



EMPLOYMENT AND EARNINGS

November 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, weekly earnings 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 <sup>1</sup>
Revised historical national data	Supplement <sup>2</sup>
State and area annual averages	May
Area definitions	May

### State and area labor force data

Annual averages	May
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<sup>1</sup> Issue varies. Latest revised data introduced June 1985.

<sup>2</sup> 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, October 1985

Employment rose in October and unemployment was unchanged. The overall unemployment rate was 7.0 percent, and the civilian worker rate was 7.1 percent; both were the same as in September.

Civilian employment—as measured by the monthly survey of households—rose by 325,000 in October to 107.9 million. The number of nonagricultural wage and salary jobs—as measured by the monthly survey of establishments—advanced by 415,000, with employment gains widespread among industries.

## Unemployment

Unemployment was unchanged in October at 8.3 million, seasonally adjusted. The unemployment rate for the civilian labor force was 7.1 percent, also unchanged over the month but slightly below the levels prevailing earlier in the year. Although the overall unemployment rate was stable in October, there was a decline in the rate for adult women (to 6.4 percent) that was balanced by a sharp increase in the rate for teenagers (20.1 percent). Unemployment rates among blacks (15.0 percent) and whites (6.1 percent) showed little or no change in October, and the rate for Hispanics (11.3 percent) edged up. (See tables A-33 and A-34.)

A decline in the number of unemployed who were reentering the labor force was matched by an increase among those who were seeking their first jobs. Together, these two groups accounted for 40 percent of the unemployed; job losers accounted for almost 50 percent, and job leavers a little more than 10 percent. Both the mean and median duration of unemployment, at 15.3 and 7.1 weeks, respectively, indicated little change in the amount of time the unemployed had been jobless. (See tables A-40 and A-41.)

## The civilian labor force and employment

The civilian labor force grew by 340,000 to 116.2 million (seasonally adjusted) in October. The gain was the result of small increases distributed among all three major age/sex groups. Over the year, the civilian labor force has grown by 2.1 million, or 1.8 percent. (See table A-33.)

At 60.3 percent in October, the employment-population ratio matched its record mark attained in March. The over-the-month employment gain of 325,000 occurred primarily among adult women.

Over the year, there was an increase of 2.2 million in the number employed. More than half of the increase was among managers and professionals, and there were also strong gains among administrative support workers. On the other hand, there has been an over-the-year decline in the number of employed machine operators, assemblers, and inspectors, reflecting the decline in manufacturing employment during the January-September period. (See table A-22.)

## Industry payroll employment

Total nonagricultural payroll employment rose by 415,000 in October, seasonally adjusted, to a level of 98.5 million. Job gains were widespread, with 64 percent of the 185 industries in the BLS index of diffusion registering increases. This is in marked contrast with the previous month, when less than half of the industries showed advances. (See tables B-4 and B-7.)

Employment in the service-producing sector continued to climb. The largest gain—150,000 jobs—took place in the services industry, with sizeable increases in business and health services. Employment also rose in retail trade, wholesale trade, and finance, insurance, and real estate.

The number of workers on manufacturing payrolls rose by 60,000 (seasonally adjusted), as seasonal job losses in October did not fully materialize. Factory jobs had declined by 330,000 between January and September. Improvements in October were generally small and widespread throughout manufacturing, with larger increases occurring in lumber and wood products and rubber and plastics. Elsewhere in the goods-producing sector, construction jobs continued to advance and employment in mining was virtually unchanged over the month.

## Weekly hours

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls edged down in October to 35.0 hours. The manufacturing workweek remained at the previous month's high level of 40.7 hours, while factory overtime rose slightly to 3.4 hours. (See table C-5.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls rose 0.3 percent, seasonally adjusted, to 117.3

(1977 = 100), as the large gain in employment more than offset the slight decline in hours. Also reflecting October's job growth, the manufacturing index rose 0.5 percent to a level of 93.8; despite the increase, the manufacturing index was still well below its year-ago level. (See table C-6.)

### Hourly and weekly earnings

Average hourly earnings were unchanged in October, and weekly earnings declined 0.3 percent, after adjustment for seasonality. On an unadjusted basis, hourly earnings fell 2 cents to \$8.65. Weekly earnings, which were also affected by the shorter workweek, declined \$2.43 to \$302.75. Over the past year, hourly earnings in-

creased 25 cents, while weekly earnings advanced \$7.91. (See tables C-1 and C-7.)

### The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 166.7 (1977 = 100) in October, seasonally adjusted, an increase of 0.1 percent from September. For the 12 months ended in October, the increase was 3.2 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in manufacturing overtime and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.3 percent during the 12-month period ended in September. (See table C-7.)

### Improved Population Estimates for the Household Survey

Effective with data for January 1986, two technical changes will be introduced in the population estimates used as controls for the household survey. One will reflect an explicit allowance for undocumented immigrants since 1980 (largely Hispanic). This change will be offset somewhat by an improved estimate of emigration from the United States, also since 1980. The net effect of these adjustments will be to increase the working age population by roughly 300,000. For the population as a whole, this should have little effect on the data. The adjustment for the Hispanic-origin population, however, may be much larger. If this is the case, BLS will revise the data back to 1980.

### 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>
November	December 6	February	March 7
December	January 8	March	April 4
January	February 7	April	May 2

**HOUSEHOLD DATA  
HISTORICAL**

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

(Numbers in thousands)

Year and month	Noninstitutional population	Labor force									Not in labor force
		Number	Percent of population	Employed					Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force	
						Total	Agriculture	Nonagricultural industries			
<b>Annual averages</b>											
1951 .....	106,764	64,160	60.1	62,104	2,143	59,961	6,726	53,235	2,055	3.2	42,604
1952 .....	107,617	64,524	60.0	62,636	2,386	60,250	6,500	53,749	1,883	2.9	43,093
1953 <sup>1</sup> .....	109,287	65,246	59.7	63,410	2,231	61,179	6,260	54,919	1,834	2.8	44,041
1954 .....	110,463	65,785	59.6	62,251	2,142	60,109	6,205	53,904	3,532	5.4	44,678
1955 .....	111,747	67,087	60.0	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660
1956 .....	112,919	68,517	60.7	65,764	1,965	63,799	6,283	57,514	2,750	4.0	44,402
1957 .....	114,213	68,877	60.3	66,019	1,948	64,071	5,947	58,123	2,859	4.2	45,336
1958 .....	115,574	69,486	60.1	64,883	1,847	63,036	5,586	57,450	4,602	6.6	46,088
1959 .....	117,117	70,157	59.9	66,418	1,788	64,630	5,565	59,065	3,740	5.3	46,960
1960 <sup>1</sup> .....	119,106	71,489	60.0	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617
1961 .....	120,671	72,359	60.0	67,646	1,900	65,746	5,200	60,546	4,714	6.5	48,312
1962 <sup>2</sup> .....	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539
1963 .....	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583
1964 .....	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394
1965 .....	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058
1966 .....	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288
1967 .....	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527
1968 .....	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291
1969 .....	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602
1970 .....	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315
1971 .....	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834
1972 <sup>2</sup> .....	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091
1973 <sup>3</sup> .....	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667
1974 .....	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171
1975 .....	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377
1976 .....	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991
1977 .....	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025
1978 <sup>1</sup> .....	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659
1979 .....	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900
1980 .....	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806
1981 .....	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460
1982 .....	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067
1983 .....	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665
1984 .....	178,080	115,241	64.7	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839
<b>Monthly data, seasonally adjusted<sup>2</sup></b>											
<b>1984:</b>											
October .....	178,661	115,721	64.8	107,354	1,705	105,649	3,169	102,480	8,367	7.2	62,940
November .....	178,834	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
<b>1985:</b>											
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	117,078	65.2	108,665	1,705	106,960	3,312	103,648	8,413	7.2	62,571
June .....	179,798	116,485	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
September .....	180,304	117,550	65.2	109,276	1,732	107,544	2,976	104,568	8,274	7.0	62,754
October .....	180,470	117,859	65.3	109,567	1,700	107,867	3,026	104,841	8,291	7.0	62,611

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

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

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			
<b>Annual averages</b>											
<b>MEN</b>											
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 <sup>1</sup> .....	78,107	61,151	78.3	58,010	1,531	56,479	2,718	53,761	3,142	5.1	16,956
1979 .....	79,509	62,215	78.2	59,096	1,489	57,607	2,686	54,921	3,120	5.0	17,293
1980 .....	80,877	62,932	77.8	58,665	1,479	57,186	2,709	54,477	4,267	6.8	17,945
1981 .....	82,023	63,486	77.4	58,909	1,512	57,397	2,700	54,697	4,577	7.2	18,537
1982 .....	83,052	63,979	77.0	57,800	1,529	56,271	2,736	53,534	6,179	9.7	19,073
1983 .....	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484
1984 .....	85,156	65,386	76.8	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771
<b>Monthly data, seasonally adjusted<sup>2</sup></b>											
<b>1984:</b>											
October .....	85,439	65,558	76.7	61,018	1,557	59,461	2,551	56,910	4,540	6.9	19,881
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
<b>1985:</b>											
January .....	85,629	65,822	76.9	61,213	1,549	59,664	2,683	56,981	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	20,362
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
September .....	86,217	66,106	76.7	61,685	1,580	60,105	2,389	57,716	4,421	6.7	20,111
October .....	86,293	66,259	76.8	61,689	1,551	60,138	2,353	57,786	4,570	6.9	20,034
<b>Annual averages</b>											
<b>WOMEN</b>											
1974 .....	79,375	36,274	45.7	33,832	63	33,769	596	33,173	2,441	6.7	43,101
1975 .....	80,938	37,553	46.4	34,067	78	33,989	584	33,404	3,486	9.3	43,386
1976 .....	82,476	39,069	47.4	35,701	86	35,615	588	35,027	3,369	8.6	43,406
1977 .....	83,932	40,705	48.5	37,381	92	37,289	612	36,677	3,324	8.2	43,227
1978 <sup>1</sup> .....	85,434	42,731	50.0	39,669	100	39,569	669	38,900	3,061	7.2	42,703
1979 .....	86,951	44,343	51.0	41,325	108	41,217	661	40,556	3,018	6.8	42,608
1980 .....	88,472	45,611	51.6	42,241	124	42,117	656	41,461	3,370	7.4	42,861
1981 .....	89,751	46,829	52.2	43,133	133	43,000	667	42,333	3,696	7.9	42,922
1982 .....	90,887	47,894	52.7	43,395	139	43,256	665	42,591	4,499	9.4	42,993
1983 .....	91,827	48,646	53.0	44,190	143	44,047	680	43,367	4,457	9.2	43,181
1984 .....	92,924	49,855	53.7	46,061	146	45,915	653	45,262	3,794	7.6	43,068
<b>Monthly data, seasonally adjusted<sup>2</sup></b>											
<b>1984:</b>											
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
<b>1985:</b>											
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
September .....	94,087	51,444	54.7	47,591	152	47,439	587	46,852	3,854	7.5	42,643
October .....	94,177	51,599	54.8	47,878	149	47,729	673	47,056	3,721	7.2	42,578

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

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

**HOUSEHOLD DATA  
HISTORICAL**

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

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force				Unemployment rates		
		Total	Percent of population	Employed	Unemployed	Total	Men	Women
<b>Annual averages</b>								
1951 .....	104,621	62,017	59.2	59,961	2,055	3.3	2.8	4.4
1952 .....	105,231	62,138	59.0	60,250	1,883	3.0	2.8	3.6
1953 <sup>1</sup> .....	107,056	63,015	58.9	61,179	1,834	2.9	2.8	3.3
1954 .....	108,321	63,643	58.8	60,109	3,532	5.5	5.3	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 <sup>1</sup> .....	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 <sup>1</sup> .....	120,153	70,614	58.8	66,702	3,911	5.5	5.2	6.2
1963 .....	122,416	71,833	58.7	67,762	4,070	5.7	5.2	6.5
1964 .....	124,485	73,091	58.7	69,305	3,786	5.2	4.6	6.2
1965 .....	126,513	74,455	58.9	71,088	3,366	4.5	4.0	5.5
1966 .....	128,058	75,770	59.2	72,895	2,875	3.8	3.2	4.8
1967 .....	129,874	77,347	59.6	74,372	2,975	3.8	3.1	5.2
1968 .....	132,028	78,737	59.6	75,920	2,817	3.6	2.9	4.8
1969 .....	134,335	80,734	60.1	77,902	2,832	3.5	2.8	4.7
1970 .....	137,085	82,771	60.4	78,678	4,093	4.9	4.4	5.9
1971 .....	140,216	84,382	60.2	79,367	5,016	5.9	5.3	6.9
1972 <sup>1</sup> .....	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 <sup>1</sup> .....	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974 .....	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975 .....	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976 .....	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 <sup>1</sup> .....	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979 .....	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980 .....	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981 .....	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982 .....	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983 .....	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
1984 .....	176,383	113,544	64.4	105,005	8,539	7.5	7.4	7.6
<b>Monthly data, seasonally adjusted<sup>2</sup></b>								
<b>1984:</b>								
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
<b>1985:</b>								
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
September .....	178,572	115,818	64.9	107,544	8,274	7.1	6.9	7.5
October .....	178,770	116,159	65.0	107,867	8,291	7.1	7.1	7.2

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

Explanatory Notes.

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

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

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

(Numbers in thousands)

Age, sex, and race	October 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					
<b>TOTAL</b>											
16 years and over .....	178,770	116,346	65.1	108,428	7,917	6.8	62,425	29,794	9,141	2,475	21,015
16 to 19 years .....	14,463	7,507	51.9	6,006	1,501	20.0	6,956	421	6,087	22	427
16 to 17 years .....	7,258	2,924	40.3	2,276	648	22.2	4,333	95	4,103	1	134
18 to 19 years .....	7,205	4,583	63.6	3,730	853	18.6	2,622	326	1,984	20	292
20 to 24 years .....	19,917	15,666	78.7	14,019	1,647	10.5	4,251	1,622	1,979	39	610
25 to 54 years .....	95,072	78,053	82.1	73,842	4,210	5.4	17,021	12,441	1,035	884	2,661
25 to 34 years .....	40,931	34,100	83.3	31,856	2,244	6.6	6,832	4,992	737	227	875
25 to 29 years .....	21,046	17,506	83.2	16,296	1,210	6.9	3,540	2,493	496	104	447
30 to 34 years .....	19,886	16,594	83.4	15,560	1,034	6.2	3,291	2,499	241	123	427
35 to 44 years .....	31,693	26,619	84.0	25,404	1,215	4.6	5,074	3,828	230	262	753
35 to 39 years .....	17,475	14,715	84.2	14,000	716	4.9	2,760	2,090	149	119	393
40 to 44 years .....	14,218	11,904	83.7	11,405	499	4.2	2,314	1,729	81	143	360
45 to 54 years .....	22,448	17,334	77.2	16,582	751	4.3	5,115	3,620	68	394	1,033
45 to 49 years .....	11,607	9,295	80.1	8,893	402	4.3	2,312	1,678	36	175	423
50 to 54 years .....	10,841	8,039	74.2	7,690	350	4.4	2,802	1,941	33	219	610
55 to 64 years .....	22,138	12,078	54.6	11,619	458	3.8	10,061	5,388	19	594	4,059
55 to 59 years .....	11,256	7,344	65.3	7,039	306	4.2	3,911	2,417	11	283	1,200
60 to 64 years .....	10,883	4,733	43.5	4,581	152	3.2	6,150	2,971	9	311	2,859
65 years and over .....	27,179	3,043	11.2	2,942	100	3.3	24,137	9,922	21	936	13,258
65 to 69 years .....	9,384	1,793	19.1	1,727	66	3.7	7,591	3,248	7	217	4,119
70 years and over .....	17,795	1,250	7.0	1,215	35	2.8	16,546	6,674	14	719	9,139
<b>Men</b>											
16 years and over .....	84,742	64,551	76.2	60,380	4,171	6.5	20,190	451	4,612	1,440	13,687
16 to 19 years .....	7,244	3,891	53.7	3,046	845	21.7	3,353	4	3,104	14	230
16 to 17 years .....	3,693	1,509	40.9	1,150	359	23.8	2,184	3	2,117	1	63
18 to 19 years .....	3,551	2,382	67.1	1,896	486	20.4	1,169	1	988	13	167
20 to 24 years .....	9,649	8,143	84.4	7,309	834	10.2	1,505	21	1,085	28	372
25 to 54 years .....	46,283	43,586	94.2	41,435	2,151	4.9	2,698	154	411	626	1,507
25 to 34 years .....	20,012	19,021	95.0	17,908	1,113	5.9	992	37	322	151	481
25 to 29 years .....	10,302	9,725	94.4	9,110	615	6.3	577	17	245	75	240
30 to 34 years .....	9,711	9,296	95.7	8,798	498	5.4	415	20	77	76	241
35 to 44 years .....	15,421	14,704	95.4	14,102	602	4.1	717	62	65	180	410
35 to 39 years .....	8,506	8,146	95.8	7,796	351	4.3	360	28	41	82	209
40 to 44 years .....	6,915	6,558	94.8	6,307	251	3.8	357	33	24	98	201
45 to 54 years .....	10,850	9,861	90.9	9,425	436	4.4	989	55	24	295	615
45 to 49 years .....	5,637	5,235	92.9	5,013	222	4.2	402	23	7	132	240
50 to 54 years .....	5,213	4,626	88.7	4,413	214	4.6	587	31	18	163	375
55 to 64 years .....	10,400	7,089	68.2	6,811	277	3.9	3,312	77	8	397	2,829
55 to 59 years .....	5,337	4,297	80.5	4,118	180	4.2	1,039	36	5	204	794
60 to 64 years .....	5,064	2,791	55.1	2,693	98	3.5	2,273	41	4	193	2,035
65 years and over .....	11,165	1,843	16.5	1,779	64	3.5	9,322	195	4	374	8,750
65 to 69 years .....	4,222	1,066	25.3	1,024	42	3.9	3,156	72	3	111	2,970
70 years and over .....	6,943	777	11.2	755	22	2.8	6,167	123	1	263	5,780
<b>Women</b>											
16 years and over .....	94,028	51,794	55.1	48,048	3,746	7.2	42,234	29,343	4,529	1,034	7,328
16 to 19 years .....	7,219	3,616	50.1	2,960	656	18.1	3,602	416	2,983	7	196
16 to 17 years .....	3,565	1,415	39.7	1,126	289	20.4	2,149	92	1,986	7	71
18 to 19 years .....	3,654	2,201	60.2	1,834	367	16.7	1,453	325	996	7	125
20 to 24 years .....	10,269	7,523	73.3	6,709	813	10.8	2,746	1,602	895	11	239
25 to 54 years .....	48,789	34,466	70.6	32,407	2,060	6.0	14,323	12,287	624	258	1,154
25 to 34 years .....	20,919	15,079	72.1	13,948	1,131	7.5	5,840	4,955	415	76	394
25 to 29 years .....	10,744	7,781	72.4	7,186	595	7.6	2,963	2,476	251	29	207
30 to 34 years .....	10,175	7,298	71.7	6,762	536	7.3	2,876	2,479	164	47	186
35 to 44 years .....	16,272	11,915	73.2	11,302	613	5.1	4,357	3,766	165	82	343
35 to 39 years .....	8,969	6,569	73.2	6,204	365	5.6	2,400	2,070	108	37	184
40 to 44 years .....	7,303	5,346	73.2	5,098	248	4.6	1,957	1,696	57	45	159
45 to 54 years .....	11,598	7,473	64.4	7,157	315	4.2	4,126	3,565	44	99	418
45 to 49 years .....	5,970	4,060	68.0	3,880	180	4.4	1,910	1,655	29	43	183
50 to 54 years .....	5,628	3,413	60.6	3,277	136	4.0	2,215	1,910	15	56	235
55 to 64 years .....	11,738	4,989	42.5	4,808	181	3.6	6,749	5,311	11	197	1,230
55 to 59 years .....	5,919	3,047	51.5	2,921	126	4.1	2,872	2,381	6	79	406
60 to 64 years .....	5,819	1,942	33.4	1,888	55	2.8	3,677	2,930	5	118	824
65 years and over .....	16,014	1,199	7.5	1,163	37	3.1	14,815	9,728	17	562	4,508
65 to 69 years .....	5,162	727	14.1	703	24	3.3	4,435	3,176	4	106	1,149
70 years and over .....	10,852	473	4.4	460	13	2.7	10,379	6,551	13	456	3,359

