-	-	-	-
Intercity highway transportation	413	38.5	38.3	37.9	37.0	-	35.7	35.4	34.8	33.9	-
School buses	415	43.0	44.2	86.7	41.3	-	-	-	-	-	-
Trucking and warehousing	42	1,338.0	1,353.7	1,389.3	1,398.5	-	1,167.9	1,182.3	1,208.0	1,217.7	-
Trucking and trucking terminals	421,3	1,248.0	1,260.9	1,293.5	1,302.5	-	1,093.0	1,104.5	1,128.2	1,137.2	-
Public warehousing	422	90.0	92.8	95.8	96.0	-	74.9	77.8	79.8	80.5	-
Water transportation	44	205.4	212.9	223.6	228.9	-					
Local water transportation	445	29.8	30.3	30.4	30.7	-					
Water transportation services	446	111.0	117.7	124.3	128.1	-					
Transportation by air	45	503.6	505.8	532.9	544.3	-					
Air transportation	451,2	444.1	446.0	470.8	481.7	-					
Air transportation services	458	59.5	59.8	62.1	62.6	-					
Pipe lines, except natural gas	46	19.6	19.3	19.3	19.5	-	13.9	13.7	13.8	14.0	-
Transportation services	47	260.4	262.5	289.1	289.1	-					
Freight forwarding	471	59.1	60.3	68.2	69.1	-					
Communication and public utilities		2,263	2,260	2,256	2,260	2,263	-	-	-	-	-
Communication	48	1,347.7	1,346.6	1,332.6	1,329.4	-	1,024.4	1,024.2	1,015.1	1,012.0	-
Telephone communication	481	955.8	952.7	923.1	918.3	-	714.6	712.2	688.3	683.5	-
Radio and television broadcasting	483	233.3	233.2	237.7	237.2	-	187.7	187.9	193.4	193.1	-
Radio broadcasting	4832	112.1	111.5	112.7	112.7	-	-	-	-	-	-
Television broadcasting	4833	121.2	121.7	125.0	124.5	-	-	-	-	-	-
Electric, gas, and sanitary services	49	915.3	913.4	923.8	930.6	-	731.8	729.5	738.5	744.7	-
Electric services	491	449.5	449.3	455.2	458.3	-	351.6	351.8	355.1	358.8	-
Gas production and distribution	492	176.6	176.0	175.0	175.4	-	140.5	139.3	138.0	138.1	-
Combination utility services	493	202.5	201.6	202.4	204.2	-	164.5	163.4	166.8	168.0	-
Sanitary services	495	60.9	60.5	64.7	66.0	-	53.9	53.4	56.7	57.8	-
Wholesale trade		5,583	5,596	5,800	5,804	5,827	4,501	4,510	4,685	4,688	4,712
Durable goods	50	3,299	3,309	3,434	3,439	3,455	2,646	2,654	2,754	2,758	
Motor vehicles and automotive equipment	501	428.6	428.7	436.2	436.2	-	344.4	344.9	352.9	353.0	
Automobiles and other motor vehicles	5012	106.1	106.2	110.4	110.7	-	-	-	-	-	
Automotive parts and supplies	5013	289.3	289.2	292.8	292.5	-	-	-	-	-	

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Wholesale trade—Continued											
Durable goods—Continued											
Furniture and home furnishings	502	121.8	124.4	129.7	129.3		101.6	104.4	109.2	107.9	
Furniture	5021	50.9	52.3	55.7	55.6		-	-	-	-	
Home furnishings	5023	70.9	72.1	74.0	73.7		-	-	-	-	
Lumber and construction materials	503	206.1	204.6	213.9	215.3		171.5	170.3	178.1	179.8	
Lumber, plywood, and millwork	5031	93.5	93.5	96.7	97.3		-	-	-	-	
Construction materials, nec	5039	112.6	111.1	117.2	118.0		-	-	-	-	
Sporting goods, toys, and hobby goods	504	74.5	73.4	76.0	76.4		62.3	61.3	64.0	64.4	
Metals and minerals, except petroleum	505	138.5	139.1	142.7	142.0		111.6	112.1	114.8	114.4	
Electrical goods	506	478.4	480.4	498.8	497.8		379.8	380.5	390.8	389.0	
Electrical apparatus and equipment	5063	263.9	265.6	277.6	277.5		-	-	-	-	
Electrical appliances, TV and radios	5064	66.4	66.6	68.0	67.0		-	-	-	-	
Electronic parts and equipment	5065	148.1	148.2	153.2	153.3		-	-	-	-	
Hardware, plumbing, and heating equipment	507	252.3	253.4	262.2	263.6		205.0	205.4	211.7	212.5	
Hardware	5072	85.4	85.2	88.1	89.0		-	-	-	-	
Plumbing and hydronic heating supplies	5074	102.5	103.7	106.7	106.7		-	-	-	-	
Machinery, equipment, and supplies	508	1,407.8	1,413.3	1,480.7	1,486.0		1,111.2	1,115.4	1,173.5	1,179.8	
Commercial machines and equipment	5081	491.1	494.2	521.4	525.8		-	-	-	-	
Construction and mining machinery	5082	77.2	78.0	83.2	84.0		-	-	-	-	
Farm machinery and equipment	5083	137.6	136.9	138.2	137.5		-	-	-	-	
Industrial machinery and equipment	5084	310.7	310.5	328.6	328.3		-	-	-	-	
Industrial supplies	5085	130.7	131.8	137.7	137.5		-	-	-	-	
Professional equipment and supplies	5086	159.9	161.3	166.0	167.2		-	-	-	-	
Miscellaneous durable goods	509	190.5	192.0	193.8	192.6		158.7	159.7	159.1	157.5	
Scrap and waste materials	5093	93.1	93.7	94.7	93.8		-	-	-	-	
Nondurable goods	51	2,284	2,287	2,366	2,365	2,372	1,855	1,856	1,931	1,930	
Paper and paper products	511	176.7	177.1	184.2	185.4	-	143.6	144.3	150.0	150.6	
Drugs, proprietaries, and sundries	512	157.9	157.1	160.3	161.8		131.0	129.7	133.3	134.8	
Apparel, piece goods, and notions	513	182.8	185.8	186.0	185.2		135.1	137.6	140.4	140.2	
Groceries and related products	514	717.2	715.8	752.9	750.8		618.2	614.9	647.8	644.8	
Groceries, general line	5141	226.5	227.6	238.3	240.3		-	-	-	-	
Meats and meat products	5147	65.3	65.0	66.7	66.8		-	-	-	-	
Fresh fruits and vegetables	5148	94.4	85.5	96.0	89.5		-	-	-	-	
Chemicals and allied products	516	131.3	132.0	133.9	132.4		91.4	91.9	96.1	94.9	
Petroleum and petroleum products	517	207.1	206.5	210.8	210.8		154.3	154.0	158.4	159.5	
Petroleum bulk stations and terminals	5171	87.5	87.5	88.3	88.5		-	-	-	-	
Petroleum products, nec	5172	119.6	119.0	122.5	122.3		-	-	-	-	
Beer, wine, and distilled beverages	518	157.2	155.8	161.0	162.8		131.8	130.3	133.9	135.9	
Beer and ale	5181	98.9	98.1	100.8	101.9		-	-	-	-	
Wines and distilled beverages	5182	58.3	57.7	60.2	60.9		-	-	-	-	
Miscellaneous nondurable goods	519	416.8	416.8	432.2	433.5		338.0	338.7	351.2	353.1	
Farm supplies	5191	156.5	153.8	160.8	163.4		-	-	-	-	
Retail trade		16,710	16,781	17,547	17,569	17,634	14,966	15,025	15,677	15,675	15,729
Building materials and garden supplies											
Lumber and other building materials	521	357.0	355.2	362.7	364.9		305.7	304.3	310.3	312.5	
Hardware stores	525	157.9	156.7	163.6	162.8		134.1	132.9	138.3	137.5	
General merchandise stores											
Department stores	531	1,883.2	1,885.5	1,943.2	1,952.4	-	1,776.9	1,776.3	1,844.0	1,849.7	
Variety stores	533	212.9	214.3	218.0	216.9		193.7	195.1	198.1	196.4	
Misc. general merchandise stores	539	135.2	139.2	140.6	140.8		117.3	120.9	121.8	121.9	
Food stores											
Grocery stores	541	2,318.9	2,327.0	2,484.5	2,498.5	-	2,166.1	2,170.9	2,312.3	2,325.8	
Meat markets and freezer provisioners	542	57.4	57.4	62.9	63.6		-	-	-	-	
Dairy products stores	545	39.8	38.3	37.8	37.0		-	-	-	-	
Retail bakeries	546	152.0	151.0	164.5	162.0		137.6	136.5	148.0	145.1	
Automotive dealers and service stations											
New and used car dealers	551,2	853.3	858.5	899.0	902.2	-	706.4	711.1	744.0	747.6	
Auto and home supply stores	553	302.7	302.1	304.5	304.6		253.7	253.8	247.3	247.4	
Gasoline service stations	554	584.0	589.7	617.6	619.6		506.3	513.3	540.4	541.9	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Retail trade—Continued											
Apparel and accessory stores	56	991.1	996.0	1,019.5	1,011.0		834.0	838.9	862.3	853.0	
Men's and boys' clothing and furnishings	561	113.5	109.2	109.2	107.6		94.7	90.6	91.4	90.0	
Women's ready-to-wear stores	562	364.2	367.5	378.4	381.4		308.2	311.3	323.0	324.7	
Family clothing stores	565	199.3	197.8	203.1	198.7		173.4	172.2	176.1	171.9	
Shoe stores	566	201.3	207.0	204.5	200.7		163.9	169.2	166.1	163.0	
Furniture and home furnishings stores	57	670.2	676.1	725.4	726.4		559.6	563.5	608.2	610.3	
Furniture and home furnishings stores	571	390.1	391.1	412.5	410.9		325.9	326.0	344.1	343.5	
Furniture stores	5712	248.5	249.7	262.2	261.3		-	-	-	-	
Household appliance stores	572	83.3	84.2	85.7	85.8		71.0	70.6	73.3	73.4	
Radio, television, and music stores	573	196.8	200.8	227.2	229.7		162.7	166.9	190.8	193.4	
Radio and television stores	5732	136.0	138.5	159.2	160.6		-	-	-	-	
Music stores	5733	60.8	62.3	68.0	69.1		-	-	-	-	
Eating and drinking places	58	5,601.7	5,635.2	5,880.0	5,893.9	5,920.1	5,137.3	5,167.4	5,353.9	5,353.9	
Miscellaneous retail	59	2,055.0	2,066.0	2,178.2	2,174.3		1,766.8	1,777.0	1,867.8	1,858.4	
Drug stores and proprietary stores	591	525.3	528.9	561.4	560.4		461.6	464.2	492.2	489.2	
Liquor stores	592	129.0	126.0	126.0	126.5		-	-	-	-	
Miscellaneous shopping goods stores	594	658.0	664.6	705.4	705.0		562.3	568.6	598.3	595.0	
Sporting goods and bicycle shops	5941	107.9	112.8	116.4	117.7		-	-	-	-	
Book stores	5942	58.6	59.3	64.8	64.9		-	-	-	-	
Stationery stores	5943	68.0	68.6	75.8	75.9		-	-	-	-	
Jewelry stores	5944	138.7	138.7	145.3	143.6		-	-	-	-	
Gift, novelty, and souvenir shops	5947	128.0	126.3	126.6	128.4		-	-	-	-	
Sewing, needlework, and piece goods	5949	63.3	63.9	76.2	73.5		-	-	-	-	
Nonstore retailers	596	245.4	249.5	252.4	254.4		221.9	225.6	228.0	229.4	
Mail order houses	5961	117.9	121.4	120.1	119.9		-	-	-	-	
Merchandising machine operators	5962	79.1	80.2	82.4	81.0		-	-	-	-	
Fuel and ice dealers	598	100.8	100.9	105.7	105.7		83.5	83.7	87.8	87.5	
Retail stores, nec	599	324.1	323.4	350.4	345.2		268.2	267.7	290.6	285.3	
Finance, insurance, and real estate²		5,771	5,777	5,968	6,017	6,045	4,309	4,311	4,438	4,478	4,494
Finance		2,882	2,886	2,986	3,012	3,029					
Banking	60	1,692.7	1,694.7	1,723.9	1,736.1		1,260.6	1,259.7	1,268.2	1,276.9	
Commercial and stock savings banks	602	1,534.1	1,536.2	1,564.8	1,574.9		1,135.2	1,135.2	1,144.5	1,152.1	
State banks, Federal Reserve	6022	335.3	335.2	339.4	341.4		-	-	-	-	
State banks, not Federal Reserve	6023,4	380.7	381.7	390.8	392.5		-	-	-	-	
Mutual savings banks	603	77.8	77.5	78.8	80.1		-	-	-	-	
Credit agencies other than banks	61	704.2	707.8	756.1	763.3		536.5	540.3	575.4	581.5	
Savings and loan associations	612	328.7	329.9	347.2	350.1		253.1	254.4	266.2	268.4	
Federal savings and loan associations	6122	188.2	188.5	198.2	199.6		-	-	-	-	
State associations, insured	6123	131.9	132.7	140.0	141.4		-	-	-	-	
Personal credit institutions	614	204.4	205.5	217.2	218.8		157.3	158.5	168.9	170.4	
Business credit institutions	615	43.0	43.8	49.6	50.5		-	-	-	-	
Mortgage bankers and brokers	616	104.2	104.6	117.9	119.9		-	-	-	-	
Security, commodity brokers, and services	62	344.0	342.4	355.1	361.5						
Security brokers and dealers	621	277.1	275.8	285.3	291.3						
Holding and other investment offices	67	141.3	141.4	150.5	151.4						
Insurance		1,764	1,764	1,819	1,827	1,832					
Insurance carriers	63	1,238.9	1,237.1	1,265.6	1,270.0		840.6	839.4	867.1	870.8	
Life insurance	631	533.5	531.3	540.9	542.9		323.0	322.6	335.0	337.0	
Medical service and health insurance	632	154.0	154.4	166.8	167.9		123.9	123.8	135.3	136.7	
Fire, marine, and casualty insurance	633	469.5	469.7	475.2	476.0		328.3	328.3	332.8	332.8	
Title insurance	636	47.8	47.5	47.3	47.8		-	-	-	-	
Insurance agents, brokers, and service	64	525.0	526.5	553.5	557.1						

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Finance, insurance, and real estate—Continued											
Real estate, and combined real estate, insurance, etc		1,125	1,127	1,163	1,178	1,184					
Real estate	65	1,110.2	1,111.4	1,147.9	1,162.5						
Real estate operators and lessors	651	514.7	517.0	519.7	525.5						
Real estate agents and managers	653	429.5	429.3	455.7	464.2						
Subdividers and developers	655	140.5	139.9	147.1	146.9						
Combined real estate, insurance, etc	66	15.1	15.1	15.5	15.5						
Services		20,946	20,978	22,031	22,112	22,196	18,555	18,573	19,471	19,524	19,600
Hotels and other lodging places	70	1,380.2	1,403.7	1,427.0	1,489.7						
Hotels, motels, and tourist courts	701	1,296.0	1,314.2	1,376.2	1,410.9		1,176.5	1,192.2	1,242.9	1,276.0	
Personal services	72	1,003.6	1,003.4	1,111.8	1,107.0						
Laundry, cleaning, and garment services	721	367.3	364.5	384.4	384.5		327.9	325.2	343.8	343.4	
Photographic studios, portrait	722	48.4	51.0	51.2	50.6						
Beauty shops	723	326.4	326.5	351.5	350.8		296.3	296.4	316.9	316.1	
Funeral service and crematories	726	73.1	72.8	76.2	76.6						
Business services	73	4,127.7	4,197.0	4,454.8	4,476.9	4,532.0	3,607.8	3,669.7	3,890.7	3,907.4	
Advertising	731	184.2	183.5	194.6	194.1		140.0	139.1	146.5	145.8	
Advertising agencies	7311	137.4	136.7	145.6	145.2						
Credit reporting and collection	732	80.5	80.7	88.7	90.2						
Mailing, reproduction, and stenographic	733	163.0	164.6	175.2	178.9						
Services to buildings	734	613.8	619.4	666.4	662.3		560.4	565.6	609.0	604.6	
Personnel supply services	736	849.2	873.8	925.3	922.9						
Employment agencies	7361	161.6	166.0	188.0	191.5						
Temporary help supply services	7362	649.7	669.8	698.6	693.9						
Computer and data processing services	737	478.0	481.3	543.3	552.1		401.8	403.5	453.1	459.4	
Computer programming and software	7372	164.5	166.0	190.7	194.7						
Data processing services	7374	234.2	235.4	263.9	268.3						
Miscellaneous business services	739	1,750.7	1,785.4	1,853.3	1,868.2						
Research development laboratories, nec	7391	195.4	197.6	207.3	210.1						
Management and public relations	7392	464.4	472.4	512.4	515.7						
Detective and protective services	7393	402.4	411.9	421.8	425.9						
Equipment rental and leasing	7394	160.1	162.3	166.1	165.6						
Photofinishing laboratories	7395	79.2	80.3	80.8	81.2						
Auto repair, services, and garages	75	692.8	699.1	732.2	738.3		584.2	589.6	616.1	623.9	
Automotive rentals, without drivers	751	142.5	141.5	143.5	146.2						
Automotive repair shops	753	431.0	438.8	456.6	460.7		358.1	365.4	380.5	384.2	
Miscellaneous repair services	76	317.6	320.3	335.4	336.9		266.6	268.6	281.7	282.3	
Electrical repair shops	762	98.6	98.8	98.2	98.5						
Motion pictures	78	234.0	232.7	219.8	227.6		202.8	200.8	188.2	195.1	
Motion picture production and services	781	98.5	100.2	93.0	96.9		82.0	83.1	75.5	79.0	
Motion picture theaters	783	123.9	121.0	114.9	119.1						
Amusement and recreation services	79	915.5	913.3	958.4	986.0		834.8	831.4	855.6	882.8	
Health services	80	6,143.5	6,092.0	6,273.9	6,288.9	6,313.3	5,505.2	5,453.6	5,602.1	5,612.1	
Offices of physicians	801	916.3	919.2	966.0	972.9		769.8	770.5	803.5	806.6	
Offices of dentists	802	425.7	428.6	443.3	442.7		376.5	379.5	392.5	391.4	
Nursing and personal care facilities	805	1,158.4	1,140.3	1,207.7	1,211.7		1,049.5	1,032.8	1,091.4	1,095.8	
Skilled nursing care facilities	8051	746.0	737.9	777.4	780.0						
Nursing and personal care, nec	8059	412.4	402.4	430.3	431.7						
Hospitals	806	3,006.0	2,963.1	2,970.0	2,971.4		2,747.0	2,705.7	2,711.6	2,713.0	
General medical and surgical hospitals	8062	2,827.4	2,785.2	2,786.8	2,787.4						
Psychiatric hospitals	8063	52.7	52.4	55.2	55.5						
Specialty hospitals, excluding psychiatric	8069	125.9	125.5	128.0	128.5						
Medical and dental laboratories	807	113.8	113.3	112.7	113.8						
Outpatient care facilities	808	191.9	193.0	212.5	215.1						

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Services—Continued											
Legal services	81	665.1	666.9	717.5	717.5		566.5	567.4	611.6	612.5	
Educational services	82	1,045.2	1,036.8	1,154.4	1,063.3						
Elementary and secondary schools	821	302.2	298.6	348.6	312.5						
Colleges and universities	822	618.0	612.4	675.0	621.8						
Correspondence and vocational schools	824	57.2	58.4	61.0	59.4						
Social services	83	1,222.3	1,224.6	1,311.8	1,315.9						
Individual and family services	832	249.0	250.1	275.3	280.5						
Job training and related services	833	197.1	196.9	209.3	219.2						
Residential care	836	269.6	270.0	286.8	289.0						
Museums, botanical and zoological gardens	84	45.0	44.7	46.9	47.2						
Membership organizations	86	1,517.3	1,503.6	1,518.5	1,530.3						
Business associations	861	86.3	86.3	89.3	90.1						
Labor organizations	863	131.0	129.5	138.8	138.6						
Civic and social associations	864	359.3	350.1	344.9	369.6						
Miscellaneous services	89	1,170.7	1,178.2	1,254.6	1,270.5		965.4	972.4	1,035.3	1,045.2	
Engineering and architectural services	891	650.1	656.0	707.8	715.7		548.9	555.3	598.2	606.6	
Noncommercial research organizations	892	114.3	113.7	115.9	119.0		-	-	-	-	
Accounting, auditing, and bookkeeping	893	383.3	385.6	407.0	412.0		302.0	303.5	321.5	321.3	
Government		15,223	15,117	16,330	15,588	15,429					
Federal Government⁴		2,857	2,843	2,915	2,928	2,919					
Executive, by agency ⁴		2,799.3	2,785.8	2,856.9							
Department of Defense		983.8	977.2	1,001.0							
Postal Service ⁵		708.0	706.6	749.0							
Other executive agencies		1,107.5	1,102.0	1,106.9							
Legislative		41.2	40.5	40.7							
Judicial		16.9	17.1	17.7							
Federal government, by industry:											
Manufacturing activities		136.9	136.7	137.0	137.6						
Shipbuilding and repairing	3731	83.1	82.9	81.8	81.6						
Transportation and public utilities, except Postal Service		40.1	39.7	40.7	39.8						
Services		414.4	411.2	410.8	416.2						
Hospitals	806	241.5	240.4	245.4	247.7						
State government		3,522	3,527	3,667	3,609	3,619					
Hospitals	806	462.6	462.4	463.0	465.2	-					
Education	82	1,219.3	1,224.9	1,350.7	1,261.1						
General administration, including executive, legislative, and judicial functions		1,217.4	1,214.7	1,226.4	1,249.5						
Local government		8,844	8,747	9,748	9,051	8,891					
Transportation and public utilities		498.3	500.5	506.7	508.2	-					
Hospitals	806	624.0	620.7	613.0	615.3						
Education	82	4,293.9	4,233.3	5,315.2	4,385.2						
General administration, including executive, legislative, and judicial functions		3,077.0	3,047.9	3,010.5	3,196.8						

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

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

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

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

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

⁵ Includes rural mail carriers.

- Data not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 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	May 1984	June 1984	Apr. 1985	May 1985	June 1985
Total	41,918	42,048	43,579	43,876	43,917
Total private	33,876	34,200	35,312	35,588	35,842
Goods-producing	6,838	6,919	6,860	6,865	6,926
Mining	117	119	125	126	127
Construction	418	428	450	458	469
Manufacturing	6,303	6,372	6,285	6,281	6,330
Durable goods	3,031	3,067	3,061	3,054	3,065
Lumber and wood products	106	108	106	107	109
Furniture and fixtures	145	146	153	151	151
Stone, clay, and glass products	115	117	115	115	116
Primary metal industries	104	105	106	105	106
Fabricated metal products	325	327	327	328	328
Machinery, except electrical	487	493	486	483	481
Electrical and electronic equipment	942	955	933	930	929
Transportation equipment	327	332	354	356	362
Instruments and related products	306	308	310	310	312
Miscellaneous manufacturing	174	176	171	171	173
Nondurable goods	3,272	3,305	3,224	3,227	3,265
Food and kindred products	476	490	478	486	505
Tobacco manufactures	21	21	21	21	21
Textile mill products	361	360	336	334	335
Apparel and other textile products	983	983	938	933	934
Paper and allied products	161	164	163	165	168
Printing and publishing	568	573	595	597	600
Chemicals and allied products	279	284	286	285	289
Petroleum and coal products	30	30	29	29	29
Rubber and misc. plastics products	277	280	276	276	277
Leather and leather products	117	118	103	104	105
Service-producing	35,080	35,129	36,719	37,011	36,991
Transportation and public utilities	1,380	1,397	1,453	1,469	1,478
Wholesale trade	1,547	1,557	1,627	1,634	1,654
Retail trade	8,367	8,499	8,779	8,951	9,047
Finance, insurance, and real estate	3,404	3,446	3,572	3,596	3,637
Services	12,340	12,382	13,021	13,073	13,100
Government	8,042	7,848	8,267	8,288	8,075
Federal	976	989	997	1,009	1,024
State	1,691	1,615	1,777	1,759	1,686
Local	5,375	5,244	5,493	5,520	5,365

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1984 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	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^p	Aug. ^p
Total	94,893	95,238	95,573	95,882	96,092	96,419	96,591	96,910	97,120	97,421	97,473	97,722	98,010
Total private	78,885	79,154	79,460	79,764	80,010	80,319	80,480	80,767	80,962	81,208	81,260	81,373	81,672
Goods-producing	24,889	24,851	24,918	24,955	25,045	25,112	25,062	25,056	25,090	25,066	25,010	24,978	25,031
Mining	984	985	979	978	973	974	976	977	982	982	974	970	961
Oil and gas extraction	618	622	623	626	624	621	620	618	623	624	619	619	610
Construction	4,366	4,386	4,403	4,424	4,469	4,534	4,525	4,553	4,641	4,658	4,638	4,653	4,678
General building contractors	1,163	1,171	1,171	1,179	1,190	1,219	1,214	1,223	1,233	1,234	1,223	1,228	1,232
Manufacturing	19,539	19,480	19,536	19,553	19,603	19,604	19,561	19,526	19,467	19,426	19,398	19,355	19,392
Durable goods	11,638	11,611	11,652	11,666	11,701	11,702	11,675	11,651	11,608	11,586	11,560	11,514	11,556
Lumber and wood products	707	705	708	709	711	709	704	701	694	697	694	695	699
Furniture and fixtures	489	486	491	495	497	499	498	499	497	493	494	494	496
Stone, clay, and glass products	595	596	597	598	601	602	600	601	600	599	598	599	598
Primary metal industries	863	852	851	848	844	844	840	832	823	819	815	805	797
Blast furnaces and basic steel products	331	324	320	318	316	315	313	311	306	305	304	301	292
Fabricated metal products	1,478	1,476	1,483	1,486	1,489	1,486	1,483	1,480	1,479	1,477	1,472	1,465	1,460
Machinery, except electrical	2,232	2,225	2,233	2,232	2,232	2,228	2,224	2,220	2,207	2,203	2,191	2,177	2,183
Electrical and electronic equipment	2,237	2,241	2,247	2,250	2,253	2,252	2,248	2,243	2,223	2,216	2,205	2,194	2,196
Transportation equipment	1,934	1,927	1,935	1,940	1,965	1,974	1,972	1,969	1,982	1,981	1,990	1,988	2,025
Motor vehicles and equipment	880	866	869	873	888	891	876	867	876	873	875	867	891
Instruments and related products	717	718	720	722	723	723	725	727	726	723	725	725	725
Miscellaneous manufacturing	386	385	387	386	386	385	381	379	377	378	376	372	377
Nondurable goods	7,901	7,869	7,884	7,887	7,902	7,902	7,886	7,875	7,859	7,840	7,838	7,841	7,836
Food and kindred products	1,617	1,610	1,617	1,620	1,630	1,633	1,633	1,638	1,630	1,634	1,644	1,632	1,634
Tobacco manufactures	64	66	66	65	66	67	66	66	66	66	66	65	64
Textile mill products	744	738	730	726	722	720	712	706	707	701	699	696	695
Apparel and other textile products	1,196	1,181	1,181	1,180	1,184	1,182	1,175	1,167	1,164	1,153	1,142	1,159	1,141
Paper and allied products	684	680	683	682	683	683	682	682	681	682	684	683	683
Printing and publishing	1,382	1,387	1,392	1,397	1,397	1,403	1,406	1,407	1,411	1,414	1,419	1,421	1,429
Chemicals and allied products	1,051	1,050	1,051	1,052	1,054	1,052	1,052	1,052	1,049	1,044	1,042	1,041	1,040
Petroleum and coal products	188	187	188	187	186	185	184	183	182	181	180	178	179
Rubber and misc. plastics products	786	784	792	796	799	798	799	798	795	791	789	787	795
Leather and leather products	189	186	184	182	181	179	177	176	174	174	173	176	176
Service-producing	70,004	70,387	70,655	70,927	71,047	71,307	71,529	71,854	72,030	72,355	72,463	72,744	72,979
Transportation and public utilities	5,194	5,210	5,223	5,229	5,246	5,259	5,272	5,269	5,278	5,301	5,295	5,306	5,290
Transportation	2,953	2,970	2,983	2,993	3,009	3,015	3,029	3,028	3,037	3,057	3,052	3,066	3,045
Communication and public utilities	2,241	2,240	2,240	2,236	2,237	2,244	2,243	2,241	2,241	2,244	2,243	2,240	2,245
Wholesale trade	5,573	5,610	5,636	5,647	5,665	5,686	5,697	5,714	5,733	5,748	5,768	5,776	5,804
Durable goods	3,296	3,311	3,321	3,334	3,347	3,358	3,367	3,377	3,388	3,402	3,414	3,425	3,441
Nondurable goods	2,277	2,299	2,315	2,313	2,318	2,328	2,330	2,337	2,345	2,346	2,354	2,351	2,363
Retail trade	16,673	16,750	16,859	16,994	17,026	17,090	17,160	17,249	17,280	17,392	17,425	17,464	17,511
General merchandise stores	2,285	2,298	2,311	2,357	2,323	2,341	2,343	2,349	2,348	2,371	2,361	2,357	2,357
Food stores	2,661	2,679	2,706	2,728	2,745	2,753	2,773	2,790	2,794	2,823	2,831	2,842	2,848
Automotive dealers and service stations	1,815	1,824	1,839	1,848	1,851	1,855	1,865	1,873	1,884	1,890	1,895	1,894	1,898
Eating and drinking places	5,454	5,472	5,493	5,512	5,535	5,559	5,588	5,615	5,642	5,660	5,692	5,728	5,725
Finance, insurance, and real estate	5,707	5,719	5,737	5,755	5,776	5,790	5,809	5,835	5,858	5,888	5,906	5,934	5,972
Finance	2,866	2,874	2,883	2,891	2,902	2,910	2,919	2,933	2,941	2,956	2,968	2,985	3,008
Insurance	1,758	1,763	1,770	1,774	1,780	1,783	1,789	1,792	1,799	1,808	1,814	1,818	1,827
Real estate	1,083	1,082	1,084	1,090	1,094	1,097	1,101	1,110	1,118	1,124	1,124	1,131	1,137
Services	20,849	21,014	21,087	21,184	21,252	21,382	21,480	21,644	21,723	21,813	21,856	21,915	22,064
Business services	4,152	4,183	4,205	4,234	4,259	4,295	4,324	4,377	4,402	4,424	4,441	4,446	4,483
Health services	6,070	6,117	6,125	6,139	6,154	6,169	6,186	6,204	6,218	6,240	6,243	6,258	6,294
Government	16,008	16,084	16,113	16,118	16,082	16,100	16,111	16,143	16,158	16,213	16,213	16,349	16,338
Federal	2,812	2,827	2,823	2,831	2,836	2,836	2,834	2,850	2,859	2,873	2,872	2,876	2,887
State	3,723	3,733	3,727	3,732	3,722	3,730	3,733	3,744	3,749	3,759	3,765	3,803	3,818
Local	9,473	9,524	9,563	9,555	9,524	9,534	9,544	9,549	9,550	9,581	9,576	9,670	9,633

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are

introduced, all seasonally adjusted data from January 1981 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	1984							1985					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total	41,865	42,100	42,263	42,449	42,631	42,832	42,919	43,089	43,220	43,390	43,493	43,681	43,720
Total private	34,056	34,218	34,354	34,503	34,672	34,869	34,975	35,118	35,234	35,388	35,477	35,628	35,686
Goods-producing	6,868	6,891	6,899	6,883	6,901	6,911	6,932	6,937	6,917	6,909	6,902	6,879	6,875
Mining	118	119	120	121	122	123	123	125	125	126	126	127	126
Construction	423	423	429	432	436	436	436	440	442	445	455	461	464
Manufacturing	6,327	6,349	6,350	6,330	6,343	6,352	6,373	6,372	6,350	6,338	6,321	6,291	6,285
Durable goods	3,045	3,059	3,076	3,071	3,082	3,088	3,097	3,098	3,085	3,080	3,064	3,050	3,042
Lumber and wood products	106	106	106	105	106	106	106	106	106	106	106	106	107
Furniture and fixtures	147	148	147	147	148	151	151	152	152	152	151	151	151
Stone, clay, and glass products	116	115	115	116	116	116	117	117	116	117	116	115	115
Primary metal industries	104	104	105	104	105	105	105	106	106	106	105	104	104
Fabricated metal products	325	327	327	327	329	330	332	331	329	328	327	327	326
Machinery, except electrical	490	493	494	493	496	494	494	494	493	491	487	482	478
Electrical and electronic equipment	948	953	962	959	958	958	958	958	949	944	934	928	922
Transportation equipment	329	332	337	337	340	343	348	350	351	352	356	356	359
Instruments and related products	306	307	307	308	309	310	311	310	310	311	311	310	309
Miscellaneous manufacturing	174	174	176	175	175	175	175	174	173	173	171	171	171
Nondurable goods	3,282	3,290	3,274	3,259	3,261	3,264	3,276	3,274	3,265	3,258	3,257	3,241	3,243
Food and kindred products	499	505	498	497	499	500	507	508	508	509	508	508	514
Tobacco manufactures	23	23	22	23	23	23	23	23	23	23	23	23	23
Textile mill products	358	357	354	351	348	346	345	344	340	337	336	334	333
Apparel and other textile products	966	964	960	949	947	946	949	948	943	938	936	924	918
Paper and allied products	162	163	162	161	162	163	163	163	163	163	164	164	166
Printing and publishing	572	574	576	579	581	583	584	587	589	591	594	596	599
Chemicals and allied products	281	283	284	284	285	286	288	287	286	286	287	286	286
Petroleum and coal products	30	30	30	29	29	29	30	29	29	29	29	29	29
Rubber and misc. plastics products	276	276	276	276	277	279	279	279	279	278	276	274	273
Leather and leather products	115	115	112	110	110	109	108	106	105	104	104	103	102
Service-producing	34,997	35,209	35,364	35,566	35,730	35,921	35,987	36,152	36,303	36,481	36,591	36,802	36,845
Transportation and public utilities	1,388	1,397	1,403	1,410	1,413	1,419	1,422	1,431	1,439	1,444	1,459	1,469	1,468
Wholesale trade	1,557	1,569	1,574	1,591	1,597	1,604	1,609	1,614	1,619	1,627	1,637	1,641	1,654
Retail trade	8,482	8,542	8,589	8,642	8,712	8,799	8,794	8,840	8,878	8,907	8,931	9,005	9,029
Finance, insurance, and real estate	3,423	3,435	3,450	3,461	3,476	3,491	3,510	3,527	3,540	3,564	3,579	3,600	3,612
Services	12,338	12,384	12,439	12,516	12,573	12,645	12,708	12,769	12,841	12,937	12,969	13,034	13,048
Government	7,809	7,882	7,909	7,946	7,959	7,963	7,944	7,971	7,986	8,002	8,016	8,053	8,034
Federal	970	970	974	981	984	987	990	992	992	996	1,000	1,005	1,004
State	1,676	1,677	1,683	1,687	1,683	1,685	1,685	1,702	1,710	1,719	1,724	1,735	1,749
Local	5,163	5,235	5,252	5,278	5,292	5,291	5,269	5,277	5,284	5,287	5,292	5,313	5,281

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all

seasonally adjusted data from January 1981 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	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^p	Aug. ^p
Total private	63,901	64,096	64,375	64,629	64,830	65,058	65,177	65,376	65,571	65,735	65,766	65,860	66,127
Goods-producing	17,484	17,448	17,497	17,509	17,585	17,638	17,578	17,574	17,597	17,555	17,495	17,471	17,521
Mining	700	700	695	694	691	690	692	691	699	701	694	691	683
Construction	3,388	3,407	3,422	3,439	3,485	3,549	3,539	3,574	3,649	3,651	3,632	3,638	3,661
Manufacturing	13,396	13,341	13,380	13,376	13,409	13,399	13,347	13,309	13,249	13,203	13,169	13,142	13,177
Durable goods	7,832	7,806	7,835	7,832	7,855	7,843	7,806	7,776	7,730	7,704	7,671	7,637	7,671
Lumber and wood products	591	588	593	594	597	595	589	585	579	580	576	583	586
Furniture and fixtures	391	389	393	397	399	400	399	400	397	393	394	393	395
Stone, clay, and glass products	457	457	458	459	462	463	461	462	460	460	459	458	457
Primary metal industries	656	647	647	644	640	640	636	630	621	618	615	608	600
Blast furnaces and basic steel products	254	248	245	244	242	242	240	237	238	234	231	230	233
Fabricated metal products	1,092	1,091	1,096	1,099	1,102	1,099	1,097	1,094	1,093	1,091	1,086	1,081	1,079
Machinery, except electrical	1,353	1,352	1,359	1,354	1,353	1,346	1,340	1,335	1,325	1,323	1,314	1,304	1,308
Electrical and electronic equipment	1,372	1,373	1,376	1,374	1,371	1,366	1,357	1,345	1,322	1,313	1,303	1,294	1,290
Transportation equipment	1,241	1,230	1,232	1,230	1,251	1,257	1,251	1,251	1,264	1,260	1,260	1,257	1,290
Motor vehicles and equipment	683	665	669	672	687	691	677	671	682	678	678	670	699
Instruments and related products	398	399	399	400	400	399	400	399	397	394	394	392	393
Miscellaneous manufacturing	281	280	282	281	280	278	276	275	272	272	270	267	273
Nondurable goods	5,564	5,535	5,545	5,544	5,554	5,556	5,541	5,533	5,519	5,499	5,498	5,505	5,506
Food and kindred products	1,124	1,119	1,123	1,126	1,135	1,138	1,138	1,143	1,138	1,141	1,153	1,142	1,143
Tobacco manufactures	49	50	50	50	50	51	50	49	50	49	49	49	48
Textile mill products	643	637	630	626	623	622	614	610	611	605	603	602	600
Apparel and other textile products	1,010	999	998	996	1,000	998	992	986	983	970	962	977	961
Paper and allied products	514	510	513	513	514	515	514	515	513	516	516	516	518
Printing and publishing	762	764	768	770	768	773	775	777	778	780	782	786	789
Chemicals and allied products	583	582	582	581	581	580	580	579	578	575	575	574	581
Petroleum and coal products	111	111	112	112	111	111	111	110	109	108	108	108	108
Rubber and misc. plastics products	611	609	616	619	622	620	621	619	615	611	607	604	611
Leather and leather products	157	154	153	151	150	148	146	145	144	144	143	147	147
Service-producing	46,417	46,648	46,878	47,120	47,245	47,420	47,599	47,802	47,974	48,180	48,271	48,389	48,606
Transportation and public utilities	4,293	4,303	4,316	4,324	4,337	4,344	4,355	4,358	4,365	4,385	4,382	4,393	4,376
Wholesale trade	4,490	4,520	4,542	4,553	4,570	4,589	4,596	4,610	4,631	4,644	4,662	4,665	4,689
Retail trade	14,929	14,989	15,090	15,217	15,233	15,278	15,337	15,391	15,430	15,521	15,568	15,582	15,635
Finance, insurance, and real estate	4,245	4,245	4,259	4,270	4,284	4,298	4,309	4,328	4,343	4,364	4,381	4,399	4,423
Services	18,460	18,591	18,671	18,756	18,821	18,911	19,002	19,115	19,205	19,266	19,278	19,350	19,483

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

1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

Corrected seasonal adjustment factors for production workers in blast furnaces and basic steel products for August and November 1985 are 100.9 and 97.5 respectively. The corrected factor for motor vehicles and equipment in September 1985 is 101.5.