**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	October 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					
<b>WHITE</b>											
16 years and over .....	154,082	100,715	65.4	94,885	5,830	5.8	53,367	26,116	7,102	1,945	18,204
16 to 19 years .....	11,864	6,513	54.9	5,404	1,109	17.0	5,351	316	4,723	12	300
16 to 17 years .....	5,942	2,599	43.7	2,096	503	19.4	3,343	82	3,158	-	103
18 to 19 years .....	5,922	3,915	66.1	3,308	606	15.5	2,008	234	1,564	11	198
20 to 24 years .....	16,712	13,458	80.5	12,334	1,124	8.3	3,254	1,232	1,594	35	394
25 to 54 years .....	81,410	67,316	82.7	64,189	3,126	4.6	14,095	10,650	756	633	2,054
25 to 34 years .....	34,586	29,086	84.1	27,461	1,625	5.6	5,500	4,230	519	153	598
25 to 29 years .....	17,704	14,885	84.1	14,045	840	5.6	2,819	2,106	347	68	298
30 to 34 years .....	16,882	14,201	84.1	13,415	785	5.5	2,681	2,123	173	85	301
35 to 44 years .....	27,390	23,070	84.2	22,141	929	4.0	4,320	3,348	183	193	596
35 to 39 years .....	15,095	12,725	84.3	12,195	530	6.6	2,370	1,854	114	96	307
40 to 44 years .....	12,295	10,345	84.1	9,946	399	3.9	1,951	1,490	70	99	288
45 to 54 years .....	19,434	15,160	78.0	14,587	573	3.8	4,274	3,072	55	287	860
45 to 49 years .....	10,039	8,131	81.0	7,821	311	3.8	1,908	1,424	31	122	342
50 to 54 years .....	9,395	7,029	74.8	6,767	262	4.4	2,366	1,664	23	165	518
55 to 64 years .....	19,589	10,703	54.6	10,312	391	3.7	8,886	4,803	15	484	3,583
55 to 59 years .....	9,890	6,469	65.4	6,214	255	3.9	3,422	2,129	10	232	1,051
60 to 64 years .....	9,699	4,235	43.7	4,098	137	3.2	5,464	2,675	5	252	2,533
65 years and over .....	24,506	2,724	11.1	2,645	79	2.9	21,782	9,114	14	781	11,873
65 to 69 years .....	8,394	1,590	18.9	1,539	52	3.3	6,803	2,950	6	186	3,662
70 years and over .....	16,112	1,133	7.0	1,107	26	2.3	14,979	6,165	9	595	8,210
<b>Men</b>											
16 years and over .....	73,570	56,556	76.9	53,465	3,090	5.5	17,014	347	3,601	1,141	11,926
16 to 19 years .....	5,974	3,378	56.5	2,744	634	18.8	2,596	3	2,421	10	162
16 to 17 years .....	3,037	1,352	44.5	1,061	291	21.5	1,685	2	1,636	-	46
18 to 19 years .....	2,937	2,026	69.0	1,683	342	16.9	911	1	785	10	115
20 to 24 years .....	8,173	7,013	85.8	6,416	597	8.5	1,160	8	893	24	235
25 to 54 years .....	40,095	38,121	95.1	36,545	1,575	4.1	1,975	95	280	454	1,145
25 to 34 years .....	17,108	16,440	96.1	15,639	801	4.9	668	20	221	102	324
25 to 29 years .....	8,747	8,364	95.6	7,925	439	5.3	383	6	166	49	162
30 to 34 years .....	8,361	8,076	96.6	7,714	362	4.5	285	14	55	53	163
35 to 44 years .....	13,483	12,939	96.0	12,479	460	3.6	545	43	45	133	324
35 to 39 years .....	7,437	7,153	96.2	6,900	253	3.5	284	22	28	64	170
40 to 44 years .....	6,046	5,786	95.7	5,579	207	3.6	261	21	17	70	154
45 to 54 years .....	9,504	8,741	92.0	8,426	315	3.6	762	32	15	219	496
45 to 49 years .....	4,928	4,637	94.1	4,472	166	3.6	291	9	4	92	186
50 to 54 years .....	4,576	4,104	89.7	3,955	149	3.6	471	24	10	127	310
55 to 64 years .....	9,251	6,358	68.7	6,123	236	3.7	2,892	67	5	326	2,495
55 to 59 years .....	4,716	3,829	81.2	3,679	151	3.9	886	29	4	170	683
60 to 64 years .....	4,535	2,529	55.8	2,444	85	3.3	2,006	39	1	156	1,811
65 years and over .....	10,077	1,686	16.7	1,637	49	2.9	8,392	174	2	326	7,889
65 to 69 years .....	3,789	965	25.5	934	32	3.3	2,824	63	2	99	2,660
70 years and over .....	6,288	720	11.5	703	17	2.4	5,568	111	1	227	5,229
<b>Women</b>											
16 years and over .....	80,513	44,160	54.8	41,420	2,740	6.2	36,353	25,769	3,501	805	6,278
16 to 19 years .....	5,890	3,135	53.2	2,660	476	15.2	2,755	313	2,302	2	139
16 to 17 years .....	2,905	1,247	42.9	1,035	212	17.0	1,658	80	1,522	-	56
18 to 19 years .....	2,985	1,889	63.3	1,625	264	14.0	1,097	233	780	1	82
20 to 24 years .....	8,539	6,445	75.5	5,918	527	8.2	2,094	1,224	701	11	158
25 to 54 years .....	41,315	29,195	70.7	27,644	1,551	5.3	12,120	10,555	476	179	909
25 to 34 years .....	17,478	12,646	72.4	11,822	824	6.5	4,833	4,210	298	51	274
25 to 29 years .....	8,957	6,521	72.8	6,120	401	6.1	2,436	2,100	181	19	136
30 to 34 years .....	8,521	6,125	71.9	5,701	423	6.9	2,396	2,109	118	32	138
35 to 44 years .....	13,907	10,131	72.9	9,662	470	4.6	3,776	3,306	138	60	271
35 to 39 years .....	7,658	5,572	72.8	5,295	277	5.0	2,086	1,832	86	32	137
40 to 44 years .....	6,249	4,559	73.0	4,367	192	4.2	1,690	1,474	53	29	134
45 to 54 years .....	9,930	6,419	64.6	6,161	258	4.0	3,511	3,039	40	68	364
45 to 49 years .....	5,111	3,494	68.4	3,349	145	4.2	1,617	1,404	27	30	156
50 to 54 years .....	4,819	2,925	60.7	2,812	113	3.9	1,895	1,636	13	38	208
55 to 64 years .....	10,339	4,345	42.0	4,189	156	3.6	5,993	4,736	10	159	1,089
55 to 59 years .....	5,175	2,640	51.0	2,536	104	3.9	2,535	2,100	6	62	367
60 to 64 years .....	5,164	1,706	33.0	1,654	52	3.0	3,458	2,636	5	96	721
65 years and over .....	14,429	1,038	7.2	1,008	30	2.9	13,391	8,940	12	455	3,983
65 to 69 years .....	4,605	625	13.6	605	20	3.3	3,979	2,887	4	87	1,002
70 years and over .....	9,824	413	4.2	404	9	2.3	9,411	6,054	8	368	2,981

**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	October 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					
<b>BLACK</b>											
16 years and over .....	19,761	12,402	62.8	10,576	1,826	14.7	7,360	2,936	1,532	482	2,408
16 to 19 years .....	2,151	848	39.4	499	349	41.1	1,303	89	1,084	10	120
16 to 17 years .....	1,084	275	25.4	145	131	47.5	808	8	770	1	29
18 to 19 years .....	1,067	573	53.7	355	218	38.1	495	81	314	9	90
20 to 24 years .....	2,645	1,838	69.5	1,356	482	26.2	807	328	273	4	202
25 to 54 years .....	10,623	8,348	78.6	7,427	921	11.0	2,275	1,348	169	226	531
25 to 34 years .....	4,907	3,913	79.7	3,380	533	13.6	994	561	134	69	231
25 to 29 years .....	2,594	2,043	78.8	1,716	327	16.0	551	297	92	35	127
30 to 34 years .....	2,313	1,870	80.8	1,664	205	11.0	443	264	43	33	104
35 to 44 years .....	3,333	2,752	82.6	2,511	241	8.8	581	354	27	60	139
35 to 39 years .....	1,846	1,556	84.3	1,402	155	10.0	290	171	18	23	78
40 to 44 years .....	1,487	1,197	80.5	1,110	86	7.2	291	183	10	37	62
45 to 54 years .....	2,383	1,683	70.6	1,536	147	8.7	700	433	8	97	161
45 to 49 years .....	1,240	905	73.0	829	77	8.5	334	206	3	46	77
50 to 54 years .....	1,143	777	68.0	706	70	9.0	366	227	6	51	84
55 to 64 years .....	2,068	1,106	53.5	1,053	53	4.8	962	467	3	95	396
55 to 59 years .....	1,097	713	65.0	669	44	6.2	384	219	1	44	119
60 to 64 years .....	971	393	40.4	383	9	2.3	578	247	2	52	278
65 years and over .....	2,275	262	11.5	241	21	8.0	2,013	704	3	147	1,159
65 to 69 years .....	822	155	18.9	141	13	8.4	667	260	1	29	377
70 years and over .....	1,453	108	7.4	100	8	7.4	1,345	444	2	118	782
<b>Men</b>											
16 years and over .....	8,835	6,243	70.7	5,301	942	15.1	2,593	98	724	274	1,494
16 to 19 years .....	1,056	452	42.7	263	189	41.8	604	1	536	4	63
16 to 17 years .....	544	136	25.1	76	60	44.1	407	1	391	1	14
18 to 19 years .....	512	315	61.5	187	128	40.8	198	-	145	3	49
20 to 24 years .....	1,202	930	77.4	714	215	23.1	272	13	130	4	125
25 to 54 years .....	4,743	4,159	87.7	3,669	490	11.8	582	54	56	157	315
25 to 34 years .....	2,197	1,958	89.1	1,687	270	13.8	239	17	41	49	133
25 to 29 years .....	1,163	1,024	88.0	870	154	15.0	139	11	38	25	65
30 to 34 years .....	1,033	934	90.4	817	116	12.5	99	5	4	23	68
35 to 44 years .....	1,481	1,345	90.8	1,225	120	8.9	137	15	11	38	71
35 to 39 years .....	818	757	92.6	673	85	11.2	61	2	6	17	35
40 to 44 years .....	663	588	88.6	552	35	6.0	76	13	6	21	37
45 to 54 years .....	1,065	857	80.5	757	100	11.7	208	22	4	70	111
45 to 49 years .....	554	452	81.6	407	45	10.0	102	14	1	35	51
50 to 54 years .....	511	405	79.2	349	55	13.7	106	8	4	35	60
55 to 64 years .....	928	579	62.4	545	34	5.9	349	8	2	62	276
55 to 59 years .....	497	375	75.4	348	27	7.1	122	7	1	30	85
60 to 64 years .....	431	204	47.4	197	7	3.6	227	1	2	33	192
65 years and over .....	908	124	13.6	109	14	11.5	784	22		47	715
65 to 69 years .....	349	70	19.9	60	9	( <sup>1</sup> )	279	9		11	259
70 years and over .....	558	54	9.7	49	5	( <sup>1</sup> )	504	13		36	456
<b>Women</b>											
16 years and over .....	10,926	6,159	56.4	5,275	884	14.3	4,767	2,838	807	208	914
16 to 19 years .....	1,095	397	36.3	236	160	40.4	698	88	548	6	57
16 to 17 years .....	540	139	25.7	68	71	50.8	401	7	379		15
18 to 19 years .....	555	258	46.4	168	89	34.7	297	81	169	6	41
20 to 24 years .....	1,443	908	62.9	641	267	29.4	535	315	143	-	77
25 to 54 years .....	5,880	4,189	71.2	3,758	431	10.3	1,693	1,294	113	69	216
25 to 34 years .....	2,710	1,955	72.1	1,693	262	13.4	755	544	93	20	98
25 to 29 years .....	1,431	1,019	71.2	846	173	17.0	412	286	54	10	62
30 to 34 years .....	1,280	936	73.1	847	89	9.5	344	259	39	10	36
35 to 44 years .....	1,852	1,408	76.0	1,286	121	8.6	444	339	16	22	68
35 to 39 years .....	1,028	799	77.7	729	70	8.8	229	169	12	6	43
40 to 44 years .....	824	609	73.9	558	51	8.5	215	170	4	16	25
45 to 54 years .....	1,318	826	62.6	779	47	5.6	492	411	4	27	50
45 to 49 years .....	686	453	66.1	422	32	7.0	232	192	2	11	26
50 to 54 years .....	632	372	58.9	357	15	4.0	260	219	2	16	24
55 to 64 years .....	1,140	527	46.2	508	19	3.6	613	459	1	33	120
55 to 59 years .....	600	338	56.4	321	17	5.1	261	213		14	34
60 to 64 years .....	540	188	34.9	187	2	1.0	352	246		19	86
65 years and over .....	1,367	139	10.1	132	7	4.8	1,229	682	3	100	444
65 to 69 years .....	473	85	18.0	81	4	4.2	388	251	1	18	118
70 years and over .....	895	54	6.0	51	3	( <sup>1</sup> )	841	431	2	82	326

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age and sex	October 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	
<b>TOTAL</b>									
16 years and over .....	24,688	15,630	63.3	13,543	214	13,329	2,087	13.4	9,057
16 to 19 years .....	2,598	993	38.2	602	12	590	391	39.4	1,605
16 to 17 years .....	1,316	325	24.7	180	3	177	145	44.7	990
18 to 19 years .....	1,283	668	52.1	422	9	413	246	36.8	615
20 to 24 years .....	3,205	2,208	68.9	1,684	29	1,656	524	23.7	997
25 to 54 years .....	13,662	10,737	78.6	9,653	127	9,525	1,083	10.1	2,926
25 to 34 years .....	6,345	5,014	79.0	4,395	59	4,336	619	12.3	1,331
25 to 29 years .....	3,342	2,621	78.4	2,250	28	2,222	370	14.1	721
30 to 34 years .....	3,004	1,291	43.0	2,144	31	2,113	249	19.3	610
35 to 44 years .....	4,302	3,549	82.5	3,263	48	3,215	286	8.1	753
35 to 39 years .....	2,380	1,990	83.6	1,804	26	1,778	186	9.3	390
40 to 44 years .....	1,923	1,559	81.1	1,458	22	1,436	101	6.5	363
45 to 54 years .....	3,014	2,173	72.1	1,995	21	1,974	178	8.2	841
45 to 49 years .....	1,568	1,163	74.2	1,071	14	1,058	92	7.9	405
50 to 54 years .....	1,446	1,010	69.8	924	7	917	87	8.6	436
55 to 64 years .....	2,549	1,374	53.9	1,307	32	1,276	67	4.8	1,175
55 to 59 years .....	1,365	875	64.1	824	20	804	51	5.8	490
60 to 64 years .....	1,184	499	42.1	483	12	471	16	3.1	685
65 years and over .....	2,673	318	11.9	297	14	282	22	6.8	2,355
65 to 69 years .....	991	203	20.5	189	9	181	14	6.9	788
70 years and over .....	1,682	116	6.9	108	6	102	14	12.1	1,567
<b>Men</b>									
16 years and over .....	11,172	7,996	71.6	6,915	186	6,729	1,081	13.5	3,176
16 to 19 years .....	1,270	512	40.3	301	11	290	211	41.2	757
16 to 17 years .....	656	157	23.9	89	2	87	68	43.4	499
18 to 19 years .....	614	356	58.0	213	9	203	143	40.3	258
20 to 24 years .....	1,476	1,130	76.6	893	23	870	237	21.0	346
25 to 54 years .....	6,188	5,466	88.3	4,890	110	4,778	575	10.5	723
25 to 34 years .....	2,905	2,581	88.8	2,269	53	2,215	312	12.1	324
25 to 29 years .....	1,555	1,361	87.5	1,185	23	1,162	176	12.9	194
30 to 34 years .....	1,350	1,220	90.3	1,083	30	1,053	136	11.2	130
35 to 44 years .....	1,937	1,765	91.1	1,623	40	1,582	142	8.1	172
35 to 39 years .....	1,069	993	92.9	895	25	870	98	9.8	76
40 to 44 years .....	869	772	88.9	727	15	712	45	5.8	96
45 to 54 years .....	1,346	1,120	83.2	999	17	981	121	10.8	227
45 to 49 years .....	709	598	84.3	541	11	530	57	9.5	111
50 to 54 years .....	637	522	81.9	458	6	452	64	12.3	115
55 to 64 years .....	1,150	730	63.5	688	27	662	42	5.7	419
55 to 59 years .....	621	468	75.4	439	19	420	29	6.2	153
60 to 64 years .....	529	262	49.6	249	7	242	13	5.0	266
65 years and over .....	1,088	157	14.5	142	15	128	15	9.4	931
65 to 69 years .....	433	101	23.3	91	9	82	10	10.0	332
70 years and over .....	655	57	8.6	52	6	46	5	( <sup>1</sup> )	599
<b>Women</b>									
16 years and over .....	13,516	7,634	56.5	6,628	28	6,600	1,006	13.2	5,881
16 to 19 years .....	1,328	481	36.2	301	1	300	180	37.5	847
16 to 17 years .....	660	169	25.6	91	1	90	77	45.9	491
18 to 19 years .....	669	312	46.7	209	-	209	103	32.9	357
20 to 24 years .....	1,729	1,078	62.3	791	6	786	286	26.6	651
25 to 54 years .....	7,474	5,271	70.5	4,763	17	4,747	508	9.6	2,203
25 to 34 years .....	3,441	2,433	70.7	2,127	6	2,121	307	12.6	1,007
25 to 29 years .....	1,787	1,260	70.5	1,065	5	1,060	194	15.4	527
30 to 34 years .....	1,654	1,174	71.0	1,061	1	1,060	113	9.6	480
35 to 44 years .....	2,365	1,784	75.4	1,640	7	1,633	144	8.1	581
35 to 39 years .....	1,311	997	76.1	909	1	908	88	8.8	314
40 to 44 years .....	1,054	787	74.6	731	7	724	56	7.1	267
45 to 54 years .....	1,668	1,054	63.2	996	4	993	57	5.4	614
45 to 49 years .....	859	565	65.8	530	3	528	35	6.1	294
50 to 54 years .....	809	488	60.4	466	1	465	23	4.6	321
55 to 64 years .....	1,400	644	46.0	619	5	614	25	3.9	756
55 to 59 years .....	744	407	54.7	385	1	384	22	5.5	337
60 to 64 years .....	656	236	36.1	234	4	229	3	1.1	419
65 years and over .....	1,585	161	10.2	154	-	155	7	4.2	1,424
65 to 69 years .....	558	102	18.2	98	-	99	4	3.5	456
70 years and over .....	1,027	59	5.8	56	-	56	3	( <sup>1</sup> )	968