**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	1983.....	52.2	45.9	59.7	70.0	68.9	63.0	72.7	69.5	73.2	74.1	66.8	68.9
	1984.....	67.3	72.7	66.8	67.3	60.5	64.3	65.7	58.1	48.4	66.5	55.1	63.5
	1985.....	57.6	50.3	55.9	44.6	50.3	47.0	^p 51.4	^p 59.7				
Over 3-month span	1983.....	46.2	53.2	63.0	73.5	71.9	73.8	72.7	80.3	80.8	78.6	74.6	74.3
	1984.....	78.1	75.9	77.6	68.9	69.7	67.0	65.4	60.3	60.0	56.5	67.0	60.0
	1985.....	58.6	54.1	46.8	45.9	44.1	^p 48.9	^p 50.8					
Over 6-month span	1983.....	50.0	62.4	65.7	67.8	74.3	78.4	79.7	79.5	78.9	79.2	79.7	78.4
	1984.....	79.2	77.8	77.3	75.4	69.2	64.9	63.2	64.1	67.0	59.7	57.6	60.3
	1985.....	52.2	49.5	44.3	^p 43.5	^p 45.9							
Over 12-month span	1983.....	48.6	55.1	61.4	68.6	72.4	75.1	77.0	79.7	78.4	80.8	81.6	81.1
	1984.....	81.9	78.4	76.8	75.1	72.7	73.0	70.0	65.7	63.5	60.5	56.2	51.9
	1985.....	^p 49.7	^p 50.0										

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 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 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		
	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P
Alabama	1,391.6	1,398.0	1,404.5	14.6	15.3	15.4	67.4	67.1	69.4
Birmingham	357.7	358.7	362.2	7.7	7.9	7.8	19.8	20.9	21.2
Huntsville	105.7	109.8	110.2	.1	.1	.1	4.6	4.3	4.5
Mobile	153.6	156.3	157.8	1.1	1.0	1.0	10.3	12.1	12.1
Montgomery	113.4	115.5	115.2	.1	.1	.1	6.9	7.1	7.1
Tuscaloosa	51.4	52.3	52.9	2.5	2.8	2.8	2.6	2.8	2.8
Alaska	241.2	237.5	247.2	9.0	9.4	9.8	23.8	21.2	22.2
Arizona	1,157.0	1,247.1	1,237.1	13.6	11.3	11.2	98.1	111.1	110.0
Phoenix	754.7	821.2	814.4	.6	.6	.6	67.1	77.4	76.1
Tucson	207.5	225.3	223.3	3.7	2.5	2.5	18.4	21.3	21.4
Arkansas	779.6	794.0	789.4	5.7	5.6	5.6	37.8	37.7	38.7
Fayetteville-Springdale	40.9	42.1	41.6	(¹)	(¹)	(¹)	1.8	1.9	2.0
Fort Smith	66.2	67.0	67.1	1.2	1.3	1.3	3.3	3.0	3.0
Little Rock-North Little Rock	213.7	215.0	214.5	.4	.4	.4	12.2	11.4	11.5
Pine Bluff	30.2	31.4	31.0	(¹)	(¹)	(¹)	1.3	1.5	1.6
California	10,566.3	10,890.3	10,807.9	50.2	49.3	49.5	459.9	473.7	477.4
Anaheim-Santa Ana	955.3	1,002.4	991.1	4.2	4.3	4.3	45.8	49.9	49.7
Bakersfield	147.7	154.3	152.7	15.4	15.5	15.8	8.2	8.4	8.4
Fresno	186.4	190.3	187.5	1.3	1.0	1.0	11.0	11.3	11.3
Los Angeles-Long Beach	3,739.5	3,840.4	3,821.5	12.4	12.1	12.1	111.7	120.4	119.9
Modesto	92.1	90.5	92.5	.1	.1	.1	5.4	5.6	5.7
Oakland	735.5	767.4	761.6	2.0	1.9	1.9	41.4	44.5	44.9
Oxnard-Ventura	175.5	183.6	182.1	3.3	3.3	3.3	8.5	9.1	9.1
Riverside-San Bernardino	473.8	502.9	497.3	1.3	1.3	1.3	33.5	37.4	38.0
Sacramento	464.0	487.8	483.4	.8	.9	.8	24.7	26.6	27.8
Salinas-Seaside-Monterey	95.6	98.9	98.6	.3	.3	.3	3.5	3.7	3.8
San Diego	725.9	772.0	766.4	.6	.7	.7	43.3	46.9	47.8
San Francisco	901.2	917.7	917.3	2.6	2.7	2.7	30.4	32.8	33.1
San Jose	782.4	798.5	793.8	.2	.2	.2	30.8	33.3	33.6
Santa Barbara-Santa Maria-Lompoc	134.4	137.7	136.1	1.4	1.4	1.4	6.1	6.5	6.5
Santa Rosa-Petaluma	106.0	111.7	108.7	.7	.7	.8	7.2	6.9	7.2
Stockton	129.0	128.6	130.8	.1	.1	.1	7.0	7.3	7.7
Vallejo-Fairfield-Napa	109.5	113.5	112.3	.4	.3	.4	6.4	6.2	6.4
Colorado	1,385.2	1,420.1	1,408.9	36.6	34.9	34.5	93.0	91.8	92.6
Denver-Boulder	901.2	922.2	915.1	24.5	23.2	22.9	56.7	57.9	58.3
Connecticut	1,530.7	1,576.2	1,559.4	1.6	1.3	1.3	65.7	68.0	70.0
Bridgeport-Milford	188.2	188.8	185.6	(¹)	(¹)	(¹)	6.6	6.4	6.7
Hartford	425.8	434.8	431.6	.3	.2	.3	15.3	15.2	15.6
New Britain	59.5	61.7	59.9	(¹)	(¹)	(¹)	2.9	2.9	3.0
New Haven-Meriden	236.5	240.9	237.1	.3	.3	.3	11.1	11.5	11.6
Stamford	117.4	121.2	119.9	.7	.7	.6	4.8	4.8	4.9
Waterbury	83.4	86.8	84.4	(¹)	(¹)	(¹)	3.5	3.5	3.6
Delaware	283.8	293.9	294.9	.1	.1	.1	18.1	18.2	18.3
Wilmington	246.2	254.4	254.0	.2	.2	.2	19.7	19.4	19.3
District of Columbia	630.4	626.8	643.1	.1	.1	.1	10.9	11.6	11.6
Washington MSA	1,823.9	1,891.7	1,908.0	1.1	1.0	1.1	98.2	108.6	109.7
Florida	4,156.2	4,422.7	4,377.8	10.2	10.5	10.4	326.2	331.8	334.0
Daytona Beach	93.8	97.3	96.7	(¹)	(¹)	(¹)	6.7	6.9	7.0
Fort Lauderdale-Hollywood-Pompano Beach	404.3	412.9	408.8	.4	.4	.4	34.0	32.9	33.1
Fort Myers-Cape Coral	84.9	92.5	90.9	(¹)	(¹)	(¹)	10.3	11.0	11.1
Gainesville	79.2	81.9	81.0	(¹)	(¹)	(¹)	4.6	4.8	4.8
Jacksonville	339.3	356.6	354.3	.6	.6	.6	25.5	27.5	27.5
Lakeland-Winter Haven	124.9	129.4	126.7	4.9	5.0	4.8	9.1	8.8	9.0
Melbourne-Titusville-Palm Bay	127.4	130.6	130.6	(¹)	(¹)	(¹)	8.5	8.4	8.3
Miami-Hialeah	763.4	782.6	776.6	.9	.9	.9	39.8	38.2	37.5
Orlando	383.3	395.1	393.7	(¹)	(¹)	(¹)	31.4	28.3	28.8
Pensacola	113.7	118.3	115.8	.5	.4	.4	8.9	9.0	9.0
Sarasota	86.9	87.2	86.1	(¹)	(¹)	(¹)	9.6	8.8	8.9
Tallahassee	88.7	93.1	91.7	(¹)	(¹)	(¹)	4.6	4.9	4.9
Tampa-St. Petersburg-Clearwater	683.1	709.2	706.3	.7	.7	.7	58.6	58.5	58.9
West Palm Beach-Boca Raton-Delray Beach	260.5	276.3	272.7	(¹)	(¹)	(¹)	25.1	24.4	24.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
Alabama	358.8	353.8	349.7	72.7	73.8	73.4	292.1	294.6	294.8
Birmingham	54.0	55.0	54.5	29.7	30.1	30.0	86.0	85.8	86.1
Huntsville	30.0	31.2	31.0	2.4	2.3	2.4	19.6	21.9	22.1
Mobile	25.5	25.4	25.5	9.5	9.7	9.5	40.8	41.9	42.0
Montgomery	17.8	17.4	17.3	4.6	4.8	4.7	25.7	26.0	26.0
Tuscaloosa	8.3	8.2	8.3	1.9	1.9	1.9	10.7	11.1	11.1
Alaska	20.1	14.2	22.1	19.9	20.2	20.4	46.9	46.8	47.5
Arizona	173.9	182.8	182.6	60.8	63.1	63.5	282.3	301.2	299.5
Phoenix	126.3	132.5	132.0	39.3	41.8	42.1	191.4	204.7	203.3
Tucson	29.5	31.5	31.7	9.0	8.9	8.9	46.7	49.8	49.5
Arkansas	215.3	211.8	211.5	45.7	46.0	46.4	176.3	179.9	180.7
Fayetteville-Springdale	9.4	9.5	9.4	3.3	3.3	3.3	10.0	10.3	10.3
Fort Smith	22.1	22.9	23.5	3.4	3.5	3.4	14.9	14.7	14.7
Little Rock-North Little Rock	34.2	32.9	32.7	14.3	14.1	14.3	51.2	51.8	52.0
Pine Bluff	5.9	5.8	5.8	3.4	3.3	3.2	6.3	6.6	6.6
California	2,074.7	2,048.4	2,057.1	557.6	551.9	558.4	2,521.4	2,637.8	2,645.1
Anaheim-Santa Ana	234.2	234.8	233.4	31.9	33.0	33.0	240.9	252.5	254.8
Bakersfield	10.4	10.8	10.8	7.8	7.8	7.9	39.4	40.4	40.5
Fresno	22.1	21.6	22.1	10.3	9.9	10.0	48.3	47.9	47.8
Los Angeles-Long Beach	899.7	904.2	900.7	201.4	197.9	203.2	868.2	886.4	890.6
Modesto	22.9	18.9	22.0	4.6	4.5	4.5	22.9	23.0	23.2
Oakland	105.4	105.0	105.4	46.0	47.9	48.6	185.7	194.1	193.6
Oxnard-Ventura	27.1	27.2	26.2	7.2	7.5	7.4	44.8	46.4	46.5
Riverside-San Bernardino	60.9	62.5	62.2	28.3	28.7	28.7	123.1	129.9	130.1
Sacramento	35.1	33.1	34.6	23.9	23.1	23.3	115.0	119.2	120.1
Salinas-Seaside-Monterey	8.9	9.0	9.3	4.7	4.8	4.9	26.5	27.3	27.4
San Diego	112.7	119.1	119.8	30.7	31.0	31.1	173.8	184.9	186.3
San Francisco	86.1	85.0	85.9	86.6	81.2	84.5	199.9	207.7	209.0
San Jose	291.4	287.0	287.8	22.4	22.6	22.6	144.1	150.1	150.1
Santa Barbara-Santa Maria-Lompoc	24.7	23.7	23.7	5.5	5.5	5.4	31.1	31.8	31.9
Santa Rosa-Petaluma	18.0	17.7	17.6	5.1	5.2	5.1	27.6	28.6	28.7
Stockton	24.5	21.0	23.7	8.3	8.1	8.6	30.1	30.8	31.1
Vallejo-Fairfield-Napa	11.4	10.4	10.7	4.4	4.5	4.5	26.3	27.4	27.7
Colorado	194.8	191.9	193.5	87.0	86.9	89.3	341.2	346.8	347.2
Denver-Boulder	134.7	131.2	131.9	64.4	64.6	67.0	218.4	222.6	222.7
Connecticut	414.6	420.3	408.8	65.3	69.4	67.2	337.5	345.2	345.8
Bridgeport-Milford	64.5	63.9	62.6	7.3	7.2	7.1	41.5	41.8	41.6
Hartford	92.0	94.2	93.4	15.4	16.2	15.7	90.4	92.3	91.8
New Britain	22.9	23.2	22.2	3.1	3.2	3.1	11.3	11.7	11.5
New Haven-Meriden	49.3	49.6	48.0	18.0	18.4	18.0	53.2	55.6	55.5
Stamford	29.9	29.6	28.9	4.6	4.7	4.7	27.4	29.0	28.9
Waterbury	28.0	29.1	27.2	3.0	3.2	3.0	16.3	17.2	17.1
Delaware	69.1	70.1	70.4	11.4	12.4	11.6	65.3	67.7	68.3
Wilmington	60.8	61.5	61.4	11.5	12.1	11.5	51.3	53.2	53.2
District of Columbia	14.6	14.5	14.6	26.3	27.1	26.9	63.8	65.3	65.4
Washington MSA	77.5	78.6	79.0	84.3	90.1	90.1	362.3	377.5	378.6
Florida	499.1	516.0	512.9	242.7	250.7	251.0	1,106.9	1,166.7	1,164.9
Daytona Beach	10.6	10.7	10.7	3.3	3.5	3.5	27.2	28.0	28.1
Fort Lauderdale-Hollywood-Pompano Beach	43.8	43.9	43.6	21.6	20.3	20.3	117.1	119.5	119.2
Fort Myers-Cape Coral	4.2	4.4	4.4	4.2	4.5	4.5	24.4	27.9	27.6
Gainesville	5.6	5.2	5.1	1.7	1.7	1.7	17.8	17.2	17.1
Jacksonville	36.0	37.0	36.6	27.0	27.8	27.9	92.9	94.8	95.7
Lakeland-Winter Haven	21.2	22.4	21.9	5.7	5.8	5.6	32.2	33.2	32.9
Melbourne-Titusville-Palm Bay	26.3	26.1	25.8	5.3	5.4	5.4	27.7	29.2	29.3
Miami-Hialeah	96.4	96.4	96.1	70.9	71.2	71.3	195.5	200.9	197.7
Orlando	45.3	46.5	46.4	19.9	20.4	20.3	104.2	110.5	111.6
Pensacola	12.4	12.1	12.1	6.4	6.4	6.4	28.2	28.7	28.6
Sarasota	7.1	6.9	6.9	3.4	3.4	3.4	25.4	25.6	25.4
Tallahassee	3.8	3.8	3.8	2.8	2.9	2.9	19.2	19.2	19.1
Tampa-St. Petersburg-Clearwater	88.2	89.5	89.5	35.9	36.3	36.3	185.3	193.7	193.3
West Palm Beach-Boca Raton-Delray Beach	34.4	36.3	36.3	10.4	10.5	10.4	68.4	71.9	71.6

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	Finance, insurance, and real estate			Services			Government		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
Alabama	63.5	65.7	66.1	228.6	232.6	233.9	293.9	295.1	301.8
Birmingham	25.2	25.8	26.1	77.4	78.1	77.9	57.9	55.1	58.6
Huntsville	2.9	3.0	3.0	19.1	19.1	19.3	27.0	27.9	27.8
Mobile	7.5	7.3	7.4	31.4	31.7	32.0	27.5	27.2	28.3
Montgomery	6.6	6.7	6.7	22.2	22.6	22.6	29.5	30.8	30.7
Tuscaloosa	1.6	1.7	1.7	6.9	7.0	7.0	16.9	16.8	17.3
Alaska	12.8	13.5	13.6	45.0	45.3	45.9	63.7	66.9	65.7
Arizona	72.6	76.5	76.9	275.4	296.2	296.1	180.3	204.9	197.3
Phoenix	56.8	59.8	60.2	183.5	199.7	197.9	89.7	104.7	102.2
Tucson	10.1	10.7	10.8	50.8	55.6	57.1	39.3	45.0	41.4
Arkansas	36.4	38.1	38.3	135.3	137.2	137.2	127.1	137.7	131.0
Fayetteville-Springdale	1.5	1.6	1.6	5.8	5.9	5.8	9.1	9.6	9.2
Fort Smith	2.5	2.6	2.6	12.6	12.5	12.5	6.2	6.5	6.1
Little Rock-North Little Rock	14.9	15.2	15.3	45.8	46.2	46.2	40.7	43.0	42.1
Pine Bluff	1.5	1.6	1.6	5.6	5.6	5.5	6.2	7.0	6.7
California	700.5	708.3	714.1	2,546.4	2,641.6	2,640.7	1,655.6	1,779.3	1,665.6
Anaheim-Santa Ana	70.6	73.7	73.9	232.3	243.2	243.8	95.4	111.0	98.2
Bakersfield	5.7	5.8	5.8	28.3	28.9	28.8	32.5	36.7	34.7
Fresno	12.8	12.9	13.0	41.7	42.8	42.7	38.9	42.9	39.6
Los Angeles-Long Beach	251.6	255.9	257.6	940.7	984.0	981.5	453.8	479.5	455.9
Modesto	3.9	3.9	3.9	18.6	18.8	18.8	13.7	15.7	14.3
Oakland	43.6	45.0	45.3	162.6	172.4	172.1	148.8	156.6	149.8
Oxnard-Ventura	11.1	11.3	11.3	36.6	38.1	38.2	36.9	40.7	40.1
Riverside-San Bernardino	21.0	21.4	21.5	106.5	112.6	112.3	99.2	109.1	103.2
Sacramento	26.5	27.4	27.7	94.7	99.1	99.3	143.3	158.4	149.8
Salinas-Seaside-Monterey	4.8	4.8	4.8	22.8	23.4	23.8	24.1	25.6	24.3
San Diego	48.8	49.2	49.4	183.2	193.4	194.8	132.8	146.8	136.5
San Francisco	112.2	111.6	112.0	254.2	262.7	260.2	129.2	134.0	129.9
San Jose	30.9	31.9	32.0	188.4	193.3	191.0	74.2	80.1	76.5
Santa Barbara-Santa Maria-Lompoc	7.1	7.1	7.1	34.9	36.0	35.8	23.6	25.7	24.3
Santa Rosa-Petaluma	7.2	7.3	7.2	22.9	24.1	24.0	17.3	21.2	18.1
Stockton	6.9	6.2	6.3	25.5	26.2	26.0	26.6	28.9	27.3
Vallejo-Fairfield-Napa	4.0	4.1	4.1	22.8	24.5	23.9	33.8	36.1	34.6
Colorado	94.7	96.6	97.4	307.3	318.0	318.1	230.4	253.2	236.3
Denver-Boulder	68.0	68.5	68.7	206.0	213.5	213.2	128.5	140.6	130.4
Connecticut	125.7	127.7	128.5	342.2	355.2	356.8	178.1	189.1	181.0
Bridgeport-Milford	9.2	9.1	9.2	43.0	42.4	42.5	16.1	18.0	15.9
Hartford	69.6	64.2	64.5	92.2	97.1	97.4	50.6	55.4	52.9
New Britain	2.5	3.0	3.0	11.1	11.4	11.3	5.7	6.3	5.8
New Haven-Meriden	13.9	14.2	14.0	61.3	62.2	62.0	29.4	29.1	27.7
Stamford	9.6	9.7	9.8	31.3	32.3	32.5	9.1	10.4	9.6
Waterbury	3.9	4.0	4.0	19.0	19.4	19.6	9.7	10.4	9.9
Delaware	17.9	19.3	19.4	58.8	62.5	62.4	43.1	43.7	44.5
Wilmington	16.2	17.5	17.7	52.0	56.1	55.8	34.5	34.5	35.1
District of Columbia	35.9	36.3	36.3	203.2	209.0	209.1	275.6	262.9	279.1
Washington MSA	106.6	110.0	111.3	544.7	570.1	574.2	549.2	555.8	564.0
Florida	299.9	314.9	316.4	1,061.7	1,144.9	1,143.1	609.5	687.2	645.1
Daytona Beach	5.7	6.3	6.3	25.8	26.4	26.7	14.5	15.5	14.4
Fort Lauderdale-Hollywood-Pompano Beach	33.3	33.9	34.0	106.8	110.7	110.2	47.3	51.3	48.0
Fort Myers-Cape Coral	6.9	7.0	6.9	22.0	23.4	23.3	12.7	14.1	12.9
Gainesville	3.4	3.3	3.3	17.7	18.5	18.3	28.3	31.1	30.6
Jacksonville	31.2	32.2	32.7	78.3	82.9	83.7	47.8	53.8	49.6
Lakeland-Winter Haven	7.5	8.1	8.2	27.5	28.0	28.1	16.8	18.1	16.2
Melbourne-Titusville-Palm Bay	4.5	5.0	5.0	35.9	36.4	36.4	19.1	20.0	20.3
Miami-Hialeah	61.8	62.3	62.9	201.5	210.5	209.9	96.6	102.2	100.3
Orlando	24.9	26.0	25.9	116.7	114.5	116.0	40.8	48.9	44.7
Pensacola	5.1	5.3	5.2	28.2	28.8	28.8	24.0	27.6	25.3
Sarasota	7.3	7.2	7.2	24.1	24.1	23.9	9.9	11.1	10.3
Tallahassee	4.4	4.4	4.4	17.7	18.1	17.9	35.9	39.5	38.4
Tampa-St. Petersburg-Clearwater	53.0	55.6	56.0	179.2	186.9	185.3	82.2	88.0	86.3
West Palm Beach-Boca Raton-Delray Beach	21.1	21.5	21.4	70.5	76.1	75.4	30.5	35.5	32.6

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		
	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P
Georgia	2,459.4	2,608.5	2,600.7	7.8	8.0	7.9	137.7	152.0	156.1
Albany	46.8	47.8	47.0	.1	(¹)	(¹)	2.6	2.3	2.5
Athens	56.6	58.5	56.8	(¹)	.1	.1	1.9	1.8	1.8
Atlanta	1,200.4	1,284.3	1,288.5	1.2	1.2	1.2	65.3	77.8	80.6
Augusta	134.6	137.8	138.7	.4	.5	.5	7.7	7.1	7.4
Columbus	88.1	88.3	87.7	.1	.1	.1	5.0	5.5	5.5
Macon-Warner Robins	109.1	109.3	109.7	.2	.2	.2	4.9	4.6	4.7
Savannah	91.5	94.8	93.4	(¹)	(¹)	(¹)	5.7	6.3	6.3
Hawaii	416.2	419.7	421.3	(¹)	(¹)	(¹)	17.2	18.5	18.8
Honolulu	337.2	339.4	340.4	(¹)	(¹)	(¹)	14.2	15.7	15.8
Idaho	325.1	337.8	333.9	4.2	3.8	3.9	13.9	15.8	17.2
Boise City	83.5	85.4	84.8	(¹)	(¹)	(¹)	5.6	5.5	5.7
Illinois	4,662.2	4,707.1	4,711.0	25.6	26.2	26.6	165.6	175.4	182.9
Aurora-Elgin	124.4	126.3	124.9	(¹)	(¹)	(¹)	4.2	4.5	4.6
Bloomington-Normal	47.7	49.3	48.8	(¹)	(¹)	(¹)	1.4	1.4	1.4
Champaign-Urbana-Rantoul	71.0	72.9	72.7	(¹)	(¹)	(¹)	1.9	1.8	1.9
Chicago	2,779.2	2,835.0	2,835.4	2.2	2.3	2.3	97.3	99.9	100.7
Davenport-Rock Island-Moline	146.9	145.4	145.4	(¹)	(¹)	(¹)	4.9	4.9	5.0
Decatur	48.7	48.8	49.2	(¹)	(¹)	(¹)	1.7	1.7	1.8
Joliet	87.6	93.0	90.7	(¹)	(¹)	(¹)	4.5	4.4	4.5
Kankakee	30.7	31.3	31.6	(¹)	(¹)	(¹)	1.3	1.2	1.3
Lake County	168.2	175.0	175.0	(¹)	(¹)	(¹)	6.3	6.5	6.9
Peoria	129.6	127.1	126.4	(¹)	(¹)	(¹)	5.4	5.7	5.9
Rockford	114.1	116.1	115.3	(¹)	(¹)	(¹)	3.4	3.5	3.7
Springfield	86.9	88.0	87.3	(¹)	(¹)	(¹)	2.6	2.7	2.6
Indiana	2,148.0	2,210.6	2,205.7	10.8	10.6	10.8	89.9	100.3	106.2
Anderson	47.2	47.6	47.1	(¹)	(¹)	(¹)	1.3	1.4	1.4
Elkhart-Goshen	89.6	91.0	90.2	(¹)	(¹)	(¹)	2.4	2.5	2.6
Evansville	121.0	123.0	124.0	3.0	2.8	2.8	6.9	6.7	7.1
Fort Wayne	160.4	163.3	163.8	(¹)	(¹)	(¹)	6.7	7.4	7.7
Gary-Hammond	218.7	213.4	214.9	(¹)	(¹)	(¹)	10.9	10.6	11.5
Indianapolis	542.4	555.7	554.8	(¹)	(¹)	(¹)	24.8	27.0	27.8
Lafayette	55.4	56.1	56.4	(¹)	(¹)	(¹)	1.7	1.9	1.8
Muncie	44.5	45.8	46.1	(¹)	(¹)	(¹)	1.6	1.7	1.8
South Bend-Mishawaka	100.4	103.0	102.6	(¹)	(¹)	(¹)	4.6	4.6	4.8
Terre Haute	50.2	51.8	51.5	.4	.4	.4	2.1	2.3	2.4
Iowa	1,053.4	1,065.6	1,050.7	2.3	2.1	2.2	43.3	40.6	41.8
Cedar Rapids	75.9	77.8	76.6	.2	.1	.1	2.7	2.8	2.9
Des Moines	186.2	190.0	188.6	(¹)	(¹)	(¹)	7.1	7.3	7.8
Dubuque	38.8	39.8	39.4	(¹)	(¹)	(¹)	1.4	1.4	1.5
Iowa City	44.9	45.5	46.5	(¹)	(¹)	(¹)	2.0	1.6	1.7
Sioux City	47.4	49.0	48.3	(¹)	(¹)	(¹)	1.9	2.1	2.2
Waterloo-Cedar Falls	62.5	58.9	58.2	(¹)	(¹)	(¹)	2.6	2.7	2.9
Kansas	955.9	988.4	975.1	18.2	17.0	17.1	46.0	46.0	46.8
Lawrence	25.4	26.7	26.4	(¹)	(¹)	(¹)	1.1	1.2	1.3
Topeka	81.9	84.5	83.8	(¹)	(¹)	(¹)	3.2	2.8	3.1
Wichita	199.9	204.9	203.6	3.5	3.0	3.1	9.8	10.2	10.4
Kentucky	1,200.3	1,259.0	1,247.6	46.9	48.0	45.1	54.1	56.1	58.1
Lexington-Fayette	156.1	158.7	158.0	.8	1.0	.9	9.2	9.8	10.0
Louisville	405.4	407.8	409.5	.7	.7	.7	19.6	19.5	20.0
Owensboro	32.0	31.5	31.5	1.2	1.2	1.2	1.9	1.7	1.7
Louisiana	1,602.1	1,593.3	1,575.4	81.2	79.0	79.5	123.5	112.4	110.1
Alexandria	44.4	45.2	44.8	.3	.3	.3	3.0	3.1	3.1
Baton Rouge	215.1	215.8	215.6	1.1	1.3	1.3	23.1	24.1	23.4
Houma-Thibodaux	61.5	62.6	61.9	7.9	8.5	8.4	3.2	3.2	3.3
Lafayette	98.2	96.0	96.6	16.9	16.0	16.2	5.3	5.3	5.3
Lake Charles	60.7	58.6	58.8	2.3	2.3	2.3	4.1	3.5	3.7
Monroe	54.0	55.1	54.5	.7	.7	.8	3.1	3.3	3.2
New Orleans	550.8	534.2	534.8	19.9	20.3	20.1	36.7	31.4	31.5
Shreveport	143.0	144.8	143.3	5.3	4.7	4.6	9.4	10.0	10.0
Maine	459.3	463.5	462.6	.2	.2	.2	22.5	23.3	24.2
Lewiston-Auburn	34.9	37.1	36.1	(¹)	(¹)	(¹)	1.7	1.6	1.7
Portland	103.9	107.1	106.8	(¹)	(¹)	(¹)	5.5	6.1	6.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a
Georgia	547.4	543.6	540.0	155.7	162.2	162.6	610.3	671.0	675.0
Albany	10.6	10.5	10.6	2.6	2.3	2.4	11.1	11.4	11.3
Athens	15.4	15.3	14.9	1.6	1.6	1.6	12.1	12.4	12.3
Atlanta	174.5	175.3	175.7	100.6	106.0	106.1	338.6	364.1	366.8
Augusta	35.3	36.3	36.3	4.3	4.4	4.4	27.8	28.2	28.5
Columbus	21.9	20.7	20.6	3.3	3.5	3.5	19.0	19.0	19.0
Macon-Warner Robins	19.6	18.6	18.9	4.5	4.5	4.6	22.7	23.4	23.6
Savannah	15.9	16.2	16.2	9.8	10.0	10.0	22.3	22.5	22.5
Hawaii	23.5	21.7	21.9	32.0	32.3	32.4	111.5	113.3	114.0
Honolulu	17.1	15.6	15.8	26.5	26.7	26.9	89.4	89.8	90.5
Idaho	55.4	54.5	52.8	19.0	18.6	18.5	82.7	86.7	86.9
Boise City	10.5	10.3	10.3	5.2	5.3	5.2	21.5	22.4	22.2
Illinois	985.9	959.4	946.9	273.6	272.7	276.8	1,144.9	1,167.3	1,166.5
Aurora-Elgin	37.6	35.8	35.5	3.3	3.2	3.3	34.1	33.9	33.4
Bloomington-Normal	5.1	5.0	5.2	3.2	3.1	3.1	12.3	12.6	12.5
Champaign-Urbana-Rantoul	7.0	7.3	7.2	2.4	2.4	2.4	17.7	18.2	18.2
Chicago	593.8	585.3	577.5	170.2	169.4	173.3	665.7	693.3	686.0
Davenport-Rock Island-Moline	34.7	32.4	31.9	8.1	8.1	8.1	38.8	38.6	39.1
Decatur	15.7	14.9	15.0	3.8	3.8	3.9	10.4	10.9	11.0
Joliet	20.3	20.8	20.7	8.7	8.9	8.8	20.3	21.9	21.8
Kankakee	5.4	5.3	5.4	1.1	1.1	1.1	7.6	7.6	7.7
Lake County	40.9	40.9	41.1	5.1	5.2	5.1	42.2	42.1	41.7
Peoria	34.8	30.9	30.6	6.6	6.6	6.6	31.6	31.6	31.4
Rockford	44.6	45.4	44.9	4.4	4.2	4.2	24.7	25.0	24.7
Springfield	5.0	4.6	4.3	4.0	4.1	4.1	17.7	17.6	17.8
Indiana	625.0	625.7	618.4	107.1	109.4	109.6	502.8	521.8	520.8
Anderson	18.8	18.9	18.6	1.2	1.2	1.2	10.3	10.4	10.3
Elkhart-Goshen	49.7	49.5	49.0	2.8	2.9	2.9	16.6	17.3	17.1
Evansville	31.8	32.2	32.5	6.4	6.7	6.7	30.4	31.0	31.0
Fort Wayne	46.1	46.0	45.9	10.6	10.9	11.0	38.6	40.3	40.4
Gary-Hammond	66.5	61.4	60.4	13.4	13.6	13.6	49.8	50.5	50.7
Indianapolis	112.2	108.8	107.9	31.8	32.5	32.7	138.6	143.4	143.3
Lafayette	11.5	11.3	11.4	1.9	1.8	1.8	11.5	12.3	12.2
Muncie	11.3	11.3	11.1	2.0	2.0	2.0	11.2	11.9	11.8
South Bend-Mishawaka	24.1	24.9	24.1	4.4	4.5	4.5	26.9	28.1	28.0
Terre Haute	10.5	10.7	10.4	2.7	2.5	2.7	14.3	14.7	14.8
Iowa	211.2	208.2	206.0	51.3	51.5	51.4	271.7	269.2	269.2
Cedar Rapids	21.3	21.3	21.0	3.7	3.7	3.7	19.1	18.8	18.8
Des Moines	23.7	22.7	22.5	11.3	11.6	11.8	49.1	49.5	49.4
Dubuque	12.2	12.3	12.2	1.8	1.7	1.7	8.7	9.0	9.0
Iowa City	3.9	3.9	3.9	.9	1.2	1.1	8.5	8.6	8.6
Sioux City	8.9	10.2	10.2	3.4	3.3	3.3	12.5	12.3	12.2
Waterloo-Cedar Falls	16.9	13.7	13.7	2.1	2.1	2.1	14.2	14.0	14.0
Kansas	179.0	178.5	177.9	64.5	64.4	64.2	239.4	248.6	247.0
Lawrence	4.3	4.4	4.4	1.3	1.2	1.2	5.7	5.9	5.8
Topeka	9.6	9.8	9.7	7.6	7.6	7.6	18.6	19.8	19.6
Wichita	55.0	56.7	56.6	10.0	10.3	10.1	48.3	49.3	49.2
Kentucky	261.6	256.4	256.6	65.7	69.0	69.7	281.1	298.5	297.9
Lexington-Fayette	28.9	28.9	29.1	7.5	7.5	7.5	35.2	36.0	35.9
Louisville	90.9	86.2	86.1	23.4	23.4	23.3	98.9	103.2	102.9
Owensboro	6.5	6.2	6.3	2.3	2.2	2.2	8.0	8.0	7.9
Louisiana	183.3	180.7	177.6	119.2	116.2	114.8	385.4	381.6	380.9
Alexandria	3.5	3.6	3.4	2.3	2.3	2.3	11.2	11.4	11.5
Baton Rouge	22.0	21.0	21.1	10.6	10.9	10.8	52.2	53.3	53.5
Houma-Thibodaux	5.6	7.2	6.7	7.3	6.8	6.8	15.3	14.6	14.8
Lafayette	6.2	5.9	5.9	7.2	7.1	7.1	26.3	25.5	25.3
Lake Charles	9.9	9.4	9.3	4.5	4.3	4.5	15.0	14.4	14.5
Monroe	6.9	7.2	7.2	2.7	3.0	2.9	15.3	15.8	15.6
New Orleans	48.9	47.6	47.2	46.9	45.8	45.6	143.3	141.5	141.2
Shreveport	23.1	22.1	21.7	9.0	8.4	8.3	34.6	35.0	35.6
Maine	107.4	107.7	99.0	20.0	20.0	20.2	111.6	110.8	114.4
Lewiston-Auburn	10.2	11.2	9.9	1.4	1.4	1.4	8.3	8.7	8.8
Portland	16.1	16.7	15.6	5.8	5.8	5.9	30.5	30.3	31.0

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		
	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P
Georgia	130.9	135.7	136.9	445.9	485.4	487.2	423.8	450.6	434.9
Albany	2.2	2.3	2.4	6.9	7.1	7.1	10.8	11.8	10.8
Athens	1.7	1.8	1.8	7.9	8.2	8.2	15.9	17.3	15.9
Atlanta	82.7	86.6	87.9	267.9	294.5	295.3	169.7	178.7	175.0
Augusta	5.0	5.4	5.5	22.1	22.8	22.9	32.0	33.1	33.2
Columbus	5.8	6.2	6.2	13.6	13.1	13.0	19.3	20.2	19.7
Macon-Warner Robins	6.6	6.8	6.9	19.1	18.7	18.6	31.6	32.6	32.3
Savannah	4.1	4.0	4.1	18.8	19.0	19.1	14.9	16.6	15.3
Hawaii	32.0	32.1	32.2	109.2	109.0	108.7	90.8	92.8	93.3
Honolulu	27.3	27.5	27.6	86.0	85.7	85.3	76.7	78.4	78.5
Idaho	23.7	23.7	23.8	62.4	64.6	64.5	63.8	70.1	66.3
Boise City	8.2	8.2	8.1	17.2	17.6	17.5	15.3	16.1	15.7
Illinois	321.8	327.3	327.3	1,071.1	1,084.2	1,102.9	673.7	694.6	681.1
Aurora-Elgin	6.7	6.6	6.5	24.8	27.4	27.8	13.6	14.8	13.7
Bloomington-Normal	8.6	8.7	8.7	9.7	10.3	10.3	7.4	8.2	7.6
Champaign-Urbana-Rantoul	2.4	2.5	2.5	12.5	12.9	12.9	27.1	27.8	27.6
Chicago	231.1	236.4	237.3	688.1	700.1	712.8	330.8	348.3	345.5
Davenport-Rock Island-Moline	7.3	7.4	7.4	25.9	26.5	27.0	27.1	27.5	26.9
Decatur	2.8	2.7	2.7	8.9	9.3	9.3	5.3	5.4	5.4
Joliet	3.4	3.7	3.7	16.6	18.1	17.5	13.5	14.9	13.4
Kankakee	1.4	1.5	1.5	6.7	7.7	7.7	7.2	6.9	6.9
Lake County	7.0	7.0	7.2	37.7	42.7	43.4	28.3	29.9	28.9
Peoria	6.5	6.6	6.5	29.1	29.9	30.1	15.2	15.8	15.3
Rockford	4.5	4.7	4.7	20.9	21.4	21.6	11.5	11.9	11.5
Springfield	7.7	7.8	7.8	19.5	19.8	19.8	30.2	31.3	30.8
Indiana	105.9	107.6	108.4	395.5	415.0	413.0	311.0	320.2	318.5
Anderson	1.6	1.6	1.7	8.3	8.4	8.3	5.7	5.7	5.6
Elkhart-Goshen	2.2	2.3	2.3	11.1	11.6	11.5	4.8	4.9	4.8
Evansville	4.6	4.7	4.7	27.0	27.2	27.7	10.9	11.7	11.5
Fort Wayne	10.8	11.0	11.0	31.2	31.5	31.5	16.3	16.1	16.2
Gary-Hammond	8.3	7.8	7.8	41.3	41.2	41.0	28.4	28.2	29.8
Indianapolis	40.8	40.9	41.4	111.6	118.6	118.2	81.7	83.6	82.6
Lafayette	2.8	2.8	2.8	10.0	10.3	10.2	15.9	15.6	16.1
Muncie	1.5	1.6	1.6	8.7	9.3	9.3	8.2	8.0	8.5
South Bend-Mishawaka	5.0	5.1	5.1	25.4	26.1	26.1	10.0	9.7	10.0
Terre Haute	1.7	1.7	1.8	9.9	10.4	10.3	8.6	9.1	8.7
Iowa	62.5	63.4	63.4	220.6	224.6	222.7	190.6	205.8	194.0
Cedar Rapids	4.7	4.8	4.8	15.7	16.5	16.1	8.5	9.7	9.2
Des Moines	24.0	24.4	24.4	43.7	45.3	44.9	27.3	29.1	27.7
Dubuque	1.4	1.5	1.5	10.3	10.7	10.5	3.1	3.2	3.0
Iowa City	1.3	1.3	1.3	6.4	6.6	6.5	21.8	22.3	23.4
Sioux City	2.6	2.6	2.6	12.1	12.1	11.9	6.0	6.4	5.9
Waterloo-Cedar Falls	3.1	3.1	3.1	12.7	12.4	12.3	10.7	11.0	10.1
Kansas	52.2	53.2	53.3	184.9	193.3	193.5	171.7	187.4	175.3
Lawrence .....	.9	.9	1.0	4.3	4.6	4.6	7.8	8.5	8.1
Topeka	5.9	5.8	5.9	18.3	18.6	18.7	18.6	20.0	19.1
Wichita	10.2	10.3	10.3	40.5	41.5	41.7	22.6	23.6	22.2
Kentucky	55.9	57.7	58.7	231.3	246.9	240.9	203.7	226.4	220.7
Lexington-Fayette	7.7	8.4	8.4	34.2	34.8	34.7	32.6	32.3	31.5
Louisville	25.7	26.2	26.1	87.7	91.6	90.9	58.3	57.0	59.4
Owensboro	1.2	1.2	1.2	6.6	6.6	6.6	4.3	4.4	4.4
Louisiana	83.7	84.3	84.3	312.2	316.7	314.0	313.6	322.4	314.2
Alexandria	2.5	2.5	2.5	9.5	9.5	9.5	12.1	12.5	12.2
Baton Rouge	13.4	13.6	13.7	40.1	40.6	40.6	52.6	51.0	51.2
Houma-Thibodaux	2.5	2.3	2.3	9.4	9.2	9.1	10.3	10.8	10.5
Lafayette	4.1	4.0	4.0	19.6	19.3	19.3	12.6	12.9	13.5
Lake Charles	2.8	2.8	2.7	11.0	10.7	10.8	11.1	11.2	11.0
Monroe	4.0	4.3	4.3	10.6	10.6	10.6	10.7	10.2	9.9
New Orleans	33.4	31.9	32.1	130.2	126.2	125.8	91.5	89.5	91.3
Shreveport	8.1	8.0	7.9	31.4	32.6	32.5	22.1	24.0	22.7
Maine	20.0	20.8	21.0	98.8	96.3	103.2	78.9	84.4	80.4
Lewiston-Auburn	1.8	1.8	1.8	8.3	8.9	9.2	3.2	3.5	3.3
Portland	8.9	9.4	9.4	24.7	24.9	25.6	12.4	13.9	13.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
Maryland	1,820.7	1,902.6	1,906.9	1.7	1.6	1.6	120.9	137.8	138.6
Baltimore MSA	986.0	994.6	997.1	.2	.2	.2	54.9	56.2	56.6
Baltimore City	442.3	438.5	442.1	(¹)	(¹)	(¹)	18.6	17.7	17.8
Suburban Maryland-D.C.	622.1	653.7	654.5	.4	.5	.6	49.5	54.4	54.2
Massachusetts	2,854.9	3,013.3	2,979.6	1.2	1.2	1.2	104.8	113.2	116.8
Boston	1,612.7	1,738.0	1,722.1	.5	.6	.6	55.1	60.8	62.5
Brockton	64.1	70.1	68.7	(¹)	(¹)	(¹)	2.7	3.3	3.4
Fall River	52.5	56.1	54.0	(¹)	(¹)	(¹)	1.8	1.9	2.0
Fitchburg-Leominster	37.4	39.7	37.7	(¹)	(¹)	(¹)	1.6	1.8	1.8
Lawrence-Haverhill	144.8	158.1	156.2	(¹)	(¹)	(¹)	7.0	9.6	9.7
Lowell	97.0	105.6	103.4	(¹)	(¹)	(¹)	4.1	4.9	5.3
New Bedford	65.6	70.5	68.6	(¹)	(¹)	(¹)	2.2	2.3	2.4
Pittsfield	39.6	41.6	41.8	(¹)	(¹)	(¹)	1.5	1.7	1.7
Springfield	221.5	235.5	232.4	.2	.2	.2	6.9	7.4	7.5
Worcester	171.9	184.3	180.7	.2	.1	.1	6.6	7.2	7.7
Michigan	3,331.4	3,463.9	3,433.9	9.8	9.9	9.6	99.9	97.8	102.6
Ann Arbor	138.8	142.6	143.6	.2	(¹)	(¹)	4.2	4.3	5.2
Battle Creek	52.9	53.6	53.8	(¹)	(¹)	(¹)	1.7	1.9	2.0
Benton Harbor	57.6	58.3	58.7	.1	(¹)	(¹)	1.4	1.4	1.4
Detroit	1,664.1	1,733.7	1,716.5	.8	.7	.7	47.8	51.4	52.9
Flint	166.4	169.2	167.3	(¹)	(¹)	(¹)	4.0	4.6	4.5
Grand Rapids	280.2	284.5	284.0	.4	(¹)	(¹)	10.7	10.5	10.9
Jackson	46.9	47.3	47.1	.4	(¹)	(¹)	1.3	1.3	1.4
Kalamazoo	93.4	94.5	95.0	.1	(¹)	(¹)	3.2	3.3	3.5
Lansing-East Lansing	174.3	187.2	182.9	.4	(¹)	(¹)	4.6	4.8	4.8
Muskegon	53.9	54.8	55.0	.1	(¹)	(¹)	1.8	1.7	1.8
Saginaw-Bay City-Midland	145.0	147.4	146.3	.2	(¹)	(¹)	7.2	5.9	6.0
Minnesota	1,828.2	1,903.1	1,881.7	11.1	10.3	8.4	78.7	80.5	83.8
Duluth	87.4	87.6	82.6	6.5	6.0	4.0	3.4	3.0	2.9
Minneapolis-St. Paul	1,172.6	1,225.3	1,217.7	(¹)	(¹)	(¹)	50.0	50.5	53.5
Rochester	55.5	56.8	56.6	(¹)	(¹)	(¹)	2.0	2.3	2.4
St. Cloud	57.2	60.7	59.6	(¹)	(¹)	(¹)	3.2	3.4	3.6
Mississippi	816.7	841.3	837.4	9.2	9.1	9.0	39.9	41.2	41.7
Jackson	159.7	165.5	164.5	1.8	1.8	1.8	8.4	9.2	9.3
Missouri	2,008.1	2,051.8	2,032.5	5.8	6.5	6.6	88.5	84.8	87.1
Kansas City	667.0	681.1	677.6	.7	.8	.8	28.5	29.8	30.7
St. Joseph	35.7	34.7	34.6	(¹)	(¹)	(¹)	1.6	1.7	1.8
St. Louis	1,047.2	1,065.7	1,062.0	3.7	3.6	3.6	52.8	49.9	51.6
Springfield	94.2	94.2	94.0	.1	.1	.1	3.7	3.7	3.9
Montana	282.3	288.1	280.6	8.0	7.3	7.6	14.6	13.9	14.6
Nebraska	628.9	646.1	637.7	1.7	1.7	1.7	27.1	25.0	25.9
Lincoln	97.3	100.7	99.4	(¹)	(¹)	(¹)	3.9	4.0	4.1
Omaha	279.1	285.0	282.2	.3	.3	.3	12.2	12.2	12.8
Nevada	430.5	449.3	449.6	6.8	7.0	7.1	23.5	25.8	26.0
Las Vegas	239.5	251.4	250.6	.4	.4	.4	14.1	15.3	15.4
Reno	119.9	124.4	124.8	.8	.8	.8	6.0	6.6	6.6
New Hampshire	444.9	477.6	477.4	.4	.7	.7	25.4	32.1	34.1
Manchester	75.7	79.1	78.3	(¹)	(¹)	(¹)	4.2	4.6	4.8
Nashua	80.5	85.2	83.3	.1	.2	.2	3.5	3.8	4.0
New Jersey	3,399.4	3,500.6	3,496.3	2.3	2.4	2.3	142.2	157.7	157.8
Atlantic City	170.5	169.9	177.6	(¹)	(¹)	(¹)	7.8	8.4	7.9
Bergen-Passaic	631.0	649.3	642.8	(¹)	.1	.1	24.8	25.5	25.4
Camden	382.0	392.6	392.0	.1	.1	.1	17.3	18.5	19.3
Jersey City	228.7	227.3	229.9	(¹)	(¹)	(¹)	5.4	6.5	6.6
Middlesex-Somerset-Hunterdon	460.1	472.1	472.5	(¹)	.6	.6	19.9	21.8	22.7
Monmouth-Ocean	292.1	306.1	309.3	(¹)	(¹)	(¹)	16.3	19.7	20.1
Newark	925.2	946.5	947.4	.7	.7	.7	32.9	34.5	34.4
Trenton	170.8	174.4	174.3	(¹)	(¹)	(¹)	4.4	4.3	4.2
Vineland-Millville-Bridgeton	51.8	51.4	51.1	(¹)	.3	.3	2.1	2.2	2.1

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
Maryland	218.6	214.4	212.2	91.4	93.4	91.3	454.8	477.7	478.1
Baltimore MSA	141.2	137.8	135.9	59.1	58.1	56.5	233.1	240.9	240.1
Baltimore City	52.5	53.8	52.5	33.7	32.7	32.2	91.2	92.3	91.6
Suburban Maryland—D.C.	33.7	32.4	32.0	18.4	20.3	20.1	167.9	174.4	173.8
Massachusetts	667.2	683.9	665.3	121.7	130.4	126.4	666.5	716.9	715.5
Boston	325.6	347.9	345.4	74.9	78.9	77.6	359.9	391.5	388.1
Brockton	11.9	13.0	12.2	4.1	4.5	4.3	18.9	20.0	20.3
Fall River	18.3	20.0	18.5	1.7	1.8	1.6	12.5	13.2	13.3
Fitchburg—Leominster	13.6	13.5	12.4	1.6	1.5	1.4	8.4	9.4	9.2
Lawrence—Haverhill	52.9	57.3	56.9	5.7	6.2	5.9	30.2	31.8	32.2
Lowell	40.3	43.4	42.6	3.0	3.2	2.9	19.3	21.1	20.5
New Bedford	23.5	25.8	24.3	2.4	2.6	2.6	14.7	15.9	15.8
Pittsfield	11.6	12.4	12.1	.9	.8	.8	9.7	10.7	10.7
Springfield	54.6	56.4	55.2	8.4	9.1	8.8	51.3	55.5	55.0
Worcester	47.1	50.2	49.2	7.4	7.8	7.2	40.9	43.1	43.1
Michigan	941.4	961.5	943.6	136.7	140.6	141.5	749.8	794.5	787.3
Ann Arbor	36.3	35.6	35.7	3.5	3.7	3.8	21.7	22.3	22.4
Battle Creek	14.9	14.5	14.3	2.0	2.0	2.0	9.2	9.5	9.5
Benton Harbor	19.5	19.7	19.8	2.5	2.4	2.4	11.8	11.9	12.1
Detroit	460.0	463.4	456.3	72.8	75.0	75.5	388.5	409.8	405.7
Flint	64.6	63.2	62.6	4.9	4.3	4.2	38.6	41.2	41.1
Grand Rapids	94.4	97.9	96.8	10.7	10.9	11.0	67.8	69.0	68.7
Jackson	11.8	12.5	12.2	4.8	4.2	4.1	9.9	10.0	9.9
Kalamazoo	28.4	29.3	29.4	2.9	2.8	2.9	20.8	21.2	21.0
Lansing—East Lansing	32.1	38.9	38.0	5.3	5.3	5.3	35.0	35.9	35.0
Muskegon	18.3	19.4	18.8	2.9	2.8	2.8	11.1	11.2	11.4
Saginaw—Bay City—Midland	45.2	46.6	45.7	7.2	7.0	7.0	31.8	33.3	33.2
Minnesota	379.8	381.1	381.5	96.6	99.0	98.9	467.7	481.0	480.0
Duluth	6.2	6.7	6.7	6.5	6.8	6.1	21.8	21.4	21.1
Minneapolis—St. Paul	258.5	260.4	259.7	66.0	68.1	67.9	293.1	302.2	301.6
Rochester	11.5	11.7	11.7	1.9	2.0	1.9	11.6	12.4	12.2
St. Cloud	10.7	10.4	10.3	3.6	4.0	4.0	16.9	18.2	18.3
Mississippi	219.5	221.0	218.2	39.3	39.9	39.9	176.6	185.6	185.7
Jackson	20.0	19.8	19.7	10.3	10.2	10.2	40.0	42.6	42.6
Missouri	425.5	435.0	429.2	132.4	134.5	134.2	483.2	489.7	490.1
Kansas City	120.0	121.1	118.2	51.4	51.8	51.7	172.3	170.4	171.3
St. Joseph	8.9	8.5	8.5	2.0	1.8	1.8	8.4	8.3	8.3
St. Louis	228.2	229.9	229.8	74.0	74.5	73.6	246.5	253.1	252.3
Springfield	20.3	18.9	18.9	6.1	6.0	5.9	26.3	26.5	26.8
Montana	23.4	22.1	22.3	20.8	19.9	19.9	77.8	77.7	77.9
Nebraska	90.2	88.9	87.0	43.1	42.9	42.9	161.4	164.3	163.8
Lincoln	12.1	13.0	12.9	6.3	6.2	6.1	21.4	21.6	21.2
Omaha	36.6	35.6	35.1	23.0	23.1	23.1	70.1	71.4	71.2
Nevada	21.3	21.7	21.5	25.2	25.5	25.6	86.8	90.2	90.8
Las Vegas	7.6	7.7	7.6	14.2	14.4	14.4	49.4	51.7	51.8
Reno	8.2	8.3	8.2	7.9	8.2	8.3	25.9	26.4	26.8
New Hampshire	120.2	122.6	118.0	14.7	15.6	15.2	109.5	120.7	124.2
Manchester	15.7	15.8	15.4	4.7	4.8	4.8	20.0	20.5	20.4
Nashua	37.5	37.5	36.6	2.1	2.3	2.2	16.1	17.7	17.5
New Jersey	730.7	731.0	723.8	215.1	220.3	216.7	818.2	843.9	847.5
Atlantic City	7.8	8.3	8.1	6.1	6.3	6.2	47.2	45.0	49.4
Bergen—Passaic	170.6	172.5	169.9	30.4	30.3	29.6	176.8	184.1	182.5
Camden	74.3	75.8	75.7	17.0	16.6	17.0	99.7	104.3	103.6
Jersey City	59.4	56.5	54.9	27.3	28.9	28.9	50.4	52.4	53.1
Middlesex—Somerset—Hunterdon	115.3	113.8	112.4	33.8	34.6	34.4	107.6	114.1	113.5
Monmouth—Ocean	32.6	33.7	33.6	13.1	14.0	13.6	80.1	85.6	88.4
Newark	203.2	205.1	202.3	79.2	79.6	78.6	186.0	197.3	197.6
Trenton	33.7	32.7	33.0	5.4	5.6	5.5	28.1	28.9	28.5
Vineland—Millville—Bridgeton	15.1	14.0	13.8	2.0	2.1	2.0	10.2	10.5	10.5

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		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
Maryland	106.2	111.8	113.0	448.8	475.4	477.7	378.3	390.5	394.4
Baltimore MSA	63.8	65.6	66.3	233.3	235.6	235.8	200.4	200.2	205.7
Baltimore City	41.0	42.9	43.2	118.8	117.2	117.7	86.5	81.9	87.1
Suburban Maryland-D.C.	34.6	35.7	36.0	172.3	182.0	184.3	145.3	154.0	153.5
Massachusetts	181.0	192.3	195.8	751.5	796.3	795.5	361.0	379.1	363.1
Boston	124.7	134.9	135.6	487.6	526.7	523.4	184.4	196.7	188.9
Brockton	2.6	2.7	2.7	12.7	14.4	14.1	11.2	12.2	11.7
Fall River	2.8	2.8	2.9	9.7	9.8	10.0	5.7	6.6	5.7
Fitchburg-Leominster	1.4	1.5	1.5	7.0	7.5	7.4	3.8	4.5	4.0
Lawrence-Haverhill	5.4	5.7	5.9	27.3	30.1	29.7	16.3	17.4	15.9
Lowell	3.1	3.6	3.7	15.7	17.1	16.9	11.4	12.2	11.4
New Bedford	2.4	2.5	2.5	11.3	11.6	11.8	9.1	9.8	9.2
Pittsfield	2.1	2.1	2.2	9.4	8.8	9.7	4.3	5.0	4.5
Springfield	14.5	14.8	15.1	49.5	53.2	52.6	36.3	38.9	38.0
Worcester	11.1	11.8	12.0	38.0	41.9	41.4	20.6	22.2	20.0
Michigan	156.2	160.0	161.3	699.9	735.9	738.9	537.6	563.7	549.2
Ann Arbor	4.1	4.1	4.2	27.9	30.5	30.8	40.9	41.9	41.5
Battle Creek	3.6	3.8	3.9	10.4	10.6	10.6	11.0	11.3	11.5
Benton Harbor	2.1	2.2	2.2	12.6	12.5	12.8	7.7	8.0	7.9
Detroit	91.0	94.7	95.0	383.4	407.6	409.3	220.5	231.2	221.1
Flint	5.7	6.0	6.0	27.4	28.0	27.7	21.1	22.0	21.1
Grand Rapids	11.2	11.2	11.2	55.8	56.5	56.8	29.1	28.1	28.3
Jackson	1.6	1.6	1.7	9.2	9.2	9.2	7.9	8.3	8.4
Kalamazoo	3.7	3.8	3.9	21.2	21.0	21.3	13.1	13.0	13.0
Lansing-East Lansing	9.6	10.0	10.1	30.8	32.8	32.9	56.3	58.9	56.2
Muskegon	1.4	1.4	1.4	10.3	10.2	10.5	8.0	7.9	8.0
Saginaw-Bay City-Midland	5.5	5.8	5.9	28.7	29.1	29.0	19.2	19.5	19.2
Minnesota	107.4	110.6	111.6	415.7	441.4	442.1	271.2	299.1	275.5
Duluth	2.9	3.0	3.0	22.2	20.8	20.1	17.8	20.0	18.8
Minneapolis-St. Paul	81.1	82.7	83.5	276.6	298.6	300.3	146.3	161.7	150.1
Rochester	1.5	1.6	1.6	22.2	21.5	22.0	4.6	5.2	4.7
St. Cloud	2.1	2.1	2.1	11.3	11.7	11.6	9.2	10.7	9.5
Mississippi	34.5	35.2	35.3	123.1	127.1	126.9	174.6	182.4	180.6
Jackson	12.3	12.8	12.8	32.6	33.3	33.3	34.4	35.8	34.8
Missouri	115.6	116.9	117.3	443.4	449.4	450.4	313.7	335.0	317.5
Kansas City	50.3	50.6	50.8	150.0	152.1	153.1	93.8	104.5	101.0
St. Joseph	1.9	2.1	2.1	7.5	7.0	7.0	5.4	5.3	5.1
St. Louis	63.3	64.6	65.1	249.1	253.6	255.3	129.6	136.5	130.7
Springfield	4.3	4.4	4.4	22.3	23.0	22.9	11.1	11.6	11.1
Montana	13.5	13.5	13.5	61.6	62.6	63.0	62.6	71.1	61.9
Nebraska	43.6	44.8	45.0	135.7	144.0	142.9	126.1	134.5	128.6
Lincoln	7.3	7.6	7.6	19.6	20.4	20.2	26.7	28.0	27.3
Omaha	25.6	26.3	26.4	70.5	73.4	72.6	40.8	42.8	40.7
Nevada	20.2	21.1	21.1	190.6	198.4	199.7	56.1	59.6	57.8
Las Vegas	11.6	12.4	12.4	116.0	120.8	121.2	26.2	28.7	27.4
Reno	6.6	6.8	6.7	48.5	51.0	51.2	16.0	16.3	16.2
New Hampshire	23.9	26.0	26.2	96.4	99.9	103.2	54.4	60.0	55.8
Manchester	6.6	6.8	6.9	17.7	18.8	18.6	6.8	7.7	7.3
Nashua	2.6	2.9	2.9	13.9	15.1	15.0	4.7	5.7	4.9
New Jersey	187.4	194.0	194.5	781.9	805.4	814.3	521.5	545.9	539.4
Atlantic City	6.8	7.3	7.5	69.8	68.8	72.3	25.1	25.7	26.1
Bergen-Passaic	32.0	33.5	33.5	128.5	134.0	132.9	68.0	69.3	68.9
Camden	19.5	19.8	19.8	85.5	86.8	87.4	68.6	70.7	69.1
Jersey City	8.5	8.3	8.9	35.7	35.1	34.8	42.1	39.6	42.7
Middlesex-Somerset-Hunterdon	25.4	26.3	26.6	89.5	93.0	95.0	68.6	67.9	67.3
Monmouth-Ocean	13.9	13.9	14.0	78.5	78.9	81.7	57.6	60.3	57.9
Newark	68.7	69.5	69.7	224.0	225.6	225.2	130.5	134.2	138.9
Trenton	8.5	8.4	8.4	44.5	45.1	44.5	46.3	49.4	50.2
Vineland-Millville-Bridgeton	2.7	2.7	2.7	8.8	8.4	8.5	11.0	11.2	11.2

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		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
New Mexico	502.1	518.1	513.4	21.2	20.3	20.1	38.7	38.4	38.4
Albuquerque	208.3	217.9	217.4	.3	.2	.2	15.7	17.5	17.7
Las Cruces	31.8	36.2	33.9	(¹)	(¹)	(¹)	2.8	2.8	2.8
New York	7,597.1	7,750.1	7,728.9	7.1	7.3	7.3	269.4	278.2	284.9
Albany-Schenectady-Troy	371.4	380.9	376.2	.3	.3	.3	14.6	14.9	15.6
Binghamton	115.8	118.2	115.6	(¹)	(¹)	(¹)	5.0	5.3	5.4
Buffalo	405.1	412.3	407.7	.5	.7	.7	14.5	15.0	15.8
Elmira	35.3	34.1	33.8	(¹)	(¹)	(¹)	1.1	1.4	1.5
Glens Falls	44.6	43.8	45.6	(¹)	(¹)	(¹)	1.6	1.5	1.8
Monroe County	353.3	360.7	358.1	.4	.3	.4	11.4	11.3	11.6
Nassau-Suffolk	1,042.2	1,078.3	1,072.0	.2	.2	.2	47.7	48.5	49.6
New York PMSA	3,927.6	3,984.8	3,982.4	1.6	1.6	1.6	121.0	125.9	126.4
New York City	3,435.8	3,483.7	3,483.1	1.3	1.3	1.3	95.4	99.8	100.0
Niagara Falls	78.5	78.0	78.0	(¹)	(¹)	(¹)	3.5	3.0	3.3
Orange County	88.4	91.0	90.0	(¹)	(¹)	(¹)	3.3	3.5	3.5
Poughkeepsie	112.7	113.7	114.0	(¹)	(¹)	(¹)	5.1	5.5	5.6
Rochester	436.0	446.2	442.7	.8	.8	.8	14.6	14.4	14.9
Rockland County	92.8	94.5	94.5	(¹)	(¹)	(¹)	3.6	3.8	3.8
Syracuse	277.2	279.5	277.7	.4	.2	.2	16.5	14.8	15.1
Utica-Rome	116.9	118.1	118.4	.1	.2	.2	3.8	3.8	4.1
Westchester County	384.2	391.6	389.7	.1	.1	.1	20.9	21.3	21.5
North Carolina	2,528.5	2,636.2	2,582.0	4.7	4.7	4.8	138.3	150.0	152.9
Asheville	73.5	75.4	75.3	.1	.1	.1	3.0	3.4	3.4
Charlotte-Gastonia-Rock Hill	488.0	489.8	483.2	.3	.3	.3	26.2	25.8	26.1
Greensboro-Winston-Salem-High Point	417.0	431.2	421.5	.4	.3	.3	19.8	20.6	21.2
Raleigh-Durham	318.9	340.7	336.7	.3	.3	.3	21.5	23.6	23.6
North Dakota	253.5	254.9	253.1	7.8	7.2	7.2	16.1	12.9	13.3
Bismarck	35.7	36.6	36.2	.2	.2	.2	2.1	1.8	1.9
Fargo-Moorhead	63.7	66.9	66.6	(¹)	(¹)	(¹)	3.9	3.8	4.0
Grand Forks	26.3	27.8	27.8	(¹)	(¹)	(¹)	1.6	1.6	1.7
Ohio	4,260.2	4,392.3	4,358.5	28.6	27.4	27.8	158.3	158.7	165.7
Akron	251.2	256.8	256.8	(¹)	(¹)	(¹)	9.1	10.0	10.4
Canton	150.2	153.1	152.5	(¹)	(¹)	(¹)	5.7	5.8	6.0
Cincinnati	602.4	631.0	629.0	(¹)	(¹)	(¹)	23.5	23.8	24.4
Cleveland	857.1	869.1	870.2	(¹)	(¹)	(¹)	29.4	29.1	30.1
Columbus	571.7	605.3	599.2	(¹)	(¹)	(¹)	20.8	22.4	23.1
Dayton-Springfield	391.0	406.7	404.9	(¹)	(¹)	(¹)	13.7	15.2	15.8
Toledo	251.4	260.9	258.5	(¹)	(¹)	(¹)	8.3	8.3	8.6
Youngstown-Warren	183.0	184.9	183.6	(¹)	(¹)	(¹)	6.4	6.3	6.7
Oklahoma	1,185.2	1,192.9	1,180.4	75.0	72.9	73.1	53.0	48.9	49.5
Enid	25.8	25.4	25.3	2.2	1.8	1.8	1.3	1.1	1.2
Lawton	33.5	34.7	33.8	.3	.3	.3	1.4	1.0	1.2
Oklahoma City	436.2	445.5	438.4	20.6	19.9	19.8	20.5	20.2	20.2
Tulsa	294.9	301.7	303.5	21.3	20.7	20.7	15.3	15.4	15.6
Oregon	999.9	1,036.8	1,016.7	1.8	1.5	1.6	33.2	33.4	35.1
Eugene-Springfield	94.6	99.5	96.2	.3	.3	.4	3.2	3.4	3.7
Portland	507.1	520.5	511.9	.6	.5	.5	17.5	17.1	17.7
Salem	84.3	87.5	88.2	.1	(¹)	(¹)	2.8	3.0	3.2
Pennsylvania	4,659.3	4,757.8	4,733.1	40.7	38.9	38.4	192.6	203.0	209.9
Allentown-Bethlehem	262.0	268.5	266.9	.4	.4	.4	9.8	10.0	10.3
Altoona	48.8	49.7	49.7	.1	(¹)	(¹)	2.2	2.3	2.5
Beaver County	55.2	56.4	54.6	(¹)	(¹)	(¹)	2.6	3.0	3.1
Delaware Valley	1,613.1	1,631.9	1,626.6	1.0	1.1	1.1	65.7	66.2	68.9
Erie	108.0	110.4	110.7	.2	.3	.3	3.4	3.1	3.4
Harrisburg-Lebanon-Carlisle	272.1	276.1	275.1	.1	.1	.1	10.4	10.7	10.5
Johnstown	75.9	78.6	78.7	6.1	5.2	5.1	3.0	3.2	3.6
Lancaster	162.4	165.0	164.4	.4	.5	.5	7.6	8.6	9.0
Philadelphia PMSA	1,979.9	2,024.6	2,018.7	1.2	1.2	1.2	83.0	84.7	88.2
Philadelphia City	755.8	754.0	754.8	(¹)	(¹)	(¹)	17.6	18.0	18.8
Pittsburgh	842.8	850.5	847.7	7.6	7.1	7.0	40.2	42.3	43.7

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		
	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a
New Mexico	36.6	37.0	36.7	29.2	29.1	29.0	119.6	123.3	123.4
Albuquerque	19.3	19.2	19.3	11.8	11.8	11.8	53.2	56.6	56.8
Las Cruces	3.5	3.2	3.3	1.2	1.3	1.3	7.2	7.8	7.7
New York	1,324.0	1,324.6	1,302.3	414.2	418.7	407.6	1,579.0	1,620.0	1,609.2
Albany-Schenectady-Troy	54.6	53.2	51.7	16.6	16.4	16.0	79.1	82.8	82.2
Binghamton	41.2	40.1	39.8	4.3	4.3	4.3	21.5	22.3	22.1
Buffalo	79.2	79.7	78.6	21.2	21.1	20.5	97.4	100.1	98.8
Elmira	8.3	6.9	6.5	1.4	1.4	1.4	9.2	9.3	9.3
Glens Falls	10.3	9.9	9.8	1.4	1.4	1.4	10.3	9.8	10.8
Monroe County	128.4	128.5	128.7	10.4	10.6	10.3	69.3	71.0	70.4
Nassau-Suffolk	178.0	181.9	180.9	42.9	46.8	44.0	279.0	290.7	289.6
New York PMSA	509.6	513.0	499.3	259.7	259.8	255.4	740.0	755.3	747.7
New York City	422.8	425.2	411.9	235.6	236.4	232.7	624.4	636.0	629.1
Niagara Falls	25.1	24.9	24.6	3.9	4.1	4.1	16.9	17.3	17.0
Orange County	15.4	15.3	15.1	5.2	5.6	5.3	21.7	22.6	22.7
Poughkeepsie	35.2	34.8	34.8	3.3	3.3	3.3	18.8	20.0	19.9
Rochester	150.0	150.0	150.6	13.1	13.3	13.1	88.1	90.8	90.2
Rockland County	16.1	15.8	15.8	4.0	4.2	4.0	21.1	22.2	22.2
Syracuse	58.7	58.5	57.8	15.7	15.7	15.6	62.0	63.8	63.7
Utica-Rome	27.3	26.5	26.2	4.4	4.4	4.3	24.5	25.3	25.5
Westchester County	69.3	70.4	70.2	19.6	18.7	18.1	90.8	93.4	92.7
North Carolina	827.7	815.0	805.2	127.2	129.7	129.9	552.7	571.2	575.0
Asheville	20.6	19.5	19.3	3.5	3.4	3.4	16.6	17.2	17.4
Charlotte-Gastonia-Rock Hill	148.6	144.0	141.9	41.3	42.3	42.3	115.8	115.6	116.2
Greensboro-Winston-Salem-High Point	154.5	152.4	151.2	23.0	23.4	23.2	90.4	94.1	93.7
Raleigh-Durham	56.4	58.7	58.7	15.9	16.2	16.3	64.5	67.8	67.6
North Dakota	15.5	15.7	15.8	16.4	16.7	16.6	68.7	69.5	69.7
Bismarck	2.1	2.0	2.0	2.9	2.9	2.9	9.7	9.7	9.9
Fargo-Moorhead	4.9	4.8	4.9	3.9	4.0	4.0	19.7	20.7	20.6
Grand Forks	1.0	1.5	1.5	1.5	1.5	1.5	7.7	8.4	8.3
Ohio	1,131.3	1,121.1	1,112.5	207.6	210.2	210.2	986.2	1,027.6	1,026.3
Akron	68.6	66.8	66.1	13.2	13.7	13.6	60.3	62.3	62.5
Canton	46.7	46.6	46.3	6.2	6.2	6.2	35.4	37.3	37.3
Cincinnati	145.5	146.7	147.0	32.4	32.9	32.9	149.4	156.8	156.6
Cleveland	213.3	211.4	209.6	42.7	43.1	43.0	202.6	207.2	206.8
Columbus	104.6	104.4	104.2	26.7	27.7	27.4	139.6	147.9	147.4
Dayton-Springfield	103.8	105.9	105.7	15.2	16.1	16.2	84.8	89.6	89.4
Toledo	64.3	64.6	64.7	14.4	14.3	14.3	62.4	65.6	65.4
Youngstown-Warren	55.9	53.1	52.5	7.7	7.7	7.6	44.0	45.7	45.7
Oklahoma	175.5	172.0	169.9	65.3	63.7	63.1	289.2	294.0	292.0
Enid	2.1	1.9	1.9	2.6	2.6	2.6	7.5	7.8	7.8
Lawton	3.5	3.4	3.3	1.3	1.2	1.2	8.1	8.4	8.3
Oklahoma City	54.4	53.2	51.9	22.6	21.9	21.9	112.9	115.9	115.0
Tulsa	51.8	51.7	52.3	20.7	20.7	20.9	72.3	73.0	72.7
Oregon	202.0	199.1	202.4	56.8	55.0	55.0	254.7	262.5	262.6
Eugene-Springfield	19.6	18.9	19.4	4.2	4.1	4.0	24.6	25.5	25.4
Portland	94.4	93.5	93.0	34.1	33.8	33.8	137.0	139.7	139.6
Salem	14.1	12.5	16.0	2.4	2.5	2.5	19.2	19.5	19.4
Pennsylvania	1,122.7	1,093.4	1,075.3	242.6	248.5	243.2	1,035.4	1,064.1	1,062.4
Allentown-Bethlehem	91.4	87.9	87.1	14.1	14.1	14.1	54.0	57.0	57.2
Altoona	11.5	11.3	11.2	5.0	5.0	4.9	11.7	12.4	12.4
Beaver County	17.6	16.0	15.3	5.1	5.2	5.0	11.6	12.0	12.1
Delaware Valley	323.0	320.9	318.4	78.7	79.5	79.3	353.9	361.8	358.6
Erie	36.5	36.7	36.3	4.5	4.3	4.3	23.4	24.8	25.0
Harrisburg-Lebanon-Carlisle	55.0	52.0	51.5	18.0	17.6	17.1	58.1	60.9	61.3
Johnstown	12.5	12.5	12.6	4.6	5.0	4.7	16.2	16.7	16.8
Lancaster	59.1	57.0	56.9	6.9	7.0	6.8	39.3	40.5	40.6
Philadelphia PMSA	397.5	396.7	394.1	95.7	96.1	96.3	453.5	466.1	462.2
Philadelphia City	108.8	104.5	103.7	46.2	45.6	45.7	145.6	147.6	146.2
Pittsburgh	148.4	138.8	136.7	48.3	48.0	46.1	208.8	214.6	216.0

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		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
New Mexico	24.8	26.1	25.9	110.4	114.4	115.3	121.6	129.5	124.6
Albuquerque	12.6	13.5	13.4	54.1	56.3	55.9	41.3	42.8	42.3
Las Cruces	1.4	1.6	1.5	4.7	4.9	4.9	11.0	14.6	12.4
New York	711.4	720.0	726.1	1,982.1	2,024.0	2,056.1	1,309.9	1,357.3	1,335.4
Albany-Schenectady-Troy	18.7	19.3	19.3	86.6	88.5	89.7	101.0	105.5	101.3
Binghamton	3.7	3.7	3.7	21.9	21.8	22.1	18.2	20.7	18.3
Buffalo	22.5	22.8	23.0	96.7	101.3	99.3	73.0	71.5	71.1
Elmira	1.1	1.1	1.1	7.9	7.6	7.9	6.2	6.4	6.0
Glens Falls	1.9	1.9	1.9	11.0	10.4	11.7	7.7	8.9	8.1
Monroe County	17.9	17.7	18.0	78.3	81.1	81.2	37.2	40.1	37.5
Nassau-Suffolk	61.2	62.7	63.0	262.1	267.9	274.2	171.1	179.5	170.6
New York PMSA	532.4	538.1	542.5	1,139.1	1,159.5	1,172.0	624.3	631.7	637.5
New York City	504.8	510.4	514.6	1,004.9	1,024.7	1,035.6	546.7	549.8	557.9
Niagara Falls	1.9	1.9	1.9	14.6	14.6	14.4	12.7	12.1	12.6
Orange County	3.5	3.5	3.6	19.2	18.7	19.4	20.0	21.6	20.5
Poughkeepsie	3.5	3.6	3.6	22.6	22.2	22.7	23.9	24.0	23.8
Rochester	19.7	19.5	19.7	92.1	95.0	95.0	57.5	62.4	58.4
Rockland County	3.6	3.6	3.7	23.0	22.9	23.4	21.1	21.8	21.3
Syracuse	18.2	18.6	18.7	58.8	59.2	59.6	46.8	48.7	46.9
Utica-Rome	6.1	6.1	6.1	22.4	23.2	23.2	28.2	28.6	28.8
Westchester County	23.5	23.6	23.6	107.0	107.9	108.7	53.0	56.3	54.8
North Carolina	106.5	110.7	111.0	404.9	422.9	424.0	366.5	431.9	379.2
Asheville	2.4	2.6	2.8	17.3	17.5	18.3	10.0	11.8	10.6
Charlotte-Gastonia-Rock Hill	26.7	26.7	26.8	79.5	80.9	80.5	49.6	54.2	49.3
Greensboro-Winston-Salem-High Point	19.9	19.8	20.1	68.1	68.7	69.5	40.9	51.9	42.4
Raleigh-Durham	17.2	18.5	18.7	69.2	74.6	73.9	73.9	81.1	77.7
North Dakota	12.3	12.5	12.5	57.6	58.2	58.0	59.1	62.2	60.0
Bismarck	1.7	1.7	1.7	9.5	10.0	9.9	7.5	8.3	7.7
Fargo-Moorhead	4.1	4.3	4.4	16.3	16.8	16.8	10.9	12.5	11.9
Grand Forks	1.1	1.1	1.1	5.9	5.9	5.9	7.5	7.8	7.8
Ohio	214.0	221.1	222.1	918.2	964.1	964.1	616.0	662.0	629.9
Akron	9.3	9.6	9.7	54.0	56.3	56.9	36.1	37.5	36.8
Canton	6.3	6.5	6.5	31.9	32.4	32.5	16.7	17.2	16.4
Cincinnati	34.9	36.9	37.3	141.3	151.6	152.4	75.1	81.8	77.9
Cleveland	49.1	50.0	50.4	202.8	210.2	210.3	115.9	116.7	118.8
Columbus	47.3	49.5	50.2	129.5	137.4	139.2	102.1	114.8	106.4
Dayton-Springfield	16.3	16.6	16.8	89.3	93.3	93.2	67.6	69.5	67.3
Toledo	9.9	10.7	10.7	57.4	58.7	58.8	34.4	38.5	35.7
Youngstown-Warren	7.2	7.5	7.5	40.3	41.8	41.9	20.8	22.2	21.1
Oklahoma	65.5	66.4	66.4	223.2	225.9	223.9	238.5	249.1	242.5
Enid	1.3	1.3	1.3	5.4	5.5	5.4	3.4	3.4	3.3
Lawton	1.6	1.7	1.7	6.0	6.2	6.2	11.3	12.5	11.6
Oklahoma City	28.3	28.8	29.0	85.5	88.3	87.3	91.4	97.3	93.3
Tulsa	17.3	17.6	17.7	67.6	68.8	68.8	28.6	33.8	34.8
Oregon	66.7	68.8	69.6	206.5	211.3	211.0	178.2	205.2	179.4
Eugene-Springfield	4.6	4.5	4.6	19.8	20.6	20.4	18.3	22.2	18.3
Portland	41.4	42.2	42.5	113.0	117.8	116.9	69.1	75.9	67.9
Salem	5.3	5.3	5.3	15.6	16.1	16.2	24.8	28.5	25.5
Pennsylvania	257.1	265.5	266.3	1,110.1	1,171.2	1,178.0	658.1	673.2	659.6
Allentown-Bethlehem	10.6	10.8	10.8	54.7	59.1	59.2	27.0	29.2	27.8
Altoona	1.5	1.6	1.6	9.5	9.7	9.7	7.3	7.3	7.3
Beaver County	1.9	2.0	2.0	9.6	10.2	10.2	6.8	8.0	6.9
Delaware Valley	117.8	120.3	120.5	446.2	460.2	457.9	226.8	221.9	221.9
Erie	5.1	5.2	5.3	24.0	24.0	24.2	10.9	12.0	11.9
Harrisburg-Lebanon-Carlisle	14.6	15.6	15.6	53.5	55.3	55.9	62.4	63.9	63.1
Johnstown	4.2	4.5	4.6	17.5	18.1	18.4	11.8	13.4	12.9
Lancaster	5.7	6.1	6.1	30.3	31.6	31.7	13.1	13.7	12.8
Philadelphia PMSA	137.2	140.0	140.3	531.7	547.2	545.4	280.1	292.6	291.0
Philadelphia City	66.9	67.1	67.2	222.2	232.0	230.3	148.5	139.2	142.9
Pittsburgh	49.9	50.9	51.0	232.4	240.0	239.1	107.2	108.8	108.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P
Pennsylvania—Continued									
Reading	140.2	145.3	142.0	0.2	(¹)	(¹)	5.4	6.3	6.6
Scranton-Wilkes-Barre	270.5	276.0	274.8	.9	0.9	0.9	10.7	10.1	10.5
Sharon	39.8	40.1	39.5	.4	.4	.4	1.1	1.1	1.1
State College	46.5	48.0	48.8	.4	.3	.3	2.2	2.4	2.4
Williamsport	45.3	46.1	45.7	(¹)	(¹)	(¹)	1.3	1.3	1.4
York	157.9	162.8	161.4	.4	.4	.4	7.2	7.5	8.0
Rhode Island									
Pawtucket-Woonsocket-Attleboro	409.9	420.6	412.6	.1	.1	.1	14.2	13.9	14.2
Providence	119.3	123.0	121.2	.1	.1	.1	3.6	3.7	3.8
	286.3	292.8	286.0	.1	.1	.1	10.8	10.6	10.7
South Carolina									
Charleston	1,277.0	1,336.8	1,326.4	1.8	1.8	1.8	84.0	89.9	90.5
Columbia	166.1	176.2	174.7	(¹)	(¹)	(¹)	12.0	13.0	13.3
Greenville-Spartanburg	195.6	197.2	195.2	(¹)	(¹)	(¹)	13.2	12.3	12.4
	275.1	276.9	273.5	(¹)	(¹)	(¹)	19.2	18.8	18.7
South Dakota									
Sioux Falls	246.9	251.1	246.6	2.7	2.4	2.4	10.6	10.5	10.9
	60.2	63.4	63.5	(¹)	(¹)	(¹)	3.5	3.8	4.0
Tennessee									
Chattanooga	1,817.8	1,862.9	1,864.6	8.1	7.5	7.5	82.8	78.7	80.4
Johnson City-Kingsport-Bristol	173.0	179.3	180.1	1.1	1.2	1.2	7.8	7.8	7.8
Knoxville	149.0	150.8	150.2	.2	.2	.2	6.1	7.7	7.9
Memphis	228.7	229.3	227.8	2.0	1.8	1.7	11.0	9.8	9.9
Nashville	375.3	383.8	384.0	.2	.2	.2	16.6	16.4	17.0
	404.5	420.8	420.0	.6	.5	.5	24.2	24.4	24.1
Texas									
Abilene	6,440.7	6,603.2	6,599.5	271.4	269.0	269.0	437.4	446.4	447.7
Amarillo	51.6	53.2	52.8	4.1	4.0	4.0	3.0	3.0	3.0
Austin	80.0	81.0	80.5	1.9	1.6	1.6	4.9	5.2	5.2
Beaumont-Port Arthur	321.9	342.2	340.7	1.1	1.1	1.1	26.1	29.4	29.0
Brazoria	144.5	137.8	137.3	3.0	2.8	2.8	9.9	9.2	9.2
Brownsville-Harlingen	59.9	59.3	58.8	2.4	2.2	2.1	7.2	6.2	6.1
Bryan-College Station	62.8	64.6	63.7	.1	.1	.1	3.4	3.6	3.6
Corpus Christi	45.6	46.8	47.7	1.4	1.4	1.4	3.2	2.8	2.6
Dallas	132.6	136.0	135.6	7.8	7.5	7.4	10.5	12.5	12.2
El Paso	1,216.6	1,242.8	1,244.5	23.4	23.9	24.0	79.5	81.8	83.0
Ft. Worth-Arlington	169.6	175.2	173.2	.4	.4	.4	9.3	9.4	9.5
Galveston-Texas City	469.6	487.1	485.9	4.7	4.6	4.6	28.9	30.4	31.3
Houston	70.7	74.3	72.9	1.0	1.2	1.1	4.4	4.0	4.2
Killeen-Temple	1,456.5	1,495.9	1,493.1	96.0	98.0	97.9	118.0	110.9	110.7
Laredo	64.6	65.7	66.1	.1	.1	.1	3.8	3.9	4.2
Longview-Marshall	31.3	33.1	33.0	1.6	1.8	1.8	1.3	1.4	1.5
Lubbock	67.0	66.0	65.8	4.7	5.0	4.9	5.0	4.4	4.4
McAllen-Edinburg-Mission	88.5	91.4	92.1	.6	.5	.5	4.5	5.1	5.2
Midland	75.7	80.7	77.1	1.6	1.8	1.8	4.5	4.5	4.5
Odessa	51.6	52.3	52.1	13.0	11.9	11.8	2.7	2.8	2.7
San Angelo	53.4	53.8	54.1	8.8	8.2	8.4	3.7	3.9	4.1
San Antonio	37.7	38.5	38.2	.9	.9	.9	2.6	2.7	2.6
Sherman-Denison	459.1	473.8	473.2	3.4	3.5	3.5	35.4	37.2	36.9
Texarkana	36.8	37.1	37.0	.3	.3	.3	1.2	1.4	1.4
Tyler	44.4	46.2	46.6	.1	.1	.1	2.3	1.8	2.0
Victoria	59.0	62.4	62.1	3.4	3.3	3.4	2.9	3.4	3.4
Waco	29.5	29.8	29.9	3.1	2.9	2.9	2.5	3.0	3.0
Wichita Falls	76.3	77.4	76.5	.2	.2	.2	4.4	4.3	4.5
	51.2	51.8	51.2	3.4	3.2	3.2	1.9	2.2	2.2
Utah									
Provo-Orem	600.2	624.0	621.0	11.6	9.7	9.4	38.0	37.7	38.5
Salt Lake City-Ogden	66.4	70.8	70.4	.2	.2	.2	3.7	3.7	3.8
	416.5	432.1	431.2	3.9	2.3	2.3	24.8	25.1	25.6
Vermont									
Burlington	215.9	220.9	220.7	.5	.6	.5	13.6	14.0	15.1
Springfield	64.3	68.0	67.4	(¹)	(¹)	(¹)	3.9	3.9	4.2
	13.9	14.0	13.8	(¹)	(¹)	(¹)	1.5	1.6	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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
Pennsylvania-Continued									
Reading	51.8	50.8	49.2	5.6	6.0	5.8	29.1	30.9	30.8
Scranton-Wilkes-Barre	75.0	75.2	73.3	14.1	14.5	14.2	59.0	61.1	60.6
Sharon	11.0	10.2	10.3	2.0	2.1	2.0	9.5	9.9	10.1
State College	7.8	7.9	8.0	1.2	1.3	1.3	8.7	9.4	9.5
Williamsport	15.1	15.2	15.0	2.0	2.0	2.0	9.7	9.9	9.9
York	60.0	59.0	58.2	7.1	7.5	7.3	36.1	38.4	38.3
Rhode Island									
Pawtucket-Woonsocket-Attleboro	116.4	118.7	114.7	14.1	14.1	14.0	89.6	92.0	91.6
Providence	55.1	55.1	54.0	3.1	3.5	3.4	25.3	26.3	26.1
Providence	73.9	74.8	71.5	10.2	10.3	10.2	59.4	62.1	61.8
South Carolina									
Charleston	378.9	370.5	368.7	56.0	57.0	56.7	266.8	289.0	294.6
Columbia	20.0	20.2	19.8	8.6	9.4	9.4	41.3	43.5	43.7
Columbia	27.8	28.2	28.2	9.0	9.2	9.2	41.9	42.4	42.4
Greenville-Spartanburg	101.0	99.0	98.2	9.7	9.9	9.9	59.6	59.7	60.2
South Dakota									
Sioux Falls	28.8	26.2	26.2	12.0	12.4	12.4	66.6	67.2	67.2
Sioux Falls	9.1	8.2	8.3	4.7	4.8	4.8	16.8	16.7	16.7
Tennessee									
Chattanooga	502.1	490.7	485.3	90.1	91.8	91.5	421.1	446.9	453.3
Chattanooga	43.6	44.5	43.9	7.3	7.3	7.3	39.1	40.1	40.4
Johnson City-Kingsport-Bristol	54.3	53.9	52.9	6.3	6.0	6.0	31.0	30.4	31.1
Knoxville	51.0	49.4	49.2	8.6	8.9	8.9	53.6	56.2	56.3
Memphis	54.2	52.3	52.6	30.8	31.4	31.4	103.6	104.9	105.3
Nashville	86.2	86.3	85.3	21.5	25.6	25.4	98.7	101.7	102.0
Texas									
Abilene	1,002.4	1,002.0	1,000.7	373.2	377.8	378.4	1,618.6	1,647.6	1,650.5
Abilene	5.5	5.8	5.8	3.0	2.8	2.9	13.8	14.6	14.6
Amarillo	10.5	9.9	9.7	6.6	6.3	6.3	23.9	24.7	24.7
Austin	40.3	42.0	42.0	9.1	9.5	9.5	71.9	74.9	75.1
Beaumont-Port Arthur	31.6	28.0	27.5	12.0	11.7	11.5	34.5	33.6	34.0
Brazoria	17.4	16.7	16.6	2.7	2.5	2.5	11.2	11.2	11.3
Brownsville-Harlingen	10.9	10.3	10.2	3.2	3.3	3.3	17.9	18.2	18.5
Bryan-College Station	3.2	3.5	3.5	1.6	1.6	1.6	9.8	10.9	11.1
Corpus Christi	14.0	13.6	13.5	7.6	7.7	7.7	33.8	34.4	34.9
Dallas	224.1	223.3	223.1	75.8	77.0	77.4	323.7	327.5	328.0
El Paso	37.6	39.5	39.3	10.0	9.6	9.7	40.6	41.6	41.6
Ft. Worth-Arlington	108.8	110.4	110.4	23.8	24.2	24.3	130.7	132.5	133.1
Galveston-Texas City	10.3	9.9	10.4	6.1	6.0	5.8	14.4	14.3	14.6
Houston	176.3	174.5	175.2	100.4	103.8	104.5	368.5	371.1	371.0
Killeen-Temple	8.9	8.6	8.8	3.3	3.1	3.1	15.9	16.3	16.2
Laredo	1.9	1.9	1.9	3.3	3.7	3.7	9.6	10.1	10.1
Longview-Marshall	15.3	15.1	15.0	3.5	3.3	3.3	16.4	16.2	16.3
Lubbock	8.9	8.7	8.6	4.6	5.0	5.1	26.3	27.3	27.0
McAllen-Edinburg-Mission	10.3	11.2	10.7	2.6	2.8	2.8	23.7	25.2	23.6
Midland	3.6	3.4	3.3	2.6	2.5	2.5	12.3	12.6	12.7
Odessa	5.0	4.6	4.6	2.6	2.6	2.6	15.6	16.1	16.1
San Angelo	5.4	5.4	5.3	3.8	3.8	3.8	9.4	10.0	9.8
San Antonio	51.8	50.9	50.5	18.4	18.3	18.3	120.5	125.3	127.1
Sherman-Denison	12.4	12.0	11.9	2.1	2.1	2.1	7.9	8.1	8.1
Texarkana	7.4	7.5	7.7	1.9	1.8	1.9	10.7	12.0	11.9
Tyler	10.4	12.7	12.5	3.1	3.0	3.0	15.8	16.1	16.2
Victoria	3.0	3.0	3.0	1.7	1.5	1.5	8.0	8.3	8.3
Waco	16.4	15.7	15.8	3.6	3.7	3.7	18.9	19.5	19.3
Wichita Falls	9.4	9.2	9.1	2.6	2.6	2.6	12.4	12.6	12.7
Utah									
Provo-Orem	95.2	96.2	96.3	36.7	36.9	36.9	141.5	147.6	147.6
Provo-Orem	12.4	12.3	12.1	2.3	2.4	2.3	14.0	14.8	14.6
Salt Lake City-Ogden	63.8	65.0	65.0	28.8	28.6	28.7	103.5	107.6	107.8
Vermont									
Burlington	49.1	49.5	48.4	9.3	9.5	9.2	47.6	48.5	48.8
Burlington	16.3	17.2	17.1	2.7	2.7	2.6	14.4	15.3	15.3
Springfield	4.2	4.1	3.9	.6	.7	.6	2.4	2.4	2.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a
Pennsylvania-Continued									
Reading	6.8	7.3	7.3	27.1	28.2	27.7	14.2	15.6	14.4
Scranton-Wilkes-Barre	11.2	12.0	12.0	60.6	62.7	64.1	39.0	39.5	39.2
Sharon	1.3	1.3	1.4	9.7	10.1	9.5	4.8	5.0	4.7
State College	1.6	1.6	1.6	7.6	8.0	8.0	17.0	17.1	17.7
Williamsport	2.3	2.2	2.2	8.7	9.2	9.4	6.0	6.1	5.6
York	4.4	4.6	4.6	25.4	28.0	27.6	17.3	17.4	17.0
Rhode Island									
Pawtucket-Woonsocket-Attleboro	22.8	24.0	24.0	97.0	100.1	98.6	55.7	57.7	55.4
Providence	3.4	3.5	3.5	19.9	21.0	21.0	8.8	9.8	9.3
Providence	18.7	19.2	19.2	71.6	72.9	71.9	41.6	42.8	40.6
South Carolina									
Charleston	56.5	58.7	59.2	201.7	224.5	226.0	231.3	245.4	228.9
Columbia	7.9	9.4	9.4	30.1	31.7	31.8	46.3	48.9	47.0
Columbia	16.0	16.7	16.7	34.3	35.3	34.9	53.1	52.8	51.1
Greenville-Spartanburg	11.3	11.3	11.3	42.6	43.2	43.3	31.4	34.7	31.6
South Dakota									
Sioux Falls	13.2	13.8	13.7	59.8	59.7	59.4	53.1	58.9	54.3
Sioux Falls	5.1	6.1	6.1	15.0	16.0	16.1	6.1	7.8	7.5
Tennessee									
Chattanooga	87.9	91.4	92.3	346.1	364.4	366.6	279.7	291.5	287.7
Johnson City-Kingsport-Bristol	10.0	11.0	11.1	32.1	33.3	33.4	32.0	34.1	35.0
Knoxville	4.9	5.0	4.9	23.2	23.6	23.3	23.0	24.0	24.0
Memphis	9.2	9.3	9.4	48.8	49.4	49.4	44.5	44.5	43.0
Nashville	21.6	22.1	22.0	88.1	91.1	91.5	60.2	65.4	64.0
Nashville	28.9	30.0	30.4	86.5	91.9	91.4	57.8	60.4	60.9
Texas									
Abilene	418.0	428.7	429.1	1,265.0	1,321.0	1,322.0	1,054.7	1,110.7	1,102.1
Amarillo	2.7	2.7	2.7	12.0	12.4	12.4	7.5	7.9	7.4
Austin	4.3	4.5	4.5	15.6	15.9	16.0	12.3	12.9	12.5
Beaumont-Port Arthur	22.6	24.7	25.0	71.8	79.0	79.7	79.0	81.6	79.3
Brazoria	5.7	5.6	5.6	29.0	27.9	28.1	18.8	19.0	18.6
Brownsville-Harlingen	2.3	2.4	2.4	7.6	7.6	7.8	9.1	10.5	10.0
Bryan-College Station	3.2	3.4	3.4	11.7	12.0	11.9	12.4	13.7	12.7
Corpus Christi	1.9	2.0	2.0	7.3	7.5	7.6	17.2	17.1	17.9
Dallas	6.7	6.3	6.3	25.9	27.3	27.5	26.3	26.7	26.1
El Paso	114.5	118.4	118.9	254.2	260.4	261.3	121.4	130.5	128.8
Ft. Worth-Arlington	8.3	8.6	8.7	30.3	30.7	31.1	33.1	35.4	32.9
Galveston-Texas City	25.7	27.1	27.2	92.0	98.1	97.9	55.0	59.8	57.1
Houston	5.0	4.8	5.1	11.9	13.4	13.5	17.6	20.7	18.2
Killeen-Temple	109.5	117.4	117.8	322.6	341.8	342.0	165.2	178.4	174.0
Laredo	2.6	3.0	3.1	11.5	11.7	12.0	18.5	19.0	18.6
Longview-Marshall	1.5	1.6	1.6	4.9	5.0	5.1	7.2	7.6	7.3
Lubbock	2.9	3.0	3.1	11.2	10.7	11.0	8.0	8.3	7.8
McAllen-Edinburg-Mission	5.5	5.8	5.8	19.3	19.6	19.8	18.8	19.4	20.1
Midland	3.5	3.6	3.6	11.9	12.2	12.0	17.6	19.4	18.1
Odessa	3.6	3.5	3.5	8.3	9.1	9.0	5.5	6.5	6.6
San Angelo	2.2	2.1	2.1	7.8	8.3	8.2	7.7	8.0	8.0
San Antonio	1.6	1.8	1.8	7.8	7.6	7.6	6.2	6.3	6.4
Sherman-Denison	34.1	35.9	36.2	99.7	102.2	102.5	95.8	100.5	98.2
Texas	1.3	1.4	1.4	6.8	7.1	7.2	4.8	4.7	4.6
Tyler	1.7	1.7	1.7	8.5	8.8	8.7	11.8	12.5	12.6
Victoria	3.4	3.5	3.5	12.4	12.5	12.5	7.6	7.9	7.6
Waco	1.6	1.7	1.7	5.6	5.4	5.4	4.0	4.0	4.1
Wichita Falls	5.0	5.0	4.8	16.7	17.2	17.3	11.1	11.8	10.9
Wichita Falls	2.4	2.5	2.5	9.4	9.5	9.5	9.7	10.0	9.4
Utah									
Provo-Orem	30.1	31.2	31.0	120.8	129.5	130.1	126.3	135.4	131.2
Salt Lake City-Ogden	2.1	2.2	2.2	19.9	22.1	22.3	11.8	13.3	12.9
Salt Lake City-Ogden	24.6	25.1	24.9	83.9	90.0	90.6	83.3	88.5	86.4
Vermont									
Burlington	9.7	10.1	10.1	53.0	52.1	55.4	33.1	36.6	33.2
Springfield	2.8	2.8	2.8	15.0	15.8	16.2	9.2	10.3	9.2
Springfield .....	.3	.3	.3	3.3	3.2	3.2	1.6	1.7	1.6