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

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

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
<b>TOTAL</b>								
Civilian noninstitutional population .....	176,956	178,770	76,565	77,498	85,793	86,810	14,598	14,463
Civilian labor force .....	114,250	116,346	59,992	60,661	46,784	48,178	7,474	7,507
Percent of population .....	64.6	65.1	78.4	78.3	54.5	55.5	51.2	51.9
Employed .....	106,262	108,428	56,610	57,335	43,559	45,088	6,093	6,006
Agriculture .....	3,268	3,110	2,443	2,259	586	637	238	214
Nonagricultural industries .....	102,994	105,318	54,167	55,076	42,972	44,450	5,855	5,792
Unemployed .....	7,989	7,917	3,382	3,326	3,226	3,090	1,381	1,501
Unemployment rate .....	7.0	6.8	5.6	5.5	6.9	6.4	18.5	20.0
Not in labor force .....	62,706	62,425	16,573	16,837	39,009	38,632	7,124	6,956
<b>White</b>								
Civilian noninstitutional population .....	152,605	154,082	66,771	67,596	73,786	74,622	12,047	11,864
Civilian labor force .....	98,814	100,715	52,552	53,177	39,738	41,024	6,525	6,513
Percent of population .....	64.8	65.4	78.7	78.7	53.9	55.0	54.2	54.9
Employed .....	92,925	94,885	50,012	50,721	37,408	38,760	5,506	5,404
Agriculture .....	3,023	2,896	2,242	2,083	555	610	225	202
Nonagricultural industries .....	89,903	91,989	47,769	48,638	36,853	38,150	5,281	5,202
Unemployed .....	5,889	5,830	2,540	2,456	2,330	2,264	1,019	1,109
Unemployment rate .....	6.0	5.8	4.8	4.6	5.9	5.5	15.6	17.0
Not in labor force .....	53,790	53,367	14,220	14,418	34,048	33,598	5,522	5,351
<b>Black</b>								
Civilian noninstitutional population .....	19,449	19,761	7,656	7,779	9,652	9,831	2,141	2,151
Civilian labor force .....	12,202	12,402	5,746	5,791	5,655	5,762	802	848
Percent of population .....	62.7	62.8	75.0	74.5	58.6	58.6	37.5	39.4
Employed .....	10,353	10,576	5,022	5,038	4,867	5,039	464	499
Agriculture .....	174	169	151	142	15	19	8	7
Nonagricultural industries .....	10,179	10,407	4,871	4,896	4,852	5,019	456	492
Unemployed .....	1,849	1,826	724	754	787	723	337	349
Unemployment rate .....	15.2	14.7	12.6	13.0	13.9	12.6	42.1	41.1
Not in labor force .....	7,247	7,360	1,910	1,988	3,998	4,069	1,339	1,303

**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	October 1985									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time <sup>1</sup>	Part time <sup>1</sup>	Total	Looking for full-time work	Looking for part-time work	
<b>TOTAL ENROLLED</b>										
Total, 16 to 24 years .....	15,236	7,245	47.6	6,275	1,229	5,046	970	127	843	13.4
16 to 19 years .....	10,436	4,386	42.0	3,626	315	3,311	760	57	703	17.3
20 to 24 years .....	4,800	2,859	59.6	2,649	914	1,735	211	70	140	7.4
High school .....	7,437	2,913	39.2	2,313	126	2,187	599	43	556	20.6
College .....	7,799	4,333	55.6	3,962	1,103	2,859	371	84	287	8.6
Full-time students .....	6,547	3,188	48.7	2,891	366	2,525	297	43	255	9.3
Part-time students .....	1,252	1,145	91.5	1,071	737	334	74	42	32	6.5
Men, 16 to 24 years .....	7,759	3,601	46.4	3,094	633	2,462	507	58	449	14.1
16 to 19 years .....	5,285	2,195	41.5	1,785	178	1,606	411	27	383	18.7
20 to 24 years .....	2,474	1,406	56.8	1,310	454	855	96	30	66	6.9
High school .....	3,892	1,545	39.7	1,208	85	1,123	337	22	315	21.8
College .....	3,868	2,056	53.2	1,886	548	1,338	170	35	135	8.3
Full-time students .....	3,315	1,548	46.7	1,408	213	1,195	141	20	120	9.1
Part-time students .....	553	508	91.8	479	335	144	29	15	14	5.8
Women, 16 to 24 years .....	7,477	3,644	48.7	3,181	596	2,584	464	70	394	12.7
16 to 19 years .....	5,151	2,191	42.5	1,841	137	1,705	349	30	319	15.9
20 to 24 years .....	2,325	1,453	62.5	1,339	460	879	114	40	74	7.9
High school .....	3,546	1,367	38.6	1,105	41	1,064	262	21	241	19.2
College .....	3,931	2,277	57.9	2,075	555	1,520	202	49	152	8.9
Full-time students .....	3,232	1,640	50.7	1,483	152	1,330	157	22	134	9.6
Part-time students .....	699	637	91.2	592	403	190	45	27	18	7.0
<b>White</b>										
Total, 16 to 24 years .....	12,660	6,401	50.6	5,691	1,081	4,610	710	75	635	11.1
16 to 19 years .....	8,593	3,902	45.4	3,321	289	3,032	581	40	541	14.9
20 to 24 years .....	4,067	2,499	61.4	2,370	792	1,578	129	35	94	5.2
Men .....	6,481	3,196	49.3	2,814	565	2,249	382	35	347	11.9
Women .....	6,179	3,204	51.9	2,877	515	2,361	328	39	288	10.2
High school .....	5,961	2,552	42.8	2,096	115	1,981	456	27	428	17.8
College .....	6,699	3,849	57.5	3,594	966	2,629	254	47	207	6.6
Full-time students .....	5,645	2,879	51.0	2,674	324	2,350	205	20	185	7.1
Part-time students .....	1,054	969	92.0	920	642	279	49	27	22	5.0
<b>Black</b>										
Total, 16 to 24 years .....	1,999	653	32.7	428	116	313	225	46	179	34.4
16 to 19 years .....	1,476	395	26.8	240	21	219	155	17	138	39.2
20 to 24 years .....	524	258	49.3	188	95	93	70	29	40	27.1
Men .....	985	315	32.0	209	44	164	107	19	87	33.8
Women .....	1,015	338	33.3	220	71	148	118	27	91	35.0
High school .....	1,230	308	25.1	177	10	167	131	15	117	42.6
College .....	770	345	44.7	251	105	146	93	31	62	27.1
Full-time students .....	631	223	35.3	147	38	110	76	22	53	33.9
Part-time students .....	139	122	87.7	104	68	36	18	9	9	14.5
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	1,064	403	37.9	313	62	251	90	20	70	22.4
16 to 19 years .....	798	253	31.8	170	20	150	84	19	64	33.0
20 to 24 years .....	266	149	56.2	143	42	100	7	-	6	4.4
Men .....	546	220	40.3	169	38	131	51	12	39	23.2
Women .....	518	183	35.3	144	24	120	39	8	31	21.4
High school .....	679	184	27.2	114	3	110	71	14	56	38.3
College .....	385	218	56.7	199	58	140	19	5	14	8.9
Full-time students .....	300	143	47.8	127	22	106	16	1	15	11.2
Part-time students .....	85	75	88.3	72	37	35	3	4	-	4.5

See footnotes at end of table.



**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	October 1985									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
Total	Full time <sup>1</sup>			Part time <sup>1</sup>	Total	Looking for full-time work	Looking for part-time work			
<b>TOTAL NOT ENROLLED</b>										
Total, 16 to 24 years .....	19,143	15,927	83.2	13,750	11,743	2,006	2,178	1,967	211	13.7
16 to 19 years .....	4,026	3,121	77.5	2,380	1,789	591	741	666	75	23.7
20 to 24 years .....	15,117	12,807	84.7	11,370	9,955	1,415	1,437	1,301	136	11.2
Less than 4 years of high school .....	4,267	2,900	68.0	2,144	1,746	398	756	680	76	26.1
4 years of high school .....	14,876	13,027	87.6	11,605	9,997	1,608	1,422	1,287	135	10.9
1 to 3 years of college .....	2,978	2,713	91.1	2,490	2,201	288	223	203	20	8.2
4 years of college or more .....	1,572	1,513	96.2	1,431	1,323	108	81	82	-	5.4
<b>Men, 16 to 24 years .....</b>	<b>9,133</b>	<b>8,432</b>	<b>92.3</b>	<b>7,260</b>	<b>6,548</b>	<b>712</b>	<b>1,172</b>	<b>1,120</b>	<b>52</b>	<b>13.9</b>
16 to 19 years .....	1,959	1,695	86.5	1,261	1,033	228	434	408	27	25.6
20 to 24 years .....	7,174	6,737	93.9	5,999	5,515	484	738	712	26	10.9
Less than 4 years of high school .....	2,252	1,936	86.0	1,476	1,268	208	460	446	14	23.8
4 years of high school .....	6,881	6,497	94.4	5,785	5,281	504	712	674	38	11.0
1 to 3 years of college .....	1,335	1,277	95.7	1,175	1,084	91	102	94	8	8.0
4 years of college or more .....	661	652	98.7	608	579	29	45	45	-	6.9
<b>Women, 16 to 24 years .....</b>	<b>10,010</b>	<b>7,495</b>	<b>74.9</b>	<b>6,489</b>	<b>5,195</b>	<b>1,294</b>	<b>1,006</b>	<b>847</b>	<b>159</b>	<b>13.4</b>
16 to 19 years .....	2,067	1,426	69.0	1,119	756	363	307	258	49	21.5
20 to 24 years .....	7,943	6,069	76.4	5,370	4,440	931	699	589	110	11.5
Less than 4 years of high school .....	2,016	965	47.9	668	479	190	296	234	62	30.7
4 years of high school .....	7,995	6,530	81.7	5,821	4,717	1,104	710	613	96	10.9
1 to 3 years of college .....	1,643	1,436	87.4	1,315	1,118	197	122	109	13	8.5
4 years of college or more .....	911	860	94.4	824	744	79	37	37	-	4.2
<b>White</b>										
Total, 16 to 24 years .....	15,917	13,571	85.3	12,047	10,349	1,698	1,523	1,366	158	11.2
16 to 19 years .....	3,271	2,612	79.8	2,083	1,588	495	529	475	53	20.2
20 to 24 years .....	12,646	10,959	86.7	9,965	8,761	1,203	995	890	104	9.1
Men .....	7,666	7,195	93.9	6,347	5,770	576	848	810	39	11.8
Women .....	8,251	6,376	77.3	5,701	4,579	1,122	675	556	119	10.6
Less than 4 years of high school .....	3,437	2,460	71.6	1,873	1,544	329	587	527	60	23.9
4 years of high school .....	12,479	11,111	89.0	10,174	8,805	1,369	936	838	98	8.4
1 to 3 years of college .....	2,524	2,312	91.6	2,167	1,931	236	145	132	12	6.3
4 years of college or more .....	1,409	1,367	97.0	1,302	1,205	96	65	66	-	4.8
<b>Black</b>										
Total, 16 to 24 years .....	2,796	2,033	72.7	1,427	1,156	271	606	562	45	29.8
16 to 19 years .....	675	453	67.1	259	172	88	194	178	16	42.8
20 to 24 years .....	2,121	1,580	74.5	1,168	984	183	412	384	28	26.1
Men .....	1,273	1,066	83.8	769	648	120	297	284	13	27.9
Women .....	1,524	967	63.5	658	507	151	309	278	32	32.0
Less than 4 years of high school .....	716	373	52.1	221	163	58	153	139	14	40.9
4 years of high school .....	2,080	1,660	79.8	1,206	993	213	454	423	31	27.3
1 to 3 years of college .....	392	344	87.8	267	220	47	77	70	7	22.3
4 years of college or more .....	98	84	85.3	69	61	8	14	14	-	17.2
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	1,827	1,388	75.9	1,142	1,011	131	246	217	29	17.7
16 to 19 years .....	437	298	68.3	209	162	46	90	82	7	30.0
20 to 24 years .....	1,391	1,089	78.3	933	849	84	156	135	21	14.3
Men .....	927	838	90.4	673	623	50	165	156	10	19.7
Women .....	900	550	61.0	469	389	81	80	62	19	14.6
Less than 4 years of high school .....	795	541	68.0	407	361	45	134	120	13	24.7
4 years of high school .....	1,032	847	82.0	735	650	85	112	97	15	13.2
1 to 3 years of college .....	215	179	83.6	166	154	12	13	14	-	7.4
4 years of college or more .....	58	49	( <sup>2</sup> )	46	44	2	2	2	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> 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.

<sup>2</sup> 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							
	Oct. 1984	Oct. 1985	Total		Employed		Unemployed			
			Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Number		Percent of labor force	
							Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
<b>VIETNAM-ERA VETERANS</b>										
Total, 30 years and over .....	7,508	7,707	7,076	7,214	6,714	6,895	362	319	5.1	4.4
30 to 44 years .....	6,483	6,517	6,264	6,287	5,936	6,004	328	283	5.2	4.5
30 to 34 years .....	1,603	1,289	1,558	1,237	1,449	1,147	109	90	7.0	7.3
35 to 39 years .....	3,362	3,354	3,248	3,252	3,081	3,113	167	139	5.1	4.3
40 to 44 years .....	1,518	1,874	1,458	1,798	1,406	1,744	52	54	3.6	3.0
45 years and over .....	1,025	1,190	812	927	778	891	34	36	4.2	3.9
<b>NONVETERANS</b>										
Total, 30 to 44 years .....	16,537	17,516	15,739	16,668	15,003	15,901	736	767	4.7	4.6
30 to 34 years .....	7,571	8,104	7,236	7,752	6,892	7,366	344	386	4.8	5.0
35 to 39 years .....	4,827	5,068	4,600	4,815	4,384	4,606	216	209	4.7	4.3
40 to 44 years .....	4,139	4,344	3,903	4,101	3,727	3,929	176	172	4.5	4.2

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

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

**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	October 1985								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Total, 16 years and over .....	99,079	87,716	5,166	6,197	6.3	17,267	15,546	1,721	10.0
16 to 19 years .....	3,258	2,014	522	723	22.2	4,249	3,471	778	18.3
16 to 17 years .....	452	221	95	136	30.0	2,473	1,960	513	20.7
18 to 19 years .....	2,807	1,793	426	587	20.9	1,776	1,511	265	14.9
20 years and over .....	95,820	85,702	4,644	5,474	5.7	13,018	12,076	943	7.2
20 to 24 years .....	13,027	10,590	1,066	1,371	10.5	2,639	2,363	276	10.5
25 years and over .....	82,793	75,112	3,579	4,102	5.0	10,379	9,712	666	6.4
25 to 54 years .....	70,853	64,154	2,988	3,711	5.2	7,199	6,699	499	6.9
55 years and over .....	11,939	10,957	591	391	3.3	3,180	3,013	167	5.3
<b>Men, 16 years and over</b> .....	59,130	53,341	2,287	3,501	5.9	5,422	4,752	670	12.4
16 to 19 years .....	1,829	1,160	234	435	23.8	2,061	1,651	410	19.9
20 years and over .....	57,300	52,181	2,053	3,066	5.4	3,361	3,101	260	7.7
20 to 24 years .....	7,052	5,791	519	742	10.5	1,091	999	92	8.4
25 years and over .....	50,247	46,390	1,535	2,323	4.6	2,271	2,101	168	7.4
25 to 54 years .....	42,567	39,224	1,279	2,065	4.9	1,020	933	86	8.4
55 years and over .....	7,681	7,167	256	259	3.4	1,251	1,168	82	6.6
<b>Women, 16 years and over</b> .....	39,949	34,375	2,879	2,696	6.7	11,845	10,795	1,050	8.9
16 to 19 years .....	1,429	854	287	288	20.1	2,187	1,819	368	16.8
20 years and over .....	38,520	33,521	2,591	2,408	6.3	9,658	8,975	682	7.1
20 to 24 years .....	5,974	4,799	547	629	10.5	1,548	1,364	185	11.9
25 years and over .....	32,545	28,722	2,044	1,779	5.5	8,110	7,611	498	6.1
25 to 54 years .....	28,287	24,931	1,709	1,647	5.8	6,179	5,766	413	6.7
55 years and over .....	4,259	3,792	335	132	3.1	1,930	1,845	85	4.4
<b>White</b>									
<b>Men, 16 years and over</b> .....	51,740	47,308	1,864	2,568	5.0	4,816	4,293	522	10.8
16 to 19 years .....	1,568	1,050	198	319	20.4	1,811	1,496	315	17.4
20 years and over .....	50,172	46,258	1,665	2,249	4.5	3,005	2,798	208	6.9
20 to 24 years .....	6,029	5,087	415	526	8.7	984	914	70	7.2
25 years and over .....	44,143	41,171	1,249	1,723	3.9	2,021	1,884	138	6.8
25 to 54 years .....	37,258	34,714	1,034	1,510	4.1	863	796	66	7.6
55 years and over .....	6,885	6,456	215	213	3.1	1,158	1,088	71	6.1
<b>Women, 16 years and over</b> .....	33,481	29,229	2,363	1,900	5.7	10,668	9,828	840	7.9
16 to 19 years .....	1,188	746	246	196	16.5	1,947	1,668	279	14.4
20 years and over .....	32,303	28,482	2,117	1,704	5.3	8,721	8,160	561	6.4
20 to 24 years .....	5,100	4,231	471	399	7.8	1,345	1,217	128	9.5
25 years and over .....	27,203	24,252	1,647	1,305	4.8	7,377	6,943	432	5.9
25 to 54 years .....	23,496	20,932	1,367	1,196	5.1	5,701	5,345	355	6.2
55 years and over .....	3,707	3,320	279	109	2.9	1,676	1,598	77	4.6
<b>Black</b>									
<b>Men, 16 years and over</b> .....	5,776	4,594	362	820	14.2	467	344	123	26.2
16 to 19 years .....	236	97	30	109	46.3	216	136	79	36.9
20 years and over .....	5,540	4,497	332	711	12.8	251	208	43	17.1
20 to 24 years .....	857	569	94	194	22.7	73	52	21	( <sup>2</sup> )
25 years and over .....	4,683	3,929	238	517	11.0	179	157	22	12.3
25 to 54 years .....	4,054	3,371	205	478	11.8	106	93	13	12.3
55 years and over .....	629	558	33	39	6.2	73	64	9	( <sup>2</sup> )
<b>Women, 16 years and over</b> .....	5,272	4,118	439	715	13.6	887	718	168	19.0
16 to 19 years .....	214	88	40	85	39.8	183	108	75	41.0
20 years and over .....	5,059	4,029	399	630	12.5	704	610	93	13.3
20 to 24 years .....	759	471	69	220	28.9	150	102	48	31.8
25 years and over .....	4,299	3,559	330	397	9.2	553	508	45	8.1
25 to 54 years .....	3,855	3,179	286	391	10.1	333	293	40	12.0
55 years and over .....	444	380	44	6	1.4	220	215	5	2.3