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		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
Virginia	2,332.5	2,448.7	2,414.9	19.4	17.8	17.8	141.6	153.8	157.0
Bristol	27.7	29.3	28.8	.1	.1	.1	1.2	1.1	1.1
Charlottesville	58.7	63.2	58.1	.1	.1	.1	3.3	3.4	3.5
Danville	38.8	40.2	39.2	.1	.1	.1	1.5	1.7	1.7
Lynchburg	68.7	70.1	68.9	.1	.1	.1	2.8	2.8	2.9
Norfolk-Virginia Beach-Newport News	490.5	509.1	505.1	.1	.1	.1	31.8	32.6	33.2
Northern Virginia	569.9	618.7	619.5	.6	.4	.4	37.8	42.6	44.0
Richmond-Petersburg	381.2	393.8	390.9	.4	.4	.4	21.7	24.6	25.5
Roanoke	107.6	112.6	112.5	.1	.1	.1	5.9	6.5	6.7
Washington	1,639.9	1,704.0	1,682.9	2.8	2.8	2.8	81.8	83.2	86.7
Seattle	810.7	835.3	834.6	.5	.5	.5	40.2	40.4	41.8
West Virginia	604.2	593.9	595.4	51.7	45.2	45.1	24.4	25.1	25.8
Charleston	108.7	107.1	108.1	3.8	2.6	2.6	5.1	5.1	5.2
Huntington-Ashland	99.9	97.9	97.9	1.1	1.0	1.0	3.7	3.9	4.2
Parkersburg-Marietta	56.5	57.2	56.2	1.2	1.2	1.2	2.7	2.5	2.6
Wheeling	59.1	57.8	57.9	3.2	2.5	2.6	2.3	2.3	2.4
Wisconsin	1,949.7	2,014.5	1,990.8	2.1	2.1	2.2	64.4	64.7	67.2
Appleton-Oshkosh-Neenah	130.1	136.0	135.3	(¹)	(¹)	(¹)	5.7	6.5	6.8
Eau Claire	49.5	50.4	50.6	(¹)	(¹)	(¹)	1.4	1.4	1.5
Green Bay	86.1	88.4	87.3	(¹)	(¹)	(¹)	3.9	3.8	3.9
Janesville-Beloit	52.7	53.2	51.8	(¹)	(¹)	(¹)	1.6	1.3	1.3
Kenosha	40.0	38.5	37.5	(¹)	(¹)	(¹)	1.2	1.0	.9
La Crosse	45.5	47.1	46.4	(¹)	(¹)	(¹)	1.2	1.3	1.2
Madison	177.2	188.2	186.5	(¹)	(¹)	(¹)	6.2	7.1	7.6
Milwaukee	655.9	672.3	661.5	(¹)	(¹)	(¹)	19.8	20.1	20.6
Racine	67.4	67.9	66.9	(¹)	(¹)	(¹)	1.9	1.7	2.0
Sheboygan	44.8	43.9	43.9	(¹)	(¹)	(¹)	1.4	1.2	1.3
Wausau	41.5	42.0	41.8	(¹)	(¹)	(¹)	1.3	1.0	1.2
Wyoming	205.0	208.8	206.5	27.3	26.1	26.5	14.9	12.7	13.3
Puerto Rico	675.5	676.1	(¹)	.7	.6	(¹)	27.7	23.8	(¹)
Caguas	40.4	40.7	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Mayaguez	48.6	47.4	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Ponce	41.6	40.5	(¹)	.1	.1	(¹)	1.5	1.6	(¹)
San Juan	417.6	415.8	(¹)	.4	.3	(¹)	21.2	18.3	(¹)
Virgin Islands	37.0	36.0	36.6	(¹)	(¹)	(¹)	2.1	2.1	2.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a
Virginia	420.8	419.0	417.8	129.5	132.0	132.4	519.7	542.7	543.8
Bristol	9.5	10.2	9.9	1.1	1.2	1.2	6.7	6.9	6.9
Charlottesville	10.3	9.6	8.9	2.0	2.1	2.1	10.8	11.0	11.1
Danville	18.2	17.3	17.3	1.0	1.0	1.0	7.5	8.2	8.1
Lynchburg	26.2	25.3	25.2	3.1	3.2	3.2	12.5	13.4	13.5
Norfolk-Virginia Beach-Newport News	68.5	68.2	68.1	24.6	25.7	25.4	120.3	123.0	124.2
Northern Virginia	29.3	31.8	32.2	39.5	42.8	43.2	130.5	137.7	139.4
Richmond-Petersburg	64.0	63.4	63.0	21.4	21.4	21.3	91.1	92.9	92.7
Roanoke	21.0	20.6	20.7	8.5	8.2	8.3	27.3	28.8	29.0
Washington	286.9	290.7	292.5	92.1	91.6	93.1	408.1	422.2	422.0
Seattle	155.0	160.6	163.0	54.9	54.4	56.0	203.8	206.4	206.7
West Virginia	91.1	89.8	88.2	40.5	38.5	38.7	132.6	135.0	135.0
Charleston	13.2	13.8	13.8	9.1	8.8	8.8	28.0	28.0	27.9
Huntington-Ashland	21.3	20.1	19.8	8.6	8.0	8.0	25.2	25.5	25.2
Parkersburg-Marietta	14.7	14.3	13.8	2.2	2.1	2.1	13.7	13.9	13.9
Wheeling	8.2	8.0	8.1	3.5	3.2	3.3	15.0	14.9	14.8
Wisconsin	527.5	522.0	521.9	87.2	91.6	88.7	460.2	478.6	478.6
Appleton-Oshkosh-Neenah	47.5	48.3	47.9	4.4	4.6	4.4	27.9	30.0	30.4
Eau Claire	9.5	9.1	9.3	2.7	2.6	2.6	14.1	14.6	14.8
Green Bay	23.7	23.6	24.2	6.1	6.2	6.1	23.2	23.6	23.4
Janesville-Beloit	19.2	19.0	18.7	2.1	2.3	2.1	12.7	12.9	12.7
Kenosha	16.1	14.1	13.2	1.4	1.5	1.4	8.4	8.7	8.7
La Crosse	11.0	10.5	10.7	2.0	2.1	2.1	12.1	12.8	13.0
Madison	20.6	22.0	22.3	5.9	6.3	6.2	38.3	40.4	39.8
Milwaukee	174.1	170.9	167.8	32.4	33.6	32.5	146.8	152.0	152.0
Racine	25.8	25.3	24.9	2.1	2.2	2.2	14.9	15.4	15.3
Sheboygan	19.7	18.9	18.6	1.3	1.3	1.2	8.6	8.6	8.7
Wausau	11.4	11.9	12.0	2.1	2.1	2.0	10.7	10.6	10.8
Wyoming	8.5	8.4	8.4	16.3	15.4	15.4	46.8	43.9	44.2
Puerto Rico	149.7	148.5	(^b)	15.8	15.3	(^b)	111.6	113.3	(^b)
Caguas	13.3	13.6	(^b)	(^b)	(^b)	(^b)	7.5	7.8	(^b)
Mayaguez	19.5	19.2	(^b)	(^b)	(^b)	(^b)	6.1	6.0	(^b)
Ponce	8.2	8.1	(^b)	(^b)	(^b)	(^b)	6.3	6.3	(^b)
San Juan	65.6	68.7	(^b)	12.2	11.3	(^b)	78.8	77.9	(^b)
Virgin Islands	2.2	2.2	2.1	2.3	2.3	2.2	7.8	7.9	7.7

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		
	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P
Virginia	120.9	123.2	125.1	504.2	529.8	530.7	476.4	530.5	490.4
Bristol	1.1	1.1	1.1	3.6	4.0	4.1	4.5	4.8	4.4
Charlottesville	3.3	3.7	3.8	10.1	10.8	10.9	18.8	22.6	17.7
Danville	1.1	1.1	1.1	5.2	5.6	5.7	4.3	5.2	4.3
Lynchburg	3.2	3.1	3.1	12.6	12.8	12.5	8.2	9.3	8.4
Norfolk-Virginia Beach-Newport News	21.9	21.9	22.1	107.8	111.8	112.8	115.4	125.8	119.1
Northern Virginia	36.1	38.0	38.9	169.0	178.9	181.0	127.2	146.5	140.6
Richmond-Petersburg	29.7	30.3	31.1	73.0	74.0	74.7	80.0	86.8	82.2
Roanoke	6.5	6.6	6.6	24.5	26.4	26.5	13.8	15.3	14.6
Washington	95.8	97.2	97.8	351.8	368.3	367.6	320.6	348.0	320.4
Seattle	60.4	62.2	62.5	176.6	185.4	185.5	119.3	125.4	118.6
West Virginia	23.5	23.9	23.9	108.0	107.5	106.6	132.5	128.9	132.0
Charleston	5.6	5.9	5.8	22.4	22.3	22.3	21.5	20.7	21.7
Huntington-Ashland	4.0	3.9	3.8	16.6	16.5	16.6	19.5	19.1	19.3
Parkersburg-Marietta	2.1	2.2	2.2	11.0	11.6	11.1	9.0	9.3	9.2
Wheeling	2.9	3.0	3.0	14.5	14.3	14.3	9.5	9.5	9.5
Wisconsin	104.2	107.9	108.6	412.4	424.5	425.9	291.8	322.9	297.8
Appleton-Oshkosh-Neenah	6.3	6.7	6.7	23.2	23.9	23.9	14.9	16.0	15.1
Eau Claire	1.9	1.9	1.9	10.9	11.2	11.4	9.0	9.6	9.1
Green Bay	2.9	2.9	2.9	16.9	17.6	17.3	9.4	10.7	9.3
Janesville-Beloit	1.5	1.6	1.6	9.7	10.0	9.9	5.9	6.1	5.5
Kenosha .....	.9	.9	.9	7.0	6.9	7.0	5.1	5.3	5.3
La Crosse	1.4	1.4	1.4	11.9	12.4	12.4	5.8	6.6	5.8
Madison	14.3	15.6	15.9	36.6	38.9	38.5	55.1	57.7	56.0
Milwaukee	44.6	45.7	45.7	161.5	167.6	167.2	76.3	82.1	75.3
Racine	2.3	2.3	2.4	12.4	12.5	12.3	7.9	8.3	7.8
Sheboygan	1.8	1.9	1.9	6.9	6.9	7.1	5.1	5.1	5.0
Wausau	3.8	3.7	3.4	7.2	7.2	7.2	5.0	5.4	5.1
Wyoming	8.0	8.1	8.1	35.8	40.8	41.4	47.4	53.4	49.2
Puerto Rico	29.4	30.4	(¹)	86.4	88.3	(¹)	254.3	256.0	(¹)
Caguas	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	15.0	14.6	(¹)
Mayaguez	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	15.4	15.3	(¹)
Ponce	(¹)	(¹)	(¹)	7.6	7.0	(¹)	15.0	14.6	(¹)
San Juan	23.4	24.4	(¹)	65.9	64.9	(¹)	150.0	150.2	(¹)
Virgin Islands	1.7	1.8	1.8	6.0	6.4	6.3	14.9	13.3	14.2

¹ Not available.

^P = preliminary.

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

publication. All State and area data have been adjusted to March 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	35.3	8.33	294.05	43.3	11.63	503.58	37.7	12.12	456.92
Monthly data, not seasonally adjusted									
1984:									
August	35.5	\$8.30	\$294.65	43.5	\$11.62	\$505.47	38.4	\$12.10	\$464.64
September	35.4	8.43	298.42	44.0	11.72	515.68	38.5	12.24	471.24
October	35.1	8.40	294.84	43.2	11.58	500.26	38.0	12.23	464.74
November	35.1	8.43	295.89	43.5	11.63	505.91	37.3	12.10	451.33
December	35.5	8.46	300.33	44.1	11.70	515.97	37.6	12.26	460.98
1985:									
January	34.7	8.50	294.95	42.9	11.86	508.79	36.4	12.30	447.72
February	34.6	8.52	294.79	43.2	11.90	514.08	36.6	12.33	451.28
March	35.0	8.52	298.20	43.6	11.91	519.28	37.7	12.22	460.69
April	34.9	8.54	298.05	43.3	11.93	516.57	37.8	12.21	461.54
May	35.0	8.53	298.55	43.5	11.86	515.91	38.1	12.19	464.44
June	35.4	8.56	303.02	43.7	11.99	523.96	38.1	12.12	461.77
July ^p	35.3	8.54	301.46	42.8	11.87	508.04	38.6	12.16	469.38
August ^p	35.4	8.54	302.32	42.7	11.90	508.13	38.3	12.23	468.41

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	(²)	(²)	(²)	40.7	\$2.52	\$102.56
1965	41.2	2.61	2.50	107.53	41.3	\$3.03	\$125.14	40.8	2.61	106.49
1966	41.4	2.71	2.59	112.19	41.2	3.11	128.13	40.7	2.73	111.11
1967	40.6	2.82	2.71	114.49	40.5	3.23	130.82	40.3	2.88	116.06
1968	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.05	122.31
1969	40.6	3.19	3.05	129.51	40.7	3.63	147.74	40.2	3.23	129.85
1970	39.8	3.35	3.23	133.33	40.5	3.85	155.93	39.9	3.44	137.26
1971	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.5	3.65	144.18
1972	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.69
1973	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.3	4.08	160.34
1974	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.39	170.33
1975	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.7	4.73	183.05
1976	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.03	194.66
1977	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	209.13
1978	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	228.14
1979	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.93
1980	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.5	6.96	267.96
1981	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.56	291.06
1982	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.09	309.85
1983	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.55	329.18
1984	40.7	9.18	8.81	373.63	39.4	11.11	437.73	38.6	8.96	345.86
Monthly data, not seasonally adjusted										
1984:										
August	40.4	\$9.15	\$8.78	\$369.66	39.7	\$11.13	\$441.86	38.8	\$8.96	\$347.65
September	40.7	9.24	8.85	376.07	39.9	11.22	447.68	38.8	9.06	351.53
October	40.5	9.24	8.87	374.22	39.2	11.18	438.26	38.7	9.00	348.30
November	40.7	9.31	8.93	378.92	39.5	11.25	444.38	38.7	9.08	351.40
December	41.2	9.40	9.00	387.28	39.5	11.28	445.56	38.9	9.19	357.49
1985:										
January	40.3	9.43	9.07	380.03	38.9	11.26	438.01	38.4	9.16	351.74
February	39.7	9.43	9.07	374.37	39.1	11.27	440.66	38.2	9.22	352.20
March	40.4	9.45	9.09	381.78	39.3	11.24	441.73	38.5	9.19	353.82
April	40.1	9.48	9.13	380.15	39.2	11.27	441.78	38.4	9.24	354.82
May	40.3	9.48	9.13	382.04	39.3	11.24	441.73	38.7	9.24	357.59
June	40.6	9.50	9.13	385.70	39.7	11.32	449.40	38.9	9.28	360.99
July ^p	40.1	9.52	9.17	381.75	39.7	11.38	451.79	38.8	9.26	359.29
August ^p	40.4	9.50	9.12	383.80	40.0	11.38	455.20	38.7	9.23	357.20

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	(²)	(²)	(²)
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	30.0	5.88	176.40	36.5	7.62	278.13	32.8	7.64	250.59
Monthly data, not seasonally adjusted									
1984:									
August	30.6	\$5.82	\$178.09	36.4	\$7.57	\$275.55	33.0	\$7.56	\$249.48
September	30.0	5.88	176.40	36.6	7.76	284.02	32.8	7.72	253.22
October	29.7	5.88	174.64	36.5	7.67	279.96	32.7	7.71	252.12
November	29.7	5.93	176.12	36.4	7.71	280.64	32.7	7.77	254.08
December	30.5	5.89	179.65	36.7	7.78	285.53	32.9	7.84	257.94
1985:									
January	29.1	5.97	173.73	36.4	7.77	282.83	32.5	7.84	254.80
February	29.1	5.99	174.31	36.4	7.87	286.47	32.6	7.87	256.56
March	29.4	5.97	175.52	36.4	7.87	286.47	32.6	7.87	256.56
April	29.4	5.96	175.22	36.4	7.85	285.74	32.6	7.89	257.21
May	29.8	5.97	177.91	36.3	7.83	284.23	32.7	^c 7.88	^c 257.68
June	30.2	5.94	179.39	36.7	7.95	291.77	33.0	7.91	261.03
July ^p	30.4	5.94	180.58	36.4	7.87	286.47	33.0	7.86	259.38
August ^p	30.4	5.92	179.97	36.4	7.87	286.47	33.1	7.86	260.17

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.

^c = corrected.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 forward are subject to revision.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Total private		35.6	35.5	35.4	35.3	35.4					
Mining		43.0	43.5	43.7	42.8	42.7					
Metal mining	10	40.0	40.0	41.4	41.5						
Iron ores	101	39.6	39.0	41.5	42.4						
Copper ores	102	39.7	40.3	42.0	42.0						
Coal mining	11,12		41.5	42.5							
Bituminous coal and lignite mining	12		41.6	42.6							
Oil and gas extraction	13	44.3	44.1	44.1	44.1						
Crude petroleum, natural gas, and natural gas liquids	131,2	41.9	41.8	42.5	42.0						
Oil and gas field services	138	45.3	45.1	44.8	45.0						
Nonmetallic minerals, except fuels	14	45.6	45.8	45.2	45.8						
Crushed and broken stone	142	46.6	46.9	47.0	47.4						
Construction		38.5	38.4	38.1	38.6	38.3					
General building contractors	15	37.5	37.6	37.1	37.7						
Residential building construction	152	37.1	37.2	36.5	37.2						
Operative builders	153	38.7	38.7	39.0	40.1						
Nonresidential building construction	154	37.8	38.0	37.5	38.0						
Heavy construction contractors	16	42.9	42.6	42.3	43.2						
Highway and street construction	161	44.9	45.0	42.8	45.1						
Heavy construction, except highway	162	41.8	41.2	42.0	41.9						
Special trade contractors	17	37.5	37.4	37.1	37.6						
Plumbing, heating, and air conditioning	171	38.4	38.4	38.4	38.7						
Painting, paper hanging, and decorating	172	35.6	35.9	35.1	36.1						
Electrical work	173	39.2	39.1	39.0	39.1						
Masonry, stonework, and plastering	174	35.6	35.6	35.5	35.9						
Carpentering and flooring	175	34.5	34.9	35.1	35.3						
Roofing and sheet metal work	176	35.7	35.5	33.6	35.8						
Manufacturing		40.3	40.4	40.6	40.1	40.4	3.2	3.4	3.3	3.1	3.4
Durable goods		40.9	41.0	41.4	40.6	40.9	3.4	3.5	3.4	3.2	3.5
Lumber and wood products	24	39.5	40.0	40.8	39.6	40.0	3.2	3.4	3.6	3.4	
Logging camps and logging contractors	241	38.8	39.4	40.5	38.6	-	3.5	3.6	3.4	2.9	
Sawmills and planing mills	242	39.9	40.7	41.5	39.9		3.7	4.0	4.1	4.0	
Sawmills and planing mills, general	2421	40.0	40.9	41.9	40.1		3.9	4.3	4.4	4.4	
Hardwood dimension and flooring	2426	39.8	40.0	40.3	39.1		2.9	2.8	2.9	2.2	
Millwork, plywood, and structural members	243	39.8	40.3	41.3	40.1		3.1	3.4	3.7	3.6	
Millwork	2431	39.3	39.8	41.6	40.3		2.3	2.8	3.9	3.8	
Wood kitchen cabinets	2434	40.3	40.9	40.3	39.7		3.4	3.7	2.8	2.7	
Hardwood veneer and plywood	2435	39.4	39.7	40.9	39.7		3.0	3.0	2.9	3.1	
Softwood veneer and plywood	2436	39.6	40.8	42.3	40.6		3.9	4.2	5.2	4.6	
Wood containers	244	38.2	38.0	38.7	38.2		1.9	2.0	2.6	2.5	
Wood buildings and mobile homes	245	38.1	38.9	39.2	39.0		2.3	2.6	2.5	2.4	
Mobile homes	2451	38.2	38.9	39.1	38.9		2.0	2.4	2.3	2.2	
Miscellaneous wood products	249	40.3	40.4	40.6	40.1		2.8	2.8	3.2	3.1	
Furniture and fixtures	25	39.2	39.6	39.2	38.4	39.7	2.1	2.6	2.1	2.0	
Household furniture	251	38.4	38.8	38.4	37.4	-	1.6	2.1	1.8	1.4	
Wood household furniture	2511	38.9	39.2	38.5	37.5		2.0	2.5	1.8	1.3	
Upholstered household furniture	2512	37.0	38.0	37.2	36.0		.9	1.3	1.2	.8	
Metal household furniture	2514	39.0	38.7	40.2	40.0		1.6	1.9	2.6	2.7	
Mattresses and bedsprings	2515	38.1	39.0	39.1	39.2		1.8	2.1	2.1	2.8	
Office furniture	252	40.8	41.9	40.3	40.0		3.3	3.9	2.7	3.0	
Public building and related furniture	253	40.6	40.1	39.9	39.9		3.0	3.3	2.6	2.5	
Partitions and fixtures	254	40.2	40.4	40.6	39.9		3.2	3.1	3.0	3.3	
Miscellaneous furniture and fixtures	259	40.0	41.3	41.3	39.6		1.7	2.8	2.5	2.4	
Stone, clay, and glass products	32	42.2	42.2	42.5	42.3	42.2	5.0	5.1	5.0	5.2	
Flat glass	321	44.5	45.0	45.0	44.9	-	6.0	6.0	5.9	6.4	
Glass and glassware, pressed or blown	322	40.7	40.7	41.1	41.0		4.2	4.5	4.2	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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Total private		\$8.32	\$8.30	\$8.56	\$8.54	\$8.54	\$296.19	\$294.65	\$303.02	\$301.46	\$302.32
Mining		11.63	11.62	11.99	11.87	11.90	500.09	505.47	523.96	508.04	508.13
Metal mining	10	13.06	13.15	13.23	13.42		522.40	526.00	547.72	556.93	
Iron ores	101	12.96	13.03	12.40	12.71		513.22	508.17	514.60	538.90	
Copper ores	102	13.75	13.69	13.49	13.80		545.88	551.71	566.58	579.60	
Coal mining	11,12		14.91	15.30			591.07	618.77	650.25	581.39	
Bituminous coal and lignite mining	12		14.96	15.36			594.55	622.34	654.34	584.04	
Oil and gas extraction	13	10.66	10.65	11.05	10.99		472.24	469.67	487.31	484.66	
Crude petroleum, natural gas, and natural gas liquids	131,2	12.68	12.61	13.26	13.15		531.29	527.10	563.55	552.30	
Oil and gas field services	138	9.85	9.89	10.16	10.12		446.21	446.04	455.17	455.40	
Nonmetallic minerals, except fuels	14	9.86	9.89	10.10	10.11		449.62	452.96	456.52	463.04	
Crushed and broken stone	142	9.43	9.42	9.57	9.60		439.44	441.80	449.79	455.04	
Construction		12.06	12.10	12.12	12.16	12.23	464.31	464.64	461.77	469.38	468.41
General building contractors	15	10.86	10.90	10.97	11.09		407.25	409.84	406.99	418.09	
Residential building construction	152	10.21	10.18	10.32	10.41		378.79	378.70	376.68	387.25	
Operative builders	153	8.93	9.05	9.12	9.10		345.59	350.24	355.68	364.91	
Nonresidential building construction	154	11.69	11.75	11.77	11.92		441.88	446.50	441.38	452.96	
Heavy construction contractors	16	11.88	11.88	11.98	11.96		509.65	506.09	506.75	516.67	
Highway and street construction	161	11.06	11.16	11.22	11.45		496.59	502.20	480.22	516.40	
Heavy construction, except highway	162	12.38	12.34	12.43	12.30		517.48	508.41	522.06	515.37	
Special trade contractors	17	12.70	12.73	12.69	12.72		476.25	476.10	470.80	478.27	
Plumbing, heating, and air conditioning	171	12.74	12.76	12.94	12.91		489.22	489.98	496.90	499.62	
Painting, paper hanging, and decorating	172	11.70	11.79	11.81	12.01		416.52	423.26	414.53	433.56	
Electrical work	173	14.28	14.28	14.24	14.23		559.78	558.35	555.36	556.39	
Masonry, stonework, and plastering	174	12.62	12.69	12.94	12.93		449.27	451.76	459.37	464.19	
Carpentering and flooring	175	11.66	11.95	11.90	11.90		402.27	417.06	417.69	420.07	
Roofing and sheet metal work	176	11.25	11.26	11.32	11.31		401.63	399.73	380.35	404.90	
Manufacturing		9.19	9.15	9.50	9.52	9.50	370.36	369.66	385.70	381.75	383.80
Durable goods		9.73	9.70	10.08	10.10	10.09	397.96	397.70	417.31	410.06	412.68
Lumber and wood products	24	8.07	8.10	8.24	8.17	8.27	318.77	324.00	336.19	323.53	330.80
Logging camps and logging contractors	241	10.85	10.90	10.92	10.68	-	420.98	429.46	442.26	412.25	-
Sawmills and planing mills	242	8.45	8.43	8.64	8.56		337.16	343.10	358.56	341.54	
Sawmills and planing mills, general	2421	8.91	8.90	9.08	8.97		356.40	364.01	380.45	359.70	
Hardwood dimension and flooring	2426	5.90	5.83	6.21	6.30		234.82	233.20	250.26	246.33	
Millwork, plywood, and structural members	243	7.78	7.83	8.09	8.03		309.64	315.55	334.12	322.00	
Millwork	2431	8.01	8.00	8.37	8.24		314.79	318.40	348.19	332.07	
Wood kitchen cabinets	2434	6.96	7.14	7.24	7.14		280.49	292.03	291.77	283.46	
Hardwood veneer and plywood	2435	6.32	6.34	6.63	6.73		249.01	251.70	271.17	267.18	
Softwood veneer and plywood	2436	9.73	9.74	9.96	9.86		385.31	397.39	421.31	400.32	
Wood containers	244	5.63	5.66	5.80	5.78		215.07	215.08	224.46	220.80	
Wood buildings and mobile homes	245	7.06	7.07	7.27	7.25		268.99	275.02	284.98	282.75	
Mobile homes	2451	7.15	7.15	7.36	7.32		273.13	278.14	287.78	284.75	
Miscellaneous wood products	249	6.90	6.89	7.16	7.11		278.07	278.36	290.70	285.11	
Furniture and fixtures	25	6.87	6.88	7.18	7.20	7.22	269.30	272.45	281.46	276.48	286.63
Household furniture	251	6.30	6.33	6.57	6.55	-	241.92	245.60	252.29	244.97	-
Wood household furniture	2511	5.77	5.80	6.04	6.03		224.45	227.36	232.54	226.13	
Upholstered household furniture	2512	6.76	6.81	7.09	7.01		250.12	258.78	263.75	252.36	
Metal household furniture	2514	6.64	6.73	6.87	6.99		258.96	260.45	276.17	279.60	
Mattresses and bedsprings	2515	7.00	6.96	7.26	7.16		266.70	271.44	283.87	280.67	
Office furniture	252	7.56	7.62	8.09	8.06		308.45	319.28	326.03	322.40	
Public building and related furniture	253	7.53	7.45	7.70	7.76		305.72	298.75	307.23	309.62	
Partitions and fixtures	254	8.26	8.20	8.65	8.76		332.05	331.28	351.19	349.52	
Miscellaneous furniture and fixtures	259	7.27	7.30	7.56	7.55		290.80	301.49	312.23	298.98	
Stone, clay, and glass products	32	9.64	9.63	9.84	9.88	9.90	406.81	406.39	418.20	417.92	417.78
Flat glass	321	13.14	13.02	13.48	13.86	-	584.73	585.90	606.60	622.31	-
Glass and glassware, pressed or blown	322	10.56	10.59	10.84	10.87		429.79	431.01	445.52	445.67	

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	41.2	40.9	41.4	41.3		5.1	5.0	5.1	5.4	
Pressed and blown glass, nec	3229	40.0	40.5	40.7	40.5		3.1	3.9	3.1	3.0	
Products of purchased glass	323	41.3	41.6	41.0	40.6		3.6	4.2	3.3	3.3	
Cement, hydraulic	324	41.3	40.4	41.3	41.0		3.0	2.9	3.3	3.3	
Structural clay products	325	42.2	41.7	41.9	40.9		4.2	3.8	3.8	3.9	
Pottery and related products	326	38.8	39.0	39.4	38.3		2.0	2.3	2.2	2.2	
Concrete, gypsum, and plaster products	327	44.3	44.1	44.7	45.0		7.2	7.2	7.2	7.7	
Concrete block and brick	3271	44.4	44.2	46.4	45.6		7.4	7.2	7.7	7.8	
Concrete products, nec	3272	43.3	43.5	43.8	44.2		6.3	6.5	6.6	6.8	
Ready-mixed concrete	3273	44.7	44.2	44.3	44.9		7.8	7.6	7.4	8.1	
Misc. nonmetallic mineral products	329	41.6	41.8	41.5	40.7		4.1	4.1	3.7	3.8	
Abrasive products	3291	41.3	40.4	40.6	39.4		3.1	2.8	2.2	2.0	
Asbestos products	3292	41.9	42.4	42.8	41.7		3.4	3.6	3.8	4.1	
Primary metal industries											
Blast furnaces and basic steel products	331	40.3	39.3	41.6	41.6	41.4	3.1	2.7	3.1	3.4	
Blast furnaces and steel mills	3312	39.9	38.6	41.3	41.6	-	3.0	2.6	3.0	3.5	
Steel pipe and tubes	3317	41.6	41.1	43.5	41.5		3.9	3.1	4.6	3.6	
Iron and steel foundries	332	41.1	41.1	41.0	40.2		3.6	3.9	3.8	3.2	
Gray iron foundries	3321	40.9	41.0	41.4	40.5		3.8	4.2	4.4	3.9	
Malleable iron foundries	3322	40.5	40.9	38.4	38.0		2.9	3.1	1.9	1.4	
Steel foundries, nec	3325	40.7	41.1	40.0	38.9		3.0	3.2	2.4	1.8	
Primary nonferrous metals	333	42.2	41.8	41.9	41.4		3.8	3.6	3.6	3.5	
Primary aluminum	3334	42.8	42.4	41.9	41.8		3.9	3.7	3.7	3.7	
Nonferrous rolling and drawing	335	42.9	42.7	42.8	41.9		5.6	5.8	5.1	4.8	
Copper rolling and drawing	3351	43.7	43.3	42.4	41.6		4.9	5.2	4.0	3.9	
Aluminum sheet, plate, and foil	3353	42.0	41.6	41.6	41.4		5.8	6.5	5.2	5.4	
Nonferrous wire drawing and insulating	3357	42.9	42.7	42.7	41.6		6.0	6.0	5.3	4.7	
Nonferrous foundries	336	41.5	41.6	42.0	40.7		3.8	3.9	3.5	3.3	
Aluminum foundries	3361	42.1	41.8	42.7	41.0	-	4.1	4.1	4.1	3.9	
Fabricated metal products											
Metal cans and shipping containers	341	44.1	44.0	44.6	44.6	-	6.0	6.4	6.0	6.1	
Metal cans	3411	44.1	44.2	44.9	45.0		5.8	6.6	6.3	6.3	
Cutlery, hand tools, and hardware	342	40.0	40.4	40.3	40.1		2.8	3.1	2.6	2.9	
Hand and edge tools, and hand saws and blades	3423,5	39.3	40.0	39.9	39.1		2.0	2.4	1.5	1.6	
Hardware, nec	3429	40.2	40.4	40.1	40.5		3.2	3.6	3.0	3.7	
Plumbing and heating, except electric	343	38.5	39.0	40.0	38.5		1.6	2.0	2.2	1.7	
Plumbing fittings and brass goods	3432	39.4	38.6	41.0	40.0	-	1.9	1.5	2.3	1.9	
Heating equipment, except electric	3433	38.2	40.0	38.9	36.8		1.3	2.4	2.0	1.4	
Fabricated structural metal products	344	40.8	41.0	41.3	40.8		3.2	3.4	3.4	3.4	
Fabricated structural metal	3441	41.5	41.6	42.5	42.9		3.8	4.4	4.2	4.3	
Metal doors, sash, and trim	3442	40.5	40.6	41.2	40.6		3.1	2.7	3.0	3.2	
Fabricated plate work (boiler shops)	3443	40.9	41.3	42.0	40.7		2.8	3.2	3.5	3.2	
Sheet metal work	3444	39.8	40.1	40.2	39.7		3.1	3.4	2.9	2.9	
Architectural metal work	3446	41.4	40.4	39.8	38.7		2.8	2.7	2.6	3.0	
Screw machine products, bolts, etc	345	42.2	42.5	42.4	41.4		4.3	4.5	4.3	3.9	
Screw machine products	3451	41.8	41.8	41.6	41.2		4.1	3.9	3.6	3.3	
Bolts, nuts, rivets, and washers	3452	42.7	43.2	43.1	41.6		4.5	5.1	5.0	4.4	
Metal forgings and stampings	346	41.2	41.5	42.7	41.5		4.0	4.0	4.4	3.8	
Iron and steel forgings	3462	40.5	41.8	42.1	41.1		3.3	4.1	3.8	3.1	
Automotive stampings	3465	42.3	42.4	44.7	43.1		5.0	4.5	6.1	5.2	
Metal stampings, nec	3469	40.2	40.5	40.8	39.8		3.1	3.4	2.8	2.5	
Metal services, nec	347	40.5	40.4	41.0	40.2		3.5	3.5	3.5	3.1	
Plating and polishing	3471	40.3	40.1	40.1	39.7		3.3	3.3	2.9	2.9	
Metal coating and allied services	3479	40.9	41.1	43.0	41.2		3.8	4.1	4.7	3.7	
Ordnance and accessories, nec	348	40.3	40.1	41.4	40.8		2.4	2.5	2.9	2.9	
Ammunition, except for small arms, nec	3483	39.3	39.7	41.0	40.1		1.4	1.7	2.6	2.1	
Misc. fabricated metal products	349	40.2	40.6	40.7	39.6		2.5	2.8	2.7	2.3	
Valves and pipe fittings	3494	40.3	40.9	40.6	39.5		2.7	3.0	2.8	2.5	
Misc. fabricated wire products	3496	40.3	39.8	40.7	39.7		2.4	2.3	2.5	2.1	
Machinery, except electrical											
Engines and turbines	351	43.2	41.5	40.7	41.7	-	3.9	4.0	3.2	2.8	
Turbines and turbine generator sets	3511	39.8	39.9	39.2	38.9		3.5	3.6	3.3	3.4	
Internal combustion engines, nec	3519	44.3	42.0	41.2	42.8		4.0	4.2	3.1	2.6	
Farm and garden machinery	352	39.5	39.1	40.3	38.8		2.1	1.9	2.4	2.3	
Farm machinery and equipment	3523	39.5	39.7	40.3	38.6		2.3	2.1	2.4	2.3	

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^P	Aug. 1985 ^P	July 1984	Aug. 1984	June 1985	July 1985 ^P	Aug. 1985 ^P
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	\$11.10	\$11.10	\$11.28	\$11.31		\$457.32	\$453.99	\$466.99	\$467.10	
Pressed and blown glass, nec	3229	9.86	9.93	10.29	10.26		394.40	402.17	418.80	415.53	
Products of purchased glass	323	8.08	8.19	8.42	8.46		333.70	340.70	345.22	343.48	
Cement, hydraulic	324	13.47	13.29	13.28	13.20		556.31	536.92	548.46	541.20	
Structural clay products	325	7.78	7.73	7.96	7.96		328.32	322.34	333.52	325.56	
Pottery and related products	326	8.18	8.05	8.69	8.72		317.38	313.95	342.39	333.98	
Concrete, gypsum, and plaster products	327	9.58	9.54	9.62	9.66		424.39	420.71	430.01	434.70	
Concrete block and brick	3271	8.10	8.16	8.27	8.23		359.64	360.67	383.73	375.29	
Concrete products, nec	3272	8.44	8.39	8.45	8.50		365.45	364.97	370.11	375.70	
Ready-mixed concrete	3273	10.55	10.53	10.59	10.66		471.59	465.43	469.14	478.63	
Misc. nonmetallic mineral products	329	9.50	9.55	9.99	10.02		395.20	399.19	414.59	407.81	
Abrasive products	3291	9.16	9.08	9.21	9.31		378.31	366.83	373.93	366.81	
Asbestos products	3292	9.57	9.74	9.95	10.14		400.98	412.98	425.86	422.84	
Primary metal industries	33	11.49	11.38	11.65	11.79	\$11.61	474.54	464.30	486.97	485.75	\$480.65
Blast furnaces and basic steel products	331	13.03	12.90	13.29	13.51	13.29	525.11	506.97	552.86	562.02	552.86
Blast furnaces and steel mills	3312	13.58	13.45	13.87	14.14	-	541.84	519.17	572.83	588.22	-
Steel pipe and tubes	3317	10.61	10.60	10.99	10.73		441.38	435.66	478.07	445.30	
Iron and steel foundries	332	10.06	10.07	10.61	10.50		413.47	413.88	435.01	422.10	
Gray iron foundries	3321	10.38	10.41	11.10	10.95		424.54	426.81	459.54	443.48	
Malleable iron foundries	3322	10.87	10.74	11.08	10.91		440.24	439.27	425.47	414.58	
Steel foundries, nec	3325	9.48	9.44	9.77	9.79		385.84	387.98	390.80	380.83	
Primary nonferrous metals	333	13.34	13.50	13.66	13.82		562.95	564.30	572.35	572.15	
Primary aluminum	3334	13.84	13.89	14.08	14.22		592.35	588.94	589.95	594.40	
Nonferrous rolling and drawing	335	11.02	10.93	10.98	11.10		472.76	466.71	469.94	465.09	
Copper rolling and drawing	3351	9.89	9.97	9.90	9.80		432.19	431.70	419.76	407.68	
Aluminum sheet, plate, and foil	3353	14.01	13.83	13.70	14.05		588.42	575.33	569.92	581.67	
Nonferrous wire drawing and insulating	3357	10.65	10.53	10.78	10.96		456.89	449.63	460.31	455.94	
Nonferrous foundries	336	9.13	9.12	9.18	9.26		378.90	379.39	385.56	376.88	
Aluminum foundries	3361	9.34	9.37	9.33	9.45		393.21	391.67	398.39	387.45	
Fabricated metal products	34	9.35	9.33	9.65	9.67	9.64	381.48	382.53	400.48	394.54	395.24
Metal cans and shipping containers	341	12.60	12.75	13.08	13.13	-	555.66	561.00	583.37	585.60	-
Metal cans	3411	13.23	13.43	13.85	13.85		583.44	593.61	621.87	623.25	
Cutlery, hand tools, and hardware	342	9.30	9.31	9.67	9.83		372.00	376.12	389.70	394.18	
Hand and edge tools, and hand saws and blades	3423,5	8.50	8.54	8.72	8.77		334.05	341.60	347.93	342.91	
Hardware, nec	3429	9.69	9.74	10.17	10.35		389.54	393.50	407.82	419.18	
Plumbing and heating, except electric	343	8.33	8.41	8.58	8.61		320.71	327.99	343.20	331.49	
Plumbing fittings and brass goods	3432	7.99	8.02	8.18	8.24		314.81	309.57	335.38	329.60	
Heating equipment, except electric	3433	8.27	8.41	8.58	8.42		315.91	336.40	333.76	309.86	
Fabricated structural metal products	344	8.85	8.83	8.97	8.98		361.08	362.03	370.46	366.38	
Fabricated structural metal	3441	9.49	9.44	9.38	9.42		393.84	392.70	398.65	404.12	
Metal doors, sash, and trim	3442	7.13	7.08	7.32	7.29		288.77	287.45	301.58	295.97	
Fabricated plate work (boiler shops)	3443	9.83	9.80	10.08	10.07		402.05	404.74	423.36	409.85	
Sheet metal work	3444	9.09	9.12	9.32	9.38		361.78	365.71	374.66	372.39	
Architectural metal work	3446	8.89	8.88	8.47	8.43		368.05	358.75	337.11	326.24	
Screw machine products, bolts, etc	345	8.77	8.83	9.08	9.08		370.09	375.28	384.99	375.91	
Screw machine products	3451	8.10	8.13	8.55	8.56		338.58	339.83	355.68	352.67	
Bolts, nuts, rivets, and washers	3452	9.46	9.52	9.59	9.59		403.94	411.26	413.33	398.94	
Metal forgings and stampings	346	10.85	10.71	11.49	11.45		447.02	444.47	490.62	475.18	
Iron and steel forgings	3462	11.77	11.85	12.28	12.15		476.69	495.33	516.99	499.37	
Automotive stampings	3465	12.74	12.57	13.55	13.51		538.90	532.97	605.69	582.28	
Metal stampings, nec	3469	8.40	8.33	8.67	8.70		337.68	337.37	353.74	346.26	
Metal services, nec	347	7.57	7.51	7.75	7.76		306.59	303.40	317.75	311.95	
Plating and polishing	3471	7.45	7.38	7.58	7.62		300.24	295.94	303.96	302.51	
Metal coating and allied services	3479	7.83	7.82	8.10	8.04		320.25	321.40	348.30	331.25	
Ordnance and accessories, nec	348	9.94	9.89	10.24	10.30		400.58	396.59	423.94	420.24	
Ammunition, except for small arms, nec	3483	9.55	9.49	10.04	9.99		375.32	376.75	411.64	400.60	
Misc. fabricated metal products	349	8.71	8.75	8.89	8.91		350.14	355.25	361.82	352.84	
Valves and pipe fittings	3494	9.33	9.37	9.48	9.50		376.00	383.23	384.89	375.25	
Misc. fabricated wire products	3496	7.97	7.92	8.03	8.14		321.19	315.22	326.82	323.16	
Machinery, except electrical	35	9.96	9.93	10.28	10.32	10.31	412.34	412.10	427.65	421.06	422.71
Engines and turbines	351	13.06	12.88	12.99	13.05	-	564.19	534.52	528.69	544.19	-
Turbines and turbine generator sets	3511	12.22	12.39	12.43	12.57		486.36	494.36	487.26	488.97	
Internal combustion engines, nec	3519	13.31	13.04	13.19	13.22		589.63	547.68	543.43	565.82	
Farm and garden machinery	352	9.74	9.80	10.02	10.20		384.73	383.18	403.81	395.76	
Farm machinery and equipment	3523	10.25	10.18	10.97	10.90		404.88	404.15	442.09	420.74	