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

<sup>2</sup> 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	October 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 <sup>1</sup> .....	95,664	65.6	89,097	6,567	6.9	50,271	24,160	8,351	1,835	15,925
Husbands .....	39,831	78.9	38,428	1,403	3.5	10,645	190	180	815	9,461
With employed wife .....	24,388	92.2	23,678	710	2.9	2,056	79	101	303	1,572
With unemployed wife .....	1,317	92.0	1,159	157	12.0	115	3	2	21	89
With wife not in labor force .....	14,126	62.5	13,590	536	3.8	8,474	108	76	491	7,800
Wives .....	27,875	55.2	26,444	1,432	5.1	22,601	19,196	350	269	2,786
With employed husband .....	24,837	64.6	23,678	1,159	4.7	13,590	12,290	307	72	922
With unemployed husband .....	867	61.8	710	157	18.2	536	484	11	10	32
With husband not in labor force .....	2,171	20.4	2,056	115	5.3	8,474	6,422	32	188	1,833
Relatives in married-couple families .....	13,351	62.4	11,664	1,686	12.6	8,058	810	5,681	266	1,301
16 to 19 years .....	4,899	51.2	4,119	780	15.9	4,660	119	4,337	11	193
20 to 24 years .....	5,247	76.7	4,672	575	11.0	1,593	126	1,211	21	236
25 years and over .....	3,204	64.0	2,873	331	10.3	1,805	565	133	234	872
Women who maintain families .....	6,072	60.9	5,419	653	10.8	3,891	2,838	195	130	728
Relatives in families maintained by women .....	5,170	59.6	4,154	1,015	19.6	3,509	712	1,614	219	964
16 to 19 years .....	1,337	46.8	895	441	33.0	1,517	66	1,305	8	139
20 to 24 years .....	1,587	75.9	1,290	297	18.7	503	110	247	12	134
25 years and over .....	2,246	60.1	1,969	277	12.3	1,489	536	62	199	691
Men who maintain families .....	1,828	76.3	1,682	147	8.0	569	54	29	82	404
Relatives in families maintained by men .....	1,537	60.6	1,306	231	15.0	998	360	302	54	282
16 to 19 years .....	282	54.5	203	79	28.1	236	10	210	1	15
20 to 24 years .....	477	77.5	406	70	14.8	139	33	73	-	33
25 years and over .....	779	55.6	697	82	10.5	623	317	19	53	234

<sup>1</sup> Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband or wife is in the Armed Forces 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	
	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
Total, 16 years and over .....	4,127	4,171	6.5	6.5	3,862	3,746	7.7	7.2
Married, spouse present .....	1,663	1,537	4.0	3.7	1,643	1,559	5.9	5.4
Widowed, divorced, or separated .....	449	506	7.5	8.1	800	757	8.3	7.7
Single (never married) .....	2,014	2,128	12.0	12.4	1,418	1,430	11.1	11.0
White, 16 years and over .....	3,088	3,090	5.5	5.5	2,801	2,740	6.5	6.2
Married, spouse present .....	1,390	1,222	3.8	3.3	1,365	1,320	5.5	5.2
Widowed, divorced, or separated .....	336	357	6.8	6.9	573	541	7.5	6.9
Single (never married) .....	1,362	1,511	9.8	10.5	863	879	8.4	8.2
Black, 16 years and over .....	910	942	14.8	15.1	939	884	15.5	14.3
Married, spouse present .....	216	248	7.1	8.1	218	187	9.7	8.0
Widowed, divorced, or separated .....	101	138	11.8	14.7	209	193	11.9	10.6
Single (never married) .....	592	556	26.0	25.0	512	504	25.1	25.3
Total, 25 years and over .....	2,523	2,492	4.9	4.7	2,387	2,277	6.1	5.6
Married, spouse present .....	1,504	1,384	3.9	3.5	1,317	1,226	5.2	4.7
Widowed, divorced, or separated .....	423	469	7.4	7.9	713	668	7.8	7.1
Single (never married) .....	596	639	8.5	8.6	356	383	7.3	7.4
White, 25 years and over .....	1,937	1,860	4.3	4.0	1,781	1,737	5.3	5.0
Married, spouse present .....	1,250	1,108	3.6	3.2	1,094	1,046	4.9	4.5
Widowed, divorced, or separated .....	318	329	6.7	6.7	505	470	7.0	6.3
Single (never married) .....	369	422	6.4	6.9	182	220	4.9	5.5
Black, 25 years and over .....	486	539	10.4	11.1	527	456	11.2	9.4
Married, spouse present .....	197	215	6.9	7.4	169	136	8.3	6.4
Widowed, divorced, or separated .....	94	130	11.3	14.4	194	176	11.4	10.0
Single (never married) .....	196	194	19.4	18.7	164	143	16.9	14.8

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-12. Unemployed persons by occupation and sex**

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
Total, 16 years and over .....	7,989	7,917	7.0	6.8	6.5	6.5	7.7	7.2
Managerial and professional specialty .....	655	623	2.5	2.3	2.0	2.1	3.3	2.6
Executive, administrative, and managerial .....	317	313	2.7	2.5	2.1	2.3	3.7	2.8
Professional specialty .....	338	310	2.4	2.2	1.9	1.8	3.1	2.5
Technical, sales, and administrative support .....	1,666	1,740	4.8	4.9	3.7	3.8	5.5	5.5
Technicians and related support .....	94	77	2.8	2.4	2.7	1.9	3.0	2.9
Sales occupations .....	732	734	5.4	5.5	3.8	3.8	7.0	7.2
Administrative support, including clerical .....	840	929	4.8	5.0	3.9	4.8	5.0	5.1
Service occupations .....	1,419	1,401	9.1	8.8	8.4	8.7	9.5	8.9
Private household .....	65	87	6.1	7.7	( <sup>1</sup> )	( <sup>1</sup> )	6.6	7.7
Protective service .....	100	88	5.4	4.8	5.1	4.2	7.5	8.8
Service, except private household and protective .....	1,255	1,227	9.9	9.5	9.6	10.2	10.0	9.0
Precision production, craft, and repair .....	841	874	5.9	6.0	5.9	5.8	6.8	8.3
Mechanics and repairers .....	188	197	4.1	4.1	4.2	4.1	.7	5.7
Construction trades .....	451	422	8.6	7.9	8.5	7.9	15.8	6.0
Other precision production, craft, and repair .....	202	255	4.7	5.7	4.1	4.7	6.7	9.0
Operators, fabricators, and laborers .....	2,040	2,000	10.6	10.6	9.9	9.9	12.4	12.4
Machine operators, assemblers, and inspectors .....	972	900	10.7	10.3	9.1	8.6	12.9	12.7
Transportation and material moving occupations .....	431	389	8.4	7.7	8.1	7.6	11.5	9.3
Handlers, equipment cleaners, helpers, and laborers .....	636	711	12.5	13.8	13.0	13.9	10.5	12.9
Construction laborers .....	142	170	16.9	18.7	17.1	18.4	( <sup>1</sup> )	( <sup>1</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	495	541	11.6	12.7	12.0	12.8	10.4	12.4
Farming, forestry, and fishing .....	305	272	7.9	7.4	7.3	7.0	11.0	9.6
No previous work experience .....	995	967	-	-	-	-	-	-
16 to 19 years .....	632	612	-	-	-	-	-	-
20 to 24 years .....	237	227	-	-	-	-	-	-
25 years and over .....	127	128	-	-	-	-	-	-

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

A-13. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
Total, 16 years and over .....	7,989	7,917	7.0	6.8	6.5	6.5	7.7	7.2
Nonagricultural private wage and salary workers .....	5,860	5,884	6.9	6.8	6.6	6.5	7.4	7.1
Mining .....	109	71	10.5	7.5	11.0	7.7	8.0	5.9
Construction .....	617	650	10.7	10.7	10.8	10.9	9.2	8.6
Manufacturing .....	1,543	1,565	7.0	7.2	6.0	6.3	8.8	9.0
Durable goods .....	879	913	6.6	6.9	6.5	6.4	6.8	8.5
Lumber and wood products .....	86	55	12.2	7.7	12.4	8.0	11.4	5.8
Furniture and fixtures .....	50	52	8.8	8.0	10.4	7.1	4.5	9.9
Stone, clay, and glass products .....	51	58	7.8	9.4	7.7	9.1	8.0	10.3
Primary metal industries .....	135	94	13.4	10.0	13.8	10.1	11.2	8.8
Fabricated metal products .....	117	96	8.0	6.9	8.0	7.3	8.2	5.7
Machinery, except electrical .....	115	143	4.3	5.5	3.8	5.0	5.8	7.0
Electrical machinery, equipment, and supplies .....	143	186	5.8	7.8	4.7	6.5	7.3	9.6
Transportation equipment .....	129	150	4.8	5.6	5.0	5.0	4.0	8.0
Automobiles .....	101	103	7.3	7.8	7.1	7.0	7.9	11.4
Other transportation equipment .....	28	48	2.2	3.5	2.8	3.1	1.3	5.1
Professional and photographic equipment .....	20	36	2.9	5.5	2.3	3.6	4.0	8.5
Other durable goods industries .....	35	42	7.4	8.8	4.3	6.5	11.1	11.2
Nondurable goods .....	664	652	7.5	7.5	5.1	6.0	10.7	9.5
Food and kindred products .....	167	167	8.9	9.0	6.2	7.8	14.7	11.1
Textile mill products .....	87	71	10.3	9.1	10.2	7.1	10.5	11.4
Apparel and other textile products .....	133	140	10.4	11.0	4.0	7.8	11.6	11.9
Paper and allied products .....	36	39	5.6	5.3	5.3	4.6	6.5	7.5
Printing and publishing .....	75	91	4.4	5.5	3.4	4.8	5.8	6.4
Chemicals and allied products .....	55	63	4.5	5.5	3.1	5.0	7.7	6.6
Rubber and miscellaneous plastics products .....	57	49	7.5	6.5	4.5	6.4	13.3	6.7
Other nondurable goods industries .....	54	30	10.5	6.8	6.4	4.4	16.3	10.7
Transportation and public utilities .....	296	296	4.9	4.8	5.4	5.1	3.6	4.0
Transportation .....	225	217	5.4	5.1	6.0	5.6	3.5	3.7
Communications and other public utilities .....	71	78	2.7	2.9	2.6	2.6	2.8	3.3
Wholesale and retail trade .....	1,668	1,696	7.7	7.7	6.2	6.7	9.3	8.8
Wholesale trade .....	189	241	4.7	5.7	3.6	4.4	7.5	9.0
Retail trade .....	1,478	1,455	8.4	8.2	7.1	7.5	9.5	8.7
Finance, insurance, and real estate .....	204	238	3.3	3.6	3.2	3.2	3.4	3.9
Service industries .....	1,421	1,369	6.6	6.0	6.5	5.6	6.6	6.3
Professional services .....	568	486	4.7	3.8	4.0	3.1	5.0	4.2
Other service industries .....	853	883	9.0	8.8	8.5	7.6	9.5	9.8
Agricultural wage and salary workers .....	221	199	12.5	12.1	10.7	11.6	20.2	13.7
Government, self-employed, and unpaid family workers .....	913	868	3.4	3.2	3.0	2.9	3.8	3.5
No previous work experience .....	995	967	-	-	-	-	-	-

**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	
	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	7,989	7,917	3,382	3,326	3,226	3,090	1,381	1,501	5,889	5,830	1,849	1,826
Job losers .....	3,876	3,651	2,376	2,202	1,244	1,158	255	290	2,949	2,675	822	866
On layoff .....	927	923	570	509	307	332	50	83	822	790	89	113
Other job losers .....	2,949	2,728	1,806	1,693	937	826	205	207	2,127	1,885	732	753
Job leavers .....	894	999	321	387	436	439	136	174	716	838	139	132
Reentrants .....	2,230	2,301	579	634	1,291	1,241	360	426	1,618	1,701	543	520
New entrants .....	989	967	106	103	254	252	629	611	606	616	346	308
<b>PERCENT DISTRIBUTION</b>												
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	48.5	46.1	70.2	66.2	38.6	37.5	18.4	19.3	50.1	45.8	44.4	47.4
On layoff .....	11.6	11.7	16.8	15.3	9.5	10.7	3.6	5.5	14.0	13.5	4.8	6.2
Other job losers .....	36.9	34.4	53.4	50.9	29.1	26.8	14.8	13.8	36.1	32.3	39.6	41.2
Job leavers .....	11.2	12.6	9.5	11.6	13.5	14.2	9.9	11.6	12.2	14.4	7.5	7.2
Reentrants .....	27.9	29.1	17.1	19.1	40.0	40.1	26.1	28.4	27.5	29.2	29.3	28.5
New entrants .....	12.4	12.2	3.1	3.1	7.9	8.2	45.5	40.7	10.3	10.6	18.7	16.9
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers .....	3.4	3.1	3.9	3.6	2.7	2.4	3.4	3.9	3.0	2.7	6.7	7.0
Job leavers .....	.8	.9	.5	.6	.9	.9	1.8	2.3	.7	.8	1.1	1.1
Reentrants .....	2.0	2.0	1.0	1.0	2.8	2.6	4.8	5.7	1.6	1.7	4.4	4.2
New entrants .....	.9	.8	.2	.2	.5	.5	8.4	8.1	.6	.6	2.8	2.5



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

(Percent distribution)

Reason, sex, and age	October 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 .....	7,917	100.0	43.3	30.6	26.1	12.1	14.0
Job losers .....	3,651	100.0	38.0	28.3	33.7	14.5	19.2
On layoff .....	923	100.0	54.3	24.2	21.5	11.7	9.8
Other job losers .....	2,728	100.0	32.5	29.7	37.8	15.4	22.4
Job leavers .....	999	100.0	47.5	32.7	19.8	8.3	11.5
Reentrants .....	2,301	100.0	50.8	31.7	17.5	8.3	9.2
New entrants .....	967	100.0	41.0	34.7	24.2	15.7	8.5
Men, 20 years and over .....	3,326	100.0	35.9	28.1	36.0	14.3	21.7
Job losers .....	2,202	100.0	34.8	27.2	38.0	14.9	23.1
On layoff .....	509	100.0	54.6	24.5	20.9	11.0	9.9
Other job losers .....	1,693	100.0	28.8	28.0	43.1	16.1	27.0
Job leavers .....	387	100.0	34.3	34.8	30.9	13.6	17.3
Reentrants .....	634	100.0	43.6	27.3	29.1	11.1	17.9
New entrants .....	103	100.0	18.8	26.7	54.5	21.2	33.3
Women, 20 years and over .....	3,090	100.0	46.1	32.8	21.1	10.2	10.9
Job losers .....	1,158	100.0	40.0	29.3	30.7	15.7	15.0
On layoff .....	332	100.0	51.6	23.8	24.6	13.4	11.3
Other job losers .....	826	100.0	35.4	31.5	33.1	16.6	16.5
Job leavers .....	439	100.0	50.5	32.3	17.1	6.4	10.7
Reentrants .....	1,241	100.0	51.4	34.6	14.0	6.9	7.2
New entrants .....	252	100.0	39.9	40.8	19.2	8.2	11.1
Both sexes, 16 to 19 years .....	1,501	100.0	53.8	31.8	14.3	11.0	3.3
Job losers .....	290	100.0	54.2	32.7	13.1	6.6	6.5
On layoff .....	83	100.0	63.9	23.6	12.5	9.6	2.9
Other job losers .....	207	100.0	50.3	36.3	13.4	5.4	8.0
Job leavers .....	174	100.0	69.1	29.1	1.8	1.4	.4
Reentrants .....	426	100.0	59.8	30.0	10.2	8.1	2.2
New entrants .....	611	100.0	45.2	33.6	21.2	17.9	3.3

**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	
	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
	Total, 16 years and over .....	7,989	7,917	100.0	100.0	6,429	6,197	100.0
Less than 5 weeks .....	3,421	3,427	42.8	43.3	2,545	2,400	39.6	38.7
5 to 14 weeks .....	2,286	2,426	28.6	30.6	1,847	1,917	28.7	30.9
5 to 10 weeks .....	1,736	1,832	21.7	23.1	1,375	1,399	21.4	22.6
11 to 14 weeks .....	551	594	6.9	7.5	472	517	7.3	8.3
15 weeks and over .....	2,282	2,065	28.6	26.1	2,036	1,880	31.7	30.3
15 to 26 weeks .....	963	955	12.1	12.1	816	850	12.7	13.7
27 weeks and over .....	1,319	1,110	16.5	14.0	1,221	1,030	19.0	16.6
27 to 51 weeks .....	462	411	5.8	5.2	428	379	6.7	6.1
52 weeks and over .....	857	699	10.7	8.8	793	651	12.3	10.5
Average (mean) duration, in weeks .....	16.3	14.9			18.1	16.8		
Median duration, in weeks .....	6.5	6.4			7.5	7.6		

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
	October 1985										
Total, 16 years and over .....	7,917	3,427	2,426	955	1,110	14.9	6.4	42.8	43.3	28.6	26.1
16 to 19 years .....	1,501	808	478	165	49	8.0	4.6	51.4	53.8	17.4	14.3
20 to 24 years .....	1,647	756	530	180	181	12.7	5.7	45.7	45.9	23.7	21.9
25 to 34 years .....	2,244	982	664	270	327	15.1	6.4	43.5	43.8	28.1	26.6
35 to 44 years .....	1,215	434	390	166	225	17.9	8.4	40.9	35.7	30.9	32.2
45 to 54 years .....	751	251	228	91	181	20.8	9.0	32.5	33.4	41.7	36.2
55 to 64 years .....	458	157	102	71	127	24.8	11.3	29.7	34.3	46.2	43.4
65 years and over .....	100	39	32	10	19	20.8	7.2	40.1	38.7	43.8	29.1
Men, 16 years and over .....	4,171	1,626	1,209	578	758	17.8	7.6	38.6	39.0	32.7	32.0
16 to 19 years .....	845	431	275	105	34	8.8	4.9	48.0	51.0	17.7	16.4
20 to 24 years .....	834	348	247	119	120	15.5	6.5	43.1	41.8	26.0	28.6
25 to 34 years .....	1,113	429	292	167	224	18.8	8.2	38.8	38.6	34.1	35.2
35 to 44 years .....	602	187	186	84	144	21.5	10.4	36.3	31.1	36.0	37.9
45 to 54 years .....	436	117	136	52	130	24.5	10.6	29.2	26.9	45.8	41.9
55 to 64 years .....	277	92	49	46	90	28.6	14.4	21.4	33.2	53.5	49.1
65 years and over .....	64	20	23	5	15	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 16 years and over .....	3,746	1,801	1,216	376	353	11.6	5.4	47.3	48.1	24.2	19.5
16 to 19 years .....	656	377	203	61	15	7.0	4.3	55.3	57.5	17.1	11.5
20 to 24 years .....	813	408	283	61	62	9.9	5.0	48.4	50.1	21.4	15.1
25 to 34 years .....	1,131	552	372	103	103	11.5	5.2	48.2	48.8	21.9	18.2
35 to 44 years .....	613	247	204	82	81	14.3	6.6	45.5	40.2	25.7	26.6
45 to 54 years .....	315	134	92	39	51	15.6	6.8	36.0	42.4	37.3	28.4
55 to 64 years .....	181	65	53	25	37	18.9	8.3	40.8	36.1	36.4	34.6
65 years and over .....	37	19	9	5	4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
White, 16 years and over .....	5,830	2,663	1,750	661	756	13.9	5.9	44.7	45.7	27.5	24.3
Men .....	3,090	1,264	877	419	530	17.1	7.3	39.6	40.9	32.1	30.7
Women .....	2,740	1,400	873	242	226	10.3	4.9	50.4	51.1	22.5	17.1
Black, 16 years and over .....	1,826	641	593	266	326	18.2	7.3	36.2	35.1	32.8	32.4
Men .....	942	293	291	150	209	20.8	8.5	35.0	31.1	35.6	38.1
Women .....	884	348	302	116	117	15.4	6.1	37.4	39.4	30.0	26.4
Men, 16 years and over:											
Married, spouse present .....	1,537	561	407	200	370	21.2	9.0	35.5	36.5	37.7	37.1
Widowed, divorced, or separated .....	506	153	161	81	112	22.2	11.0	31.9	30.2	42.4	38.1
Single (never married) .....	2,128	913	642	298	276	14.4	6.4	42.7	42.9	26.4	27.0
Women, 16 years and over:											
Married, spouse present .....	1,559	769	512	146	132	10.7	5.1	47.9	49.3	23.9	17.8
Widowed, divorced, or separated .....	757	312	248	96	101	14.5	6.7	45.7	41.2	28.7	26.1
Single (never married) .....	1,430	720	456	135	119	11.0	5.0	47.5	50.3	22.0	17.7