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	40.4	41.3	42.2	41.1		2.7	2.9	2.9	2.5	
Construction machinery	3531	40.6	41.7	41.9	40.7		2.1	2.5	2.3	1.9	
Mining machinery	3532	38.8	40.4	41.2	40.4		2.3	2.8	2.9	2.4	
Oil field machinery	3533	40.1	41.7	42.9	42.0		2.8	3.2	3.4	3.4	
Conveyors and conveying equipment	3535	41.5	40.5	42.0	41.1		4.6	3.7	3.6	3.2	
Industrial trucks and tractors	3537	40.2	40.6	41.2	39.8		3.4	3.3	2.8	2.2	
Metalworking machinery	354	42.3	42.5	42.5	41.8		4.5	4.6	4.4	4.1	
Machine tools, metal cutting types	3541	42.2	42.4	42.5	42.3		3.7	4.0	4.0	3.8	
Machine tools, metal forming types	3542	41.7	41.9	42.0	41.5		4.2	3.9	4.0	4.7	
Special dies, tools, jigs, and fixtures	3544	42.9	43.4	43.1	42.6		5.2	5.5	5.3	4.9	
Machine tool accessories	3545	41.5	41.7	42.2	40.9		3.9	3.9	3.7	3.2	
Power driven hand tools	3546	41.1	41.2	39.5	39.1		4.1	4.1	2.3	2.2	
Special industry machinery	355	41.2	41.2	41.8	40.5		3.3	3.3	3.5	3.0	
Food products machinery	3551	41.3	41.6	42.0	40.6		2.8	2.9	2.9	2.5	
Textile machinery	3552	40.8	41.0	41.1	41.0		2.1	2.5	2.4	2.4	-
Printing trades machinery	3555	41.5	41.1	41.5	40.2		3.4	3.3	3.6	3.0	
General industrial machinery	356	41.1	41.5	41.3	40.4		3.4	3.6	3.0	2.8	
Pumps and pumping equipment	3561	40.5	40.9	40.2	39.3		3.3	3.2	2.2	2.4	
Ball and roller bearings	3562	42.2	43.4	42.9	42.1		4.1	4.8	4.2	3.9	
Air and gas compressors	3563	39.4	40.3	41.6	40.1		2.6	2.8	3.4	3.0	
Blowers and fans	3564	41.2	40.4	40.7	40.4		2.6	2.8	2.1	1.8	
Speed changers, drives, and gears	3566	40.0	41.3	40.4	39.6		3.7	4.4	2.8	2.7	
Power transmission equipment, nec	3568	40.4	40.6	40.4	40.2		3.3	3.1	2.9	2.4	
Office and computing machines	357	41.2	41.8	41.4	40.7		2.7	2.9	2.5	1.6	
Electronic computing equipment	3573	41.3	41.7	41.4	40.8		2.9	2.9	2.4	1.5	-
Refrigeration and service machinery	358	41.8	41.1	41.4	40.3		4.2	3.8	3.2	3.3	
Refrigeration and heating equipment	3585	42.5	41.4	41.9	41.1		4.6	4.0	3.6	3.9	
Misc. machinery, except electrical	359	41.3	41.6	41.4	40.5		3.8	3.9	3.9	3.4	-
Carburetors, pistons, rings, and valves	3592	40.1	42.1	41.7	39.4		3.5	3.8	4.1	3.5	
Machinery, except electrical, nec	3599	41.5	41.5	41.4	40.7		3.9	3.9	3.8	3.4	
Electrical and electronic equipment	36	40.4	40.7	40.7	39.8	40.2	2.8	3.0	2.5	2.3	
Electric distributing equipment	361	40.2	40.6	40.9	40.1	-	2.6	2.9	2.8	2.7	
Transformers	3612	41.0	41.4	41.8	40.8		2.9	3.2	3.1	2.8	
Switchgear and switchboard apparatus	3613	39.6	40.0	40.1	39.5		2.3	2.6	2.5	2.5	
Electrical industrial apparatus	362	40.9	40.7	40.4	40.2		3.1	3.0	2.5	2.7	
Motors and generators	3621	41.4	40.7	40.8	41.0		3.4	3.1	3.0	3.3	
Industrial controls	3622	39.1	40.3	39.3	38.1		2.2	2.6	1.7	1.5	
Household appliances	363	39.4	39.9	39.8	39.6		2.3	2.2	2.1	2.2	
Household refrigerators and freezers	3632	39.5	41.9	40.6	41.4		2.2	2.4	2.6	3.5	
Household laundry equipment	3633	40.3	39.3	39.6	39.4		2.0	1.2	1.2	1.2	
Electric housewares and fans	3634	38.0	39.1	39.0	37.9		2.2	2.3	1.7	1.5	
Electric lighting and wiring equipment	364	39.9	40.4	40.0	39.0		2.6	2.8	2.4	2.0	
Electric lamps	3641	40.4	41.2	39.4	38.7		2.3	2.7	2.0	1.7	
Current-carrying wiring devices	3643	40.3	40.7	40.0	39.0		2.9	3.2	2.4	1.9	
Noncurrent-carrying wiring devices	3644	39.7	41.1	41.1	40.1		2.2	2.6	1.9	1.7	
Residential lighting fixtures	3645	38.0	38.0	37.7	37.6		1.3	1.7	.8	.7	
Radio and TV receiving equipment	365	39.2	39.8	39.6	37.8		2.3	3.1	2.7	2.8	
Radio and TV receiving sets	3651	39.4	39.3	39.5	37.5		2.4	2.6	2.7	2.9	
Communication equipment	366	40.6	41.0	41.2	40.4		2.5	2.6	2.5	2.2	
Telephone and telegraph apparatus	3661	40.1	40.7	40.7	39.4		2.3	2.7	2.4	1.9	
Radio and TV communication equipment	3662	40.9	41.1	41.4	40.8		2.5	2.5	2.5	2.3	
Electronic components and accessories	367	41.0	40.9	41.1	39.7		3.5	3.4	2.6	2.1	
Electronic tubes	3671-3	41.1	41.2	41.8	40.1		2.3	2.3	2.1	1.4	
Semiconductors and related devices	3674	42.2	41.7	42.2	40.2		4.4	4.2	2.8	2.2	
Electronic components, nec	3679	40.8	40.7	40.9	39.7		3.5	3.5	2.9	2.4	
Misc. electrical equipment and supplies	369	40.1	41.2	41.1	39.7		2.7	3.4	2.6	2.3	
Storage batteries	3691	39.2	41.3	41.7	40.1		1.6	3.1	2.2	2.4	
Engine electrical equipment	3694	40.3	41.2	41.7	40.0		3.2	3.9	3.7	2.8	

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		July 1984	Aug. 1984	June 1985	July 1985 ^a	Aug. 1985 ^a	July 1984	Aug. 1984	June 1985	July 1985 ^a	Aug. 1985 ^a
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	\$10.66	\$10.60	\$10.92	\$10.94		\$430.66	\$437.78	\$460.82	\$449.63	
Construction machinery	3531	11.53	11.53	11.88	11.90		468.12	480.80	497.77	484.33	
Mining machinery	3532	11.73	11.17	11.40	11.56		455.12	451.27	469.68	467.02	
Oil field machinery	3533	10.59	10.54	11.15	11.17		424.66	439.52	478.34	469.14	
Conveyors and conveying equipment	3535	9.81	9.85	9.85	9.67		407.12	398.93	413.70	397.44	
Industrial trucks and tractors	3537	9.08	9.08	9.35	9.18		365.02	368.65	385.22	365.36	
Metalworking machinery	354	10.13	10.13	10.52	10.51		428.50	430.53	447.10	439.32	
Machine tools, metal cutting types	3541	10.24	10.25	10.56	10.54		432.13	434.60	448.80	445.84	
Machine tools, metal forming types	3542	10.62	10.54	10.96	11.09		442.85	441.63	460.32	460.24	
Special dies, tools, jigs, and fixtures	3544	10.67	10.75	11.20	11.20		457.74	466.55	482.72	477.12	
Machine-tool accessories	3545	9.28	9.18	9.44	9.46		385.12	382.81	398.37	386.91	
Power driven hand tools	3546	8.14	8.17	8.29	8.25		334.55	336.60	327.46	322.58	
Special industry machinery	355	9.74	9.68	10.17	10.13		401.29	398.82	425.11	410.27	
Food products machinery	3551	10.13	10.15	10.45	10.43		418.37	422.24	438.90	423.46	
Textile machinery	3552	7.67	7.64	7.98	8.04		312.94	313.24	327.98	329.64	
Printing trades machinery	3555	9.93	9.70	10.42	10.41		412.10	398.67	432.43	418.48	
General industrial machinery	356	9.73	9.76	10.05	10.09		399.90	405.04	415.07	407.64	
Pumps and pumping equipment	3561	10.30	10.37	10.61	10.73		417.15	424.13	426.52	421.69	
Ball and roller bearings	3562	10.00	9.98	10.29	10.30		422.00	433.13	441.44	433.63	
Air and gas compressors	3563	9.89	9.87	10.44	10.68		389.67	397.76	434.30	428.27	
Blowers and fans	3564	8.77	8.84	8.80	8.73		361.32	357.14	358.16	352.69	
Speed changers, drives, and gears	3566	10.28	10.36	10.41	10.42		411.20	427.87	420.56	412.63	
Power transmission equipment, nec	3568	9.77	9.84	10.12	10.04		394.71	399.50	408.85	403.61	
Office and computing machines	357	8.97	8.94	9.42	9.52		369.56	373.69	389.99	387.46	
Electronic computing equipment	3573	8.94	8.89	9.38	9.51		369.22	370.71	388.33	388.01	
Refrigeration and service machinery	358	9.78	9.65	10.02	10.05		408.80	396.62	414.83	405.02	
Refrigeration and heating equipment	3585	10.12	9.95	10.36	10.45		430.10	411.93	434.08	429.50	
Misc. machinery, except electrical	359	9.66	9.68	9.95	9.91		398.96	402.69	411.93	401.36	
Carburetors, pistons, rings, and valves	3592	11.69	11.61	12.41	12.40		468.77	488.78	517.50	488.56	
Machinery, except electrical, nec	3599	9.35	9.37	9.57	9.55		388.03	388.86	396.20	388.69	
Electrical and electronic equipment	36	9.00	9.05	9.46	9.47	\$9.52	363.60	368.34	385.02	376.91	\$382.70
Electric distributing equipment	361	8.74	8.84	8.78	8.73	-	351.35	358.90	359.10	350.07	-
Transformers	3612	8.73	8.84	8.72	8.68		357.93	365.98	364.50	354.14	
Switchgear and switchboard apparatus	3613	8.75	8.83	8.85	8.77		346.50	353.20	354.89	346.42	
Electrical industrial apparatus	362	9.12	9.14	9.51	9.50		373.01	372.00	384.20	381.90	
Motors and generators	3621	9.12	9.13	9.48	9.46		377.57	371.59	386.78	387.86	
Industrial controls	3622	8.94	8.95	9.18	9.25		349.55	360.69	360.77	352.43	
Household appliances	363	9.06	8.97	9.23	9.33		356.96	357.90	367.35	369.47	
Household refrigerators and freezers	3632	10.25	10.36	10.33	10.37		404.88	434.08	419.40	429.32	
Household laundry equipment	3633	10.50	10.61	10.83	10.84		423.15	416.97	428.87	427.10	
Electric housewares and fans	3634	6.84	6.76	7.05	7.00		259.92	264.32	274.95	265.30	
Electric lighting and wiring equipment	364	8.39	8.41	8.69	8.78		334.76	339.76	347.60	342.42	
Electric lamps	3641	9.54	9.61	9.90	9.93		385.42	395.93	390.06	384.29	
Current-carrying wiring devices	3643	7.86	7.91	8.01	8.05		316.76	321.94	320.40	313.95	
Noncurrent-carrying wiring devices	3644	8.83	8.79	8.98	9.40		350.55	361.27	369.08	376.94	-
Residential lighting fixtures	3645	6.53	6.54	6.67	6.71		248.14	248.52	251.46	252.30	
Radio and TV receiving equipment	365	8.72	8.87	9.33	9.54		341.82	353.03	369.47	360.61	
Radio and TV receiving sets	3651	9.00	9.02	9.67	9.91		354.60	354.49	381.97	371.63	
Communication equipment	366	10.67	10.83	11.22	11.18		433.20	444.03	462.26	451.67	
Telephone and telegraph apparatus	3661	10.43	10.77	10.69	10.64		418.24	438.34	435.08	419.22	-
Radio and TV communication equipment	3662	10.79	10.86	11.45	11.41		441.31	446.35	474.03	465.53	
Electronic components and accessories	367	7.84	7.87	8.34	8.28		321.44	321.88	342.77	328.72	
Electronic tubes	3671-3	9.97	10.02	10.55	10.41		409.77	412.82	440.99	417.44	
Semiconductors and related devices	3674	9.15	9.23	9.79	9.59		386.13	384.89	413.14	385.52	-
Electronic components, nec	3679	7.20	7.21	7.60	7.62		293.76	293.45	310.84	302.51	
Misc. electrical equipment and supplies	369	9.98	9.97	10.29	10.25		400.20	410.76	422.92	406.93	
Storage batteries	3691	10.31	10.53	10.45	10.54		404.15	434.89	435.77	422.65	
Engine electrical equipment	3694	10.66	10.66	11.08	10.88		429.60	439.19	462.04	435.20	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Durable goods—Continued											
Transportation equipment	37	41.9	41.7	42.6	42.0	42.2	4.2	4.3	4.7	4.3	
Motor vehicles and equipment	371	42.6	42.3	43.3	42.9	43.0	4.8	5.0	5.2	4.9	
Motor vehicles and car bodies	3711	42.4	41.2	43.0	43.1	-	4.7	4.7	5.2	5.2	
Truck and bus bodies	3713	41.2	41.0	41.9	42.0		3.4	3.6	4.4	4.3	
Motor vehicle parts and accessories	3714	43.2	43.7	44.0	43.0		5.2	5.6	5.6	5.0	
Truck trailers	3715	40.7	39.9	40.1	40.5		3.3	2.7	2.6	2.4	
Aircraft and parts	372	41.6	41.6	42.3	41.3		3.9	4.0	4.5	4.1	
Aircraft	3721	-	-	-	-		-	-	-	-	
Aircraft engines and engine parts	3724	42.2	41.7	41.9	41.6		5.4	4.9	5.0	5.3	
Aircraft equipment, nec	3728	41.7	42.2	43.4	42.1		4.2	4.8	5.2	4.9	
Ship and boat building and repairing	373	40.3	39.7	40.9	40.2		3.2	3.1	3.5	3.1	
Ship building and repairing	3731	40.4	39.7	40.6	40.4		3.4	3.5	3.5	3.2	
Boat building and repairing	3732	40.3	39.6	41.6	39.7		2.5	1.8	3.5	2.6	
Railroad equipment	374	42.8	40.8	41.6	41.2		3.7	3.1	2.7	2.5	
Guided missiles, space vehicles, and parts	376	40.7	41.7	42.5	41.8		2.8	3.0	4.4	4.0	
Guided missiles and space vehicles	3761	41.0	42.0	42.8	41.9		2.9	3.0	4.8	4.4	
Miscellaneous transportation equipment	379	40.6	39.7	40.4	41.0		3.0	2.9	2.6	3.2	
Travel trailers and campers	3792	38.0	37.7	38.4	38.7		1.9	1.9	1.7	1.8	
Instruments and related products	38	40.9	41.0	41.1	40.2	40.6	2.3	2.4	2.4	2.1	
Engineering and scientific instruments	381	41.0	41.0	41.9	40.9	-	2.4	2.3	2.8	2.5	
Measuring and controlling devices	382	41.2	41.5	40.9	39.7		2.3	2.4	1.9	1.6	
Environmental controls	3822	40.3	41.2	39.9	39.2		2.0	2.5	1.8	1.3	
Process control instruments	3823	40.5	41.6	41.2	40.4		2.6	2.9	2.6	2.2	-
Instruments to measure electricity	3825	41.7	41.3	40.8	38.9		2.0	2.0	1.5	1.3	
Optical instruments and lenses	383	43.2	43.3	41.3	40.4		3.4	3.5	2.7	2.1	
Medical instruments and supplies	384	39.3	39.5	40.5	39.7		2.1	2.1	2.6	2.4	-
Surgical and medical instruments	3841	38.5	39.6	41.2	39.5		2.0	2.1	2.7	2.3	
Surgical appliances and supplies	3842	40.0	39.4	39.9	39.9		2.2	2.0	2.4	2.5	
Ophthalmic goods	385	40.0	40.2	39.8	40.2		1.9	1.9	1.9	1.9	-
Photographic equipment and supplies	386	42.6	42.4	43.0	42.1		2.6	2.6	3.1	2.9	
Watches, clocks, and watchcases	387	39.8	41.2	39.8	38.1		2.6	2.8	2.2	1.0	
Miscellaneous manufacturing	39	38.9	39.1	39.3	38.6	39.4	1.9	2.1	1.9	1.6	
Jewelry, silverware, and plated ware	391	36.8	37.7	38.3	37.6	-	.6	1.4	1.7	.8	
Jewelry, precious metal	3911	36.0	37.0	37.2	37.0		.5	1.3	1.3	.4	
Musical instruments	393	39.6	39.9	40.0	38.7		.8	1.5	1.6	1.0	
Toys and sporting goods	394	39.3	39.4	39.0	38.3		2.2	2.5	1.4	1.4	
Dolls, games, toys, and children's vehicles	3942, 4	38.1	38.8	38.8	37.9		1.6	2.1	1.2	.8	
Sporting and athletic goods, nec	3949	40.4	40.1	39.2	38.7		2.7	2.9	1.5	1.9	
Pens, pencils, office, and art supplies	395	40.6	40.6	41.1	39.8		2.9	2.6	2.8	2.3	
Costume jewelry and notions	396	37.3	37.1	38.8	37.3		1.5	1.8	2.3	1.8	
Costume jewelry	3961	36.1	35.2	38.1	37.0		1.4	1.5	1.9	1.9	
Miscellaneous manufactures	399	39.3	39.4	39.7	39.3		2.1	2.2	2.2	2.0	
Signs and advertising displays	3993	39.3	39.8	40.1	39.6		2.5	2.4	2.3	2.1	
Nondurable goods		39.4	39.6	39.6	39.3	39.7	3.1	3.3	3.0	3.0	3.3
Food and kindred products	20	39.7	40.1	39.8	40.1	40.3	3.9	4.4	3.7	4.1	-
Meat products	201	39.9	39.9	39.7	40.0	-	3.6	3.6	3.6	3.7	
Meat packing plants	2011	40.7	40.6	41.2	41.2		4.0	4.0	4.3	4.1	
Sausages and other prepared meats	2013	40.2	40.6	40.9	40.6		3.8	3.9	4.1	4.0	
Poultry dressing plants	2016	39.1	39.1	37.7	38.6		3.2	3.2	2.6	3.1	
Dairy products	202	41.7	40.9	42.5	42.3		4.4	4.1	4.7	4.7	
Cheese, natural and processed	2022	40.7	39.5	40.5	40.1		3.4	3.0	3.8	3.4	
Fluid milk	2026	42.5	41.5	43.2	43.2		5.0	4.6	5.2	5.4	
Preserved fruits and vegetables	203	37.6	39.8	37.7	38.3		4.1	5.8	3.1	4.6	
Canned specialties	2032	40.3	42.0	38.9	39.4		4.9	6.1	3.5	3.6	
Canned fruits and vegetables	2033	37.3	40.1	36.1	37.8		4.4	6.9	3.1	5.4	
Frozen fruits and vegetables	2037	36.6	39.9	37.9	38.4		3.8	5.7	3.5	4.5	
Grain mill products	204	42.7	43.4	43.4	43.6		5.3	6.0	5.3	5.8	
Flour and other grain mill products	2041	44.0	44.8	44.7	44.0		5.3	6.3	5.3	5.7	
Prepared feeds, nec	2048	43.1	43.0	43.2	44.1		6.0	6.1	5.9	6.6	
Bakery products	205	38.5	38.7	38.7	38.9		2.9	3.0	3.1	3.3	
Bread, cake, and related products	2051	38.1	37.9	38.1	38.6		3.3	3.2	3.3	3.6	
Cookies and crackers	2052	39.6	40.5	40.3	39.7		2.0	2.5	2.4	2.5	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Durable goods—Continued											
Transportation equipment	37	\$12.16	\$12.16	\$12.66	\$12.63	\$12.70	\$509.50	\$507.07	\$539.32	\$530.46	\$535.94
Motor vehicles and equipment	371	12.66	12.64	13.39	13.37	13.39	539.32	534.67	579.79	573.57	575.77
Motor vehicles and car bodies	3711	14.11	14.07	14.77	14.74	-	598.26	579.68	635.11	635.29	-
Truck and bus bodies	3713	9.78	9.84	10.65	10.73	-	402.94	403.44	446.24	450.66	-
Motor vehicle parts and accessories	3714	12.12	12.14	12.79	12.71	-	523.58	530.52	562.76	546.53	-
Truck trailers	3715	8.90	8.82	9.39	9.23	-	362.23	351.92	376.54	373.82	-
Aircraft and parts	372	12.34	12.37	12.55	12.48	-	513.34	514.59	530.87	515.42	-
Aircraft	3721	-	-	-	-	-	-	-	-	-	-
Aircraft engines and engine parts	3724	12.44	12.47	12.75	12.83	-	524.97	520.00	534.23	533.73	-
Aircraft equipment, nec	3728	11.30	11.45	11.59	11.52	-	471.21	483.19	503.01	484.99	-
Ship and boat building and repairing	373	10.25	10.27	10.42	10.45	-	413.08	407.72	426.18	420.09	-
Ship building and repairing	3731	11.15	11.13	11.29	11.30	-	450.46	441.86	458.37	456.52	-
Boat building and repairing	3732	7.76	7.80	8.15	8.11	-	312.73	308.88	339.04	321.97	-
Railroad equipment	374	12.47	12.30	12.42	12.41	-	533.72	501.84	516.67	511.29	-
Guided missiles, space vehicles, and parts	376	11.83	11.85	11.94	11.99	-	481.48	494.15	507.45	501.18	-
Guided missiles and space vehicles	3761	12.05	12.05	12.16	12.20	-	494.05	506.10	520.45	511.18	-
Miscellaneous transportation equipment	379	9.64	9.65	9.97	9.95	-	391.38	383.11	402.79	407.95	-
Travel trailers and campers	3792	8.41	8.47	8.69	8.41	-	319.58	319.32	333.70	325.47	-
Instruments and related products	38	8.88	8.89	9.15	9.21	9.25	363.19	364.49	376.07	370.24	375.55
Engineering and scientific instruments	381	9.41	9.42	9.89	10.06	-	385.81	386.22	414.39	411.45	-
Measuring and controlling devices	382	8.76	8.80	9.00	8.93	-	360.91	365.20	368.10	354.52	-
Environmental controls	3822	8.09	8.26	8.69	8.60	-	326.03	340.31	346.73	337.12	-
Process control instruments	3823	8.72	8.82	9.03	9.07	-	353.16	366.91	372.04	366.43	-
Instruments to measure electricity	3825	9.16	9.19	9.22	9.10	-	381.97	379.55	376.18	353.99	-
Optical instruments and lenses	383	10.03	10.17	10.24	10.30	-	433.30	440.36	422.91	416.12	-
Medical instruments and supplies	384	7.79	7.75	8.09	8.19	-	306.15	306.13	327.65	325.14	-
Surgical and medical instruments	3841	7.84	7.78	8.29	8.38	-	301.84	308.09	341.55	331.01	-
Surgical appliances and supplies	3842	7.76	7.75	7.91	8.06	-	310.40	305.35	315.61	321.59	-
Ophthalmic goods	385	6.57	6.60	6.97	6.89	-	262.80	265.32	277.41	276.98	-
Photographic equipment and supplies	386	11.47	11.54	11.79	12.00	-	488.62	489.30	506.97	505.20	-
Watches, clocks, and watchcases	387	6.64	6.58	6.85	6.91	-	264.27	271.10	272.63	263.27	-
Miscellaneous manufacturing	39	7.07	7.01	7.28	7.30	7.29	275.02	274.09	286.10	281.78	287.23
Jewelry, silverware, and plated ware	391	7.57	7.59	7.72	7.72	-	278.58	286.14	295.68	290.27	-
Jewelry, precious metal	3911	7.48	7.62	7.77	7.79	-	269.28	281.94	289.04	288.23	-
Musical instruments	393	6.78	6.83	6.84	6.93	-	268.49	272.52	273.60	268.19	-
Toys and sporting goods	394	6.45	6.39	6.73	6.68	-	253.49	251.77	262.47	255.84	-
Dolls, games, toys, and children's vehicles	3942, 4	6.12	6.06	6.49	6.39	-	233.17	235.13	251.81	242.18	-
Sporting and athletic goods, nec	3949	6.75	6.74	6.95	6.94	-	272.70	270.27	272.44	268.58	-
Pens, pencils, office, and art supplies	395	7.41	7.32	7.75	7.74	-	300.85	297.19	318.53	308.05	-
Costume jewelry and notions	396	5.87	5.74	5.95	6.02	-	218.95	212.95	230.86	224.55	-
Costume jewelry	3961	5.40	5.39	5.54	5.60	-	194.94	189.73	211.07	207.20	-
Miscellaneous manufactures	399	7.75	7.72	7.97	7.95	-	304.58	304.17	316.41	312.44	-
Signs and advertising displays	3993	8.14	8.18	8.49	8.40	-	319.90	325.56	340.45	332.64	-
Nondurable goods		8.41	8.37	8.65	8.70	8.67	331.35	331.45	342.54	341.91	344.20
Food and kindred products	20	8.39	8.33	8.55	8.55	8.51	333.08	334.03	340.29	342.86	342.95
Meat products	201	7.26	7.25	7.26	7.26	-	289.67	289.28	288.22	290.40	-
Meat packing plants	2011	8.16	8.17	8.10	8.14	-	332.11	331.70	333.72	335.37	-
Sausages and other prepared meats	2013	9.05	9.04	8.83	8.81	-	363.81	367.02	361.15	357.69	-
Poultry dressing plants	2016	5.55	5.55	5.75	5.75	-	217.01	217.01	216.78	221.95	-
Dairy products	202	8.73	8.70	9.10	9.21	-	364.04	355.83	386.75	389.58	-
Cheese, natural and processed	2022	8.34	8.31	8.58	8.60	-	339.44	328.25	347.49	344.86	-
Fluid milk	2026	8.89	8.92	9.48	9.63	-	377.83	370.18	409.54	416.02	-
Preserved fruits and vegetables	203	7.68	7.55	7.80	7.79	-	288.77	300.49	294.06	298.36	-
Canned specialties	2032	9.12	9.01	9.69	9.87	-	367.54	378.42	376.94	388.88	-
Canned fruits and vegetables	2033	7.86	7.59	7.85	7.53	-	293.18	304.36	283.39	284.63	-
Frozen fruits and vegetables	2037	7.04	7.06	7.23	7.17	-	257.66	281.69	274.02	275.33	-
Grain mill products	204	10.07	10.21	10.38	10.39	-	429.99	443.11	450.49	453.00	-
Flour and other grain mill products	2041	9.86	10.09	9.96	9.85	-	433.84	452.03	445.21	433.40	-
Prepared feeds, nec	2048	7.53	7.69	7.82	7.91	-	324.54	330.67	337.82	348.83	-
Bakery products	205	9.44	9.46	9.72	9.73	-	363.44	366.10	376.16	378.50	-
Bread, cake, and related products	2051	9.47	9.45	9.71	9.74	-	360.81	358.16	369.95	375.96	-
Cookies and crackers	2052	9.35	9.47	9.75	9.71	-	370.26	383.54	392.93	385.49	-

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	39.4	40.3	40.1	40.0	-	2.5	3.2	2.8	2.8	-
Cane and beet sugar	2061-3	42.4	42.2	42.8	42.9	-	4.9	5.0	4.8	5.3	-
Confectionery products	2065	37.8	39.1	38.7	38.6	-	1.7	2.4	2.4	2.2	-
Fats and oils	207	42.0	42.5	43.1	43.4	-	4.7	5.0	5.2	5.2	-
Beverages	208	41.0	40.7	41.4	41.6	-	4.3	4.0	4.4	4.6	-
Malt beverages	2082	43.7	42.8	43.1	43.1	-	6.2	5.6	5.9	6.0	-
Bottled and canned soft drinks	2086	40.8	40.2	40.9	41.5	-	4.2	3.7	4.3	4.7	-
Misc. food and kindred products	209	38.8	38.4	38.0	38.5	-	4.5	4.6	3.5	3.9	-
Tobacco manufactures	21	37.5	39.2	37.7	34.1	38.0	1.2	.8	1.1	.9	-
Cigarettes	211	37.9	39.3	37.7	33.1	-	1.1	.4	1.1	.8	-
Textile mill products	22	39.3	39.7	39.9	38.7	39.9	2.9	3.1	3.2	2.8	-
Weaving mills, cotton	221	39.6	39.8	38.7	37.3	-	3.1	3.3	3.3	3.0	-
Weaving mills, synthetics	222	40.4	40.6	38.9	38.7	-	3.1	3.5	2.8	2.7	-
Weaving and finishing mills, wool	223	40.2	42.0	40.6	37.3	-	3.8	4.2	2.9	2.1	-
Narrow fabric mills	224	39.2	39.3	39.6	38.9	-	1.6	2.2	1.9	1.7	-
Knitting mills	225	38.2	37.9	39.3	37.9	-	2.4	2.3	2.8	2.4	-
Women's hosiery, except socks	2251	37.1	36.2	40.2	38.5	-	1.7	1.4	3.4	2.5	-
Hosiery, nec	2252	38.5	38.5	37.4	37.2	-	2.4	2.2	1.9	1.8	-
Knit outerwear mills	2253	37.3	37.4	38.5	37.9	-	2.3	2.2	2.5	2.6	-
Knit underwear mills	2254	38.2	36.9	38.7	36.7	-	1.6	1.7	1.7	1.1	-
Circular knit fabric mills	2257	39.7	39.9	41.4	37.7	-	3.2	3.2	4.2	3.5	-
Textile finishing, except wool	226	38.7	40.4	41.1	38.9	-	3.2	3.8	4.2	3.2	-
Finishing plants, cotton	2261	38.3	39.9	41.8	40.0	-	3.2	4.1	4.5	3.9	-
Finishing plants, synthetics	2262	37.3	40.9	40.5	37.0	-	3.2	4.5	4.5	2.8	-
Floor covering mills	227	40.2	41.8	42.3	40.9	-	3.8	4.3	4.1	3.9	-
Yarn and thread mills	228	39.2	39.0	40.3	39.5	-	2.8	2.9	3.3	2.8	-
Yarn mills, except wool	2281	39.7	39.4	40.6	39.9	-	3.1	3.1	3.7	3.1	-
Throwing and winding mills	2282	36.6	36.8	38.1	38.1	-	2.3	2.5	2.4	2.4	-
Miscellaneous textile goods	229	41.5	42.5	42.2	40.8	-	3.5	3.9	3.8	3.1	-
Apparel and other textile products	23	36.0	36.3	36.7	36.2	36.3	1.1	1.3	1.4	1.1	-
Men's and boys' suits and coats	231	36.9	36.6	33.9	34.6	-	1.1	1.3	.7	.6	-
Men's and boys' furnishings	232	36.7	37.2	37.7	37.1	-	1.0	1.1	1.4	1.0	-
Men's and boys' shirts and nightwear	2321	36.6	37.3	37.2	36.6	-	.8	1.0	1.3	.8	-
Men's and boys' separate trousers	2327	36.7	36.6	36.6	37.0	-	.9	1.1	1.0	.8	-
Men's and boys' work clothing	2328	37.4	37.2	38.7	37.8	-	1.2	1.1	1.8	1.3	-
Women's and misses' outerwear	233	34.2	34.2	35.0	34.8	-	.9	1.0	1.2	1.0	-
Women's and misses' blouses and waists	2331	35.1	33.9	35.4	35.2	-	.7	.8	1.2	1.0	-
Women's and misses' dresses	2335	32.5	32.9	33.6	33.5	-	.7	.9	.9	.8	-
Women's and misses' suits and coats	2337	34.8	35.4	34.8	34.3	-	1.0	1.2	1.1	1.0	-
Women's and misses' outerwear, nec	2339	34.9	35.0	35.9	35.7	-	1.2	1.1	1.4	1.1	-
Women's and children's undergarments	234	35.9	37.2	37.3	36.7	-	1.2	1.6	1.5	1.2	-
Women's and children's underwear	2341	35.9	37.3	37.5	36.8	-	1.1	1.6	1.6	1.3	-
Brassieres and allied garments	2342	35.9	36.5	36.0	36.0	-	1.4	1.6	1.2	.5	-
Children's outerwear	236	36.3	35.9	37.5	36.7	-	.8	.9	1.6	1.1	-
Children's dresses and blouses	2361	35.6	34.7	35.8	36.0	-	.9	.9	1.3	1.1	-
Misc. apparel and accessories	238	38.3	37.5	37.1	36.4	-	.7	1.4	1.1	.8	-
Misc. fabricated textile products	239	37.6	38.7	38.8	37.9	-	1.7	2.5	2.1	1.8	-
Curtains and draperies	2391	35.7	37.4	37.6	35.9	-	.7	1.5	.6	.3	-
House furnishings, nec	2392	37.1	38.6	37.6	37.4	-	1.6	2.3	1.7	1.6	-
Automotive and apparel trimmings	2396	40.0	42.2	40.8	40.2	-	2.6	5.1	4.2	3.6	-
Paper and allied products	26	43.1	42.9	43.0	42.7	42.9	5.2	4.9	4.6	4.8	-
Paper and pulp mills	261,2,6	45.2	44.7	44.7	44.7	-	7.2	6.6	6.1	6.6	-
Paper mills, except building paper	262	45.4	44.9	44.8	45.0	-	7.3	6.7	6.1	6.7	-
Paperboard mills	263	44.9	44.1	43.5	43.8	-	8.5	7.5	6.5	7.1	-
Misc. converted paper products	264	41.6	41.6	42.0	41.6	-	3.2	3.2	3.1	3.2	-
Paper coating and glazing	2641	42.2	42.5	43.3	42.7	-	3.1	3.0	3.0	3.0	-
Envelopes	2642	40.3	41.5	40.9	40.6	-	3.0	3.0	2.8	2.7	-
Bags, except textile bags	2643	42.3	42.2	42.4	42.2	-	3.9	3.8	3.7	3.7	-
Paperboard containers and boxes	265	42.3	42.2	42.3	41.7	-	4.4	4.4	4.1	4.2	-
Folding paperboard boxes	2651	43.0	42.8	41.8	41.5	-	4.7	4.3	3.8	3.8	-
Corrugated and solid fiber boxes	2653	42.6	42.8	42.9	42.2	-	4.8	5.0	4.2	4.3	-
Sanitary food containers	2654	42.5	42.1	44.0	43.2	-	5.1	4.7	5.6	6.0	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	\$8.61	\$8.53	\$8.83	\$8.87		\$339.23	\$343.76	\$354.08	\$354.80	
Cane and beet sugar	2061-3	10.25	10.34	10.39	10.51		434.60	436.35	444.69	450.88	
Confectionery products	2065	7.45	7.29	7.69	7.70		281.61	285.04	297.60	297.22	
Fats and oils	207	9.05	9.08	8.90	8.96		380.10	385.90	383.59	388.86	
Beverages	208	10.85	10.91	11.16	11.26		444.85	444.04	462.02	468.42	
Malt beverages	2082	15.14	15.27	15.43	15.61		661.62	653.56	665.03	672.79	
Bottled and canned soft drinks	2086	8.36	8.30	8.71	8.81		341.09	333.66	356.24	365.62	
Misc. food and kindred products	209	7.58	7.54	7.61	7.55		294.10	289.54	289.18	290.68	
Tobacco manufactures	21	11.77	10.92	12.83	12.92	\$12.45	441.38	428.06	483.69	440.57	\$473.10
Cigarettes	211	13.53	13.40	14.83	14.97	-	512.79	526.62	559.09	495.51	-
Textile mill products	22	6.44	6.47	6.69	6.69	6.74	253.09	256.86	266.93	258.90	268.93
Weaving mills, cotton	221	6.70	6.71	6.99	6.97	-	265.32	267.06	270.51	259.98	-
Weaving mills, synthetics	222	6.95	6.95	7.11	7.13		280.78	282.17	276.58	275.93	
Weaving and finishing mills, wool	223	6.88	6.83	7.08	7.09		276.58	286.86	287.45	264.46	
Narrow fabric mills	224	6.10	6.14	6.40	6.44		239.12	241.30	253.44	250.52	
Knitting mills	225	5.88	5.92	6.13	6.13		224.62	224.37	240.91	232.33	
Women's hosiery, except socks	2251	5.65	5.76	6.07	6.04		209.62	208.51	244.01	232.54	
Hosiery, nec	2252	5.64	5.61	5.81	5.79		217.14	215.99	217.29	215.39	
Knit outerwear mills	2253	5.79	5.82	5.96	6.07		215.97	217.67	229.46	230.05	
Knit underwear mills	2254	5.51	5.55	5.62	5.66		210.48	204.80	217.49	207.72	
Circular knit fabric mills	2257	6.54	6.54	6.94	6.84		259.64	260.95	287.32	257.87	
Textile finishing, except wool	226	6.74	6.85	7.13	7.09		260.84	276.74	293.04	275.80	
Finishing plants, cotton	2261	6.84	6.94	7.14	7.09		261.97	276.91	298.45	283.60	
Finishing plants, synthetics	2262	7.27	7.34	7.66	7.63		271.17	300.21	310.23	282.31	
Floor covering mills	227	6.65	6.64	6.93	6.99		267.33	277.55	293.14	285.89	
Yarn and thread mills	228	6.03	6.04	6.23	6.27		236.38	235.56	251.07	247.67	
Yarn mills, except wool	2281	6.04	6.05	6.22	6.25		239.79	238.37	252.53	249.38	
Throwing and winding mills	2282	5.86	5.91	6.20	6.24		214.48	217.49	236.22	237.74	
Miscellaneous textile goods	229	7.19	7.19	7.55	7.55		298.39	305.58	318.61	308.04	
Apparel and other textile products	23	5.53	5.55	5.70	5.69	5.69	199.08	201.47	209.19	205.98	206.55
Men's and boys' suits and coats	231	6.63	6.59	6.65	6.70	-	244.65	241.19	225.44	231.82	-
Men's and boys' furnishings	232	5.04	5.05	5.25	5.24		184.97	187.86	197.93	194.40	
Men's and boys' shirts and nightwear	2321	4.87	4.85	5.04	4.99		178.24	180.91	187.49	182.63	
Men's and boys' separate trousers	2327	5.12	5.16	5.23	5.28		187.90	188.86	191.42	195.36	
Men's and boys' work clothing	2328	5.02	5.07	5.27	5.30		187.75	188.60	203.95	200.34	
Women's and misses' outerwear	233	5.46	5.50	5.60	5.58		186.73	188.10	196.00	194.18	
Women's and misses' blouses and waists	2331	5.01	5.09	5.10	5.10		175.85	172.55	180.54	179.52	
Women's and misses' dresses	2335	5.72	5.78	5.75	5.81		185.90	190.16	193.20	194.64	
Women's and misses' suits and coats	2337	6.19	6.19	6.50	6.60		215.41	219.13	226.20	226.38	
Women's and misses' outerwear, nec	2339	5.19	5.19	5.37	5.26		181.13	181.65	192.78	187.78	
Women's and children's undergarments	234	5.04	5.05	5.29	5.28		180.94	187.86	197.32	193.78	-
Women's and children's underwear	2341	4.92	4.94	5.18	5.18		176.63	184.26	194.25	190.62	
Brassieres and allied garments	2342	5.63	5.58	5.89	5.81		202.12	203.67	212.04	209.16	
Children's outerwear	236	4.94	4.92	5.01	4.99		179.32	176.63	187.88	183.13	
Children's dresses and blouses	2361	4.86	4.81	4.90	4.86		173.02	166.91	175.42	174.96	
Misc. apparel and accessories	238	5.26	5.37	5.47	5.43		201.46	201.38	202.94	197.65	
Misc. fabricated textile products	239	6.57	6.60	6.87	6.84		247.03	255.42	266.56	259.24	
Curtains and draperies	2391	5.21	5.20	5.36	5.39		186.00	194.48	201.54	193.50	
House furnishings, nec	2392	5.62	5.61	5.85	5.86		208.50	216.55	219.96	219.16	
Automotive and apparel trimmings	2396	10.15	10.41	10.87	10.76		406.00	439.30	443.50	432.55	
Paper and allied products	26	10.52	10.47	10.79	10.89	10.93	453.41	449.16	463.97	465.00	468.90
Paper and pulp mills	261,2,6	12.56	12.53	13.11	13.19	-	567.71	560.09	586.02	589.59	-
Paper mills, except building paper	262	12.63	12.61	13.19	13.35		573.40	566.19	590.91	600.75	
Paperboard mills	263	13.25	13.14	13.50	13.73		594.93	579.47	587.25	601.37	
Misc. converted paper products	264	9.10	9.08	9.25	9.33		378.56	377.73	388.50	388.13	
Paper coating and glazing	2641	10.33	10.38	10.64	10.62		435.93	441.15	460.71	453.47	
Envelopes	2642	8.31	8.21	8.53	8.63		334.89	340.72	348.88	350.38	
Bags, except textile bags	2643	8.65	8.63	8.88	8.86		365.90	364.19	376.51	373.89	
Paperboard containers and boxes	265	8.97	8.94	9.23	9.30		379.43	377.27	390.43	387.81	
Folding paperboard boxes	2651	9.19	9.25	9.57	9.67		395.17	395.90	400.03	401.31	
Corrugated and solid fiber boxes	2653	9.30	9.29	9.53	9.60		396.18	397.61	408.84	405.12	
Sanitary food containers	2654	8.58	8.62	8.91	8.82		364.65	362.90	392.04	381.02	