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
	October 1985										
<b>OCCUPATION</b>											
Managerial and professional specialty .....	623	250	184	84	105	16.5	7.2	35.0	40.0	30.5	30.4
Technical, sales, and administrative support .....	1,740	869	492	166	213	12.2	5.0	43.2	49.9	25.2	21.8
Service occupations .....	1,401	614	478	146	164	13.4	6.1	45.7	43.8	24.4	22.1
Precision production, craft, and repair .....	874	340	261	112	160	17.5	7.7	40.9	38.9	31.7	31.1
Operators, fabricators, and laborers .....	2,000	797	578	265	360	17.7	7.4	39.3	39.8	35.4	31.3
Farming, forestry, and fishing .....	272	145	83	25	20	10.6	4.7	51.6	53.1	18.6	16.4
<b>INDUSTRY<sup>1</sup></b>											
Agriculture .....	199	100	57	23	18	12.0	5.0	53.3	50.4	12.7	20.8
Construction .....	674	284	193	88	108	16.3	7.2	38.8	42.2	30.6	29.2
Manufacturing .....	1,571	575	443	252	301	18.6	8.4	41.5	36.6	34.7	35.2
Durable goods .....	918	291	264	150	213	21.5	10.2	37.9	31.7	39.8	39.6
Nondurable goods .....	653	284	179	101	88	14.6	6.2	46.2	43.5	27.9	29.0
Transportation and public utilities .....	351	147	109	33	63	17.0	6.5	34.6	41.9	37.1	27.1
Wholesale and retail trade .....	1,706	799	523	155	228	13.7	5.6	44.6	46.8	27.0	22.5
Finance and service industries .....	1,946	900	623	197	225	12.7	5.7	40.9	46.2	26.7	21.7
Public administration .....	243	100	84	29	30	12.7	6.8	47.7	41.1	25.1	24.3
No previous work experience .....	967	397	336	152	82	13.8	6.8	47.5	41.0	25.7	24.2

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Sex, age, and race	October 1985								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over .....	7,917	6,860	21.5	6.2	76.2	34.5	17.0	4.2	1.60
16 to 19 years .....	1,501	1,401	12.8	4.2	80.7	27.6	13.6	3.5	1.42
20 to 24 years .....	1,647	1,490	24.9	5.2	75.8	34.6	15.0	3.8	1.59
25 to 34 years .....	2,244	1,888	22.8	6.4	77.4	36.8	18.0	3.4	1.65
35 to 44 years .....	1,215	1,018	25.4	7.7	74.5	41.8	21.0	4.9	1.75
45 to 54 years .....	751	609	26.3	8.7	72.6	30.7	21.2	7.2	1.67
55 to 64 years .....	458	370	19.2	8.4	66.5	35.7	15.1	5.9	1.51
65 years and over .....	100	84	6.0	10.7	70.2	31.0	15.5	8.3	1.42
Men, 16 years and over .....	4,171	3,537	23.7	6.0	77.7	32.2	18.0	5.0	1.63
16 to 19 years .....	845	786	15.4	2.5	81.3	25.8	12.3	3.4	1.41
20 to 24 years .....	834	740	26.4	4.9	75.7	30.9	17.2	5.1	1.60
25 to 34 years .....	1,113	902	26.5	6.7	80.2	37.5	18.6	3.5	1.73
35 to 44 years .....	602	476	30.7	8.4	75.8	42.0	24.4	6.3	1.88
45 to 54 years .....	436	358	26.8	10.3	74.9	26.0	24.0	7.5	1.70
55 to 64 years .....	277	225	17.3	6.2	69.8	28.0	15.1	8.9	1.45
65 years and over .....	64	52	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 16 years and over .....	3,746	3,323	19.2	6.5	74.5	36.9	16.0	3.4	1.57
16 to 19 years .....	656	615	9.8	6.3	79.8	29.8	15.3	3.6	1.45
20 to 24 years .....	813	750	23.5	5.6	75.9	38.0	12.8	2.5	1.58
25 to 34 years .....	1,131	987	19.5	6.2	74.8	36.0	17.5	3.2	1.57
35 to 44 years .....	613	542	20.8	7.0	73.1	41.9	18.1	3.5	1.64
45 to 54 years .....	315	251	25.1	6.4	69.3	37.1	17.1	6.8	1.62
55 to 64 years .....	181	146	21.9	11.6	61.0	47.3	15.1	1.4	1.58
65 years and over .....	37	32	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
White, 16 years and over .....	5,830	4,921	20.1	6.2	76.1	35.6	16.7	4.7	1.60
Men .....	3,090	2,541	22.6	5.9	77.4	32.7	17.9	6.0	1.62
Women .....	2,740	2,379	17.5	6.6	74.8	38.8	15.5	3.3	1.56
Black, 16 years and over .....	1,826	1,705	25.8	6.2	78.1	31.1	17.8	2.6	1.62
Men .....	942	874	27.1	6.4	80.9	30.3	18.8	1.9	1.65
Women .....	884	831	24.4	6.1	75.1	32.0	16.8	3.5	1.58

<sup>1</sup> 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	October 1985								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over .....	7,917	6,860	21.5	6.2	76.2	34.5	17.0	4.2	1.60
Job losers <sup>1</sup> .....	3,651	2,716	28.2	7.3	76.7	37.9	19.8	4.4	1.74
Job leavers .....	999	990	20.3	8.2	76.3	38.8	16.8	2.7	1.63
Reentrants .....	2,301	2,195	17.6	5.2	74.9	32.5	14.1	5.2	1.50
New entrants .....	967	959	12.8	3.9	77.3	25.0	15.8	3.2	1.38
Men, 16 years and over .....	4,171	3,537	23.7	6.0	77.7	32.2	18.0	5.0	1.63
Job losers <sup>1</sup> .....	2,399	1,823	28.0	6.7	78.6	34.6	20.2	4.7	1.73
Job leavers .....	470	463	24.2	6.7	77.5	37.6	15.1	3.7	1.65
Reentrants .....	850	799	17.8	5.3	75.6	31.0	14.9	8.1	1.53
New entrants .....	453	452	16.6	3.3	78.3	19.5	17.0	2.4	1.37
Women, 16 years and over .....	3,746	3,323	19.2	6.5	74.5	36.9	16.0	3.4	1.57
Job losers <sup>1</sup> .....	1,252	892	28.6	8.3	73.1	44.7	19.2	3.7	1.78
Job leavers .....	529	528	17.0	9.5	75.2	39.8	18.2	2.1	1.62
Reentrants .....	1,451	1,396	17.5	5.1	74.5	33.3	13.5	3.6	1.47
New entrants .....	513	507	9.5	4.3	76.3	30.0	15.0	3.9	1.39

<sup>1</sup> Data on the number of jobseekers and the jobsearch methods used exclude persons on layoff.

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

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry and age	Total		Men		Women	
	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
All industries .....	106,262	108,428	59,716	60,380	46,546	48,048
16 to 19 years .....	6,093	6,006	3,106	3,046	2,987	2,960
16 to 17 years .....	2,282	2,276	1,153	1,150	1,129	1,126
18 to 19 years .....	3,811	3,730	1,953	1,896	1,858	1,834
20 to 24 years .....	14,280	14,019	7,588	7,309	6,692	6,709
25 to 54 years .....	71,546	73,842	40,558	41,435	30,988	32,407
25 to 34 years .....	31,119	31,856	17,626	17,908	13,494	13,948
35 to 44 years .....	24,136	25,404	13,567	14,102	10,569	11,302
45 to 54 years .....	16,291	16,582	9,365	9,425	6,926	7,157
55 to 64 years .....	11,367	11,619	6,704	6,811	4,663	4,808
55 to 59 years .....	6,860	7,039	4,061	4,118	2,799	2,921
60 to 64 years .....	4,507	4,581	2,643	2,693	1,864	1,888
65 years and over .....	2,975	2,942	1,760	1,779	1,215	1,163
Agriculture .....	3,268	3,110	2,640	2,434	628	676
16 to 19 years .....	238	214	196	175	42	39
16 to 17 years .....	108	81	81	65	27	16
18 to 19 years .....	130	134	116	110	14	23
20 to 24 years .....	415	372	357	305	59	68
25 to 54 years .....	1,831	1,762	1,443	1,336	388	426
25 to 34 years .....	738	734	626	570	112	164
35 to 44 years .....	566	559	418	421	147	138
45 to 54 years .....	527	468	398	344	129	124
55 to 64 years .....	504	484	404	386	99	97
55 to 59 years .....	271	254	210	196	61	58
60 to 64 years .....	232	230	194	190	38	39
65 years and over .....	280	278	240	232	40	46
Nonagricultural industries .....	102,994	105,318	57,077	57,947	45,918	47,372
16 to 19 years .....	5,855	5,792	2,909	2,870	2,945	2,921
16 to 17 years .....	2,173	2,195	1,072	1,085	1,101	1,111
18 to 19 years .....	3,681	3,596	1,837	1,786	1,844	1,811
20 to 24 years .....	13,865	13,646	7,232	7,005	6,633	6,642
25 to 54 years .....	69,715	72,081	39,115	40,099	30,600	31,981
25 to 34 years .....	30,381	31,122	17,000	17,338	13,382	13,784
35 to 44 years .....	23,570	24,844	13,149	13,681	10,421	11,164
45 to 54 years .....	15,764	16,114	8,968	9,081	6,797	7,033
55 to 64 years .....	10,864	11,136	6,299	6,425	4,564	4,711
55 to 59 years .....	6,589	6,784	3,851	3,922	2,738	2,863
60 to 64 years .....	4,275	4,351	2,449	2,503	1,826	1,848
65 years and over .....	2,695	2,664	1,520	1,548	1,175	1,117

**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	
	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
Total .....	106,262	108,428	59,716	60,380	56,610	57,335	46,546	48,048	43,559	45,088
Managerial and professional specialty .....	25,219	26,432	14,719	15,006	14,633	14,925	10,500	11,427	10,410	11,330
Executive, administrative, and managerial .....	11,657	12,343	7,645	7,894	7,619	7,871	4,012	4,449	3,977	4,410
Officials and administrators, public administration .....	493	575	326	348	326	348	167	227	167	225
Other executive, administrative, and managerial .....	7,947	8,421	5,540	5,774	5,519	5,753	2,407	2,647	2,382	2,615
Management-related occupations .....	3,216	3,347	1,779	1,771	1,774	1,770	1,438	1,576	1,428	1,569
Professional specialty .....	13,562	14,089	7,074	7,112	7,014	7,054	6,488	6,978	6,433	6,920
Engineers .....	1,611	1,690	1,500	1,558	1,498	1,558	111	132	109	132
Mathematical and computer scientists .....	473	533	325	359	324	356	148	174	148	174
Natural scientists .....	374	373	298	299	298	298	75	74	76	70
Health diagnosing occupations .....	786	736	705	619	705	619	80	117	81	117
Health assessment and treating occupations .....	1,914	2,076	247	280	247	278	1,667	1,795	1,665	1,789
Teachers, college and university .....	696	692	456	456	454	455	240	236	239	235
Teachers, except college and university .....	3,590	3,758	1,058	982	1,041	972	2,532	2,776	2,506	2,748
Lawyers and judges .....	678	665	544	557	544	557	134	108	134	108
Other professional specialty occupations .....	3,441	3,567	1,941	2,002	1,902	1,961	1,499	1,565	1,477	1,547
Technical, sales, and administrative support .....	32,723	33,438	11,524	11,683	11,009	11,162	21,200	21,755	19,704	20,208
Technicians and related support .....	3,214	3,209	1,670	1,688	1,643	1,667	1,544	1,521	1,525	1,509
Health technologists and technicians .....	1,169	1,146	207	193	203	187	963	953	957	951
Engineering and science technicians .....	1,061	1,049	848	835	833	825	214	214	203	209
Technicians, except health, engineering, and science .....	983	1,013	616	659	606	655	368	354	365	350
Sales occupations .....	12,747	12,738	6,501	6,630	6,171	6,301	6,246	6,108	5,380	5,284
Supervisors and proprietors .....	3,304	3,416	2,289	2,354	2,277	2,316	1,015	1,062	996	1,037
Sales representatives, finance and business services .....	1,978	2,131	1,211	1,269	1,200	1,262	767	861	751	828
Sales representatives, commodities, except retail .....	1,504	1,453	1,248	1,199	1,232	1,184	256	254	248	252
Sales workers, retail and personal services .....	5,914	5,668	1,742	1,771	1,450	1,503	4,172	3,896	3,353	3,132
Sales-related occupations .....	47	71	12	36	12	36	35	34	33	35
Administrative support, including clerical .....	16,763	17,491	3,353	3,366	3,195	3,193	13,410	14,125	12,800	13,414
Supervisors .....	653	687	312	300	313	299	341	387	341	384
Computer equipment operators .....	672	794	194	257	194	256	478	536	461	506
Secretaries, stenographers, and typists .....	4,825	5,038	148	94	143	84	4,677	4,944	4,449	4,700
Financial records processing .....	2,452	2,541	212	228	208	226	2,240	2,313	2,190	2,250
Mail and message distributing .....	801	805	578	549	547	520	223	256	217	243
Other administrative support, including clerical .....	7,360	7,626	1,908	1,936	1,790	1,808	5,451	5,690	5,142	5,332
Service occupations .....	14,214	14,522	5,600	5,748	4,780	4,938	8,614	8,774	7,534	7,728
Private household .....	991	1,042	39	29	31	17	952	1,013	781	862
Protective service .....	1,744	1,731	1,516	1,516	1,478	1,502	228	216	208	203
Service, except private household and protective .....	11,479	11,749	4,046	4,204	3,270	3,420	7,433	7,545	6,546	6,662
Food service .....	4,969	5,160	1,853	1,928	1,266	1,343	3,115	3,232	2,487	2,569
Health service .....	1,690	1,663	145	174	141	154	1,545	1,488	1,436	1,388
Cleaning and building service .....	2,812	2,782	1,707	1,698	1,550	1,560	1,104	1,084	1,051	1,055
Personal service .....	2,008	2,145	340	404	314	362	1,668	1,741	1,572	1,650
Precision production, craft, and repair .....	13,305	13,732	12,166	12,550	11,779	12,235	1,139	1,183	1,109	1,158
Mechanics and repairers .....	4,423	4,578	4,276	4,426	4,154	4,319	147	152	144	152
Construction trades .....	4,784	4,934	4,689	4,833	4,518	4,692	95	101	92	94
Other precision production, craft, and repair .....	4,098	4,220	3,201	3,290	3,107	3,223	897	930	873	912
Operators, fabricators, and laborers .....	17,252	16,904	12,696	12,546	11,668	11,477	4,556	4,358	4,315	4,144
Machine operators, assemblers, and inspectors .....	8,121	7,816	4,815	4,625	4,595	4,441	3,306	3,191	3,169	3,057
Manufacturing industries .....	6,809	6,556	3,987	3,847	3,844	3,710	2,822	2,709	2,719	2,619
Durable goods .....	3,833	3,719	2,647	2,596	2,558	2,520	1,186	1,123	1,135	1,089
Nondurable goods .....	2,977	2,836	1,341	1,251	1,286	1,190	1,636	1,585	1,584	1,529
Nonmanufacturing industries .....	1,311	1,260	827	778	751	731	484	482	450	438
Transportation and material moving occupations .....	4,680	4,631	4,265	4,230	4,133	4,079	415	401	402	389
Motor vehicle operators .....	3,354	3,338	3,004	2,972	2,892	2,853	350	366	336	354
Other transportation and material moving occupations .....	1,326	1,293	1,261	1,258	1,241	1,226	65	35	65	35
Handlers, equipment cleaners, helpers, and laborers .....	4,452	4,457	3,617	3,692	2,940	2,956	835	765	744	698
Construction laborers .....	696	739	670	718	624	619	26	21	25	21
Other handlers, equipment cleaners, helpers, and laborers .....	3,756	3,718	2,946	2,974	2,316	2,338	809	744	719	677
Farming, forestry, and fishing .....	3,548	3,399	3,011	2,847	2,741	2,598	536	552	486	521
Farm operators and managers .....	1,421	1,352	1,247	1,161	1,228	1,147	174	191	172	191
Other farming, forestry, and fishing occupations .....	2,127	2,048	1,764	1,686	1,514	1,451	363	361	313	330

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	106,262	108,428	59,716	60,380	46,546	48,048
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	23.7	24.4	24.6	24.9	22.6	23.8
Executive, administrative, and managerial .....	11.0	11.4	12.8	13.1	8.6	9.3
Professional specialty .....	12.8	13.0	11.8	11.8	13.9	14.5
Technical, sales, and administrative support .....	30.8	30.8	19.3	19.3	45.5	45.3
Technicians and related support .....	3.0	3.0	2.8	2.8	3.3	3.2
Sales occupations .....	12.0	11.7	10.9	11.0	13.4	12.7
Administrative support, including clerical .....	15.8	16.1	5.6	5.6	28.8	29.4
Service occupations .....	13.4	13.4	9.4	9.5	18.5	18.3
Private household .....	.9	1.0	.1	( <sup>1</sup> )	2.0	2.1
Protective service .....	1.6	1.6	2.5	2.5	.5	.4
Service, except private household and protective .....	10.8	10.8	6.8	7.0	16.0	15.7
Precision production, craft, and repair .....	12.5	12.7	20.4	20.8	2.4	2.5
Operators, fabricators, and laborers .....	16.2	15.6	21.3	20.8	9.8	9.1
Machine operators, assemblers, and inspectors .....	7.6	7.2	8.1	7.7	7.1	6.6
Transportation and material moving occupations .....	4.4	4.3	7.1	7.0	.9	.8
Handlers, equipment cleaners, helpers, and laborers .....	4.2	4.1	6.1	6.1	1.8	1.6
Farming, forestry, and fishing .....	3.3	3.1	5.0	4.7	1.2	1.1
<b>White</b>						
Total, 16 years and over (thousands) .....	92,925	94,885	52,827	53,465	40,098	41,420
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	24.7	25.3	25.8	25.9	23.4	24.6
Executive, administrative, and managerial .....	11.6	12.0	13.5	13.8	9.1	9.7
Professional specialty .....	13.1	13.4	12.3	12.2	14.3	14.9
Technical, sales, and administrative support .....	31.4	31.3	19.7	19.6	46.8	46.4
Technicians and related support .....	3.0	2.9	2.8	2.8	3.3	3.1
Sales occupations .....	12.6	12.3	11.6	11.6	14.1	13.2
Administrative support, including clerical .....	15.7	16.1	5.3	5.2	29.4	30.0
Service occupations .....	12.1	12.3	8.3	8.6	17.1	17.0
Private household .....	.7	.8	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.7
Protective service .....	1.6	1.5	2.4	2.4	.5	.4
Service, except private household and protective .....	9.8	10.0	5.8	6.2	15.0	14.9
Precision production, craft, and repair .....	12.9	13.1	20.8	21.4	2.4	2.4
Operators, fabricators, and laborers .....	15.5	14.8	20.3	19.7	9.1	8.4
Machine operators, assemblers, and inspectors .....	7.2	6.8	7.7	7.4	6.4	6.0
Transportation and material moving occupations .....	4.3	4.2	6.9	6.8	.9	.9
Handlers, equipment cleaners, helpers, and laborers .....	4.0	3.8	5.7	5.6	1.8	1.5
Farming, forestry, and fishing .....	3.5	3.2	5.1	4.8	1.3	1.3
<b>Black</b>						
Total, 16 years and over (thousands) .....	10,353	10,576	5,249	5,301	5,104	5,275
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	14.1	14.5	12.8	12.2	15.5	16.8
Executive, administrative, and managerial .....	5.6	5.9	6.4	6.3	4.7	5.6
Professional specialty .....	8.6	8.6	6.5	5.9	10.7	11.3
Technical, sales, and administrative support .....	26.0	26.8	14.7	15.8	37.6	37.9
Technicians and related support .....	2.6	2.6	2.0	2.2	3.2	3.0
Sales occupations .....	6.5	7.2	4.3	5.6	8.8	8.8
Administrative support, including clerical .....	16.9	17.0	8.4	8.0	25.7	26.1
Service occupations .....	24.3	22.8	18.9	17.6	29.8	28.1
Private household .....	2.9	2.7	.2	.1	5.6	5.4
Protective service .....	2.4	2.4	3.9	3.9	.8	.8
Service, except private household and protective .....	19.0	17.7	14.7	13.6	23.4	21.9
Precision production, craft, and repair .....	9.9	9.6	16.8	16.4	2.8	2.8
Operators, fabricators, and laborers .....	23.2	23.8	32.2	33.6	13.9	14.0
Machine operators, assemblers, and inspectors .....	11.1	11.1	11.3	11.2	11.0	11.1
Transportation and material moving occupations .....	6.0	5.6	10.9	10.5	1.0	.6
Handlers, equipment cleaners, helpers, and laborers .....	6.0	7.1	10.1	11.9	1.9	2.4
Farming, forestry, and fishing .....	2.5	2.4	4.5	4.5	.4	.4

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	October 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 .....	96,958	1,305	16,435	79,218	8,108	253	1,450	1,482	178
16 to 19 years .....	5,700	227	328	5,146	84	8	162	26	26
16 to 17 years .....	2,160	155	87	1,918	32	4	51	13	17
18 to 19 years .....	3,540	72	240	3,228	52	4	111	13	9
20 to 24 years .....	13,331	155	1,249	11,927	302	13	283	69	19
25 to 34 years .....	29,059	213	4,483	24,364	2,025	38	430	285	19
35 to 44 years .....	22,482	176	4,854	17,452	2,284	78	249	287	23
45 to 54 years .....	14,462	211	3,079	11,172	1,601	50	148	287	34
55 to 64 years .....	9,858	199	2,061	7,598	1,230	48	116	323	45
55 to 59 years .....	6,034	104	1,297	4,633	723	27	64	161	30
60 to 64 years .....	3,824	94	764	2,965	507	21	52	163	15
65 years and over .....	2,064	124	382	1,558	581	19	61	204	12
Men, 16 years and over .....	52,612	165	7,917	44,529	5,316	19	1,133	1,252	49
16 to 19 years .....	2,807	67	118	2,622	60	4	135	23	17
16 to 17 years .....	1,060	50	27	983	22	3	39	11	14
18 to 19 years .....	1,747	17	91	1,639	38	1	96	11	3
20 to 24 years .....	6,806	18	600	6,187	196	3	223	65	16
25 to 34 years .....	16,031	35	2,098	13,898	1,304	2	322	243	5
35 to 44 years .....	12,253	13	2,300	9,941	1,427	-	185	234	2
45 to 54 years .....	8,030	11	1,595	6,424	1,046	4	125	217	2
55 to 64 years .....	5,549	13	998	4,538	872	4	96	290	1
55 to 59 years .....	3,423	12	617	2,795	495	4	53	142	1
60 to 64 years .....	2,125	1	381	1,743	377	-	42	148	-
65 years and over .....	1,136	8	208	920	411	1	47	179	6
Women, 16 years and over .....	44,346	1,139	8,518	34,688	2,792	234	317	230	129
16 to 19 years .....	2,894	160	210	2,524	24	4	27	3	9
16 to 17 years .....	1,100	104	60	936	10	1	11	2	3
18 to 19 years .....	1,794	56	150	1,588	14	3	15	1	7
20 to 24 years .....	6,525	136	649	5,740	106	10	60	4	3
25 to 34 years .....	13,028	178	2,384	10,466	721	36	108	42	14
35 to 44 years .....	10,229	163	2,554	7,512	857	78	64	53	20
45 to 54 years .....	6,432	201	1,484	4,748	555	46	23	69	32
55 to 64 years .....	4,309	186	1,063	3,060	358	44	20	33	44
55 to 59 years .....	2,611	93	680	1,838	228	23	11	18	29
60 to 64 years .....	1,698	93	383	1,222	130	20	10	15	15
65 years and over .....	929	116	174	639	170	17	15	26	6



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	October 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 <sup>1</sup>		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture .....	3,110	56	47	29	15	93		12	29	13	67	7	2,742
Mining .....	903	136	93	44	13	96		7	280	23	179	30	3
Construction .....	7,308	845	118	34	80	463		29	4,211	93	562	859	15
Manufacturing .....	20,702	2,293	1,588	721	716	2,478		327	4,021	6,556	824	1,101	78
Durable goods .....	12,548	1,422	1,120	505	294	1,444		192	2,841	3,719	429	506	76
Nondurable goods .....	8,155	871	468	217	421	1,034		135	1,180	2,836	395	595	3
Transportation and public utilities .....	7,623	788	505	236	315	2,046		246	1,321	87	1,648	422	10
Wholesale and retail trade .....	22,463	1,905	426	79	9,228	2,286		4,268	1,497	284	822	1,636	31
Wholesale trade .....	4,275	479	78	37	1,704	757		44	315	142	418	292	10
Retail trade .....	18,188	1,426	348	42	7,523	1,528		4,226	1,183	143	404	1,344	20
Finance, insurance, and real estate .....	7,086	1,692	154	129	1,661	2,939	-	288	132	13	14	17	48
Services .....	34,172	3,507	10,540	1,738	685	5,667	1,042	7,105	1,961	717	458	344	407
Private households .....	1,308	1	14	10	-	7	1,042	100	8	2	5	27	93
Other service industries .....	32,864	3,506	10,526	1,729	685	5,660	-	7,005	1,953	716	453	317	315
Professional services .....	22,192	1,988	9,488	1,435	140	4,141	-	3,966	407	202	261	81	84
Public administration .....	5,061	1,120	619	199	25	1,425	-	1,198	281	29	57	41	66

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

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

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	Oct. 1984	Oct. 1985	Total		Wage and salary workers <sup>1</sup>			
			Oct. 1984	Oct. 1985	Paid absences		Unpaid absences	
					Oct. 1984	Oct. 1985	Oct. 1984	Oct. 1985
Total, 16 years and over .....	4,769	4,271	4,638	4,179	2,396	2,262	1,704	1,488
Vacation .....	2,205	1,968	2,179	1,948	1,607	1,501	362	299
Illness .....	1,443	1,312	1,400	1,286	507	527	777	657
Bad weather .....	97	49	56	19	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Industrial dispute .....	42	63	42	63	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
All other reasons .....	983	878	961	862	282	235	565	532
Men, 16 years and over .....	2,514	2,230	2,403	2,153	1,402	1,244	728	659
Vacation .....	1,296	1,093	1,283	1,076	1,040	862	133	114
Illness .....	711	690	671	666	264	289	366	324
All other reasons <sup>3</sup> .....	507	446	448	411	98	93	229	221
Women, 16 years and over .....	2,254	2,041	2,235	2,026	994	1,020	976	829
Vacation .....	909	875	896	871	568	640	229	185
Illness .....	731	622	728	620	244	238	411	333
All other reasons <sup>3</sup> .....	614	544	611	534	183	142	335	312

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

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

<sup>3</sup> Includes bad weather and industrial dispute, not shown separately.  
NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Hours of work	October 1985					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	104,158	3,018	101,140	100.0	100.0	100.0
1 to 34 hours .....	24,728	864	23,863	23.7	28.6	23.6
1 to 4 hours .....	812	54	758	.8	1.8	.7
5 to 14 hours .....	4,627	222	4,405	4.4	7.4	4.4
15 to 29 hours .....	12,399	378	12,021	11.9	12.5	11.9
30 to 34 hours .....	6,890	210	6,679	6.6	7.0	6.6
35 hours and over .....	79,431	2,153	77,277	76.3	71.4	76.4
35 to 39 hours .....	7,259	163	7,096	7.0	5.4	7.0
40 hours .....	41,879	561	41,318	40.2	18.6	40.9
41 hours and over .....	30,293	1,429	28,863	29.1	47.4	28.5
41 to 48 hours .....	11,032	217	10,815	10.6	7.2	10.7
49 to 59 hours .....	10,915	392	10,523	10.5	13.0	10.4
60 hours and over .....	8,346	820	7,525	8.0	27.2	7.4
Average hours, total at work .....	39.2	44.6	39.0	-	-	-
Average hours, workers on full-time schedules .....	43.7	51.8	43.5	-	-	-

**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	October 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 .....	24,728	6,419	18,309	23,863	6,136	17,727
Economic reasons .....	5,165	1,485	3,680	4,963	1,421	3,542
Slack work .....	2,184	1,181	1,003	2,063	1,126	937
Material shortages or repairs to plant and equipment .....	56	56	-	54	54	-
New job started during week .....	160	160	-	157	157	-
Job terminated during week .....	89	89	-	85	85	-
Could find only part-time work .....	2,678	-	2,678	2,605	-	2,605
Other reasons .....	19,563	4,935	14,628	18,900	4,715	14,185
Does not want, or unavailable for, full-time work .....	12,305	-	12,305	11,970	-	11,970
Vacation .....	1,336	1,336	-	1,328	1,328	-
Illness .....	1,593	1,406	187	1,563	1,389	174
Bad weather .....	450	450	-	316	316	-
Industrial dispute .....	11	11	-	11	11	-
Legal or religious holiday .....	196	196	-	196	196	-
Full time for this job .....	1,600	-	1,600	1,573	-	1,573
All other reasons .....	2,072	1,536	536	1,944	1,476	468
Average hours:						
Economic reasons .....	21.9	24.7	20.8	22.0	24.7	20.9
Other reasons .....	20.8	26.4	18.9	20.9	26.5	19.0
Worked 30 to 34 hours:						
Economic reasons .....	1,588	682	906	1,551	659	892
Other reasons .....	5,302	2,692	2,610	5,128	2,594	2,534

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Industry	October 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 .....	101,140	4,963	14,185	81,992	53,129	10,815	18,048	39.0	43.5
Wage and salary workers .....	93,173	4,407	12,831	75,935	50,479	10,126	15,330	38.8	43.1
Mining .....	819	27	20	772	410	116	246	44.8	46.2
Construction .....	5,732	332	272	5,128	3,354	657	1,117	40.6	43.1
Manufacturing .....	19,534	518	680	18,336	12,172	2,906	3,258	41.7	43.0
Durable goods .....	11,813	197	320	11,296	7,508	1,796	1,992	42.0	42.9
Nondurable goods .....	7,720	321	360	7,039	4,662	1,110	1,267	41.2	43.0
Transportation and public utilities .....	6,927	223	382	6,322	4,136	825	1,361	41.7	43.8
Wholesale and retail trade .....	19,711	1,454	4,615	13,642	8,215	2,110	3,317	36.8	44.0
Finance, insurance, and real estate .....	6,315	135	584	5,596	3,910	734	952	39.7	42.2
Service industries .....	29,291	1,639	6,007	21,645	14,856	2,339	4,450	36.7	42.9
Private households .....	1,273	246	573	454	306	40	108	24.7	44.0
All other industries .....	28,018	1,393	5,434	21,191	14,550	2,299	4,342	37.2	42.9
Public administration .....	4,844	79	271	4,494	3,429	436	629	40.3	41.8
Self-employed workers .....	7,714	547	1,258	5,909	2,567	683	2,659	41.4	48.4
Unpaid family workers .....	253	9	97	147	82	6	59	36.1	46.3

**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	October 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		
<b>TOTAL</b>								
Total, 16 years and over .....	101,140	4,963	14,185	81,992	53,129	28,863	39.0	43.5
16 to 19 years .....	5,667	509	3,292	1,866	1,454	412	24.6	40.3
16 to 17 years .....	2,139	94	1,853	192	153	39	17.6	38.9
18 to 19 years .....	3,528	416	1,438	1,674	1,301	373	28.9	40.5
20 years and over .....	95,473	4,454	10,894	80,125	51,674	28,451	39.9	43.6
20 to 24 years .....	13,278	1,025	2,246	10,007	6,963	3,044	37.0	42.4
25 years and over .....	82,194	3,428	8,647	70,119	44,712	25,407	40.4	43.7
25 to 44 years .....	53,998	2,327	4,715	46,956	29,256	17,700	41.0	44.0
45 to 64 years .....	25,747	988	2,718	22,041	14,682	7,359	40.1	43.4
65 years and over .....	2,449	113	1,214	1,122	773	349	28.7	42.6
<b>Men, 16 years and over</b> .....	55,793	2,135	4,247	49,411	28,520	20,891	42.0	44.9
16 to 19 years .....	2,808	222	1,537	1,049	781	268	25.8	40.8
16 to 17 years .....	1,052	41	899	112	79	33	18.5	40.7
18 to 19 years .....	1,755	183	638	934	699	235	30.1	40.8
20 years and over .....	52,986	1,912	2,710	48,364	27,741	20,623	42.9	45.0
20 to 24 years .....	6,844	484	941	5,419	3,450	1,969	38.7	43.6
25 years and over .....	46,142	1,429	1,769	42,944	24,289	18,655	43.5	45.2
25 to 44 years .....	30,094	999	665	28,430	15,544	12,886	44.2	45.6
45 to 64 years .....	14,628	377	498	13,753	8,249	5,504	43.2	44.6
65 years and over .....	1,420	53	606	761	498	263	30.9	43.1
<b>Women, 16 years and over</b> .....	45,346	2,827	9,938	32,581	24,609	7,972	35.3	41.3
16 to 19 years .....	2,859	286	1,754	819	675	144	23.5	39.7
16 to 17 years .....	1,087	53	954	80	74	6	16.7	36.4
18 to 19 years .....	1,772	233	800	739	601	138	27.7	40.1
20 years and over .....	42,487	2,542	8,184	31,761	23,933	7,828	36.1	41.4
20 to 24 years .....	6,435	542	1,306	4,587	3,512	1,075	35.1	40.9
25 years and over .....	36,052	2,000	6,878	27,174	20,421	6,753	36.3	41.5
25 to 44 years .....	23,904	1,329	4,049	18,526	13,715	4,811	36.9	41.5
45 to 64 years .....	11,120	611	2,220	8,289	6,435	1,854	36.0	41.3
65 years and over .....	1,028	60	608	360	273	87	25.5	41.4
<b>RACE</b>								
<b>White, 16 years and over</b> .....	88,337	4,064	12,871	71,402	44,883	26,519	39.1	43.7
Men .....	49,290	1,749	3,834	43,707	24,389	19,318	42.3	45.2
Women .....	39,047	2,314	9,037	27,696	20,494	7,202	35.1	41.5
<b>Black, 16 years and over</b> .....	9,987	763	981	8,243	6,612	1,631	37.9	41.5
Men .....	4,960	325	310	4,325	3,227	1,098	39.8	42.7
Women .....	5,026	437	671	3,918	3,386	532	36.1	40.3
<b>MARITAL STATUS</b>								
<b>Men, 16 years and over:</b>								
Married, spouse present .....	36,581	940	1,255	34,386	19,058	15,328	43.9	45.4
Widowed, divorced, or separated .....	5,293	249	212	4,832	2,805	2,027	42.9	45.1
Single (never married) .....	13,919	945	2,780	10,194	6,657	3,537	36.7	43.2
<b>Women, 16 years and over:</b>								
Married, spouse present .....	25,513	1,425	5,819	18,269	13,998	4,271	35.2	41.1
Widowed, divorced, or separated .....	8,637	601	1,105	6,931	5,074	1,857	37.6	41.8
Single (never married) .....	11,196	801	3,014	7,381	5,537	1,844	33.7	41.6

**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	October 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 .....	100,858	4,916	14,100	81,841	52,964	10,807	18,070	39.0	43.5
Managerial and professional specialty .....	25,488	453	2,463	22,572	12,686	2,990	6,896	42.1	45.1
Executive, administrative, and managerial .....	11,935	135	606	11,194	5,884	1,490	3,820	44.2	45.8
Professional specialty .....	13,553	318	1,857	11,378	6,802	1,500	3,076	40.3	44.4
Technical, sales, and administrative support .....	32,160	1,237	5,731	25,191	17,419	3,137	4,636	37.8	42.7
Technicians and related support .....	3,082	72	345	2,665	1,906	304	456	39.6	42.5
Sales occupations .....	12,279	661	2,532	9,086	4,730	1,361	2,996	39.1	45.8
Administrative support, including clerical .....	16,799	505	2,854	13,440	10,783	1,473	1,185	36.4	40.6
Service occupations .....	13,942	1,567	4,020	8,355	6,129	881	1,345	33.0	42.2
Private household .....	1,013	205	455	353	246	31	77	24.2	43.0
Protective service .....	1,664	64	140	1,460	901	230	328	41.7	44.9
Service, except private household and protective .....	11,265	1,298	3,425	6,542	4,982	620	940	32.5	41.5
Precision production, craft, and repair .....	13,140	649	450	12,041	7,614	1,785	2,642	41.7	43.6
Operators, fabricators, and laborers .....	16,128	1,011	1,435	13,682	9,116	2,015	2,551	39.8	43.3
Machine operators, assemblers, and inspectors .....	7,462	348	336	6,778	4,940	998	840	40.4	42.1
Transportation and material moving occupations .....	4,413	252	338	3,823	1,986	612	1,224	42.9	46.5
Handlers, equipment cleaners, helpers, and laborers .....	4,253	411	761	3,082	2,190	405	487	35.8	41.9
Men, 16 years and over .....	55,385	2,081	4,128	49,176	28,300	7,089	13,787	42.1	45.0
Managerial and professional specialty .....	14,546	184	696	13,665	6,791	1,842	5,032	44.9	46.6
Executive, administrative, and managerial .....	7,642	68	216	7,358	3,412	983	2,963	46.1	47.1
Professional specialty .....	6,904	117	480	6,307	3,379	859	2,069	43.5	45.9
Technical, sales, and administrative support .....	11,308	225	1,035	10,048	5,326	1,521	3,201	42.8	45.8
Technicians and related support .....	1,637	19	94	1,524	1,003	190	331	41.7	43.4
Sales occupations .....	6,432	143	599	5,690	2,354	916	2,419	44.6	48.0
Administrative support, including clerical .....	3,239	63	342	2,835	1,969	415	451	39.6	42.6
Service occupations .....	5,536	466	1,055	4,014	2,773	472	769	36.6	43.3
Private household .....	26	4	13	9	8	-	1	( <sup>1</sup> )	( <sup>1</sup> )
Protective service .....	1,456	32	87	1,337	805	218	314	43.1	45.2
Service, except private household and protective .....	4,053	430	955	2,668	1,960	254	454	34.4	42.3
Precision production, craft, and repair .....	12,013	559	333	11,121	6,929	1,658	2,535	42.1	43.8
Operators, fabricators, and laborers .....	11,982	646	1,008	10,328	6,482	1,597	2,250	40.7	44.0
Machine operators, assemblers, and inspectors .....	4,413	103	143	4,167	2,851	659	657	41.8	43.0
Transportation and material moving occupations .....	4,034	219	232	3,583	1,814	592	1,177	43.7	46.7
Handlers, equipment cleaners, helpers, and laborers .....	3,535	324	634	2,577	1,816	346	416	35.8	41.9
Women, 16 years and over .....	45,472	2,835	9,972	32,665	24,664	3,718	4,283	35.3	41.3
Managerial and professional specialty .....	10,942	268	1,767	8,906	5,895	1,148	1,863	38.4	42.9
Executive, administrative, and managerial .....	4,293	67	390	3,836	2,472	507	857	40.8	43.3
Professional specialty .....	6,649	202	1,377	5,070	3,423	641	1,006	36.9	42.5
Technical, sales, and administrative support .....	20,851	1,012	4,697	15,143	12,093	1,616	1,434	35.0	40.6
Technicians and related support .....	1,445	53	251	1,141	903	114	125	37.3	41.3
Sales occupations .....	5,847	518	1,933	3,396	2,375	444	576	33.0	42.1
Administrative support, including clerical .....	13,560	441	2,513	10,606	8,815	1,058	733	35.7	40.0
Service occupations .....	8,406	1,100	2,965	4,341	3,356	408	576	30.6	41.2
Private household .....	987	200	443	344	238	30	76	24.4	43.2
Protective service .....	207	32	53	123	96	13	14	31.9	41.9
Service, except private household and protective .....	7,212	868	2,469	3,874	3,022	366	486	31.4	40.9
Precision production, craft, and repair .....	1,127	90	117	920	686	127	107	37.4	41.3
Operators, fabricators, and laborers .....	4,146	365	427	3,354	2,635	418	301	37.4	41.0
Machine operators, assemblers, and inspectors .....	3,049	245	194	2,610	2,089	338	183	38.2	40.6
Transportation and material moving occupations .....	378	33	106	239	172	20	47	34.1	42.8
Handlers, equipment cleaners, helpers, and laborers .....	719	87	127	505	374	60	71	35.7	41.9