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^o	Aug. 1985 ^o	July 1984	Aug. 1984	June 1985	July 1985 ^o	Aug. 1985 ^o
Nondurable goods—Continued											
Printing and publishing	27	37.6	37.9	37.3	37.3	38.2	2.6	2.9	2.3	2.4	
Newspapers	271	33.9	34.3	33.7	33.6	-	1.7	1.9	1.5	1.4	
Periodicals	272	37.8	38.4	37.5	37.8		2.2	2.9	2.2	2.4	
Books	273	38.3	39.1	38.1	37.8		2.5	3.3	2.2	2.5	
Book publishing	2731	36.6	37.5	38.1	37.8		1.5	1.9	1.8	2.1	
Book printing	2732	40.6	41.2	38.1	37.8		3.8	5.2	2.9	3.1	
Miscellaneous publishing	274	36.0	35.7	36.4	36.3		1.4	2.0	2.0	2.1	
Commercial printing	275	38.8	39.3	38.2	38.4		3.0	3.4	2.5	2.7	
Commercial printing, letterpress	2751	38.7	39.0	38.0	38.1		2.9	3.1	2.1	2.2	
Commercial printing, lithographic	2752	38.8	39.3	38.1	38.4		2.9	3.5	2.7	2.8	
Manifold business forms	276	41.0	41.0	41.0	40.8		3.3	3.1	3.5	3.8	
Blankbooks and bookbinding	278	39.5	39.0	38.7	38.8		2.5	2.3	1.8	2.0	
Printing trade services	279	38.9	39.2	38.9	38.8		3.8	4.1	3.5	3.7	
Chemicals and allied products	28	41.7	41.7	42.1	41.7	41.7	3.3	3.4	3.4	3.4	
Industrial inorganic chemicals	281	42.0	41.9	41.9	41.4	-	3.4	3.4	3.4	3.3	
Industrial inorganic chemicals, nec	2819	42.3	41.8	42.0	41.3		3.4	3.3	3.2	3.1	
Plastics materials and synthetics	282	42.0	41.9	42.4	42.2		3.5	3.7	3.8	3.9	
Plastics materials and resins	2821	43.1	43.3	43.7	42.9		4.4	4.9	4.9	4.6	
Organic fibers, noncellulosic	2824	41.6	41.5	42.4	42.7		2.7	2.7	3.3	3.8	
Drugs	283	40.1	40.8	41.6	40.8		2.5	2.6	2.7	2.6	
Pharmaceutical preparations	2834	39.8	40.5	41.6	40.5		2.4	2.5	2.6	2.7	
Soap, cleaners, and toilet goods	284	41.4	41.4	41.3	41.0		2.7	3.0	2.9	2.6	
Soap and other detergents	2841	44.3	44.4	44.2	44.2		4.8	5.0	4.8	4.3	
Toilet preparations	2844	39.9	39.6	38.9	38.8		1.6	1.9	1.8	1.8	
Polishing, sanitation, and finishing preparations	2842,3	40.8	41.5	43.0	41.8		2.5	3.1	2.9	2.4	
Paints and allied products	285	41.9	41.3	42.8	42.1		3.4	3.0	4.4	3.7	
Industrial organic chemicals	286	43.0	42.7	43.1	43.0		4.1	4.2	3.9	4.3	
Cyclic crudes and intermediates	2865	41.7	42.4	43.1	43.0		4.0	5.0	4.7	4.2	
Gum, wood, and industrial organic chemicals, nec	2861,9	43.4	42.8	43.1	43.0		4.1	3.9	3.6	4.3	
Agricultural chemicals	287	42.4	42.0	42.1	42.5		4.5	4.1	3.8	3.8	
Miscellaneous chemical products	289	41.2	41.4	42.2	41.4		2.9	3.2	3.2	3.2	
Petroleum and coal products	29	43.8	43.9	42.7	42.8	42.7	4.5	4.4	4.4	4.3	
Petroleum refining	291	43.4	43.5	42.3	42.4	-	3.7	3.5	3.9	3.8	
Paving and roofing materials	295	46.1	46.4	44.8	44.7		8.0	8.0	6.6	6.8	
Rubber and misc. plastics products	30	41.2	41.4	41.2	40.6	40.5	3.7	3.7	3.6	3.4	
Tires and inner tubes	301	44.0	44.5	41.5	41.9	-	5.2	5.7	3.3	4.0	
Rubber and plastics footwear	302	41.0	39.4	38.2	38.4		1.9	2.1	.9	.5	
Reclaimed rubber, and rubber and plastics hose and belting	303,4	38.3	41.8	42.8	42.5		3.2	3.8	3.9	3.7	
Fabricated rubber products, nec	306	40.7	41.4	41.1	40.0		2.8	3.2	3.0	2.9	
Miscellaneous plastics products	307	41.0	41.0	41.2	40.6		3.6	3.6	3.8	3.5	
Leather and leather products	31	37.3	36.4	38.0	37.4	37.6	1.3	1.4	1.6	1.5	
Leather tanning and finishing	311	39.1	38.8	41.9	39.6	-	2.1	2.6	3.7	2.9	
Footwear, except rubber	314	36.8	36.0	37.5	37.4		1.1	1.1	1.5	1.5	
Men's footwear, except athletic	3143	37.2	36.7	36.4	36.5		.8	1.1	1.1	.8	
Women's footwear, except athletic	3144	36.5	35.2	38.2	38.4		1.6	1.2	1.9	2.1	
Luggage	316	37.4	37.3	39.9	36.6		2.1	2.1	1.5	1.5	
Handbags and personal leather goods	317	37.4	36.2	37.1	36.5		1.3	1.2	.9	.8	
Transportation and public utilities		40.0	39.7	39.7	39.7	40.0					
Railroad transportation:											
Class I railroads ²	4011	44.5	42.9	45.6	45.7						
Local and interurban passenger transit	41	36.6	36.3	34.3	36.1						
Local and suburban transportation	411	39.1	38.5	38.0	38.5						
Intercity highway transportation	413	39.2	39.0	38.8	38.7						
Trucking and warehousing	42	39.1	39.1	38.9	38.2						
Trucking and trucking terminals	421,3	39.2	39.1	39.0	38.3						
Public warehousing	422	39.0	39.1	38.1	37.9						
Pipe lines, except natural gas	46	40.4	40.5	42.0	40.9						

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Nondurable goods—Continued											
Printing and publishing	27	\$9.38	\$9.44	\$9.61	\$9.66	\$9.61	\$352.69	\$357.78	\$358.45	\$360.32	\$367.10
Newspapers	271	9.47	9.48	9.71	9.73	-	321.03	325.16	327.23	326.93	-
Periodicals	272	10.02	10.05	10.07	10.12	-	378.76	385.92	377.63	382.54	-
Books	273	8.51	8.59	8.60	8.61	-	325.93	335.87	327.66	325.46	-
Book publishing	2731	8.12	8.20	8.14	8.03	-	297.19	307.50	310.13	303.53	-
Book printing	2732	8.97	9.06	9.33	9.50	-	364.18	373.27	355.47	359.10	-
Miscellaneous publishing	274	8.43	8.56	8.79	8.86	-	303.48	305.59	319.96	321.62	-
Commercial printing	275	9.68	9.75	9.91	9.99	-	375.58	383.18	378.56	383.62	-
Commercial printing, letterpress	2751	9.10	9.21	9.38	9.44	-	352.17	359.19	356.44	359.66	-
Commercial printing, lithographic	2752	9.93	9.99	10.12	10.21	-	385.28	392.61	385.57	392.06	-
Manifold business forms	276	9.58	9.53	9.98	10.05	-	392.78	390.73	409.18	410.04	-
Blankbooks and bookbinding	278	7.30	7.32	7.57	7.59	-	288.35	285.48	292.96	294.49	-
Printing trade services	279	11.51	11.51	11.45	11.47	-	447.74	451.19	445.41	445.04	-
Chemicals and allied products	28	11.09	11.09	11.52	11.49	11.54	462.45	462.45	484.99	479.13	481.22
Industrial inorganic chemicals	281	12.39	12.39	12.72	12.81	-	520.38	519.14	532.97	530.33	-
Industrial inorganic chemicals, nec	2819	12.41	12.40	12.80	12.81	-	524.94	518.32	537.60	529.05	-
Plastics materials and synthetics	282	11.08	11.16	11.77	11.86	-	465.36	467.60	499.05	500.49	-
Plastics materials and resins	2821	12.05	12.20	12.73	12.81	-	519.36	528.26	556.30	549.55	-
Organic fibers, noncellulosic	2824	10.68	10.71	11.39	11.43	-	444.29	444.47	482.94	488.06	-
Drugs	283	10.23	10.19	10.71	10.74	-	410.22	415.75	445.54	438.19	-
Pharmaceutical preparations	2834	10.02	10.04	10.47	10.59	-	398.80	406.62	435.55	428.90	-
Soap, cleaners, and toilet goods	284	9.78	9.74	10.23	10.13	-	404.89	403.24	422.50	415.33	-
Soap and other detergents	2841	12.84	12.80	13.27	13.27	-	568.81	568.32	586.53	586.53	-
Toilet preparations	2844	7.97	7.90	8.55	8.38	-	318.00	312.84	332.60	325.14	-
Polishing, sanitation, and finishing preparations	2842,3	9.39	9.51	9.69	9.65	-	383.11	394.67	416.67	403.37	-
Paints and allied products	285	9.71	9.75	10.08	9.93	-	406.85	402.68	431.42	418.05	-
Industrial organic chemicals	286	13.54	13.49	13.93	13.40	-	582.22	576.02	600.38	576.20	-
Cyclic crudes and intermediates	2865	12.99	13.03	13.27	13.40	-	541.68	552.47	571.94	576.20	-
Gum, wood, and industrial organic chemicals, nec	2861,9	13.69	13.62	14.14	13.40	-	594.15	582.94	609.43	576.20	-
Agricultural chemicals	287	10.95	11.04	10.94	11.13	-	464.28	463.68	460.57	473.03	-
Miscellaneous chemical products	289	10.11	10.14	10.50	10.67	-	416.53	419.80	443.10	441.74	-
Petroleum and coal products	29	13.25	13.30	13.97	13.99	13.90	580.35	583.87	596.52	598.77	593.53
Petroleum refining	291	14.44	14.50	15.28	15.28	-	626.70	630.75	646.34	647.87	-
Paving and roofing materials	295	10.07	10.06	10.51	10.54	-	464.23	466.78	470.85	471.14	-
Rubber and misc. plastics products	30	8.31	8.29	8.50	8.55	8.49	342.37	343.21	350.20	347.13	343.85
Tires and inner tubes	301	12.97	13.05	13.13	13.29	-	570.68	580.73	544.90	556.85	-
Rubber and plastics footwear	302	5.37	5.39	5.56	5.71	-	220.17	212.37	212.39	219.26	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	8.39	8.34	8.37	8.41	-	321.34	348.61	358.24	357.43	-
Fabricated rubber products, nec	306	8.13	8.13	8.32	8.44	-	330.89	336.58	341.95	337.60	-
Miscellaneous plastics products	307	7.65	7.62	7.94	7.98	-	313.65	312.42	327.13	323.99	-
Leather and leather products	31	5.71	5.68	5.83	5.82	5.83	212.98	206.75	221.54	217.67	219.21
Leather tanning and finishing	311	7.44	7.45	7.75	7.70	-	290.90	289.06	324.73	304.92	-
Footwear, except rubber	314	5.45	5.38	5.51	5.51	-	200.56	193.68	206.63	206.07	-
Men's footwear, except athletic	3143	5.74	5.67	5.85	5.90	-	213.53	208.09	212.94	215.35	-
Women's footwear, except athletic	3144	5.29	5.19	5.32	5.27	-	193.09	182.69	203.22	202.37	-
Luggage	316	6.30	6.31	6.49	6.38	-	235.62	235.36	258.95	233.51	-
Handbags and personal leather goods	317	5.55	5.56	5.66	5.78	-	207.57	201.27	209.99	210.97	-
Transportation and public utilities		11.14	11.13	11.32	11.38	11.38	445.60	441.86	449.40	451.79	455.20
Railroad transportation:											
Class I railroads ²	4011	13.29	13.18	13.71	13.71	-	591.41	565.42	625.18	626.55	-
Local and interurban passenger transit	41	7.84	7.76	7.67	7.85	-	286.94	281.69	263.08	283.39	-
Local and suburban transportation	411	8.01	7.94	8.05	8.06	-	313.19	305.69	305.90	310.31	-
Intercity highway transportation	413	11.82	11.58	11.18	11.48	-	463.34	451.62	433.78	444.28	-
Trucking and warehousing	42	10.41	10.37	10.49	10.45	-	407.03	405.47	408.06	399.19	-
Trucking and trucking terminals	421,3	10.58	10.54	10.65	10.61	-	414.74	412.11	415.35	406.36	-
Public warehousing	422	8.03	7.93	8.23	8.19	-	313.17	310.06	313.56	310.40	-
Pipe lines, except natural gas	46	14.62	14.35	15.02	14.93	-	590.65	581.18	630.84	610.64	-

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Transportation and public utilities—Continued											
Communication	48	40.5	40.1	40.3	40.5						
Telephone communication	481	41.2	40.8	41.2	41.5						
Radio and television broadcasting	483	37.6	37.3	37.1	37.2						
Electric, gas, and sanitary services	49	41.4	41.4	41.7	41.6			-			
Electric services	491	41.7	41.6	41.9	41.8						
Gas production and distribution	492	40.7	41.2	40.6	40.3						
Combination utility services	493	41.6	41.7	42.4	42.0			-	-		
Sanitary services	495	41.5	41.2	42.5	42.4						
Wholesale trade		38.8	38.8	38.9	38.8	38.7					
Durable goods	50	39.3	39.4	39.4	39.3						
Motor vehicles and automotive equipment	501	39.3	39.3	38.9	38.6				-		
Furniture and home furnishings	502	37.7	37.8	37.5	37.4						
Lumber and construction materials	503	39.1	39.2	40.0	40.1						
Sporting goods, toys, and hobby goods	504	38.6	38.9	37.9	37.5						
Metals and minerals, except petroleum	505	40.4	40.6	40.9	39.8						
Electrical goods	506	39.4	39.6	39.2	39.2						-
Hardware, plumbing, and heating equipment	507	38.6	38.7	39.3	39.3						-
Machinery, equipment, and supplies	508	39.8	39.7	39.9	39.8						
Miscellaneous durable goods	509	38.2	38.2	38.2	37.4						
Nondurable goods	51	38.0	37.9	38.0	38.2						-
Paper and paper products	511	37.8	37.5	38.7	38.0						-
Drugs, proprietaries, and sundries	512	37.6	37.8	37.7	38.0						
Apparel, piece goods, and notions	513	36.3	36.5	36.0	35.8						-
Groceries and related products	514	38.6	38.5	38.8	39.0						
Chemicals and allied products	516	39.5	39.2	39.3	39.3						
Petroleum and petroleum products	517	39.3	39.1	39.0	39.1						
Beer, wine, and distilled beverages	518	36.4	36.6	36.4	36.6						
Miscellaneous nondurable goods	519	37.4	37.3	37.7	38.3						
Retail trade		30.7	30.6	30.2	30.4	30.4					
Building materials and garden supplies	52	37.3	37.2	37.2	37.4						
Lumber and other building materials	521	39.3	39.2	39.2	39.5						
Hardware stores	525	34.0	33.7	33.9	34.1						
General merchandise stores	53	30.1	29.7	29.6	30.0						-
Department stores	531	30.1	29.6	29.5	29.9						
Variety stores	533	29.9	29.9	30.0	30.6						
Misc. general merchandise stores	539	31.6	31.8	30.5	31.2						
Food stores	54	31.6	31.4	31.1	31.3						
Grocery stores	541	31.8	31.5	31.3	31.4						
Retail bakeries	546	28.8	29.2	29.4	29.5						
Automotive dealers and service stations	55	37.5	37.5	37.3	37.3						
New and used car dealers	551,2	38.1	38.1	38.0	37.7						
Auto and home supply stores	553	40.6	40.5	40.6	40.8						
Gasoline service stations	554	35.1	35.3	34.8	35.2				-		
Apparel and accessory stores	56	28.8	28.8	28.3	28.5						-
Men's and boys' clothing and furnishings	561	30.9	31.4	31.7	32.2						
Women's ready-to-wear stores	562	28.1	27.3	27.4	27.5						
Family clothing stores	565	29.2	29.3	28.2	28.3						-
Shoe stores	566	28.3	29.3	28.2	28.3						
Furniture and home furnishings stores	57	34.6	34.5	34.8	34.9						-
Furniture and home furnishings stores	571	34.4	34.4	34.6	34.5						
Household appliance stores	572	34.3	35.0	35.9	35.7						
Radio, television, and music stores	573	35.1	34.4	34.6	35.1						
Eating and drinking places ³	58	27.2	27.2	26.4	26.6						

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Transportation and public utilities—Continued											
Communication	48	\$11.22	\$11.45	\$11.59	\$11.60		\$454.41	\$459.15	\$467.08	\$469.80	
Telephone communication	481	11.83	12.18	12.29	12.31		487.40	496.94	506.35	510.87	
Radio and television broadcasting	483	9.72	9.66	10.15	10.26		365.47	360.32	376.57	381.67	
Electric, gas, and sanitary services	49	12.15	12.14	12.74	12.74		503.01	502.60	531.26	529.98	
Electric services	491	12.29	12.30	12.90	12.90		512.49	511.68	540.51	539.22	
Gas production and distribution	492	11.06	10.93	11.56	11.58		450.14	450.32	469.34	466.67	
Combination utility services	493	14.10	14.11	14.92	14.91		586.56	588.39	632.61	626.22	
Sanitary services	495	9.30	9.36	9.28	9.37		385.95	385.63	394.40	397.29	
Wholesale trade		8.98	8.96	9.28	9.26	\$9.23	348.42	347.65	360.99	359.29	\$357.20
Durable goods	50	8.97	8.99	9.37	9.31		352.52	354.21	369.18	365.88	
Motor vehicles and automotive equipment	501	8.15	8.17	8.47	8.46		320.30	321.08	329.48	326.56	
Furniture and home furnishings	502	7.93	7.95	8.25	8.10		298.96	300.51	309.38	302.94	
Lumber and construction materials	503	8.53	8.41	8.68	8.68		333.52	329.67	347.20	348.07	
Sporting goods, toys, and hobby goods	504	9.75	9.82	9.73	10.13		376.35	382.00	368.77	379.88	
Metals and minerals, except petroleum	505	9.67	9.64	10.05	9.95		390.67	391.38	411.05	396.01	
Electrical goods	506	9.34	9.38	9.90	9.78		368.00	371.45	388.08	383.38	
Hardware, plumbing, and heating equipment	507	8.46	8.46	8.74	8.79		326.56	327.40	343.48	345.45	
Machinery, equipment, and supplies	508	9.43	9.47	9.93	9.82		375.31	375.96	396.21	390.84	
Miscellaneous durable goods	509	7.54	7.48	7.49	7.46		288.03	285.74	286.12	279.00	
Nondurable goods	51	9.01	8.92	9.15	9.18		342.38	338.07	347.70	350.68	
Paper and paper products	511	9.69	9.66	9.71	9.77		366.28	362.25	375.78	371.26	
Drugs, proprietaries, and sundries	512	9.75	9.62	9.99	9.79		366.60	363.64	376.62	372.02	
Apparel, piece goods, and notions	513	8.57	8.59	8.81	8.77		311.09	313.54	317.16	313.97	
Groceries and related products	514	9.21	9.12	9.41	9.51		355.51	351.12	365.11	370.89	
Chemicals and allied products	516	10.45	10.30	11.14	11.18		412.78	403.76	437.80	439.37	
Petroleum and petroleum products	517	9.97	9.84	9.87	9.77		391.82	384.74	384.93	382.01	
Beer, wine, and distilled beverages	518	10.88	10.84	10.95	11.05		396.03	396.74	398.58	404.43	
Miscellaneous nondurable goods	519	7.31	7.22	7.46	7.46		273.39	269.31	281.24	285.72	
Retail trade		5.86	5.82	5.94	5.94	5.92	179.90	178.09	179.39	180.58	179.97
Building materials and garden supplies	52	6.44	6.47	6.62	6.63		240.21	240.68	246.26	247.96	
Lumber and other building materials	521	6.71	6.75	6.94	6.90		263.70	264.60	272.05	272.55	
Hardware stores	525	5.59	5.59	5.70	5.73		190.06	188.38	193.23	195.39	
General merchandise stores	53	5.62	5.56	5.92	6.00		169.16	165.13	175.23	180.00	
Department stores	531	5.83	5.76	6.14	6.24		175.48	170.50	181.13	186.58	
Variety stores	533	4.47	4.48	4.62	4.63		133.65	133.95	138.60	141.68	
Misc. general merchandise stores	539	4.51	4.51	4.77	4.74		142.52	143.42	145.49	147.89	
Food stores	54	7.61	7.60	7.33	7.30		240.48	238.64	227.96	228.49	
Grocery stores	541	7.87	7.86	7.55	7.51		250.27	247.59	236.32	235.81	
Retail bakeries	546	5.34	5.27	5.33	5.31		153.79	153.88	156.70	156.65	
Automotive dealers and service stations	55	7.21	7.14	7.39	7.32		270.38	267.75	275.65	273.04	
New and used car dealers	551.2	8.76	8.63	9.03	8.95		333.76	328.80	343.14	337.42	
Auto and home supply stores	553	6.52	6.46	6.50	6.45		264.71	261.63	263.90	263.16	
Gasoline service stations	554	5.23	5.26	5.30	5.27		183.57	185.68	184.44	185.50	
Apparel and accessory stores	56	5.11	5.08	5.26	5.23		147.17	146.30	148.86	149.06	
Men's and boys' clothing and furnishings	561	5.82	5.71	6.32	6.23		179.84	179.29	200.34	200.61	
Women's ready-to-wear stores	562	4.90	4.91	4.96	4.97		137.69	134.04	135.90	136.68	
Family clothing stores	565	5.01	4.92	5.23	5.10		146.29	144.16	147.49	144.33	
Shoe stores	566	5.16	5.19	5.28	5.26		146.03	152.07	148.90	148.86	
Furniture and home furnishings stores	57	7.08	7.07	7.23	7.31		244.97	243.92	251.60	255.12	
Furniture and home furnishings stores	571	6.96	6.97	7.26	7.25		239.42	239.77	251.20	250.13	
Household appliance stores	572	7.17	7.21	7.12	7.23		245.93	252.35	255.61	258.11	
Radio, television, and music stores	573	7.26	7.20	7.21	7.44		254.83	247.68	249.47	261.14	
Eating and drinking places ³	58	4.31	4.29	4.35	4.34		117.23	116.69	114.84	115.44	

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Retail trade—Continued											
Miscellaneous retail	59	31.9	31.8	31.3	31.4						
Drug stores and proprietary stores	591	31.0	30.6	30.5	30.9						
Miscellaneous shopping goods stores	594	30.6	30.6	29.5	29.7						
Nonstore retailers	596	34.1	34.5	32.9	33.0						
Fuel and ice dealers	598	37.9	37.9	37.9	38.2						
Retail stores, nec	599	32.6	32.3	33.0	32.8						
Finance, insurance, and real estate¹		36.7	36.4	36.7	36.4	36.4					
Banking	60	37.0	36.5	36.7	36.4						
Commercial and stock savings banks	602	37.0	36.5	36.8	36.4						
Credit agencies other than banks	61	37.4	37.1	37.7	37.1						
Savings and loan associations	612	37.0	36.5	37.4	36.8						
Personal credit institutions	614	37.0	37.2	37.6	37.1						
Insurance carriers	63	37.2	37.2	37.4	37.2						
Life insurance	631	36.8	37.0	37.1	36.8						
Medical service and health insurance	632	37.2	37.6	38.3	37.9						
Fire, marine, and casualty insurance	633	37.1	37.0	37.2	37.1						
Services		33.2	33.0	33.0	33.0	33.1					
Hotels and other lodging places:											
Hotels, motels, and tourist courts ²	701	31.9	31.7	30.9	30.8						
Personal services:											
Laundry, cleaning, and garment services	721	34.0	33.9	34.4	34.1						
Beauty shops ³	723	29.0	29.2	30.9	30.0						
Business services	73	33.7	33.9	34.0	33.9						
Advertising	731	36.0	36.2	35.9	36.2						
Services to buildings	734	28.8	29.0	29.1	29.0						
Computer and data processing services	737	38.5	38.3	38.3	38.1						
Auto repair, services, and garages	75	38.1	38.4	38.0	37.9						
Automotive repair shops	753	39.0	39.6	39.2	38.8						
Miscellaneous repair services	76	38.9	39.2	38.8	38.8						
Motion pictures	78	30.2	30.3	29.0	30.3						
Motion picture production and services	781	39.6	39.9	38.2	39.2						
Amusement and recreation services	79	32.0	31.6	30.0	30.9						
Health services	80	32.8	32.5	32.6	32.7						
Offices of physicians	801	30.6	30.6	30.8	30.7						
Offices of dentists	802	29.0	29.0	28.6	28.9						
Nursing and personal care facilities	805	32.2	31.3	31.5	31.8						
Hospitals	806	34.4	34.1	34.5	34.5						
Legal services	81	35.0	34.6	34.9	34.7						
Miscellaneous services	89	38.8	39.0	39.0	38.9						
Engineering and architectural services	891	39.8	39.9	40.3	39.8						
Accounting, auditing, and bookkeeping	893	37.5	37.8	37.6	37.7						

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				
		July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p	July 1984	Aug. 1984	June 1985	July 1985 ^p	Aug. 1985 ^p
Retail trade—Continued											
Miscellaneous retail	59	\$5.82	\$5.78	\$5.95	\$5.95		\$185.66	\$183.80	\$186.24	\$186.83	
Drug stores and proprietary stores	591	5.37	5.32	5.39	5.36		166.47	162.79	164.40	165.62	
Miscellaneous shopping goods stores	594	5.53	5.52	5.71	5.69		169.22	168.91	168.45	168.99	
Nonstore retailers	596	6.33	6.23	6.60	6.63		215.85	214.94	217.14	218.79	
Fuel and ice dealers	598	8.07	8.03	8.30	8.33		305.85	304.34	314.57	318.21	
Retail stores, nec	599	6.26	6.21	6.31	6.31		204.08	200.58	208.23	206.97	
Finance, insurance, and real estate¹		7.60	7.57	7.95	7.87	\$7.87	278.92	275.55	291.77	286.47	\$286.47
Banking	60	6.55	6.52	6.80	6.79		242.35	237.98	249.56	247.16	
Commercial and stock savings banks	602	6.40	6.36	6.66	6.64		236.80	232.14	245.09	241.70	
Credit agencies other than banks	61	6.93	6.85	7.24	7.20		259.18	254.14	272.95	267.12	
Savings and loan associations	612	6.26	6.24	6.66	6.62		231.62	227.76	249.08	243.62	
Personal credit institutions	614	6.74	6.56	6.97	7.00		249.38	244.03	262.07	259.70	
Insurance carriers	63	8.52	8.46	8.62	8.58		316.94	314.71	322.39	319.18	
Life insurance	631	8.38	8.28	8.09	8.07		308.38	306.36	300.14	296.98	
Medical service and health insurance	632	8.44	8.35	8.77	8.76		313.97	313.96	335.89	332.00	
Fire, marine, and casualty insurance	633	8.62	8.58	8.96	8.88		319.80	317.46	333.31	329.45	
Services		7.59	7.56	7.91	7.86	7.86	251.99	249.48	261.03	259.38	260.17
Hotels and other lodging places:											
Hotels, motels, and tourist courts ³	701	5.33	5.30	5.78	5.72		170.03	168.01	178.60	176.18	
Personal services:											
Laundry, cleaning, and garment services	721	5.62	5.62	5.82	5.83		191.08	190.52	200.21	198.80	
Beauty shops ³	723	5.80	5.73	6.09	6.20		168.20	167.32	188.18	186.00	
Business services	73	7.95	7.87	8.26	8.26		267.92	266.79	280.84	280.01	
Advertising	731	10.70	10.39	10.79	10.58		385.20	376.12	387.36	383.00	
Services to buildings	734	6.20	6.14	6.36	6.42		178.56	178.06	185.08	186.18	
Computer and data processing services	737	10.70	10.68	11.22	11.22		411.95	409.04	429.73	427.48	
Auto repair, services, and garages	75	7.12	7.15	7.44	7.42		271.27	274.56	282.72	281.22	
Automotive repair shops	753	7.72	7.67	8.10	8.05		301.08	303.73	317.52	312.34	
Miscellaneous repair services	76	8.65	8.68	8.74	8.79		336.49	340.26	339.11	341.05	
Motion pictures	78	10.35	11.16	10.62	10.54		312.57	338.15	307.98	319.36	
Motion picture production and services	781	15.15	16.30	15.45	15.47		599.94	650.37	590.19	606.42	
Amusement and recreation services	79	6.46	6.42	6.74	6.42		206.72	202.87	202.20	198.38	
Health services	80	7.78	7.75	8.07	8.11		255.18	251.88	263.08	265.20	
Offices of physicians	801	7.61	7.54	7.98	7.92		232.87	230.72	245.78	243.14	
Offices of dentists	802	7.42	7.40	7.86	7.85		215.18	214.60	224.80	226.87	
Nursing and personal care facilities	805	5.42	5.39	5.58	5.63		174.52	168.71	175.77	179.03	
Hospitals	806	8.61	8.59	8.96	9.04		296.18	292.92	309.12	311.88	
Legal services	81	9.98	9.78	10.70	10.49		349.30	338.39	373.43	364.00	
Miscellaneous services	89	11.15	11.08	11.65	11.51		432.62	432.12	454.35	447.74	
Engineering and architectural services	891	11.79	11.82	12.40	12.28		469.24	471.62	499.72	488.74	
Accounting, auditing, and bookkeeping	893	9.62	9.35	9.88	9.73		360.75	353.43	371.49	366.82	

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

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

³ Money payments only; tips, not included.

⁴ Data for nonoffice sales agents are excluded from all series in this division.

- Data not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 forward are subject to revision. Corrected May 1985 data for average hourly and weekly earnings in the services industry are \$7.88 and \$257.66, respectively; for amusement and recreation services, \$7.19 and \$205.63, respectively.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	July 1984	Aug. 1984	June 1985	July 1985 ²	Aug. 1985 ³
Manufacturing	\$8.83	\$8.78	\$9.13	\$9.17	\$9.12
Durable goods	9.34	9.30	9.68	9.71	9.68
Lumber and wood products	7.75	7.77	7.90	7.84	(³)
Furniture and fixtures	6.68	6.67	6.99	7.02	(³)
Stone, clay, and glass products	9.10	9.08	9.30	9.30	(³)
Primary metal industries	10.98	10.88	11.15	11.29	(³)
Fabricated metal products	8.99	8.95	9.26	9.29	(³)
Machinery, except electrical	9.56	9.52	9.89	9.96	(³)
Electrical and electronic equipment	8.69	8.73	9.18	9.21	(³)
Transportation equipment	11.58	11.56	12.00	12.01	(³)
Instruments and related products	8.63	8.64	8.89	8.97	(³)
Miscellaneous manufacturing	6.90	6.82	7.11	7.15	(³)
Nondurable goods	8.09	8.04	8.34	8.38	\$8.33
Food and kindred products	7.99	7.90	8.17	8.13	(³)
Tobacco manufactures	11.59	10.81	12.65	12.75	(³)
Textile mill products	6.21	6.22	6.43	6.46	(³)
Apparel and other textile products	5.45	5.45	5.60	5.61	(³)
Paper and allied products	9.92	9.90	10.24	10.31	(³)
Printing and publishing	9.07	9.09	9.32	9.36	(³)
Chemicals and allied products	10.67	10.66	11.08	11.04	(³)
Petroleum and coal products	12.60	12.67	13.29	13.31	(³)
Rubber and misc. plastics products	7.96	7.93	8.15	8.21	(³)
Leather and leather products	5.61	5.57	5.71	5.71	(³)

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

² Not available.

³ = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 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				
	July 1984	Aug. 1984	June 1985	July 1985 ²	Aug. 1985 ³	July 1984	Aug. 1984	June 1985	July 1985 ²	Aug. 1985 ³
Total private:										
Current dollars	\$8.32	\$8.30	\$8.56	\$8.54	\$8.54	\$296.19	\$294.65	\$303.02	\$301.46	\$302.32
Constant (1977) dollars	4.91	4.85	4.87	4.86	(³)	174.85	172.31	172.56	171.48	(³)
Mining:										
Current dollars	11.63	11.62	11.99	11.87	\$11.90	500.09	505.47	523.96	508.04	\$508.13
Constant (1977) dollars	6.86	6.80	6.83	6.75	(³)	295.21	295.60	298.38	288.99	(³)
Construction:										
Current dollars	12.06	12.10	12.12	12.16	\$12.23	464.31	464.64	461.77	469.38	\$468.41
Constant (1977) dollars	7.12	7.07	6.90	6.92	(³)	274.09	271.72	262.97	267.00	(³)
Manufacturing:										
Current dollars	9.19	9.15	9.50	9.52	\$9.50	370.36	369.66	385.70	381.75	\$383.80
Constant (1977) dollars	5.42	5.35	5.41	5.42	(³)	218.63	216.18	219.65	217.15	(³)
Transportation and public utilities:										
Current dollars	11.14	11.13	11.32	11.38	\$11.38	445.60	441.86	449.40	451.79	\$455.20
Constant (1977) dollars	6.58	6.51	6.45	6.47	(³)	263.05	258.40	255.92	256.99	(³)
Wholesale trade:										
Current dollars	8.98	8.96	9.28	9.26	\$9.23	348.42	347.65	360.99	359.29	\$357.20
Constant (1977) dollars	5.30	5.24	5.29	5.27	(³)	205.68	203.30	205.58	204.37	(³)
Retail trade:										
Current dollars	5.86	5.82	5.94	5.94	\$5.92	179.90	178.09	179.39	180.58	\$179.97
Constant (1977) dollars	3.46	3.41	3.38	3.38	(³)	106.20	104.15	102.16	102.72	(³)
Finance, insurance, and real estate:										
Current dollars	7.60	7.57	7.95	7.87	\$7.87	278.92	275.55	291.77	286.47	\$286.47
Constant (1977) dollars	4.49	4.43	4.53	4.48	(³)	164.65	161.14	166.16	162.95	(³)
Services:										
Current dollars	7.59	7.56	7.91	7.86	\$7.86	251.99	249.48	261.03	259.38	\$260.17
Constant (1977) dollars	4.48	4.42	4.51	4.47	(³)	148.75	145.89	148.65	147.54	(³)

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

² Not available.

³ = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series.

Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced all unadjusted data from April 1984 forward are subject to revision. Corrected May 1985 data for the services industry are as follows: average hourly and weekly earnings in current dollars, \$7.88 and \$257.68, respectively; average weekly earnings in constant dollars, \$147.16.

**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	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^p	Aug. ^p
Total private	35.2	35.3	35.2	35.2	35.2	35.1	35.1	35.2	35.0	35.1	35.1	35.0	35.1
Mining	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Construction	37.6	37.9	37.7	38.0	37.8	37.7	37.8	38.1	38.0	37.6	37.2	37.6	37.5
Manufacturing	40.5	40.6	40.5	40.5	40.6	40.6	40.1	40.4	40.2	40.4	40.4	40.3	40.5
<i>Overtime hours</i>	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.2	3.4	3.1	3.2	3.2	3.3
Durable goods	41.3	41.4	41.3	41.2	41.3	41.3	40.7	41.1	40.9	41.1	41.2	41.0	41.2
<i>Overtime hours</i>	3.5	3.5	3.5	3.6	3.6	3.6	3.5	3.5	3.6	3.2	3.3	3.3	3.5
Lumber and wood products	39.6	40.1	39.7	39.6	39.8	39.7	38.9	39.6	39.5	39.8	40.1	39.6	39.6
Furniture and fixtures	39.3	39.8	39.6	39.7	39.6	40.4	39.5	39.5	39.3	38.9	38.9	38.9	39.4
Stone, clay, and glass products	41.8	41.9	41.9	41.8	41.8	41.7	41.6	42.0	42.0	42.1	41.9	42.0	41.8
Primary metal industries	41.2	41.3	41.3	41.5	41.2	41.0	40.9	41.1	41.0	41.2	41.6	41.4	41.8
Blast furnaces and basic steel products ..	39.8	40.1	40.1	40.9	39.8	39.9	40.5	40.5	40.2	40.7	41.2	41.4	42.2
Fabricated metal products	41.2	41.4	41.3	41.1	41.4	41.4	40.9	41.1	41.1	41.1	41.3	41.3	41.2
Machinery, except electrical	42.0	42.0	41.9	41.8	41.7	41.7	41.1	41.6	41.2	41.4	41.6	41.3	41.5
Electrical and electronic equipment	41.0	41.1	40.9	40.9	41.0	40.8	40.2	40.7	40.2	40.4	40.6	40.3	40.5
Transportation equipment	42.6	42.8	42.6	42.4	42.8	43.1	41.9	42.5	42.3	42.6	42.3	42.5	43.1
Motor vehicles and equipment	43.5	43.7	43.5	43.5	44.0	44.3	42.4	43.2	43.3	43.5	42.7	43.3	44.3
Instruments and related products	41.2	41.5	41.3	41.4	41.8	41.2	40.7	41.0	40.7	40.9	41.1	40.6	40.8
Miscellaneous manufacturing	39.2	39.4	39.3	39.3	39.3	39.2	39.0	39.1	39.0	39.3	39.4	39.0	39.5
Nondurable goods	39.5	39.5	39.4	39.5	39.6	39.5	39.3	39.4	39.1	39.4	39.4	39.4	39.5
<i>Overtime hours</i>	3.1	3.0	3.0	3.1	3.0	3.0	2.9	2.9	3.0	2.9	3.0	3.0	3.1
Food and kindred products	39.7	39.7	39.7	39.7	40.1	39.8	39.7	39.8	39.6	40.1	39.6	40.1	39.9
Tobacco manufactures	38.9	38.3	38.7	39.0	38.8	38.3	39.2	38.9	35.4	37.0	36.6	34.8	37.7
Textile mill products	39.5	39.3	38.8	39.1	39.2	39.2	38.8	39.1	38.8	38.9	39.4	39.2	39.7
Apparel and other textile products	36.1	36.1	36.0	36.1	36.3	36.2	35.9	36.1	35.6	36.2	36.3	36.3	36.2
Paper and allied products	43.0	43.1	43.0	43.1	43.1	43.0	42.9	42.9	43.0	43.0	42.9	42.7	43.0
Printing and publishing	37.8	37.9	37.8	37.8	37.7	37.8	37.7	37.6	37.6	37.4	37.5	37.5	38.1
Chemicals and allied products	41.9	41.8	41.7	41.8	41.9	42.0	41.9	42.1	41.9	41.9	42.0	41.9	41.9
Petroleum and coal products	43.9	43.4	43.6	43.4	43.0	43.2	43.1	43.3	42.0	41.7	42.6	42.5	42.7
Rubber and misc. plastics products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Leather and leather products	36.2	36.5	36.6	36.6	36.9	36.8	36.4	37.1	37.0	37.1	37.0	36.9	37.5
Transportation and public utilities	39.4	39.8	39.2	39.4	39.3	39.3	39.4	39.5	39.4	39.5	39.5	39.4	39.7
Wholesale trade	38.7	38.7	38.6	38.6	38.6	38.6	38.6	38.7	38.6	38.7	38.8	38.6	38.5
Retail trade	29.9	29.9	29.8	29.9	29.9	29.8	29.8	29.8	29.7	29.9	29.9	29.7	29.7
Finance, insurance, and real estate	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Services	32.7	32.8	32.8	32.8	32.9	32.7	32.8	32.8	32.7	32.8	32.8	32.6	32.8

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

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

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

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 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	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^p	Aug. ^p
Total private	113.2	113.9	113.9	114.5	115.0	115.0	115.1	115.7	115.6	116.2	116.3	115.9	116.7
Goods-producing	99.1	99.2	99.1	99.3	99.9	100.0	98.8	99.6	99.1	99.1	98.6	98.5	99.0
Mining	113.3	114.1	111.7	112.6	112.1	110.9	112.2	112.6	113.6	114.0	112.6	111.0	108.5
Construction	115.5	117.0	116.9	118.4	119.4	121.3	121.2	123.4	125.7	124.4	122.4	124.0	124.4
Manufacturing	95.2	95.0	95.0	95.0	95.5	95.3	93.9	94.3	93.3	93.4	93.4	93.0	93.7
Durable goods	94.9	95.0	95.0	94.8	95.4	95.2	93.3	93.9	92.8	92.9	92.7	92.0	92.9
Lumber and wood products	95.3	96.0	95.9	95.8	96.8	96.2	93.3	94.4	93.2	94.0	94.1	94.0	94.5
Furniture and fixtures	103.1	103.9	104.4	105.7	106.0	108.4	105.7	106.0	104.7	102.6	102.8	102.6	104.4
Stone, clay, and glass products	86.8	87.0	87.2	87.2	87.8	87.8	87.2	88.2	87.8	88.0	87.4	87.4	86.8
Primary metal industries	71.0	70.2	70.2	70.2	69.3	69.0	68.4	68.0	66.9	66.9	67.2	66.1	65.9
Blast furnaces and basic steel products	57.7	56.8	56.1	57.0	55.0	55.1	55.5	54.8	54.6	54.4	54.3	54.4	53.2
Fabricated metal products	91.7	92.0	92.2	92.0	92.9	92.7	91.4	91.6	91.5	91.3	91.4	90.9	90.6
Machinery, except electrical	96.3	96.2	96.5	95.9	95.6	95.1	93.3	94.1	92.5	92.8	92.6	91.2	92.0
Electrical and electronic equipment	112.8	113.2	112.9	112.7	112.7	111.8	109.4	109.8	106.6	106.4	106.1	104.6	104.8
Transportation equipment	96.4	96.0	95.7	95.1	97.6	98.8	95.6	96.9	97.5	97.8	97.2	97.4	101.4
Motor vehicles and equipment	92.4	90.4	90.5	90.9	94.0	95.2	89.3	90.2	91.4	91.3	89.6	89.8	95.8
Instruments and related products	107.4	108.5	108.0	108.5	109.6	107.7	106.7	107.2	105.9	105.6	106.1	104.3	105.1
Miscellaneous manufacturing	84.8	85.0	85.4	85.1	84.8	83.9	82.9	82.8	81.7	82.3	81.9	80.2	83.1
Non-durable goods	95.7	95.1	95.1	95.3	95.7	95.6	94.7	95.0	94.1	94.3	94.3	94.5	94.8
Food and kindred products	96.1	95.7	96.0	96.3	98.0	97.6	97.3	98.0	97.1	98.6	98.4	98.6	98.2
Tobacco manufactures	88.3	88.7	89.7	90.4	89.9	90.5	90.8	88.3	82.0	84.0	83.1	79.0	83.9
Textile mill products	79.4	78.3	76.4	76.5	76.4	76.2	74.5	74.6	74.1	73.6	74.3	73.8	74.5
Apparel and other textile products	90.8	89.8	89.4	89.5	90.4	89.9	88.7	88.6	87.1	87.4	86.9	88.3	86.6
Paper and allied products	99.5	98.9	99.3	99.5	99.7	99.7	99.3	99.5	99.3	99.9	99.6	99.2	100.3
Printing and publishing	118.2	118.8	119.1	119.4	118.8	119.9	119.9	119.8	120.0	119.7	120.3	120.9	123.3
Chemicals and allied products	95.0	94.6	94.4	94.5	94.7	94.7	94.5	94.8	94.2	93.7	93.9	93.5	94.7
Petroleum and coal products	86.9	85.9	87.0	86.6	85.1	85.5	85.3	84.9	81.6	80.3	82.0	81.8	82.2
Rubber and misc. plastics products	111.0	110.4	111.6	112.5	112.7	112.4	110.4	111.1	109.6	109.1	108.7	108.1	108.6
Leather and leather products	70.5	69.7	69.5	68.5	68.6	67.5	65.9	66.7	66.1	66.3	65.6	67.3	68.4
Service-producing	121.0	122.0	122.1	122.9	123.4	123.3	124.0	124.6	124.7	125.7	126.1	125.6	126.6
Transportation and public utilities	105.7	107.0	105.7	106.5	106.5	106.7	107.2	107.6	107.5	108.2	108.2	108.2	108.6
Wholesale trade	115.5	116.3	116.5	116.8	117.3	117.7	117.9	118.6	118.8	119.5	120.2	119.7	120.0
Retail trade	113.7	114.1	114.5	115.8	116.0	115.9	116.4	116.8	116.7	118.2	118.5	117.8	118.2
Finance, insurance, and real estate	124.9	125.9	125.6	126.0	126.7	126.1	126.8	127.7	127.8	128.0	130.3	129.0	130.1
Services	133.5	134.9	135.5	136.1	137.0	136.8	137.9	138.7	138.9	139.8	139.9	139.5	141.4

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 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
SEASONALLY ADJUSTED**

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

Industry	1984					1985							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^o	Aug. ^p
Hourly Earnings Index ² (1977 = 100)													
Total private (in current dollars)	160.8	161.7	161.6	162.3	163.4	163.0	164.0	164.4	164.8	164.9	165.7	165.5	165.5
Mining	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Construction	147.7	147.9	147.7	147.6	148.9	149.2	150.8	149.9	150.4	150.0	149.3	149.2	148.5
Manufacturing	163.5	163.7	164.1	164.7	165.4	166.3	166.9	167.4	167.9	168.4	168.6	168.9	169.3
Transportation and public utilities	161.6	162.3	162.8	162.9	164.1	163.5	164.2	165.4	165.0	165.0	166.6	166.4	165.1
Wholesale trade	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Retail trade	153.7	154.0	154.0	155.2	155.6	154.5	155.4	155.5	155.6	155.9	155.9	156.0	156.2
Finance, insurance, and real estate	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Services	163.1	164.8	164.1	164.9	166.7	164.9	166.2	167.2	167.8	167.6	169.8	169.1	169.4
Total private (in constant dollars) ⁴	94.2	94.3	94.1	94.5	94.9	94.5	94.7	94.5	94.4	94.3	94.5	94.3	(^q)
Average hourly earnings													
Total private	\$8.35	\$8.40	\$8.38	\$8.42	\$8.47	\$8.44	\$8.49	\$8.52	\$8.54	c \$8.55	\$8.59	\$8.57	\$8.60
Mining	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)	(^q)
Construction	\$12.14	\$12.15	\$12.14	\$12.16	\$12.20	\$12.20	\$12.27	\$12.22	\$12.26	\$12.25	\$12.23	\$12.23	\$12.27
Manufacturing	9.22	9.24	9.28	9.31	9.35	9.38	9.41	9.43	9.48	9.49	9.51	9.52	9.58
Transportation and public utilities	11.13	11.18	11.16	11.18	11.23	11.21	11.25	11.27	11.30	11.31	11.40	11.39	11.39
Wholesale trade	8.98	9.05	9.01	9.09	9.19	9.09	9.20	9.23	9.22	9.24	9.32	9.26	9.25
Retail trade	5.87	5.89	5.90	5.93	5.93	5.92	5.94	5.95	5.94	5.96	5.94	5.96	5.97
Finance, insurance, and real estate	7.61	7.78	7.68	7.72	7.81	7.70	7.81	7.86	7.85	7.81	7.98	7.90	7.92
Services	7.66	7.72	7.70	7.74	7.81	7.74	7.81	7.86	7.88	c 7.89	7.97	7.94	7.96
Average weekly earnings													
Total private:													
In current dollars	293.92	296.52	294.98	296.38	298.14	296.24	298.00	299.90	298.90	c300.11	301.51	299.95	301.86
In constant (1977) dollars ⁴	172.19	172.80	171.80	172.62	173.14	171.73	172.15	172.46	171.19	c171.59	172.00	171.01	(^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.