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status and sex	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>TOTAL</b>													
Noninstitutional population <sup>1</sup> .....	178,661	178,834	179,004	179,081	179,219	179,368	179,501	179,649	179,798	179,967	180,131	180,304	180,470
Labor force <sup>1</sup> .....	115,721	115,773	116,162	116,572	116,787	117,215	117,073	117,078	116,485	117,018	117,025	117,550	117,859
Percent of population <sup>2</sup> .....	64.8	64.7	64.9	65.1	65.2	65.3	65.2	65.2	64.8	65.0	65.0	65.2	65.3
Total employed <sup>1</sup> .....	107,354	107,631	107,971	108,088	108,388	108,820	108,647	108,665	108,072	108,566	108,898	109,276	109,567
Employment-population ratio <sup>3</sup> .....	60.1	60.2	60.3	60.4	60.5	60.7	60.5	60.5	60.1	60.3	60.5	60.6	60.7
Resident Armed Forces .....	1,705	1,699	1,698	1,697	1,703	1,701	1,702	1,705	1,702	1,704	1,726	1,732	1,700
Civilian employed .....	105,649	105,932	106,273	106,391	106,685	107,119	106,945	106,960	106,370	106,862	107,172	107,544	107,867
Agriculture .....	3,169	3,334	3,385	3,320	3,340	3,362	3,428	3,312	3,138	3,126	3,092	2,976	3,026
Nonagricultural industries .....	102,480	102,598	102,888	103,071	103,345	103,757	103,517	103,648	103,232	103,737	104,080	104,568	104,841
Unemployed .....	8,367	8,142	8,191	8,484	8,399	8,396	8,426	8,413	8,413	8,451	8,127	8,274	8,291
Unemployment rate <sup>4</sup> .....	7.2	7.0	7.1	7.3	7.2	7.2	7.2	7.2	7.2	7.2	6.9	7.0	7.0
Not in labor force .....	62,940	63,061	62,842	62,509	62,432	62,153	62,428	62,571	63,313	62,949	63,106	62,754	62,611
<b>Men</b>													
Noninstitutional population <sup>1</sup> .....	85,439	85,523	85,607	85,629	85,692	85,764	85,827	85,898	85,970	86,052	86,132	86,217	86,293
Labor force <sup>1</sup> .....	65,558	65,657	65,814	65,822	65,818	65,923	65,986	66,032	65,608	65,900	65,901	66,106	66,259
Percent of population <sup>2</sup> .....	76.7	76.8	76.9	76.9	76.8	76.9	76.9	76.9	76.3	76.6	76.5	76.7	76.8
Total employed <sup>1</sup> .....	61,018	61,155	61,252	61,213	61,226	61,427	61,405	61,553	60,959	61,256	61,507	61,685	61,689
Employment-population ratio <sup>3</sup> .....	71.4	71.5	71.6	71.5	71.4	71.6	71.5	71.7	70.9	71.2	71.4	71.5	71.5
Resident Armed Forces .....	1,557	1,552	1,550	1,549	1,554	1,553	1,553	1,556	1,552	1,554	1,574	1,580	1,551
Civilian employed .....	59,461	59,603	59,702	59,664	59,672	59,874	59,852	59,997	59,407	59,702	59,933	60,105	60,138
Unemployed .....	4,540	4,502	4,562	4,609	4,592	4,495	4,582	4,479	4,649	4,644	4,395	4,421	4,570
Unemployment rate <sup>4</sup> .....	6.9	6.9	6.9	7.0	7.0	6.8	6.9	6.8	7.1	7.0	6.7	6.7	6.9
Not in labor force .....	19,881	19,866	19,793	19,807	19,874	19,841	19,841	19,866	20,362	20,152	20,231	20,111	20,034
<b>Women</b>													
Noninstitutional population <sup>1</sup> .....	93,222	93,311	93,397	93,452	93,527	93,603	93,674	93,751	93,828	93,915	93,999	94,087	94,177
Labor force <sup>1</sup> .....	50,163	50,116	50,348	50,750	50,970	51,293	51,086	51,047	50,877	51,117	51,123	51,444	51,599
Percent of population <sup>2</sup> .....	53.8	53.7	53.9	54.3	54.5	54.8	54.5	54.4	54.2	54.4	54.4	54.7	54.8
Total employed <sup>1</sup> .....	46,336	46,476	46,719	46,875	47,162	47,392	47,242	47,113	47,113	47,310	47,391	47,591	47,878
Employment-population ratio <sup>3</sup> .....	49.7	49.8	50.0	50.2	50.4	50.6	50.4	50.3	50.2	50.4	50.4	50.6	50.8
Resident Armed Forces .....	148	147	148	148	149	148	149	149	150	150	152	152	149
Civilian employed .....	46,188	46,329	46,571	46,727	47,013	47,244	47,093	46,964	46,963	47,160	47,239	47,439	47,729
Unemployed .....	3,827	3,640	3,629	3,875	3,807	3,900	3,844	3,934	3,764	3,807	3,732	3,854	3,721
Unemployment rate <sup>4</sup> .....	7.6	7.3	7.2	7.6	7.5	7.6	7.5	7.7	7.4	7.4	7.3	7.5	7.2
Not in labor force .....	43,059	43,195	43,049	42,702	42,557	42,310	42,588	42,704	42,951	42,798	42,876	42,643	42,578

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

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

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

<sup>4</sup> Unemployment as a percent of the labor force (including the resident

Armed Forces).

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

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

(Numbers in thousands)

Employment status, sex, and age	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	176,956	177,135	177,306	177,384	177,516	177,667	177,799	177,944	178,096	178,263	178,405	178,572	178,770
Civilian labor force .....	114,016	114,074	114,464	114,875	115,084	115,514	115,371	115,373	114,783	115,314	115,299	115,818	116,159
Percent of population .....	64.4	64.4	64.6	64.8	64.8	65.0	64.9	64.8	64.5	64.7	64.6	64.9	65.0
Employed .....	105,649	105,932	106,273	106,391	106,685	107,119	106,945	106,960	106,370	106,862	107,172	107,544	107,867
Employment-population ratio <sup>2</sup> .....	59.7	59.8	59.9	60.0	60.1	60.3	60.1	60.1	59.7	59.9	60.1	60.2	60.3
Unemployed .....	8,367	8,142	8,191	8,484	8,399	8,396	8,426	8,413	8,413	8,451	8,127	8,274	8,291
Unemployment rate .....	7.3	7.1	7.2	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.0	7.1	7.1
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	76,565	76,663	76,753	76,760	76,829	76,904	76,988	77,068	77,135	77,243	77,306	77,389	77,498
Civilian labor force .....	59,913	59,994	60,131	60,033	60,061	60,152	60,177	60,214	60,100	60,143	60,227	60,438	60,564
Percent of population .....	78.3	78.3	78.3	78.2	78.2	78.2	78.2	78.1	77.9	77.9	77.9	78.1	78.1
Employed .....	56,182	56,269	56,372	56,234	56,287	56,421	56,370	56,563	56,209	56,376	56,628	56,802	56,901
Employment-population ratio <sup>2</sup> .....	73.4	73.4	73.4	73.3	73.3	73.4	73.2	73.4	72.9	73.0	73.3	73.4	73.4
Agriculture .....	2,334	2,434	2,494	2,417	2,362	2,326	2,390	2,370	2,266	2,231	2,232	2,148	2,153
Nonagricultural industries .....	53,848	53,835	53,878	53,817	53,926	54,095	53,980	54,193	53,944	54,145	54,396	54,654	54,748
Unemployed .....	3,731	3,725	3,759	3,798	3,774	3,731	3,807	3,651	3,891	3,767	3,600	3,637	3,663
Unemployment rate .....	6.2	6.2	6.3	6.3	6.3	6.2	6.3	6.1	6.5	6.3	6.0	6.0	6.0
Not in labor force .....	16,652	16,669	16,622	16,727	16,768	16,752	16,811	16,854	17,035	17,100	17,079	16,951	16,934
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	85,793	85,897	85,995	86,015	86,086	86,181	86,274	86,380	86,477	86,575	86,652	86,727	86,810
Civilian labor force .....	46,264	46,279	46,463	46,771	46,894	47,193	47,155	47,077	47,180	47,184	47,344	47,568	47,675
Percent of population .....	53.9	53.9	54.0	54.4	54.5	54.8	54.7	54.5	54.6	54.5	54.6	54.8	54.9
Employed .....	43,091	43,252	43,511	43,610	43,768	44,014	43,958	43,846	44,032	44,059	44,152	44,324	44,636
Employment-population ratio <sup>2</sup> .....	50.2	50.4	50.6	50.7	50.8	51.1	51.0	50.8	50.9	50.9	51.0	51.1	51.4
Agriculture .....	569	580	595	592	614	659	651	597	558	596	571	540	626
Nonagricultural industries .....	42,522	42,672	42,916	43,018	43,153	43,355	43,307	43,249	43,474	43,463	43,580	43,784	44,010
Unemployed .....	3,173	3,027	2,952	3,161	3,126	3,179	3,197	3,231	3,148	3,125	3,192	3,244	3,038
Unemployment rate .....	6.9	6.5	6.4	6.8	6.7	6.7	6.8	6.9	6.7	6.6	6.7	6.8	6.4
Not in labor force .....	39,529	39,618	39,532	39,244	39,192	38,988	39,119	39,303	39,297	39,391	39,308	39,159	39,135
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	14,598	14,575	14,557	14,610	14,600	14,582	14,538	14,496	14,483	14,445	14,448	14,456	14,463
Civilian labor force .....	7,839	7,801	7,870	8,072	8,129	8,169	8,039	8,082	7,502	7,986	7,728	7,812	7,920
Percent of population .....	53.7	53.5	54.1	55.2	55.7	56.0	55.3	55.8	51.8	55.3	53.5	54.0	54.8
Employed .....	6,376	6,411	6,390	6,547	6,630	6,684	6,617	6,551	6,128	6,427	6,393	6,418	6,330
Employment-population ratio <sup>2</sup> .....	43.7	44.0	43.9	44.8	45.4	45.8	45.5	45.2	42.3	44.5	44.2	44.4	43.8
Agriculture .....	266	320	296	311	364	377	387	345	313	298	289	288	246
Nonagricultural industries .....	6,110	6,091	6,094	6,236	6,266	6,307	6,230	6,206	5,815	6,129	6,104	6,130	6,084
Unemployed .....	1,463	1,390	1,480	1,525	1,499	1,485	1,422	1,531	1,374	1,559	1,335	1,394	1,590
Unemployment rate .....	18.7	17.8	18.8	18.9	18.4	18.2	17.7	18.9	18.3	19.5	17.3	17.8	20.1
Not in labor force .....	6,759	6,774	6,687	6,538	6,471	6,413	6,499	6,414	6,981	6,459	6,720	6,644	6,543

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

population.

<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**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									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	152,605	152,659	152,734	153,103	153,191	153,296	153,388	153,489	153,597	153,717	153,819	153,938	154,082
Civilian labor force .....	98,631	98,630	99,005	99,496	99,711	100,035	99,805	99,768	99,441	99,735	99,735	100,165	100,598
Percent of population .....	64.6	64.6	64.8	65.0	65.1	65.3	65.1	65.0	64.7	64.9	64.8	65.1	65.3
Employed .....	92,407	92,587	92,884	93,124	93,552	93,785	93,544	93,539	92,990	93,374	93,599	94,071	94,452
Employment-population ratio <sup>2</sup> .....	60.6	60.6	60.8	60.8	61.1	61.2	61.0	60.9	60.5	60.7	60.8	61.1	61.3
Unemployed .....	6,224	6,043	6,121	6,372	6,159	6,250	6,262	6,230	6,451	6,362	6,136	6,094	6,146
Unemployment rate .....	6.3	6.1	6.2	6.4	6.2	6.2	6.3	6.2	6.5	6.4	6.2	6.1	6.1
<b>Men, 20 years and over</b>													
Civilian labor force .....	52,508	52,586	52,695	52,727	52,750	52,823	52,866	52,853	52,798	52,754	52,846	52,968	53,147
Percent of population .....	78.6	78.7	78.8	78.6	78.6	78.6	78.6	78.5	78.4	78.2	78.3	78.4	78.6
Employed .....	49,667	49,745	49,840	49,808	49,907	49,995	49,970	50,098	49,732	49,810	50,036	50,228	50,419
Employment-population ratio <sup>2</sup> .....	74.4	74.5	74.5	74.3	74.4	74.4	74.3	74.4	73.8	73.9	74.2	74.4	74.6
Unemployed .....	2,841	2,841	2,855	2,918	2,843	2,828	2,896	2,756	3,066	2,944	2,811	2,739	2,729
Unemployment rate .....	5.4	5.4	5.4	5.5	5.4	5.4	5.5	5.2	5.8	5.6	5.3	5.2	5.1
<b>Women, 20 years and over</b>													
Civilian labor force .....	39,271	39,237	39,434	39,789	39,925	40,158	40,024	39,961	40,102	40,130	40,253	40,397	40,573
Percent of population .....	53.2	53.2	53.4	53.7	53.9	54.1	53.9	53.8	53.9	53.9	54.0	54.2	54.4
Employed .....	36,979	37,063	37,259	37,440	37,681	37,798	37,686	37,609	37,759	37,831	37,941	38,068	38,338
Employment-population ratio <sup>2</sup> .....	50.1	50.2	50.4	50.6	50.8	51.0	50.8	50.6	50.8	50.8	50.9	51.1	51.4
Unemployed .....	2,292	2,174	2,175	2,348	2,244	2,360	2,338	2,352	2,343	2,299	2,312	2,330	2,235
Unemployment rate .....	5.8	5.5	5.5	5.9	5.6	5.9	5.8	5.9	5.8	5.7	5.7	5.8	5.5
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	6,852	6,807	6,876	6,981	7,036	7,054	6,915	6,954	6,541	6,852	6,635	6,800	6,877
Percent of population .....	56.9	56.6	57.3	58.2	58.8	59.1	58.0	58.5	55.0	57.7	55.9	57.3	58.0
Employed .....	5,761	5,779	5,785	5,876	5,964	5,992	5,888	5,832	5,499	5,733	5,622	5,775	5,695
Employment-population ratio <sup>2</sup> .....	47.8	48.1	48.2	49.0	49.8	50.2	49.4	49.0	46.3	48.3	47.4	48.7	48.0
Unemployed .....	1,091	1,028	1,091	1,105	1,072	1,062	1,027	1,122	1,042	1,119	1,013	1,025	1,182
Unemployment rate .....	15.9	15.1	15.9	15.8	15.2	15.1	14.9	16.1	15.9	16.3	15.3	15.1	17.2
Men .....	16.6	16.2	16.2	15.9	17.0	15.2	15.3	16.8	16.7	17.5	17.6	15.9	18.8
Women .....	15.2	13.9	15.5	15.8	13.4	14.9	14.3	15.3	15.1	15.0	12.7	14.2	15.5
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	19,449	19,481	19,513	19,518	19,542	19,569	19,594	19,620	19,646	19,675	19,700	19,728	19,761
Civilian labor force .....	12,208	12,276	12,306	12,315	12,309	12,280	12,403	12,370	12,269	12,347	12,267	12,359	12,419
Percent of population .....	62.8	63.0	63.1	63.1	63.0	62.8	63.3	63.0	62.5	62.8	62.3	62.6	62.8
Employed .....	10,340	10,426	10,462	10,475	10,301	10,412	10,508	10,438	10,551	10,493	10,548	10,468	10,556
Employment-population ratio <sup>2</sup> .....	53.2	53.5	53.6	53.7	52.7	53.2	53.6	53.2	53.7	53.3	53.5	53.1	53.4
Unemployed .....	1,868	1,850	1,844	1,840	2,008	1,869	1,894	1,932	1,718	1,854	1,718	1,892	1,863
Unemployment rate .....	15.3	15.1	15.0	14.9	16.3	15.2	15.3	15.6	14.0	15.0	14.0	15.3	15.0
<b>Men, 20 years and over</b>													
Civilian labor force .....	5,739	5,729	5,762	5,699	5,735	5,683	5,713	5,731	5,725	5,745	5,753	5,799	5,783
Percent of population .....	75.0	74.7	74.9	74.4	74.8	73.9	74.2	74.3	74.1	74.2	74.2	74.7	74.3
Employed .....	4,970	4,998	4,998	4,973	4,907	4,929	4,937	4,954	5,027	5,019	5,073	5,021	4,973
Employment-population ratio <sup>2</sup> .....	64.9	65.1	65.0	64.9	64.0	64.1	64.1	64.2	65.1	64.9	65.5	64.7	63.9
Unemployed .....	769	731	764	726	828	754	776	777	699	726	680	778	810
Unemployment rate .....	13.4	12.8	13.3	12.7	14.4	13.3	13.6	13.6	12.2	12.6	11.8	13.4	14.0
<b>Women, 20 years and over</b>													
Civilian labor force .....	5,601	5,704	5,703	5,709	5,671	5,684	5,767	5,716	5,714	5,687	5,678	5,707	5,718
Percent of population .....	58.0	59.0	58.9	59.0	58.5	58.5	59.3	58.6	58.5	58.1	58.0	58.2	58.2
Employed .....	4,851	4,932	4,977	4,977	4,881	4,953	5,008	4,934	5,010	4,937	4,927	4,921	5,029
Employment-population ratio <sup>2</sup> .....	50.3	51.0	51.4	51.4	50.3	51.0	51.5	50.6	51.3	50.5	50.3	50.1	51.2
Unemployed .....	750	772	726	732	790	731	759	782	704	750	751	787	689
Unemployment rate .....	13.4	13.5	12.7	12.8	13.9	12.9	13.2	13.7	12.3	13.2	13.2	13.8	12.1

See footnotes at end of table.



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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	868	843	841	907	904	913	923	923	830	915	836	853	918
Percent of population .....	40.5	39.4	39.4	41.7	41.6	42.1	42.6	42.7	38.4	42.4	38.8	39.6	42.7
Employed .....	519	496	487	525	514	530	563	550	514	537	548	526	554
Employment-population ratio <sup>2</sup> .....	24.2	23.2	22.8	24.1	23.7	24.4	26.0	25.5	23.8	24.9	25.4	24.4	25.8
Unemployed .....	349	347	354	382	390	383	360	373	316	378	288	327	364
Unemployment rate .....	40.2	41.2	42.1	42.1	43.1	41.9	39.0	40.4	38.1	41.3	34.4	38.3	39.7
Men .....	43.8	42.0	43.8	45.3	41.1	40.9	38.5	38.4	40.7	43.3	34.1	41.0	41.1
Women .....	36.2	40.2	40.1	38.5	45.3	43.1	39.5	42.5	35.2	39.0	34.9	35.0	37.9
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	11,270	11,301	11,332	11,363	11,394	11,425	11,457	11,485	11,514	11,544	11,573	11,601	11,630
Civilian labor force .....	7,384	7,394	7,472	7,255	7,330	7,365	7,336	7,330	7,416	7,470	7,547	7,607	7,616
Percent of population .....	65.5	65.4	65.9	63.8	64.3	64.5	64.0	63.8	64.4	64.7	65.2	65.6	65.5
Employed .....	6,574	6,636	6,698	6,487	6,621	6,615	6,577	6,546	6,629	6,634	6,771	6,817	6,758
Employment-population ratio <sup>2</sup> .....	58.3	58.7	59.1	57.1	58.1	57.9	57.4	57.0	57.6	57.5	58.5	58.8	58.1
Unemployed .....	810	758	774	768	709	750	759	784	787	836	776	790	858
Unemployment rate .....	11.0	10.3	10.4	10.6	9.7	10.2	10.3	10.7	10.6	11.2	10.3	10.4	11.3

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

<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional population.