^o = preliminary.

c = corrected.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 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		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
Alabama	40.7	40.9	40.8	\$8.04	\$8.48	\$8.54	\$327.23	\$346.83	\$348.43
Birmingham	41.0	41.1	39.6	8.34	8.73	8.69	341.94	358.80	344.12
Mobile	41.4	40.7	41.3	9.90	10.43	10.73	409.86	424.50	443.15
Alaska	44.3	37.8	38.7	9.91	11.67	10.46	439.01	441.13	404.80
Arizona	41.5	40.3	40.1	9.27	9.68	9.72	384.71	390.10	389.77
Phoenix	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Tucson	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Arkansas	40.4	40.8	39.7	7.31	7.57	7.55	295.32	308.86	299.74
Fayetteville-Springdale	41.8	38.7	39.1	6.22	6.50	6.66	260.00	251.55	260.41
Fort Smith	39.6	40.6	39.7	7.66	7.99	7.94	303.34	324.39	315.22
Little Rock-North Little Rock	40.8	40.8	40.1	7.98	8.28	8.22	325.58	337.82	329.62
Pine Bluff	39.0	42.5	40.2	9.36	9.56	9.84	365.04	406.30	395.57
California	39.9	40.3	39.7	9.80	10.11	10.14	391.02	407.43	402.56
Colorado	40.6	41.1	40.8	9.30	9.48	9.47	377.58	389.63	386.38
Denver-Boulder	40.4	41.4	41.1	9.68	9.87	9.86	391.07	408.62	405.25
Connecticut	42.3	41.8	41.5	9.22	9.51	9.55	309.01	397.52	396.33
Bridgeport-Milford	41.0	41.0	40.6	9.66	10.02	10.07	396.06	410.82	408.84
Hartford	42.3	42.0	41.5	9.81	9.85	9.86	414.96	413.70	409.19
New Britain	41.9	42.1	41.9	9.55	9.88	9.72	400.14	415.95	407.27
New Haven-Meriden	41.1	40.8	40.5	8.98	9.07	9.10	369.08	370.06	368.55
Stamford	42.3	41.5	40.9	9.00	9.42	9.66	380.70	390.93	395.09
Waterbury	42.6	43.3	42.4	7.79	7.91	7.96	331.85	342.50	337.50
Delaware	41.8	40.8	40.7	8.89	9.68	10.02	371.60	394.94	407.81
Wilmington	40.7	40.3	40.8	10.42	11.23	11.67	424.09	452.57	476.14
District of Columbia:									
Washington MSA	37.7	38.5	37.8	10.04	10.58	10.84	378.58	407.33	409.75
Florida	41.2	41.2	41.0	7.57	7.85	7.83	311.88	323.42	321.03
Fort Lauderdale-Hollywood-Pompano Beach	41.1	42.0	41.0	7.40	7.72	7.72	304.14	324.24	316.52
Jacksonville	40.9	41.1	41.0	8.12	8.21	8.38	332.11	337.43	343.58
Lakeland-Winter Haven	40.5	39.5	41.5	7.62	7.78	7.92	308.61	307.31	328.68
Miami-Hialeah	39.4	39.3	38.7	6.35	6.89	6.93	250.19	270.78	268.19
Orlando	42.2	42.1	41.2	8.01	8.42	8.50	338.02	354.48	350.20
Pensacola	41.3	41.9	41.4	9.00	9.44	9.23	371.70	395.54	382.12
Tampa-St. Petersburg-Clearwater	41.7	41.4	40.8	7.65	7.70	7.72	319.01	318.78	314.98
West Palm Beach-Boca Raton-Delray Beach	39.9	41.6	39.5	7.68	8.14	8.34	306.43	338.62	329.43
Georgia	40.7	41.1	40.7	7.54	7.87	7.99	306.88	323.46	325.19
Atlanta	40.2	41.2	41.2	8.47	9.28	9.35	340.49	382.34	385.22
Savannah	44.9	42.1	42.9	9.82	10.05	10.14	440.92	423.11	435.01
Hawaii	38.9	37.1	36.9	8.15	8.65	8.53	317.04	320.92	314.76
Honolulu	37.8	37.2	37.2	8.21	8.72	8.65	310.34	324.38	321.78
Idaho	35.7	38.2	37.8	9.79	9.47	9.62	349.50	361.75	363.64
Illinois	40.4	40.7	40.7	10.07	10.40	10.45	406.83	423.28	425.32
Aurora-Elgin	36.9	39.5	39.4	10.15	10.11	10.16	374.54	399.35	400.30
Bloomington-Normal	36.5	39.0	38.0	10.14	10.18	10.16	370.11	397.02	386.08
Champaign-Urbana-Rantoul	32.7	39.8	39.6	9.15	8.85	8.87	299.21	352.23	351.25
Chicago	40.0	41.3	41.1	9.65	10.15	10.16	386.00	419.20	417.58
Davenport-Rock Island-Moline	38.7	38.4	38.2	12.42	12.38	12.58	480.65	475.39	480.56
Decatur	34.7	39.7	39.7	12.71	13.30	13.17	441.04	528.01	522.85
Joliet	41.3	41.0	40.8	11.02	11.51	11.67	455.13	471.91	476.14
Kankakee	35.1	38.9	39.1	10.08	10.65	10.61	353.81	414.29	414.85
Lake County	41.2	40.0	40.8	9.50	9.98	9.94	391.40	399.20	405.55
Peoria	36.9	41.3	39.3	12.39	12.59	12.52	457.19	519.97	492.04
Rockford	40.3	41.6	41.3	10.02	10.80	10.85	403.81	449.28	448.11
Springfield	36.9	43.2	42.7	11.17	11.96	11.78	412.17	516.67	503.01

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		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
Indiana	41.3	41.4	41.0	\$10.40	\$10.65	\$10.72	\$429.52	\$440.91	\$439.52
Gary-Hammond	40.6	42.1	42.5	13.29	13.97	14.01	539.57	588.14	595.42
Indianapolis	42.2	41.5	40.4	10.70	11.25	11.27	451.54	466.88	455.31
Iowa	39.5	40.1	39.3	10.27	10.33	10.40	405.67	414.23	408.72
Cedar Rapids	40.5	40.4	38.8	11.03	11.49	11.43	446.72	464.20	443.48
Des Moines	38.7	39.1	39.6	12.18	11.43	11.72	471.37	446.91	464.11
Dubuque	41.3	39.6	38.9	11.09	11.71	11.81	458.02	463.72	459.41
Sioux City	38.5	40.6	40.4	8.61	8.23	8.27	331.49	334.14	334.11
Waterloo-Cedar Falls	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Kansas	40.0	39.7	39.1	9.38	9.33	9.39	375.20	370.40	367.15
Topeka	40.1	40.0	38.8	9.66	10.47	10.40	387.37	418.80	403.52
Wichita	41.9	38.7	38.7	9.93	9.80	9.88	416.07	379.26	382.36
Kentucky	38.3	39.1	38.4	9.30	9.55	9.57	356.19	373.41	367.49
Lexington-Fayette	38.9	39.6	38.3	9.86	10.16	10.07	383.55	402.34	385.68
Louisville	40.5	40.7	40.4	10.48	10.66	10.67	424.44	433.86	431.07
Louisiana	41.3	41.5	40.6	10.12	10.25	10.38	417.96	425.38	421.43
Baton Rouge	44.1	41.8	41.7	12.03	12.12	12.22	530.52	506.62	509.57
New Orleans	42.1	40.6	40.2	10.18	10.49	10.53	428.58	425.89	423.31
Shreveport	39.8	39.8	36.9	9.91	10.30	10.10	394.42	409.94	372.69
Maine	39.7	40.2	40.3	8.16	8.31	8.18	323.95	334.06	329.65
Lewiston-Auburn	38.5	40.1	39.8	6.80	6.67	6.81	261.80	267.47	271.04
Portland	39.6	39.1	38.2	8.34	8.87	8.73	330.26	346.82	333.49
Maryland	40.9	40.2	40.4	9.50	9.71	9.88	388.55	390.34	399.15
Baltimore MSA	41.1	40.9	41.2	9.95	10.04	10.28	408.95	410.64	423.54
Massachusetts	39.5	40.4	40.2	8.53	9.00	9.06	336.94	363.60	364.21
Boston	39.9	40.0	39.7	9.25	9.63	9.62	369.08	385.20	381.91
Brockton	39.0	38.8	38.0	6.49	7.05	7.09	253.11	273.54	269.42
Fall River	35.6	37.9	38.7	6.78	6.79	6.89	241.37	257.34	266.64
Lawrence-Haverhill	39.4	40.5	40.5	8.54	8.82	8.86	336.48	357.21	358.83
Lowell	38.3	42.3	41.7	7.85	8.22	8.21	300.66	347.71	342.36
New Bedford	40.2	39.5	38.6	7.42	7.80	7.74	298.28	308.10	298.76
Springfield	41.0	42.2	41.6	8.49	8.92	9.03	348.09	376.42	375.65
Worcester	39.6	40.8	40.7	8.66	8.97	8.95	342.94	365.98	364.27
Michigan	42.2	43.0	42.7	12.19	12.66	12.62	514.42	544.38	538.87
Ann Arbor	44.3	45.0	43.3	13.13	13.28	13.09	581.66	597.60	566.80
Battle Creek	42.3	41.8	41.5	12.44	13.27	13.51	526.21	554.69	560.66
Detroit	42.6	44.2	43.0	12.85	13.44	13.37	547.41	594.05	574.91
Flint	44.2	45.3	46.4	14.17	14.97	14.46	626.31	678.14	670.94
Grand Rapids	41.1	40.0	39.9	10.47	10.75	10.79	430.32	430.00	430.52
Jackson	40.9	42.5	41.1	9.88	10.21	9.98	404.09	433.92	410.18
Kalamazoo	41.4	43.0	42.8	11.64	11.76	12.57	481.90	505.68	538.00
Lansing-East Lansing	43.4	39.0	41.4	13.77	13.94	14.74	597.62	543.66	610.24
Muskegon	40.5	40.5	39.3	10.82	11.06	11.19	438.21	447.93	439.77
Saginaw-Bay City-Midland	43.6	44.6	44.7	14.48	14.11	14.14	631.33	629.31	632.06
Minnesota	39.9	39.7	39.7	9.63	10.08	10.04	384.24	400.18	398.59
Duluth	37.1	39.3	35.9	9.94	10.10	10.07	368.77	396.93	361.51
Minneapolis-St. Paul	39.8	39.6	39.5	10.35	10.84	10.84	411.93	429.26	428.18
St. Cloud	39.0	39.4	39.0	9.08	9.47	9.51	354.12	373.12	370.89
Mississippi	39.9	40.6	39.4	6.87	7.18	7.14	274.11	291.51	281.32
Jackson	40.2	41.1	40.6	7.79	8.14	8.17	313.16	334.55	331.70
Missouri	39.7	40.4	(¹)	9.29	9.55	(¹)	368.81	385.82	(¹)
Kansas City	40.7	41.9	40.9	10.55	10.90	10.75	429.39	456.71	439.68
St. Joseph	39.2	39.8	42.6	7.88	8.62	8.69	308.90	343.07	370.19
St. Louis	39.7	40.4	(¹)	10.74	11.03	(¹)	426.38	445.61	(¹)
Springfield	38.7	39.3	38.2	8.30	8.75	8.87	321.21	343.88	338.83
Montana	38.4	39.5	37.9	10.91	10.93	10.79	418.94	431.74	408.94

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		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
Nebraska	40.8	41.2	39.8	\$8.98	\$8.95	\$9.13	\$366.38	\$368.74	\$363.37
Lincoln	42.4	40.6	38.5	9.34	9.42	9.74	396.02	382.45	374.99
Omaha	40.2	41.8	40.5	9.42	9.67	9.90	378.68	404.21	400.95
Nevada	39.2	40.8	40.3	9.13	9.09	9.26	357.90	370.87	373.18
Las Vegas	38.3	39.8	40.4	11.37	10.81	10.74	435.47	430.24	433.90
New Hampshire	40.7	40.5	39.9	7.89	8.40	8.48	321.12	340.20	338.35
Manchester	39.3	39.7	39.5	7.66	8.09	8.25	301.04	321.17	325.88
Nashua	40.2	41.0	38.9	9.34	10.06	10.17	375.47	412.46	395.61
New Jersey	40.8	41.1	40.7	9.50	9.83	9.86	387.60	404.01	401.30
Atlantic City	36.3	38.4	38.6	8.57	8.56	8.45	311.09	328.70	326.17
Bergen-Passaic	40.5	41.9	41.6	8.89	9.50	9.60	360.04	398.05	399.36
Camden	40.2	40.4	40.2	9.62	9.95	9.93	386.72	401.98	399.19
Jersey City	38.8	39.8	39.7	8.78	8.97	8.98	340.66	357.01	356.51
Middlesex-Somerset-Hunterdon	42.7	42.7	42.2	10.21	10.76	10.82	435.97	459.45	456.60
Newark	41.2	41.8	41.6	9.26	9.68	9.67	381.51	404.62	402.27
Trenton	39.3	38.3	39.1	9.15	9.84	9.94	359.60	376.87	388.65
New Mexico	40.2	40.6	39.1	8.16	8.20	8.76	328.03	332.92	342.52
Albuquerque	39.7	40.7	37.5	7.90	8.53	8.08	313.63	347.17	303.00
New York	39.5	39.8	39.5	9.22	9.62	9.71	364.19	382.88	383.55
Albany-Schenectady-Troy	40.7	39.8	39.5	9.61	9.73	9.80	391.12	387.25	387.10
Binghamton	41.0	40.6	39.7	8.20	8.55	8.44	336.20	347.13	335.07
Buffalo	40.8	42.3	42.0	11.39	12.09	12.21	464.71	511.41	512.82
Elmira	40.0	39.3	39.5	9.01	9.00	9.12	360.40	353.70	360.24
Glens Falls	38.6	39.4	39.9	9.37	9.55	9.72	361.68	376.27	387.83
Monroe County	42.0	42.4	41.9	11.92	12.35	12.60	500.64	523.64	527.94
Nassau-Suffolk	40.1	40.3	40.0	9.08	9.46	9.52	364.11	381.24	380.80
New York PMSA	36.9	37.4	37.1	8.32	8.80	8.90	307.01	329.12	330.19
New York City	36.5	37.0	36.7	8.21	8.60	8.73	299.67	318.20	320.39
Niagara Falls	41.9	42.6	42.0	11.79	12.70	12.63	494.00	541.02	530.46
Orange County	39.1	38.2	37.6	7.04	7.13	7.16	275.26	272.37	269.22
Poughkeepsie	42.0	43.1	41.6	8.52	8.76	8.56	357.84	377.56	356.10
Rochester	41.3	42.1	41.6	11.11	11.57	11.71	458.84	487.10	487.14
Rockland County	39.8	41.0	40.9	9.72	9.89	9.52	386.86	405.49	389.37
Syracuse	41.1	40.8	40.9	10.49	10.87	10.91	431.14	443.50	446.22
Utica-Rome	41.5	41.3	40.9	8.50	8.48	8.66	352.75	350.22	354.19
Westchester County	39.3	39.1	39.5	8.87	9.98	10.06	348.59	390.22	397.37
North Carolina	39.5	39.5	38.8	7.01	7.26	7.24	276.90	286.77	280.91
Asheville	40.6	41.0	40.5	7.09	7.29	7.26	287.85	298.89	294.03
Charlotte-Gastonia-Rock Hill	39.9	39.1	38.5	7.08	7.35	7.42	282.49	287.39	285.67
Greensboro-Winston-Salem-High Point	39.1	39.0	38.0	7.65	7.96	7.85	299.12	310.44	298.30
Raleigh-Durham	40.8	41.2	40.3	8.09	8.26	8.27	330.07	340.31	333.28
North Dakota	38.3	39.0	38.5	7.94	7.97	8.06	304.10	310.83	310.31
Fargo-Moorhead	37.5	37.5	37.5	8.36	8.34	8.42	313.50	312.75	315.75
Ohio	41.7	42.3	41.7	10.90	11.37	11.34	454.53	480.95	472.88
Akron	43.4	43.5	43.0	10.68	11.07	11.01	463.51	481.55	473.43
Canton	40.4	39.7	39.5	10.81	10.95	10.93	436.72	434.72	431.74
Cincinnati	41.0	41.1	41.0	10.50	10.57	10.50	430.50	434.43	430.50
Cleveland	41.1	42.2	41.0	10.69	11.19	11.08	439.36	472.22	454.28
Columbus	40.0	41.1	40.7	10.40	10.77	10.77	416.00	442.65	438.34
Dayton-Springfield	42.8	44.6	44.4	11.27	12.18	12.14	482.36	543.23	539.02
Toledo	42.4	42.5	42.2	11.53	12.18	12.32	488.87	517.65	519.90
Youngstown-Warren	44.0	42.8	43.1	13.05	13.17	13.30	574.20	563.68	573.23
Oklahoma	41.1	41.1	40.5	9.95	9.85	9.73	408.95	404.84	394.07
Oklahoma City	41.6	40.7	40.4	10.27	10.39	10.16	427.23	422.87	410.46
Tulsa	39.6	40.7	38.6	10.38	10.54	10.47	411.05	428.98	404.14
Oregon	38.7	39.3	37.6	10.57	10.64	10.49	409.06	418.15	394.42
Eugene-Springfield	38.3	40.8	37.9	10.82	10.95	10.86	414.41	446.76	411.59
Portland	39.0	39.2	37.9	10.53	10.45	10.44	410.67	409.64	395.68
Salem	38.4	37.4	34.9	8.85	9.31	8.52	339.84	348.19	297.35

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		
	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a
Pennsylvania	40.1	40.0	40.0	\$9.27	\$9.56	\$9.58	\$371.73	\$382.40	\$383.20
Allentown-Bethlehem	39.6	39.5	39.8	9.92	10.27	10.33	392.83	405.67	411.13
Altoona	39.4	40.7	40.2	8.07	8.19	8.18	317.96	333.33	328.84
Beaver County	40.5	40.0	42.2	11.40	11.73	11.83	461.70	469.20	499.23
Delaware Valley	39.9	39.8	39.7	9.66	9.97	10.00	385.43	396.81	397.00
Erie	43.1	41.9	42.6	9.91	10.08	10.14	427.12	422.35	431.96
Harrisburg-Lebanon-Carlisle	39.2	39.6	38.9	9.03	9.06	9.09	353.98	358.78	353.60
Johnstown	36.5	38.2	37.8	8.36	8.22	8.07	305.14	314.00	305.05
Lancaster	39.4	39.8	39.4	8.73	9.17	9.16	343.96	364.97	360.90
Philadelphia PMSA	40.1	39.9	40.0	9.66	9.97	10.00	387.37	397.80	400.00
Pittsburgh	40.9	40.9	40.5	10.76	11.01	11.03	440.08	450.31	446.72
Reading	40.2	40.1	40.8	9.34	9.85	9.88	375.47	394.99	403.10
Scranton-Wilkes-Barre	38.1	38.1	38.3	7.78	8.08	8.24	296.42	307.85	315.59
Williamsport	40.3	39.9	39.5	7.81	8.60	8.58	314.74	343.14	338.91
York	40.8	40.9	40.7	8.62	8.88	8.88	351.70	363.19	361.42
Rhode Island	39.9	41.1	40.2	7.25	7.50	7.53	289.28	308.25	302.71
Pawtucket-Woonsocket-Attleboro	40.0	40.5	39.8	6.64	7.19	7.21	265.60	291.20	286.96
Providence	40.4	40.9	39.9	7.33	7.63	7.67	296.13	312.07	306.03
South Carolina	40.2	40.6	39.7	7.28	7.64	7.65	292.66	310.18	303.70
Charleston	41.3	43.9	43.3	8.74	9.25	9.39	360.96	406.08	406.59
Columbia	40.1	40.3	39.2	7.13	7.51	7.55	285.91	302.65	295.96
Greenville-Spartanburg	40.2	41.2	40.3	7.11	7.39	7.39	285.82	304.47	297.82
South Dakota	42.1	43.2	42.2	7.14	7.35	7.45	300.59	317.52	314.39
Sioux Falls	47.0	48.5	47.6	6.78	7.29	7.42	318.66	353.57	353.19
Tennessee	40.4	41.4	40.3	7.87	8.14	8.22	317.95	337.00	331.27
Chattanooga	41.7	41.8	40.8	7.39	7.40	7.44	308.16	309.32	303.55
Knoxville	40.3	41.9	40.7	8.76	8.78	8.96	353.90	367.88	364.67
Memphis	42.7	42.6	41.8	8.22	8.73	8.75	350.99	371.90	365.75
Nashville	40.1	39.4	39.8	8.85	9.60	9.15	354.88	378.24	364.17
Texas	41.4	41.2	40.6	9.02	9.34	9.40	373.43	384.81	381.64
Dallas	41.2	41.4	41.1	8.67	9.12	9.11	357.20	377.57	374.42
Ft. Worth-Arlington	41.1	41.5	40.8	8.83	9.45	9.44	362.91	392.18	385.15
Houston	42.6	42.7	42.2	10.69	11.16	11.27	455.39	476.53	475.59
San Antonio	40.0	40.2	39.8	6.65	7.07	7.11	266.00	284.21	282.98
Utah	39.4	40.5	39.6	9.04	9.36	9.47	356.18	379.08	375.01
Salt Lake City-Ogden	39.9	39.0	38.6	8.72	9.23	9.15	347.93	359.97	353.19
Vermont	40.0	40.3	39.7	8.07	8.31	8.33	322.80	334.89	330.70
Burlington	41.9	41.8	41.2	8.88	9.30	9.26	372.07	388.74	381.51
Springfield	40.7	40.9	40.3	8.16	8.48	8.42	332.11	346.83	339.33
Virginia	40.3	40.2	39.6	8.14	8.51	8.50	328.04	342.10	336.60
Bristol	41.1	41.5	40.8	7.00	6.98	7.25	287.70	289.67	295.80
Charlottesville	40.8	39.5	38.8	7.04	7.11	7.06	287.23	280.85	273.93
Danville	39.6	40.4	39.5	7.62	7.53	7.83	301.75	304.21	309.29
Lynchburg	40.9	38.6	39.7	7.75	8.04	8.15	316.98	310.34	323.56
Norfolk-Virginia Beach-Newport News	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Northern Virginia	40.5	38.6	37.6	8.64	8.85	8.87	349.92	341.61	333.51
Richmond-Petersburg	39.2	40.0	37.7	10.67	11.02	10.85	418.26	440.80	409.05
Roanoke	40.7	36.6	41.0	7.46	7.11	7.49	303.62	260.23	307.09
Washington	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p	July 1984	June 1985	July 1985 ^p
West Virginia	39.3	40.4	39.3	\$10.05	\$10.36	\$10.59	\$394.97	\$418.54	\$416.19
Charleston	42.3	41.9	42.0	12.37	13.06	12.56	523.25	547.21	527.52
Huntington-Ashland	38.0	38.2	38.9	11.34	11.54	11.63	430.92	440.83	452.41
Parkersburg-Marietta	42.1	41.7	40.8	11.19	11.68	11.77	471.10	487.06	480.22
Wheeling	39.7	40.4	39.2	11.46	11.61	12.40	454.96	469.04	486.08
Wisconsin	40.8	41.3	40.9	9.93	10.25	10.18	405.14	423.33	416.36
Appleton-Oshkosh	42.8	42.9	43.3	9.68	9.99	9.99	414.30	428.57	432.57
Eau Claire	40.4	40.2	41.5	9.87	10.46	10.75	398.75	420.49	446.13
Green Bay	42.7	41.8	41.6	10.41	10.99	10.95	444.51	459.38	455.52
Janesville-Beloit	40.2	40.1	37.9	11.57	11.97	12.17	465.11	480.00	461.24
Kenosha	41.0	40.7	39.3	11.82	12.66	12.16	484.62	515.26	477.89
La Crosse	37.7	37.5	36.8	8.78	9.47	9.24	331.01	355.13	340.03
Madison	41.7	40.4	41.6	10.03	9.52	9.50	418.25	384.61	395.20
Milwaukee	40.8	41.1	40.9	11.24	11.55	11.58	458.59	474.71	473.62
Racine	39.2	39.8	38.8	10.57	10.59	10.47	414.34	421.48	406.24
Sheboygan	39.5	40.0	38.0	9.44	9.66	9.25	372.88	386.40	351.50
Wausau	42.4	44.0	42.5	9.39	9.53	9.61	398.14	419.32	408.43
Wyoming	40.1	39.5	38.8	8.94	9.69	9.55	358.49	382.76	370.54
Puerto Rico	38.0	37.9	(¹)	5.01	5.10	(¹)	190.38	193.29	(¹)
Virgin Islands	42.4	42.1	42.4	9.12	9.33	9.23	386.69	392.79	391.35

¹ Not available.

^p = preliminary.

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

this publication. All State and area data have been adjusted to March 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		
	June 1985 ¹	July 1985 ¹	Aug. 1985 ²	Aug. 1984 to Aug. 1985 ²	June 1985 to July 1985 ¹	July 1985 to Aug. 1985 ²
Total	182,625	182,479	183,517	3.0	-0.1	0.6
Private sector	150,565	150,180	151,009	3.2	-.3	.6
Mining	2,211	2,166	2,149	-2.7	-2.0	-.8
Construction	9,015	9,095	9,124	6.5	.9	.3
Manufacturing	40,730	40,552	40,786	-.9	-.4	.6
Durable goods	24,585	24,411	24,630	-1.0	-.7	.9
Nondurable goods	16,146	16,141	16,157	-.8	.0	.1
Transportation and public utilities	10,907	10,898	10,916	2.3	-.1	.2
Wholesale trade	11,637	11,598	11,630	3.8	-.3	.3
Retail trade	27,098	26,958	27,035	4.5	-.5	.3
Finance, insurance, and real estate	11,275	11,233	11,320	4.8	-.4	.8
Services	37,692	37,680	38,048	6.3	.0	1.0
Government	32,060	32,298	32,509	1.9	.7	.7

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

² = preliminary.

= revised.

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

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

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

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

(1977 = 100)

Item	Annual average		Quarterly index										
	1983	1984	1982	1983				1984				1985	
			IV	I	II	III	IV	I	II	III	IV	I	II'
Business sector													
Output per hour of all persons	103.7	107.0	101.6	102.2	103.6	104.3	104.7	105.7	107.0	107.2	108.0	106.9	107.3
Output	111.0	120.8	105.8	106.9	110.1	112.5	114.7	117.8	121.0	121.5	123.0	123.0	123.7
Hours	107.1	112.9	104.1	104.7	106.2	107.9	109.5	111.4	113.0	113.4	113.9	115.0	115.3
Compensation per hour	161.7	168.6	158.4	160.2	161.0	161.8	164.2	166.7	167.5	169.3	171.1	173.1	174.5
Real compensation per hour	98.4	98.4	98.0	99.0	98.5	97.9	98.4	98.6	98.2	98.3	98.5	98.9	98.6
Unit labor costs	156.0	157.6	155.9	156.8	155.4	155.1	156.8	157.7	156.5	158.0	158.4	161.9	162.7
Unit nonlabor payments	145.5	157.0	136.5	139.8	144.6	147.9	149.1	151.6	157.2	158.5	160.2	159.1	160.0
Implicit price deflator	152.4	157.4	149.3	151.0	151.7	152.7	154.2	155.6	156.7	158.1	159.0	160.9	161.7
Nonfarm business sector													
Output per hour of all persons	103.4	106.2	100.5	101.6	103.6	104.1	104.4	105.2	106.6	106.3	106.9	106.0	106.3
Output	111.2	120.7	105.2	106.7	110.4	112.7	115.2	118.0	121.0	121.3	122.7	122.8	123.5
Hours	107.5	113.6	104.7	105.1	106.5	108.2	110.3	112.3	113.6	114.1	114.8	115.8	116.2
Compensation per hour	162.0	168.7	157.9	160.1	161.5	162.4	164.0	166.5	168.0	169.5	171.0	173.1	174.5
Real compensation per hour	98.6	98.4	97.7	99.0	98.8	98.3	98.3	98.4	98.4	98.4	98.5	98.9	98.7
Unit labor costs	156.6	158.8	157.1	157.6	155.9	155.9	157.1	158.3	157.6	159.5	160.0	163.3	164.2
Unit nonlabor payments	147.0	156.9	136.4	140.6	146.4	149.4	151.4	152.2	156.8	158.0	160.3	160.3	161.7
Implicit price deflator	153.4	158.2	150.2	151.9	152.7	153.8	155.2	156.3	157.3	159.0	160.1	162.3	163.4
Manufacturing													
Output per hour of all persons	111.6	115.6	108.0	110.0	110.9	113.0	112.7	114.2	114.8	116.7	116.5	116.7	118.8
Output	104.4	115.3	96.8	99.2	102.4	106.8	109.2	113.0	114.9	116.7	116.7	117.0	117.8
Hours	93.5	99.8	89.6	90.2	92.4	94.6	96.9	98.9	100.1	100.0	100.2	100.3	99.1
Compensation per hour	163.4	169.4	161.0	162.7	163.0	163.5	164.6	167.1	168.3	169.9	172.1	174.4	176.5
Real compensation per hour	99.4	98.8	99.6	100.6	99.6	98.9	98.6	98.8	98.6	98.7	99.1	99.6	99.7
Unit labor costs	146.4	146.5	149.2	147.9	147.0	144.7	146.1	146.3	146.6	145.5	147.7	149.5	148.6
Durable goods													
Output per hour of all persons	111.5	116.9	106.8	109.3	110.5	113.0	113.0	115.3	116.1	118.3	117.7	118.2	120.2
Output	102.6	117.4	93.3	96.3	99.9	105.3	108.9	114.1	116.6	119.4	119.5	119.8	120.3
Hours	92.0	100.4	87.4	88.1	90.4	93.2	96.4	98.9	100.4	101.0	101.5	101.4	100.0
Compensation per hour	162.5	167.7	160.7	162.2	162.2	162.5	163.4	165.8	167.0	168.1	170.1	172.9	175.0
Real compensation per hour	98.9	97.9	99.4	100.2	99.2	98.4	97.9	98.1	97.8	97.6	97.9	98.7	98.9
Unit labor costs	145.8	143.5	150.4	148.4	146.8	143.8	144.5	143.8	143.8	142.1	144.4	146.3	145.6
Nondurable goods													
Output per hour of all persons	111.9	113.6	109.6	111.1	111.4	112.9	112.2	112.5	112.9	114.4	114.7	114.3	116.6
Output	107.1	112.3	102.0	103.6	106.1	109.1	109.5	111.4	112.3	112.8	112.7	112.8	114.0
Hours	95.7	98.9	93.0	93.3	95.3	96.6	97.6	99.0	99.5	98.6	98.2	98.7	97.8
Compensation per hour	165.6	171.9	162.7	164.5	165.1	165.7	167.1	169.5	170.6	172.7	175.1	176.6	178.7
Real compensation per hour	100.7	100.3	100.7	101.7	101.0	100.3	100.1	100.2	100.0	100.3	100.8	100.8	101.0
Unit labor costs	148.0	151.4	148.4	148.1	148.2	146.8	149.0	150.6	151.2	151.1	152.7	154.5	153.2
Nonfinancial corporations¹													
Output per all-employee hour	106.1	108.5	103.2	104.0	105.8	107.2	107.2	108.1	108.9	108.2	108.8	108.1	108.1
Output	112.6	122.8	106.4	107.5	111.4	114.7	117.0	120.2	123.1	123.1	124.7	124.9	125.5
Hours	106.2	113.2	103.1	103.4	105.2	106.9	109.2	111.2	113.1	113.8	114.6	115.5	116.1
Compensation per hour	161.0	166.6	157.7	159.2	160.6	161.8	162.6	164.8	165.8	167.1	168.7	170.3	171.6
Real compensation per hour	97.9	97.2	97.5	98.4	98.2	97.9	97.4	97.5	97.2	97.1	97.1	97.3	97.0
Total unit costs	155.2	156.4	157.0	156.7	155.2	154.4	154.7	155.0	155.0	157.5	158.0	160.2	161.6
Unit labor costs	151.8	153.6	152.9	153.1	151.7	150.9	151.7	152.5	152.3	154.5	155.0	157.5	158.8
Unit nonlabor costs	164.9	164.3	168.8	167.0	165.1	164.4	163.3	162.0	162.8	165.9	166.4	168.1	169.8
Unit profits	117.2	147.6	75.6	92.5	111.8	126.6	135.9	143.2	151.1	145.3	150.7	150.4	149.3
Implicit price deflator	150.9	155.4	147.7	149.4	150.2	151.2	152.6	153.6	154.6	156.1	157.1	159.1	160.2

¹ Second quarter 1985 measures for the nonfinancial corporate sector are preliminary.

= revised.

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

PRODUCTIVITY DATA
SEASONALLY ADJUSTED

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

Item	Percent change from											
	Previous quarter						Same quarter, previous year					
	I 1984	II 1984	III 1984	IV 1984	I 1985	II 1985'	I 1984	II 1984	III 1984	IV 1984	I 1985	II 1985'
Business sector												
Output per hour of all persons	4.0	4.9	0.6	3.1	-3.9	1.3	3.5	3.3	2.7	3.2	1.1	0.3
Output	11.4	11.2	1.8	5.0	.0	2.4	10.2	9.9	8.0	7.3	4.4	2.3
Hours	7.2	6.0	1.2	1.8	4.1	1.1	6.5	6.4	5.1	4.0	3.2	2.0
Compensation per hour	6.2	1.9	4.4	4.4	4.8	3.3	4.1	4.0	4.6	4.2	3.8	4.2
Real compensation per hour .....	.8	-1.8	.7	.8	1.4	-9	-4	-3	.4	.1	.3	.5
Unit labor costs	2.1	-2.9	3.7	1.2	9.1	1.9	.6	.7	1.9	1.0	2.7	3.9
Unit nonlabor payments	7.0	15.4	3.4	4.3	-2.6	2.3	8.4	8.7	7.1	7.4	4.9	1.8
Implicit price deflator	3.7	2.9	3.6	2.2	5.0	2.0	3.0	3.3	3.6	3.1	3.4	3.2
Nonfarm business sector												
Output per hour of all persons	2.9	5.5	-1.1	2.2	-3.1	1.0	3.5	2.9	2.1	2.4	.8	-.3
Output	10.3	10.6	.7	4.7	.5	2.2	10.6	9.7	7.6	6.5	4.0	2.0
Hours	7.2	4.8	1.8	2.4	3.7	1.2	6.9	6.6	5.4	4.0	3.2	2.3
Compensation per hour	6.1	3.7	3.6	3.7	5.0	3.3	4.0	4.0	4.4	4.3	4.0	3.9
Real compensation per hour .....	.7	.0	-.1	.1	1.7	-.8	-.5	-.3	.2	.2	.4	.2
Unit labor costs	3.1	-1.7	4.7	1.4	8.4	2.3	.4	1.1	2.3	1.9	3.1	4.2
Unit nonlabor payments	2.3	12.5	3.1	5.9	.1	3.6	8.3	7.1	5.7	5.9	5.3	3.2
Implicit price deflator	2.8	2.8	4.2	2.9	5.5	2.8	2.9	3.0	3.4	3.2	3.8	3.8
Manufacturing												
Output per hour of all persons	5.5	2.2	6.8	-.6	.4	7.5	3.8	3.6	3.3	3.4	2.1	3.5
Output	14.8	6.9	6.5	.0	.9	2.6	13.9	12.2	9.3	7.0	3.5	2.5
Hours	8.8	4.6	-.2	.7	.4	-4.5	9.7	8.3	5.8	3.4	1.4	-.9
Compensation per hour	6.2	2.9	3.7	5.2	5.6	4.8	2.7	3.3	3.9	4.5	4.4	4.8
Real compensation per hour .....	.8	-.8	.1	1.6	2.2	.6	-1.7	-1.0	-.3	.4	.8	1.1
Unit labor costs .....	.6	.7	-2.8	5.9	5.1	-2.5	-1.0	-.3	.6	1.0	2.2	1.3
Durable goods												
Output per hour of all persons	8.4	2.8	7.6	-1.8	1.5	7.1	5.5	5.1	4.6	4.2	2.5	3.5
Output	20.3	9.2	9.9	.3	1.2	1.5	18.5	16.7	13.4	9.7	5.0	3.1
Hours	10.9	6.2	2.1	2.1	-.4	-5.2	12.3	11.1	8.4	5.3	2.5	-.4
Compensation per hour	6.1	2.8	2.6	4.9	6.9	4.9	2.2	2.9	3.4	4.1	4.3	4.8
Real compensation per hour .....	.8	-.9	-1.0	1.3	3.5	.7	-2.2	-1.4	-.8	.0	.7	1.1
Unit labor costs	-2.2	.0	-4.6	6.8	5.3	-2.0	-3.1	-2.0	-1.2	-.1	1.8	1.3
Nondurable goods												
Output per hour of all persons	1.3	1.2	5.4	1.1	-1.3	8.3	1.3	1.3	1.3	2.2	1.6	3.3
Output	7.1	3.6	1.5	-.4	.4	4.5	7.5	5.9	3.4	2.9	1.3	1.5
Hours	5.8	2.4	-3.7	-1.5	1.7	-3.6	6.1	4.5	2.1	.7	-.3	-1.8
Compensation per hour	5.8	2.7	5.1	5.5	3.5	4.8	3.0	3.3	4.3	4.8	4.2	4.7
Real compensation per hour .....	.5	-1.0	1.4	1.9	.2	.6	-1.4	-1.0	.1	.7	.6	1.0
Unit labor costs	4.5	1.5	-.3	4.3	4.9	-3.3	1.7	2.0	2.9	2.5	2.6	1.4
Nonfinancial corporations¹												
Output per all-employee hour	3.6	2.8	-2.5	2.5	-2.5	-.3	4.0	2.9	.9	1.6	.0	-.7
Output	11.6	9.8	.2	5.2	.6	1.8	11.8	10.5	7.4	6.6	3.9	1.9
Hours	7.7	6.8	2.8	2.6	3.3	2.1	7.5	7.5	6.4	5.0	3.9	2.7
Compensation per hour	5.7	2.4	3.2	3.7	3.9	2.9	3.6	3.3	3.3	3.8	3.3	3.5
Real compensation per hour .....	.4	-1.3	-.4	.2	.6	-1.2	-.9	-1.0	-.9	-.3	-.2	-.2
Total unit costs .....	.6	.2	6.5	1.2	5.9	3.5	-1.1	-.1	2.0	2.1	3.4	4.2
Unit labor costs	2.0	-.4	5.9	1.2	6.6	3.2	-.4	.4	2.4	2.2	3.3	4.2
Unit nonlabor costs	-3.2	2.0	8.0	1.1	4.0	4.1	-3.0	-1.4	.9	1.9	3.8	4.3
Unit profits	23.4	23.8	-14.5	16.0	-1.0	-2.7	54.8	35.2	14.7	10.9	5.0	-1.2
Implicit price deflator	2.7	2.6	3.9	2.7	5.1	2.8	2.8	2.9	3.2	3.0	3.6	3.6

¹ Second quarter 1985 measures for the nonfinancial corporate sector are preliminary.

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

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a	July 1984	June 1985	July 1985 ^a
Alabama	1,815.1	1,799.6	1,802.9	211.6	166.0	166.8	11.7	9.2	9.3
Birmingham	409.8	401.7	405.0	42.6	30.3	30.4	10.4	7.5	7.5
Huntsville	118.9	123.5	123.3	8.6	7.7	7.3	7.3	6.2	6.0
Mobile	203.6	203.1	203.7	24.7	19.5	18.8	12.2	9.6	9.2
Montgomery	134.2	136.0	134.5	12.1	10.8	9.8	9.0	7.9	7.3
Tuscaloosa	57.6	57.9	58.1	5.7	4.6	4.3	9.8	7.9	7.4
Alaska	260.4	260.2	264.5	23.6	24.7	24.3	9.0	9.5	9.2
Arizona	1,411.4	1,444.3	1,429.4	75.2	99.1	101.5	5.3	6.9	7.1
Phoenix	889.8	915.1	905.1	34.4	45.7	46.9	3.9	5.0	5.2
Tucson	253.8	259.8	256.6	10.9	14.2	13.8	4.3	5.5	5.4
Arkansas	1,046.9	1,061.6	1,079.7	92.5	82.8	94.5	8.8	7.8	8.8
Fayetteville-Springdale	48.2	50.0	50.4	2.6	2.1	2.5	5.3	4.2	5.0
Fort Smith	85.6	84.7	86.4	6.6	6.4	7.4	7.7	7.5	8.6
Little Rock-North Little Rock	231.0	235.2	238.3	17.1	14.8	16.3	7.4	6.3	6.8
Pine Bluff	38.2	39.6	39.8	3.9	3.3	3.5	10.2	8.4	8.9
California¹	12,709.8	12,762.7	12,876.8	1,064.5	963.8	993.2	8.4	7.6	7.7
Anaheim-Santa Ana	1,304.0	1,325.5	1,328.6	60.4	56.4	58.4	4.6	4.3	4.4
Bakersfield	223.4	225.4	223.9	24.8	24.7	23.3	11.1	11.0	10.4
Fresno	303.6	303.3	299.7	34.1	36.6	33.4	11.2	12.1	11.2
Los Angeles-Long Beach ¹	3,844.0	3,885.0	3,952.0	366.0	298.0	323.0	9.5	7.7	8.2
Modesto	143.6	141.0	143.9	21.6	24.9	22.2	15.0	17.7	15.5
Oakland	934.2	942.2	946.8	69.9	66.0	65.8	7.5	7.0	7.0
Oxnard-Ventura	279.2	278.6	279.4	26.5	20.1	24.2	9.5	7.2	8.7
Riverside-San Bernardino	676.9	679.1	689.4	65.0	56.5	59.0	9.6	8.3	8.6
Sacramento	582.0	585.5	588.5	48.4	43.8	42.5	8.3	7.5	7.2
Salinas-Seaside-Monterey	154.1	152.6	154.5	13.7	13.6	13.5	8.9	8.9	8.8
San Diego	883.3	899.1	906.2	58.2	53.4	54.5	6.6	5.9	6.0
San Francisco	866.4	850.4	857.9	51.5	44.9	45.0	5.9	5.3	5.2
San Jose	892.8	891.4	900.2	45.9	52.6	54.7	5.1	5.9	6.1
Santa Barbara-Santa Maria-Lompoc	171.1	168.8	170.0	10.0	8.9	9.7	5.8	5.2	5.7
Santa Rosa-Petaluma	157.7	159.5	157.6	11.3	10.9	10.7	7.1	6.9	6.8
Stockton	189.0	186.4	185.1	22.3	25.1	23.5	11.8	13.5	12.7
Vallejo-Fairfield-Napa	147.9	146.9	147.6	13.1	11.8	11.9	8.9	8.0	8.0
Colorado	1,719.7	1,738.9	1,732.1	90.6	95.1	93.9	5.3	5.5	5.4
Denver-Boulder LMA	1,029.6	1,044.3	1,037.7	46.3	49.3	49.1	4.5	4.7	4.7
Connecticut	1,691.3	1,732.2	1,733.3	77.7	90.5	98.3	4.6	5.2	5.7
Bridgeport-Milford	221.5	222.7	226.3	12.0	13.9	15.7	5.4	6.2	6.9
Hartford	406.7	420.0	421.8	17.1	20.2	21.2	4.2	4.8	5.0
New Britain	70.3	73.2	72.0	4.2	4.1	4.9	5.9	5.6	6.9
New Haven-Meriden	253.7	259.8	258.4	12.3	14.1	15.3	4.8	5.4	5.9
Stamford	129.7	134.4	134.2	3.6	4.7	4.7	2.8	3.5	3.5
Waterbury	102.3	105.2	104.3	6.2	6.9	8.2	6.0	6.6	7.8
Delaware	319.5	315.9	320.2	22.9	16.7	17.7	7.2	5.3	5.5
Wilmington	275.9	274.0	275.8	21.8	15.1	15.6	7.9	5.5	5.6
District of Columbia	330.6	325.6	342.8	31.0	27.6	30.3	9.4	8.5	8.9
Washington	1,987.7	2,041.4	2,064.7	85.8	83.5	85.3	4.3	4.1	4.1
Florida¹	5,179.2	5,238.7	5,267.9	352.3	361.6	368.4	6.8	6.9	7.0
Daytona Beach	128.3	130.9	131.0	5.9	8.1	6.4	4.6	6.2	4.9
Fort Lauderdale-Hollywood-Pompano Beach	550.3	546.5	538.1	29.2	29.3	29.9	5.3	5.4	5.6
Fort Myers-Cape Coral	113.0	119.0	118.8	6.2	6.4	6.2	5.4	5.4	5.2
Gainesville	93.0	93.0	94.0	3.8	3.7	3.8	4.1	4.0	4.0
Jacksonville	383.3	393.9	398.6	22.1	23.3	23.4	5.8	5.9	5.9
Lakeland-Winter Haven	155.0	155.0	157.4	23.5	21.6	25.1	15.2	14.0	16.0
Melbourne-Titusville-Palm Bay	144.0	144.0	146.6	7.8	8.2	8.2	5.4	5.7	5.6
Miami-Hialeah	869.4	868.3	872.3	71.2	75.0	70.6	8.2	8.6	8.1
Orlando	469.5	468.3	476.4	26.7	25.7	26.9	5.7	5.5	5.6
Pensacola	140.4	142.7	143.1	8.3	9.2	10.1	5.9	6.5	7.1
Sarasota	96.0	93.2	93.6	3.9	4.7	4.6	4.0	5.1	5.0
Tallahassee	109.5	110.7	108.9	4.9	5.8	5.2	4.4	5.2	4.8
Tampa-St. Petersburg-Clearwater	845.4	854.4	866.0	44.9	49.4	49.0	5.3	5.8	5.7
West Palm Beach-Boca Raton-Delray Beach	327.3	334.1	338.1	26.7	25.3	28.4	8.2	7.6	8.4

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		
	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P
Georgia	2,776.5	2,881.2	2,876.0	179.8	204.0	210.5	6.5	7.1	7.3
Albany	54.4	53.8	53.3	5.0	5.1	5.5	9.2	9.5	10.2
Athens	66.4	66.8	66.0	3.8	4.0	5.1	5.7	6.0	7.7
Atlanta	1,226.9	1,288.3	1,288.3	61.4	73.9	71.7	5.0	5.7	5.6
Augusta	140.8	145.0	145.9	10.2	10.5	10.8	7.2	7.3	7.4
Columbus	93.6	93.4	92.3	7.3	8.7	8.2	7.8	9.4	8.9
Macon-Warner Robins	113.9	113.2	113.4	7.9	9.9	9.9	6.9	8.8	8.7
Savannah	96.1	97.9	96.3	7.1	8.2	8.0	7.4	8.4	8.3
Hawaii	478.5	487.7	487.1	26.4	28.0	27.1	5.5	5.7	5.6
Honolulu	363.0	369.8	369.1	18.6	18.9	18.3	5.1	5.1	5.0
Idaho	477.3	492.7	492.0	31.4	34.7	36.4	6.6	7.0	7.4
Boise City	97.1	105.5	104.4	4.7	6.0	5.4	4.9	5.7	5.2
Illinois ¹	5,675.9	5,757.0	5,746.9	490.1	539.4	514.2	8.6	9.4	8.9
Aurora-Elgin	166.6	167.7	167.9	12.4	13.8	13.0	7.4	8.2	7.7
Bloomington-Normal	59.9	60.7	59.8	3.8	3.8	3.5	6.3	6.3	5.9
Champaign-Urbana-Rantoul	78.0	79.6	82.8	4.4	4.5	4.5	5.6	5.7	5.5
Chicago	3,109.0	3,152.6	3,148.0	249.7	274.1	263.4	8.0	8.7	8.4
Davenport-Rock Island-Moline	177.1	174.9	174.9	18.2	18.3	17.4	10.3	10.5	9.9
Decatur	59.5	59.9	59.8	6.1	6.4	6.3	10.2	10.7	10.5
Joliet	184.2	188.0	185.0	16.9	16.5	15.9	9.2	8.8	8.6
Kankakee	42.9	43.8	44.2	5.3	5.6	5.3	12.5	12.8	12.0
Lake County	238.8	247.7	246.5	13.2	15.5	14.2	5.5	6.2	5.8
Peoria	159.7	156.5	158.6	16.9	17.8	17.5	10.6	11.4	11.0
Rockford	138.1	142.0	141.2	11.9	14.4	13.8	8.6	10.1	9.8
Springfield	103.1	102.8	102.8	6.8	6.6	6.7	6.6	6.5	6.5
Indiana	2,656.1	2,794.4	2,787.0	222.9	225.4	202.6	8.4	8.1	7.3
Anderson	56.3	58.5	58.3	4.4	4.5	4.2	7.8	7.8	7.3
Elkhart-Goshen	87.4	90.9	90.4	6.1	5.5	5.0	7.0	6.1	5.5
Evansville	138.8	143.6	144.3	11.8	11.3	9.9	8.5	7.9	6.9
Fort Wayne	176.8	185.8	187.4	12.2	12.3	11.9	6.9	6.6	6.4
Gary-Hammond	271.7	270.8	271.2	37.9	34.0	30.9	14.0	12.6	11.4
Indianapolis	628.7	664.4	661.8	43.1	44.1	37.0	6.8	6.6	5.6
Lafayette	61.1	64.0	64.7	2.9	2.9	2.8	4.7	4.6	4.3
Muncie	52.4	55.5	55.5	4.6	4.7	4.1	8.8	8.5	7.4
South Bend-Mishawaka	124.7	132.5	132.2	9.6	9.4	9.2	7.7	7.1	6.9
Terre Haute	61.5	65.6	65.4	5.1	5.2	4.8	8.3	8.0	7.3
Iowa	1,445.8	1,461.4	1,445.5	93.6	108.8	107.3	6.5	7.4	7.4
Cedar Rapids	83.2	84.2	83.3	5.7	5.8	5.5	6.8	6.8	6.6
Des Moines	197.5	201.8	200.0	10.6	13.0	12.6	5.3	6.4	6.3
Dubuque	42.2	43.2	42.7	3.4	3.8	3.7	8.0	8.9	8.8
Iowa City	48.9	48.7	48.8	1.4	1.5	1.5	3.0	3.1	3.1
Sioux City	55.6	56.8	55.6	4.3	4.9	4.4	7.8	8.6	7.8
Waterloo-Cedar Falls	72.2	70.7	69.1	7.3	9.9	9.0	10.2	14.0	13.0
Kansas	1,209.5	1,287.7	1,281.3	61.4	57.2	59.6	5.1	4.4	4.7
Lawrence	32.3	35.4	35.2	1.6	1.5	1.5	4.9	4.3	4.4
Topeka	84.2	89.7	90.0	4.6	3.8	4.1	5.4	4.2	4.5
Wichita	227.1	242.4	243.4	13.3	12.4	13.7	5.9	5.1	5.6
Kentucky	1,714.7	1,714.9	1,714.5	156.3	142.0	156.1	9.1	8.3	9.1
Lexington-Fayette	193.0	191.1	189.7	9.2	8.1	8.6	4.8	4.2	4.5
Louisville	470.6	463.4	466.4	39.5	36.1	37.8	8.4	7.8	8.1
Owensboro	46.3	43.9	43.9	4.9	3.8	4.0	10.5	8.7	9.1
Louisiana	1,959.1	1,981.3	1,980.8	194.9	229.8	229.1	9.9	11.6	11.6
Alexandria	62.1	64.3	63.8	4.8	5.9	6.2	7.8	9.2	9.8
Baton Rouge	253.6	259.0	258.7	22.1	27.5	27.3	8.7	10.6	10.5
Houma-Thibodaux	84.9	86.9	85.8	8.4	9.5	9.3	9.9	11.0	10.8
Lafayette	112.9	111.5	111.8	9.0	10.3	10.2	7.9	9.3	9.2
Lake Charles	78.6	75.6	75.8	11.0	11.1	10.8	14.0	14.7	14.2
Monroe	63.8	64.0	62.8	6.1	6.1	5.8	9.6	9.6	9.2
New Orleans	585.8	583.1	583.0	54.8	69.3	68.2	9.4	11.9	11.7
Shreveport	161.9	164.6	164.4	11.9	13.6	14.8	7.4	8.3	9.0
Maine	579.9	578.3	581.8	40.3	28.6	32.4	6.9	4.9	5.6
Lewiston-Auburn	42.9	43.0	43.0	4.8	2.6	3.6	11.3	6.0	8.3
Portland	107.2	109.7	109.5	4.4	3.1	3.8	4.1	2.8	3.4
Maryland	2,276.6	2,290.6	2,306.9	120.9	102.2	102.2	5.3	4.5	4.4
Baltimore	1,107.6	1,103.0	1,113.1	68.0	58.8	58.3	6.1	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		
	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P
Massachusetts¹	3,099.2	3,139.1	3,127.1	134.5	123.4	134.2	4.3	3.9	4.3
Boston	1,516.9	1,545.5	1,542.3	57.3	52.9	57.3	3.8	3.4	3.7
Brockton	89.4	91.6	91.7	4.8	4.1	4.7	5.4	4.4	5.1
Fall River	73.5	72.3	71.0	5.4	4.7	5.4	7.3	6.5	7.6
Fitchburg-Leominster	44.2	45.3	43.1	2.3	2.3	2.6	5.2	5.1	6.1
Lawrence-Haverhill	190.8	196.0	195.9	11.3	9.4	10.2	5.9	4.8	5.2
Lowell	154.4	160.4	157.0	5.8	7.1	6.6	3.8	4.4	4.2
New Bedford	83.8	82.2	81.4	5.8	5.4	6.1	6.9	6.6	7.5
Pittsfield	49.5	49.0	49.7	2.3	1.7	2.1	4.5	3.6	4.3
Springfield	272.8	273.6	271.3	12.6	11.1	11.8	4.6	4.1	4.3
Worcester	203.4	205.8	204.0	8.9	7.7	8.8	4.4	3.7	4.3
Michigan¹	4,506.9	4,399.4	4,393.3	508.7	449.8	475.7	11.3	10.2	10.8
Ann Arbor	152.7	(?)	(?)	11.1	(?)	(?)	7.2	(?)	(?)
Battle Creek	64.4	(?)	(?)	6.6	(?)	(?)	10.2	(?)	(?)
Benton Harbor	73.6	(?)	(?)	9.1	(?)	(?)	12.4	(?)	(?)
Detroit	2,130.9	(?)	(?)	243.3	(?)	(?)	11.4	(?)	(?)
Flint	194.9	(?)	(?)	22.8	(?)	(?)	11.7	(?)	(?)
Grand Rapids	352.9	(?)	(?)	32.2	(?)	(?)	9.1	(?)	(?)
Jackson	65.7	(?)	(?)	8.1	(?)	(?)	12.4	(?)	(?)
Kalamazoo	115.7	(?)	(?)	8.8	(?)	(?)	7.6	(?)	(?)
Lansing-East Lansing	229.3	(?)	(?)	27.5	(?)	(?)	12.0	(?)	(?)
Muskegon	70.1	(?)	(?)	8.5	(?)	(?)	12.2	(?)	(?)
Saginaw-Bay City-Midland	191.8	(?)	(?)	25.2	(?)	(?)	13.1	(?)	(?)
Minnesota	2,267.0	2,266.1	2,257.3	129.5	112.2	120.8	5.7	5.0	5.4
Duluth	105.9	102.6	99.7	9.8	7.8	10.4	9.2	7.6	10.4
Minneapolis-St. Paul	1,264.0	1,273.7	1,268.5	60.5	51.6	56.3	4.8	4.1	4.4
Rochester	59.8	62.2	62.5	2.4	2.2	2.2	4.0	3.6	3.5
St. Cloud	81.2	82.0	81.2	6.0	5.4	5.2	7.3	6.6	6.4
Mississippi	1,082.6	1,114.4	1,134.4	121.8	113.8	123.6	11.2	10.2	10.9
Jackson	176.9	187.6	189.6	13.8	12.7	13.5	7.8	6.8	7.1
Missouri	2,392.4	2,499.7	2,497.0	167.7	167.0	158.5	7.0	6.7	6.3
Kansas City	740.8	773.2	777.0	39.3	35.9	34.7	5.3	4.6	4.5
St. Joseph	43.0	42.4	42.9	3.3	2.9	3.0	7.7	6.9	6.9
St. Louis	1,178.1	1,221.8	1,218.3	92.4	102.4	89.8	7.8	8.4	7.4
Springfield	117.5	119.2	119.7	5.9	6.4	5.6	5.1	5.4	4.6
Montana	420.5	426.8	418.9	29.4	29.2	28.2	7.0	6.8	6.7
Nebraska	820.6	829.3	825.2	32.8	42.4	41.8	4.0	5.1	5.1
Lincoln	110.8	112.8	111.7	3.3	3.9	3.8	3.0	3.4	3.4
Omaha	305.8	310.5	307.3	14.8	18.4	17.8	4.8	5.9	5.8
Nevada	498.4	508.1	511.3	38.5	40.3	42.0	7.7	7.9	8.2
Las Vegas	278.0	284.2	284.9	24.9	24.8	25.9	9.0	8.7	9.1
Reno	134.6	137.8	139.2	7.2	8.4	8.9	5.4	6.1	6.4
New Hampshire	531.3	543.2	551.9	28.5	24.1	28.1	5.4	4.4	5.1
Manchester	87.2	86.4	88.1	3.7	2.8	3.7	4.2	3.2	4.2
Nashua	94.7	96.6	96.5	3.3	4.2	4.3	3.5	4.4	4.4
New Jersey¹	3,909.2	3,900.9	3,970.9	246.7	214.3	237.7	6.3	5.5	6.0
Atlantic City	203.2	197.1	207.9	14.0	12.3	12.8	6.9	6.2	6.1
Bergen-Passaic	742.2	745.1	749.4	43.6	37.9	42.1	5.9	5.1	5.6
Jersey City	249.1	240.4	246.9	27.7	23.6	25.5	11.1	9.8	10.3
Middlesex-Somerset-Hunterdon	557.8	557.2	567.5	28.2	22.4	26.6	5.1	4.0	4.7
Monmouth-Ocean	440.8	449.3	461.0	23.0	19.4	21.4	5.2	4.3	4.6
Newark	948.3	946.3	963.1	62.5	56.2	62.7	6.6	5.9	6.5
Trenton	167.5	167.0	169.9	8.9	7.8	9.0	5.3	4.7	5.3
Vineland-Millville-Bridgeton	58.3	54.6	55.8	7.3	5.4	5.8	12.5	9.9	10.4
New Mexico	632.4	646.0	646.4	46.1	59.0	61.1	7.3	9.1	9.5
Albuquerque	235.9	244.3	244.8	14.4	17.0	17.7	6.1	7.0	7.2
Las Cruces	39.9	44.7	42.2	3.4	4.6	4.6	8.6	10.3	10.9

See footnotes at end of table.

STATE AND AREA LABOR FORCE DATA
NOT SEASONALLY ADJUSTED

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P
New York¹	8,341.3	8,289.2	8,478.2	680.1	548.9	516.0	8.2	6.6	6.1
Albany-Schenectady-Troy	407.4	409.3	417.5	23.8	23.1	22.2	5.8	5.6	5.3
Binghamton	127.5	129.0	131.0	6.5	8.9	8.6	5.1	6.9	6.6
Buffalo	445.9	440.1	446.0	39.1	34.7	32.4	8.8	7.9	7.3
Elmira	37.3	36.4	37.1	2.8	3.7	3.6	7.5	10.2	9.7
Glens Falls	51.9	50.3	53.7	3.0	3.6	3.2	5.8	7.1	5.9
Nassau-Suffolk	1,451.7	1,457.8	1,494.1	81.3	74.0	70.0	5.6	5.1	4.7
New York	3,808.3	3,780.8	3,856.8	391.5	264.0	249.5	10.3	7.0	6.5
New York City ¹	3,146.0	3,122.0	3,181.0	362.0	232.0	220.0	11.5	7.4	6.9
Orange County	115.4	115.6	118.1	6.7	7.2	6.6	5.8	6.2	5.6
Poughkeepsie	121.4	118.2	122.8	5.7	4.6	4.4	4.7	3.9	3.6
Rochester	482.9	479.9	492.3	28.1	27.7	25.1	5.8	5.8	5.1
Syracuse	312.8	309.2	316.9	18.0	19.6	18.2	5.7	6.3	5.7
Utica-Rome	135.3	136.7	140.1	9.4	11.1	10.1	6.9	8.2	7.2
North Carolina¹	3,064.4	3,115.0	3,145.9	212.0	170.2	177.2	6.9	5.5	5.6
Asheville	86.5	87.2	88.5	5.7	4.2	4.0	6.6	4.8	4.5
Charlotte-Gastonia-Rock Hill	557.7	566.4	565.8	32.9	31.8	30.9	5.9	5.6	5.5
Greensboro-Winston-Salem-High Point	474.5	485.2	485.7	27.2	22.0	23.2	5.7	4.5	4.8
Raleigh-Durham	360.8	382.3	384.7	13.4	10.9	10.5	3.7	2.8	2.7
North Dakota	354.0	349.4	361.8	16.4	18.6	18.9	4.6	5.3	5.2
Bismarck	44.5	44.4	44.3	2.7	2.9	2.6	6.1	6.6	5.8
Fargo-Moorhead	76.7	80.2	80.8	3.1	3.0	2.9	4.0	3.7	3.6
Grand Forks	29.7	31.7	32.2	1.3	1.1	1.1	4.4	3.5	3.4
Ohio¹	5,295.7	5,156.6	5,248.8	447.4	440.2	487.7	8.4	8.5	9.3
Akron	309.8	299.6	305.1	26.8	26.1	27.4	8.6	8.7	9.0
Canton	190.3	185.8	189.9	17.2	19.1	21.3	9.1	10.3	11.2
Cincinnati	717.2	710.0	722.6	55.8	50.5	56.2	7.8	7.1	7.8
Cleveland	958.9	920.7	942.1	78.9	77.1	84.5	8.2	8.4	9.0
Columbus	684.1	678.0	688.0	48.2	43.3	49.1	7.0	6.4	7.1
Dayton-Springfield	459.8	450.4	459.0	33.0	31.0	34.9	7.2	6.9	7.6
Toledo	299.6	290.4	296.3	26.5	23.5	27.6	8.8	8.1	9.3
Youngstown-Warren	223.6	215.2	218.1	22.5	23.3	24.6	10.1	10.8	11.3
Oklahoma	1,562.9	1,585.7	1,562.8	111.2	115.3	106.6	7.1	7.3	6.8
Enid	32.0	31.4	31.1	1.9	2.2	1.9	6.1	6.9	6.1
Lawton	42.3	42.9	42.1	2.4	2.3	2.0	5.8	5.4	4.8
Oklahoma City	502.9	510.2	504.7	26.9	31.6	29.3	5.3	6.2	5.8
Tulsa	362.3	364.8	367.1	26.6	25.9	23.8	7.3	7.1	6.5
Oregon	1,342.6	1,334.0	1,325.3	119.7	125.1	118.8	8.9	9.4	9.0
Eugene-Springfield	128.1	130.4	127.8	11.6	12.1	11.4	9.1	9.3	8.9
Portland	618.6	612.9	614.6	47.1	48.7	48.2	7.6	7.9	7.8
Salem	124.1	125.9	122.7	9.9	10.8	9.6	8.0	8.6	7.8
Pennsylvania¹	5,678.6	5,685.0	5,738.1	539.9	517.3	450.3	9.5	9.1	7.8
Allentown-Bethlehem	323.4	325.6	330.3	30.0	27.9	27.0	9.3	8.6	8.2
Altoona	58.9	58.7	59.7	6.9	6.1	5.8	11.7	10.4	9.7
Beaver County	80.3	81.6	79.6	11.0	11.7	9.8	13.7	14.3	12.3
Erie	127.7	128.7	129.4	12.1	13.1	10.4	9.5	10.2	8.0
Harrisburg-Lebanon-Carlisle	319.1	321.6	326.5	19.0	19.6	17.7	6.0	6.1	5.4
Johnstown	104.6	104.9	105.4	15.5	13.7	11.7	14.9	13.1	11.1
Lancaster	199.2	201.1	205.3	9.7	10.7	10.1	4.9	5.3	4.9
Philadelphia	2,296.6	2,313.1	2,339.1	167.0	160.3	140.9	7.3	6.9	6.0
Pittsburgh	1,006.0	989.6	997.1	118.8	103.6	90.2	11.8	10.5	9.0
Reading	165.0	172.8	171.4	12.3	15.8	13.6	7.5	9.2	7.9
Scranton-Wilkes-Barre	356.1	352.0	357.5	43.7	36.3	34.6	12.3	10.3	9.7
Sharon	51.3	50.6	49.7	6.4	5.7	4.3	12.4	11.2	8.6
State College	53.0	54.3	55.5	4.4	4.4	3.5	8.3	8.2	6.4
Williamsport	53.6	53.7	53.9	5.9	5.7	4.9	10.9	10.6	9.0
York	190.8	193.4	195.4	17.4	16.4	15.1	9.1	8.5	7.7
Rhode Island	492.5	503.4	504.0	28.2	26.4	28.4	5.7	5.2	5.6
Pawtucket-Woonsocket-Attleboro	136.5	138.0	139.1	9.9	9.1	10.6	7.2	6.6	7.6
Providence	329.8	335.8	333.5	18.6	17.3	18.1	5.6	5.2	5.4
South Carolina	1,503.1	1,596.0	1,593.5	110.5	96.6	106.1	7.4	6.1	6.7
Charleston	183.3	205.6	204.2	10.6	8.4	9.2	5.8	4.1	4.5
Columbia	201.8	216.5	213.7	10.3	7.6	7.5	5.1	3.5	3.5
Greenville-Spartanburg	289.5	310.6	307.8	18.4	16.1	17.7	6.4	5.2	5.7
South Dakota	360.7	364.7	363.7	13.5	19.3	19.4	3.8	5.3	5.3
Sioux Falls	70.2	72.0	72.4	2.2	3.0	2.9	3.2	4.2	4.1

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		
	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P	July 1984	June 1985	July 1985 ^P
Tennessee	2,251.3	2,264.4	2,288.8	197.3	181.4	198.0	8.8	8.0	8.7
Chattanooga	201.9	205.7	209.2	15.8	14.1	16.0	7.8	6.9	7.7
Johnson City-Kingsport-Bristol	211.1	209.6	212.1	17.9	16.4	17.7	8.5	7.8	8.4
Knoxville	264.5	262.0	262.3	22.7	20.0	20.5	8.6	7.6	7.8
Memphis LMA	426.8	435.4	439.0	30.8	28.3	29.3	7.2	6.5	6.7
Nashville	481.2	494.2	497.5	28.0	24.0	25.3	5.8	4.9	5.1
Texas¹	8,088.7	8,055.0	8,163.7	509.9	624.0	624.8	6.3	7.7	7.7
Abilene	64.6	64.1	64.9	3.0	3.6	3.8	4.7	5.6	5.9
Amarillo	105.1	103.0	104.3	5.0	6.4	6.2	4.8	6.2	5.9
Austin	381.5	395.8	400.2	13.7	20.4	20.2	3.6	5.2	5.1
Beaumont-Port Arthur	187.6	176.4	179.9	22.4	25.4	26.5	11.9	14.4	14.8
Brazoria	87.3	85.2	86.1	5.7	7.7	7.9	6.6	9.1	9.1
Brownsville-Harlingen	95.5	94.6	94.8	13.8	14.8	14.1	14.5	15.7	14.9
Bryan-College Station	57.2	56.8	59.3	2.4	3.0	3.3	4.1	5.2	5.6
Corpus Christi	174.3	173.9	176.6	15.5	16.3	17.2	8.9	9.4	9.7
Dallas	1,327.8	1,321.7	1,347.0	51.5	69.4	70.2	3.9	5.3	5.2
El Paso	206.7	210.1	209.4	21.0	26.1	24.9	10.2	12.4	11.9
Fort Worth-Arlington	622.4	623.2	635.1	26.4	33.4	35.8	4.2	5.4	5.6
Galveston-Texas City	97.0	99.5	99.5	9.8	11.6	11.9	10.1	11.7	11.9
Houston	1,716.9	1,709.6	1,737.1	122.2	144.2	146.6	7.1	8.4	8.4
Killeen-Temple	80.7	80.6	82.3	4.8	5.9	6.1	5.9	7.3	7.4
Laredo	40.7	40.2	40.6	7.0	6.2	5.9	17.2	15.3	14.5
Longview-Marshall	81.2	78.7	79.5	6.9	8.7	8.4	8.5	11.1	10.6
Lubbock	113.6	114.9	115.0	6.5	10.1	7.6	5.7	8.8	6.6
McAllen-Edinburg-Mission	118.2	122.8	117.5	24.8	24.2	24.8	21.0	19.7	21.1
Midland	67.6	65.4	66.5	2.9	3.4	3.6	4.3	5.2	5.5
Odessa	70.7	69.0	70.3	3.8	4.4	4.5	5.4	6.4	6.4
San Angelo	52.0	51.8	52.4	2.3	3.2	3.1	4.4	6.1	5.8
San Antonio	545.7	547.4	555.0	29.5	38.2	37.2	5.4	7.0	6.7
Sherman-Denison	43.7	43.4	44.2	2.3	3.5	3.5	5.2	8.1	7.9
Texarkana	51.0	52.9	53.6	3.9	5.0	4.7	7.7	9.5	8.8
Tyler	83.2	82.4	83.1	4.4	5.5	5.5	5.2	6.6	6.6
Victoria	39.6	39.2	39.4	2.4	3.0	3.0	6.1	7.6	7.6
Waco	95.2	93.8	95.2	4.5	5.7	6.3	4.8	6.1	6.6
Wichita Falls	64.3	62.5	63.0	3.0	3.8	3.7	4.7	6.0	5.9
Utah	726.3	741.9	746.4	44.3	44.5	42.6	6.1	6.0	5.7
Provo-Orem	88.8	91.7	91.4	5.4	6.0	5.4	6.1	6.5	5.9
Salt Lake City-Ogden	465.4	475.6	479.3	26.0	26.2	25.9	5.6	5.5	5.4
Vermont	272.0	272.2	274.5	12.8	13.3	13.3	4.7	4.9	4.9
Burlington	71.4	72.5	73.8	2.6	2.7	2.4	3.6	3.8	3.2
Virginia	2,879.0	2,930.6	2,913.7	148.8	157.6	168.0	5.2	5.4	5.8
Charlottesville	69.7	73.1	68.7	3.1	3.0	3.8	4.4	4.1	5.5
Danville	54.6	55.5	54.9	4.5	4.9	5.2	8.3	8.8	9.5
Lynchburg	73.6	74.9	73.4	3.6	4.6	4.3	4.9	6.1	5.8
Norfolk-Virginia Beach-Newport News	569.7	581.2	575.9	28.0	28.8	27.2	4.9	5.0	4.7
Richmond-Petersburg	402.7	409.2	405.8	19.2	19.2	18.2	4.8	4.7	4.5
Roanoke	116.9	121.1	121.1	4.9	5.6	5.8	4.2	4.6	4.8
Washington	2,063.2	2,143.0	2,103.0	188.7	173.0	165.2	9.1	8.1	7.9
Seattle	912.9	955.9	947.0	67.9	65.4	61.1	7.4	6.8	6.5
West Virginia	774.6	758.3	769.1	107.5	90.6	102.8	13.9	12.0	13.4
Charleston	125.8	124.2	125.7	14.6	12.0	12.6	11.6	9.7	10.1
Huntington-Ashland	128.3	122.5	123.9	17.2	13.5	15.3	13.4	11.0	12.4
Parkersburg-Manetta	73.7	73.5	73.3	8.2	7.8	8.4	11.1	10.6	11.4
Wheeling	80.4	77.5	78.3	10.0	9.2	9.7	12.4	11.9	12.4
Wisconsin	2,405.9	2,407.3	2,394.5	162.8	158.0	159.4	6.8	6.6	6.7
Appleton-Oshkosh-Neenah	153.9	157.5	157.4	9.9	10.2	10.2	6.4	6.5	6.5
Eau Claire	59.5	59.5	59.9	4.2	4.3	4.5	7.1	7.3	7.5
Green Bay	98.0	98.6	97.3	5.9	6.1	5.5	6.0	6.1	5.7
Janesville-Beloit	70.8	69.9	68.4	4.8	4.6	4.6	6.8	6.5	6.8
Kenosha	55.1	53.1	52.7	3.8	4.8	5.6	7.0	9.0	10.5
La Crosse	48.7	49.2	48.7	3.0	2.9	2.8	6.2	5.8	5.7
Madison	191.3	197.6	196.3	9.3	8.3	8.1	4.9	4.2	4.1
Milwaukee	713.2	716.2	707.1	46.1	44.3	44.4	6.5	6.2	6.3
Racine	96.0	85.8	85.0	6.6	7.4	7.6	7.7	8.6	8.9
Sheboygan	55.2	53.2	53.7	3.3	3.3	3.2	5.9	6.1	6.0
Wausau	54.2	53.6	53.4	4.4	4.4	4.2	8.1	8.3	7.8
Wyoming	261.8	269.2	261.1	14.7	16.4	16.2	5.6	6.1	6.2

¹ Data are obtained directly from the Current Population Survey. Official estimates for North Carolina prior to 1985 are not derived from the Current Population Survey. See the Explanatory Notes for State and Area Labor Force Data.

² Not available.
P = preliminary.

NOTE: Data refer to place of residence. Estimates for 1984 have been benchmarked to 1984 Current Population Survey annual averages. Except in the 11 States and 2 areas designated by footnote 1, estimates for 1985 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 for 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 over 200,000 establishments employing over 35 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

Data from these two sources differ from each other

because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on 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. Separate statistics are also collected for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

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

Each month about 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 (a) had made specific efforts to find employment something during the prior 4 weeks, or (b) were waiting to be recalled to a job from which they had been laid off, or (c) were waiting to report to a new job within 30 days.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

whom they are related by birth or marriage.

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

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

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

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

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

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

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

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

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

Median earnings indicate the value which divides the earnings distribution into two equal parts, one part having values above the median and the other having values below the median. The medians as shown in this publication are calculated by linear interpolation of the \$10 interval within which each median falls.

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

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

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

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

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

HISTORICAL COMPARABILITY

Change in lower age limit

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

Noncomparability of labor force levels

In addition to the changes introduced in 1967, there are several other periods of noncomparability in the labor force data: (1) Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; labor force, total employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and

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

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

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

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

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

Beginning in January 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. Differences between the old and new procedures 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 virtually no differences in estimates of participation rates.

Beginning in January 1985, most of the steps of the CPS estimation procedure—the noninterview adjust-

ment, the first and second-stage ratio adjustments, and the composite estimator—were revised. The new 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 the 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, which have been revised, to the extent possible, back to January 1980.

Changes in the occupational and industrial classification system

Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employment levels could not be made between 1971-72 and prior years nor between those 2 years. Unemployment rates were not significantly affected. For a further explanation of the changes in the occupational classification system, see "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

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

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

The industrial classification system used in the 1980 census is based on the 1972 Standard Industrial Classification system (SIC), as modified in 1977. The adoption of the new system had much less of an adverse

effect on historical comparability than did the new occupational system. The most notable changes from the 1970 system were the transfer of farm equipment stores from "retail" to "wholesale" trade, postal service from "public administration" to "transportation", and some interchange between "professional and related services" and "public administration."

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

Changes in the sample design

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

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, the number of sample areas and the number of sample persons are increased occasionally. In 1953, the current rotation plan was introduced in which a sample unit is interviewed for 4 months, leaves the sample for 8 months, and then returns to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated into the design. 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 inter-

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.

viewed 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.

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 for the State. 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 the 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 on 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.

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 races 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 and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

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

1. Approximately 68 percent of the intervals from

one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard 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

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

monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50, and for the 1956-66 period, they should be multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

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

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the 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

Table C. Standard errors for unemployment rates by major characteristics

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

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.

primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E, the standard error on a month-to-month change of 400,000, when the monthly level is approximately 12,000,000, is about 118,000.

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

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates. Generalized standard errors for estimated monthly percentages and estimated month-to-month change in 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:

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	-
6,000	98	73	71	-	132	-	-	-
10,000	109	71	-	-	143	-	-	-
15,000	131	42	-	-	160	-	-	-
20,000	148	-	-	-	165	-	-	-
30,000	174	-	-	-	-	-	-	-
40,000	191	-	-	-	-	-	-	-
50,000	203	-	-	-	-	-	-	-
60,000	210	-	-	-	-	-	-	-
70,000	212	-	-	-	-	-	-	-
80,000	211	-	-	-	-	-	-	-
100,000	193	-	-	-	-	-	-	-
120,000	153	-	-	-	-	-	-	-

¹ See footnote 1, table D.

² Part-time labor force for unemployment also includes persons

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

Table F. Standard errors for unemployment rates

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

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

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.14	7.18	8.69	9.90	10.93	11.81	12.58	14.48
100	1.64	2.32	3.64	5.08	6.14	7.00	7.12	8.35	8.89	10.17
500 .....	.73	1.04	1.63	2.27	2.74	3.13	3.45	3.73	3.97	4.53
1,000 .....	.52	.73	1.15	1.60	1.94	2.21	2.44	2.63	2.80	3.19
2,000 .....	.37	.52	.81	1.13	1.37	1.56	1.72	1.85	1.97	2.24
4,000 .....	.26	.37	.57	.80	.96	1.10	1.20	1.30	1.38	1.56
6,000 .....	.21	.30	.47	.65	.78	.89	.98	1.05	1.11	-
10,000 .....	.16	.23	.36	.50	.60	.68	.75	.80	-	-
20,000 .....	.12	.16	.25	.35	.42	.47	.51	.54	-	-
60,000 .....	.07	.09	.14	.19	.22	.23	.24	-	-	-
100,000 .....	.05	.07	.11	.14	.15	.15	-	-	-	-

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

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

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

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

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

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

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

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

(In thousands)

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

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

COLLECTION

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

Federal-State cooperation

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

Shuttle schedules

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

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

CONCEPTS

Industrial classification

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

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

Industry employment

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

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

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

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's

own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production worker payroll for the industry group by the sum of total production worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustments are made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

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

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

ESTIMATING METHODS

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

The "link relative" technique

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

Size and regional stratification

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

Benchmark adjustments

Employment estimates are compared periodically with benchmarks (comprehensive counts of employment) for the various nonagricultural industries and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1984 levels. Normally, benchmark adjustments are made annually.

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

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1984 benchmark adjustment is shown in table M.

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

THE SAMPLE

Design

The sampling plan used in the Current Employment Statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost

considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

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

Coverage

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

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1984

Industry	Benchmark	Estimate	Percent difference
Total	92,587,000	92,234,000	0.4
Mining	952,000	967,000	-1.6
Construction	3,914,000	3,794,000	3.1
Manufacturing	19,151,000	19,323,000	-9
Transportation and public utilities	5,063,000	5,055,000	.2
Wholesale trade	5,447,000	5,421,000	.5
Retail trade	15,891,000	15,629,000	1.6
Finance, insurance, and real estate	5,588,000	5,565,000	.4
Services	20,365,000	20,276,000	.4
Government	16,216,000	16,204,000	.1

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1984¹

Industry	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	221,700	36,946,000	40
Mining	3,400	376,000	39
Construction	21,500	827,000	21
Manufacturing	50,600	10,571,000	55
Transportation and public utilities	10,500	2,377,000	47
Wholesale trade	19,200	909,000	17
Retail trade	35,900	2,875,000	18
Finance, insurance and real estate	15,900	2,101,000	38
Services	41,900	4,838,000	24
Government:			
Federal ²	5,100	2,779,000	100
State	4,000	3,121,000	82
Local	13,700	6,172,000	64

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.

the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the five most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

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

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

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

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

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

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	2.4	1.0	1.3
Construction	1.6	.2	.5
Manufacturing	.6	.1	.2
Durable goods	.6	.1	.3
Nondurable goods	.5	.1	.2
Transportation and public utilities	.2	.7	.6
Wholesale trade	.2	.2	.4
Retail trade	1.4	.2	.4
Finance, insurance, and real estate	.2	.2	.4
Services	.4	.4	.6
Government ³	.3	-	-

¹ The average percent revision in employment for the 1980-84 benchmarks.

² Relative errors relate to 1982 data.

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

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

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

¹ Assuming 12-month intervals between benchmark revisions.

² Relative errors relate to 1982 data.

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

areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of 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 square error of-		Industry	Root mean square error of-	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Total	117,300	109,000	Nondurable goods—Continued		
Total private ¹	65,400	58,600	Chemicals and allied products	2,700	2,500
Goods-producing	38,900	34,000	Petroleum and coal products	1,600	1,500
Mining	5,400	5,200	Rubber and misc. plastics products	2,600	2,500
Oil and gas extraction ¹	4,800	4,500	Leather and leather products	2,700	2,600
Construction	21,300	17,400	Service-producing industries	100,300	95,800
General building contractors ¹	8,400	5,500	Transportation and public utilities	15,100	15,200
Manufacturing	32,100	29,200	Transportation ¹	19,700	19,500
Durable goods	23,300	21,100	Communication and public utilities ¹	5,000	4,800
Lumber and wood products	3,900	3,400	Wholesale trade ¹	8,200	8,000
Furniture and fixtures	3,000	2,300	Durable goods ¹	5,300	5,000
Stone, clay, and glass products	2,600	2,400	Nondurable goods ¹	5,000	4,800
Primary metal industries	6,400	6,300	Retail trade ¹	30,900	31,100
Blast furnaces and basic steel products ¹	5,500	5,300	General merchandise stores ¹	19,000	18,600
Fabricated metal products	4,700	4,000	Food stores ¹	6,800	5,800
Machinery, except electrical	8,700	7,900	Automotive dealers and service stations ¹	3,200	2,700
Electrical and electronic equipment	6,200	6,400	Eating and drinking places ¹	20,900	18,800
Transportation equipment	12,600	11,100	Finance, insurance, and real estate	9,400	8,300
Motor vehicles and equipment ¹	10,200	10,100	Finance ¹	4,300	3,500
Instruments and related products	2,200	2,200	Insurance ¹	2,900	2,200
Miscellaneous manufacturing	2,000	2,000	Real estate ¹	5,500	4,500
Nondurable goods	13,300	13,300	Services	34,600	28,200
Food and kindred products	8,800	8,800	Business services ¹	13,400	11,300
Tobacco manufactures	1,500	1,400	Health services ¹	11,300	10,800
Textile mill products	2,700	2,700	Government	69,900	64,600
Apparel and other textile products	6,400	6,100	Federal	17,600	16,200
Paper and allied products	2,100	1,800	State ¹	26,000	25,000
Printing and publishing	2,200	2,400	Local ¹	41,800	39,100

¹ Data are based on differences from January 1981 through December 1984; all other data reflect differences from January 1979 through December 1984.

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

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

State and Area Labor Force Data (D table)

FEDERAL-STATE COOPERATIVE PROGRAM

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

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

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

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

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

ESTIMATING METHODS

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

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

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

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

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

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

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

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

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

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 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 new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalogue NO. 12-564E, February 1980. The X-11 procedure was originally developed at the Bureau of the

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

The second change is that seasonal 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 1984, new seasonal adjustment factors to be used to

calculate the civilian unemployment rate for the first 6 months of 1985, and a description of the current seasonal adjustment methodology are published in the January 1985 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1980-84 revision period for a broader range of labor force series are published in the February 1985 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 1985 and projected data through March 1986. 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.

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 1985. Seasonal adjustment factors to be used for current adjustment appear in the June 1985 issue of *Employment and Earnings*.

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