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

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

(In thousands)

Category	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>CHARACTERISTIC</b>													
Total .....	105,649	105,932	106,273	106,391	106,685	107,119	106,945	106,960	106,370	106,862	107,172	107,544	107,867
Married men, spouse present .....	39,054	39,337	39,443	39,441	39,357	39,531	39,434	39,244	38,897	39,060	39,109	39,052	39,309
Married women, spouse present .....	25,897	25,995	26,122	25,912	26,108	26,195	26,058	25,951	26,130	26,295	26,363	26,537	26,738
Women who maintain families .....	5,378	5,396	5,396	5,584	5,525	5,631	5,622	5,683	5,696	5,624	5,627	5,516	5,472
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,511	1,593	1,733	1,596	1,611	1,610	1,705	1,611	1,538	1,461	1,427	1,408	1,433
Self-employed workers .....	1,487	1,555	1,485	1,531	1,503	1,502	1,491	1,507	1,446	1,487	1,448	1,391	1,443
Unpaid family workers .....	187	204	212	227	242	263	231	196	154	168	174	178	178
Nonagricultural industries:													
Wage and salary workers .....	94,415	94,442	94,725	95,068	95,348	95,756	95,617	95,772	95,229	95,456	95,716	96,589	96,564
Government .....	15,997	15,785	15,858	15,738	16,009	16,004	15,968	15,905	15,988	15,843	16,080	16,196	16,288
Private industries .....	78,418	78,657	78,867	79,330	79,339	79,752	79,649	79,866	79,242	79,613	79,636	80,393	80,275
Private households .....	1,213	1,228	1,257	1,374	1,304	1,210	1,208	1,259	1,204	1,258	1,320	1,282	1,295
Other industries .....	77,205	77,429	77,610	77,956	78,035	78,542	78,441	78,607	78,038	78,355	78,316	79,112	78,981
Self-employed workers .....	7,782	7,731	7,786	7,783	7,673	7,809	7,696	7,665	7,694	7,692	7,904	7,840	8,036
Unpaid family workers .....	314	357	357	343	340	320	304	283	292	264	303	265	243
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	5,710	5,623	5,814	5,628	5,335	5,664	5,664	5,912	5,533	5,624	5,713	5,551	5,431
Slack work .....	2,514	2,449	2,596	2,431	2,212	2,599	2,580	2,658	2,543	2,404	2,509	2,459	2,204
Could only find part-time work .....	2,879	2,855	2,873	2,848	2,835	2,744	2,755	2,888	2,706	2,752	2,865	2,766	2,943
Voluntary part time .....	13,126	13,142	13,239	13,355	13,647	13,624	13,278	12,905	13,398	13,791	13,697	13,456	13,787
Nonagricultural industries:													
Part time for economic reasons .....	5,483	5,413	5,596	5,389	5,077	5,400	5,374	5,617	5,257	5,350	5,443	5,297	5,213
Slack work .....	2,364	2,319	2,473	2,287	2,040	2,405	2,390	2,457	2,341	2,242	2,353	2,323	2,075
Could only find part-time work .....	2,821	2,782	2,793	2,749	2,751	2,649	2,668	2,803	2,646	2,668	2,766	2,648	2,847
Voluntary part time .....	12,679	12,670	12,778	12,861	13,157	13,137	12,834	12,483	12,970	13,343	13,266	13,020	13,357

<sup>1</sup> Excludes persons "with a job but not at work" during the survey

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Sex and age	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total, 16 years and over .....	105,649	105,932	106,273	106,391	106,685	107,119	106,945	106,960	106,370	106,862	107,172	107,544	107,867
16 to 24 years .....	20,647	20,721	20,673	20,716	20,705	20,685	20,678	20,521	20,069	20,283	20,263	20,373	20,335
16 to 19 years .....	6,376	6,411	6,390	6,547	6,630	6,684	6,617	6,551	6,128	6,427	6,393	6,418	6,330
16 to 17 years .....	2,418	2,415	2,432	2,513	2,584	2,596	2,527	2,532	2,377	2,494	2,501	2,506	2,433
18 to 19 years .....	3,972	3,968	3,970	4,038	4,041	4,097	4,080	4,027	3,768	3,888	3,788	3,943	3,917
20 to 24 years .....	14,271	14,310	14,283	14,169	14,074	14,001	14,061	13,969	13,940	13,856	13,871	13,955	14,005
25 years and over .....	84,995	85,203	85,562	85,664	85,910	86,487	86,301	86,413	86,424	86,594	86,900	87,140	87,509
25 to 54 years .....	70,859	71,006	71,294	71,508	71,634	71,978	72,023	72,038	72,166	72,427	72,577	72,956	73,179
55 years and over .....	14,142	14,191	14,252	14,221	14,239	14,492	14,334	14,274	14,312	14,172	14,299	14,212	14,372
Men, 16 years and over .....	59,461	59,603	59,702	59,664	59,672	59,874	59,852	59,997	59,407	59,702	59,933	60,105	60,138
16 to 24 years .....	10,882	10,955	10,898	10,870	10,749	10,785	10,889	10,789	10,482	10,580	10,615	10,662	10,560
16 to 19 years .....	3,279	3,334	3,330	3,430	3,385	3,454	3,481	3,434	3,198	3,327	3,305	3,303	3,237
16 to 17 years .....	1,249	1,258	1,286	1,317	1,329	1,327	1,369	1,342	1,222	1,288	1,276	1,329	1,261
18 to 19 years .....	2,039	2,058	2,052	2,104	2,045	2,112	2,107	2,105	1,987	2,019	1,969	2,007	1,990
20 to 24 years .....	7,603	7,621	7,568	7,440	7,364	7,332	7,408	7,355	7,285	7,253	7,310	7,358	7,322
25 years and over .....	48,564	48,644	48,770	48,790	48,862	49,118	49,027	49,198	49,005	49,120	49,342	49,418	49,563
25 to 54 years .....	40,226	40,300	40,384	40,357	40,455	40,534	40,565	40,776	40,572	40,763	40,824	40,986	41,110
55 years and over .....	8,362	8,341	8,365	8,419	8,401	8,579	8,478	8,409	8,472	8,340	8,474	8,459	8,504
Women, 16 years and over .....	46,188	46,329	46,571	46,727	47,013	47,244	47,093	46,964	46,963	47,160	47,239	47,439	47,729
16 to 24 years .....	9,765	9,766	9,775	9,846	9,956	9,899	9,789	9,732	9,586	9,703	9,648	9,712	9,776
16 to 19 years .....	3,097	3,077	3,060	3,117	3,246	3,230	3,135	3,118	2,931	3,101	3,088	3,115	3,093
16 to 17 years .....	1,169	1,157	1,146	1,196	1,255	1,269	1,158	1,190	1,155	1,206	1,225	1,177	1,172
18 to 19 years .....	1,933	1,910	1,918	1,934	1,996	1,985	1,973	1,922	1,781	1,869	1,819	1,936	1,927
20 to 24 years .....	6,668	6,689	6,715	6,729	6,710	6,669	6,653	6,614	6,656	6,602	6,560	6,597	6,683
25 years and over .....	36,431	36,559	36,792	36,874	37,048	37,370	37,274	37,215	37,418	37,474	37,558	37,722	37,946
25 to 54 years .....	30,633	30,706	30,910	31,150	31,179	31,443	31,458	31,262	31,594	31,664	31,753	31,970	32,069
55 years and over .....	5,780	5,850	5,887	5,802	5,839	5,913	5,856	5,865	5,840	5,832	5,825	5,754	5,868

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

(In thousands)

Sex and age	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total, 16 years and over .....	8,367	8,142	8,191	8,484	8,399	8,396	8,426	8,413	8,413	8,451	8,127	8,274	8,291
16 to 24 years .....	3,225	3,147	3,230	3,251	3,281	3,236	3,161	3,394	3,138	3,301	2,998	3,114	3,301
16 to 19 years .....	1,463	1,390	1,480	1,525	1,499	1,485	1,422	1,531	1,374	1,559	1,335	1,394	1,590
16 to 17 years .....	613	604	646	675	648	685	660	678	639	705	573	619	740
18 to 19 years .....	858	802	854	848	851	811	767	845	729	831	743	781	856
20 to 24 years .....	1,762	1,757	1,750	1,726	1,782	1,751	1,739	1,863	1,764	1,742	1,663	1,720	1,711
25 years and over .....	5,109	4,998	4,965	5,233	5,116	5,149	5,263	5,044	5,321	5,158	5,098	5,188	4,981
25 to 54 years .....	4,422	4,350	4,354	4,606	4,519	4,543	4,642	4,402	4,640	4,522	4,492	4,566	4,398
55 years and over .....	701	649	615	631	580	599	599	639	635	668	618	618	590
Men, 16 years and over .....	4,540	4,502	4,562	4,609	4,592	4,495	4,582	4,479	4,649	4,644	4,395	4,421	4,570
16 to 24 years .....	1,742	1,735	1,789	1,745	1,806	1,734	1,716	1,878	1,746	1,835	1,669	1,675	1,814
16 to 19 years .....	809	777	803	811	818	764	775	828	758	877	795	784	907
16 to 17 years .....	338	320	318	354	346	378	374	382	386	381	360	333	407
18 to 19 years .....	476	462	490	461	466	392	406	444	381	479	416	458	506
20 to 24 years .....	933	958	986	934	988	970	941	1,050	988	958	874	891	907
25 years and over .....	2,794	2,777	2,785	2,853	2,775	2,750	2,865	2,608	2,902	2,801	2,728	2,772	2,751
25 to 54 years .....	2,381	2,372	2,393	2,484	2,418	2,401	2,516	2,245	2,505	2,412	2,396	2,416	2,386
55 years and over .....	411	409	388	377	352	339	344	356	397	403	330	358	368
Women, 16 years and over .....	3,827	3,640	3,629	3,875	3,807	3,900	3,844	3,934	3,764	3,807	3,732	3,854	3,721
16 to 24 years .....	1,483	1,412	1,441	1,506	1,475	1,502	1,445	1,516	1,392	1,467	1,330	1,439	1,488
16 to 19 years .....	654	613	677	714	681	721	647	703	616	682	540	610	683
16 to 17 years .....	275	284	328	321	302	307	286	296	253	324	213	286	333
18 to 19 years .....	382	340	364	387	385	419	361	401	348	352	327	323	350
20 to 24 years .....	829	799	764	792	794	781	798	813	776	785	790	829	805
25 years and over .....	2,315	2,221	2,180	2,380	2,341	2,399	2,398	2,436	2,419	2,357	2,370	2,416	2,230
25 to 54 years .....	2,041	1,978	1,961	2,122	2,100	2,142	2,126	2,157	2,136	2,110	2,096	2,150	2,012
55 years and over .....	290	240	227	254	229	260	255	283	237	265	288	260	222

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

(Civilian workers)

Sex and age	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total, 16 years and over .....	7.3	7.1	7.2	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.0	7.1	7.1
18 to 24 years .....	13.5	13.2	13.5	13.6	13.7	13.5	13.3	14.2	13.5	14.0	12.9	13.3	14.0
16 to 19 years .....	18.7	17.8	18.8	18.9	18.4	18.2	17.7	18.9	18.3	19.5	17.3	17.8	20.1
16 to 17 years .....	20.2	20.0	21.0	21.2	20.0	20.9	20.7	21.1	21.2	22.0	18.6	19.8	23.3
18 to 19 years .....	17.8	16.8	17.7	17.4	17.4	16.5	15.8	17.3	16.2	17.6	16.4	16.5	17.9
20 to 24 years .....	11.0	10.9	10.9	10.9	11.2	11.1	11.0	11.8	11.2	11.2	10.7	11.0	10.9
25 years and over .....	5.7	5.5	5.5	5.8	5.6	5.6	5.7	5.5	5.8	5.6	5.5	5.6	5.4
25 to 54 years .....	5.9	5.8	5.8	6.1	5.9	5.9	6.1	5.8	6.0	5.9	5.8	5.9	5.7
55 years and over .....	4.7	4.4	4.1	4.2	3.9	4.0	4.0	4.3	4.2	4.5	4.1	4.2	3.9
Men, 16 years and over .....	7.1	7.0	7.1	7.2	7.1	7.0	7.1	6.9	7.3	7.2	6.8	6.9	7.1
16 to 24 years .....	13.8	13.7	14.1	13.8	14.4	13.9	13.6	14.8	14.3	14.8	13.6	13.6	14.7
16 to 19 years .....	19.8	18.9	19.4	19.1	19.5	18.1	18.2	19.4	19.2	20.9	19.4	19.2	21.9
16 to 17 years .....	21.3	20.3	19.8	21.2	20.7	22.2	21.5	22.2	24.0	22.8	22.0	20.0	24.4
18 to 19 years .....	18.9	18.3	19.3	18.0	18.6	15.7	16.2	17.4	16.1	19.2	17.4	18.6	20.3
20 to 24 years .....	10.9	11.2	11.5	11.2	11.8	11.7	11.3	12.5	11.9	11.7	10.7	10.8	11.0
25 years and over .....	5.4	5.4	5.4	5.5	5.4	5.3	5.5	5.0	5.8	5.4	5.2	5.3	5.3
25 to 54 years .....	5.6	5.6	5.6	5.8	5.6	5.6	5.8	5.2	5.8	5.6	5.5	5.6	5.5
55 years and over .....	4.7	4.7	4.4	4.3	4.0	3.8	3.9	4.1	4.5	4.6	3.8	4.1	4.1
Women, 16 years and over .....	7.7	7.3	7.2	7.7	7.5	7.6	7.5	7.7	7.4	7.5	7.3	7.5	7.2
16 to 24 years .....	13.2	12.6	12.8	13.3	12.9	13.2	12.9	13.5	12.7	13.1	12.1	12.9	13.2
16 to 19 years .....	17.4	16.6	18.1	18.6	17.3	18.2	17.1	18.4	17.4	18.0	14.9	16.4	18.1
16 to 17 years .....	19.0	19.7	22.3	21.2	19.4	19.5	19.8	19.9	18.0	21.2	14.8	19.5	22.1
18 to 19 years .....	18.5	15.1	18.0	16.7	16.2	17.4	15.5	17.3	16.3	15.8	15.2	14.3	15.4
20 to 24 years .....	11.1	10.7	10.2	10.5	10.6	10.5	10.7	10.9	10.4	10.6	10.7	11.2	10.8
25 years and over .....	8.0	5.7	5.6	8.1	5.9	6.0	6.0	6.1	6.1	5.9	5.9	6.0	5.6
25 to 54 years .....	6.2	6.1	6.0	6.4	6.3	6.4	6.3	6.5	6.3	6.2	6.2	6.3	5.9
55 years and over .....	4.8	3.9	3.7	4.2	3.8	4.2	4.2	4.6	3.9	4.4	4.7	4.3	3.6

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

(Unemployment rates)

Category	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>CHARACTERISTIC</b>													
Total (all civilian workers) .....	7.3	7.1	7.2	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.0	7.1	7.1
Men, 20 years and over .....	6.2	6.2	6.3	6.3	6.3	6.2	6.3	6.1	6.5	6.3	6.0	6.0	6.0
Women, 20 years and over .....	6.9	6.5	6.4	6.8	6.7	6.7	6.8	6.9	6.7	6.6	6.7	6.8	6.4
Both sexes, 16 to 19 years .....	18.7	17.8	18.8	18.9	18.4	18.2	17.7	18.9	18.3	19.5	17.3	17.8	20.1
White .....	6.3	6.1	6.2	6.4	6.2	6.2	6.3	6.2	6.5	6.4	6.2	6.1	6.1
Black and other .....	13.8	13.7	13.6	13.7	14.6	13.9	13.9	14.1	12.8	13.5	12.7	13.9	13.6
Black .....	15.3	15.1	15.0	14.9	16.3	15.2	15.3	15.6	14.0	15.0	14.0	15.3	15.0
Hispanic origin .....	11.0	10.3	10.4	10.6	9.7	10.2	10.3	10.7	10.6	11.2	10.3	10.4	11.3
Married men, spouse present .....	4.5	4.4	4.4	4.6	4.4	4.2	4.3	4.0	4.6	4.4	4.1	4.3	4.1
Married women, spouse present .....	5.7	5.4	5.4	5.7	5.4	5.9	5.9	5.8	5.9	5.7	5.4	5.7	5.3
Women who maintain families .....	10.4	10.6	9.6	10.0	11.0	10.2	10.8	10.9	9.8	10.2	11.1	11.6	10.5
Full-time workers .....	7.1	6.9	6.9	7.1	7.1	6.9	6.9	6.8	6.8	7.0	6.7	6.8	6.7
Part-time workers .....	9.1	8.6	8.8	9.3	8.7	9.6	9.7	10.3	9.9	9.5	9.0	9.2	9.7
Unemployed 15 weeks and over <sup>1</sup> .....	2.2	2.1	2.1	2.0	2.1	2.1	2.1	1.9	2.0	2.0	2.0	2.0	2.0
Labor force time lost <sup>2</sup> .....	8.4	8.2	8.3	8.2	8.2	8.2	8.2	8.3	8.2	8.3	8.1	8.1	7.9
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	7.2	7.2	7.2	7.3	7.3	7.2	7.3	7.2	7.4	7.3	7.1	7.3	7.1
Mining .....	10.5	11.7	10.7	10.1	10.9	11.0	10.9	7.3	11.1	9.8	8.3	9.3	7.4
Construction .....	13.7	14.2	13.7	13.4	13.4	13.3	13.3	10.2	13.7	13.4	13.1	13.9	13.8
Manufacturing .....	7.3	7.2	7.2	7.6	7.5	7.7	8.0	7.8	7.7	8.0	7.8	7.8	7.5
Durable goods .....	6.9	7.0	7.1	7.2	7.1	7.4	7.8	7.8	8.0	8.0	7.9	7.8	7.2
Nondurable goods .....	7.8	7.4	7.2	8.1	8.2	8.1	8.3	7.7	7.4	8.0	7.7	7.9	8.0
Transportation and public utilities .....	5.3	5.2	5.0	4.9	5.5	4.6	5.4	5.2	5.3	5.8	4.3	5.4	5.1
Wholesale and retail trade .....	7.9	7.6	7.5	7.7	7.7	7.5	7.3	7.9	7.7	7.5	7.7	7.9	7.9
Finance and service industries .....	5.7	5.8	5.9	5.9	5.7	5.7	5.7	6.2	5.8	5.6	5.5	5.5	5.3
Agricultural wage and salary workers .....	13.7	11.2	12.2	15.5	13.6	12.2	13.1	11.5	12.1	14.3	14.3	14.0	13.2

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

<sup>2</sup> Aggregate hours lost by the unemployed and persons on part time

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Weeks of unemployment	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>DURATION</b>													
Less than 5 weeks .....	3,395	3,352	3,282	3,662	3,524	3,590	3,558	3,659	3,458	3,578	3,372	3,502	3,420
5 to 14 weeks .....	2,406	2,324	2,516	2,552	2,469	2,478	2,525	2,635	2,547	2,508	2,497	2,503	2,551
15 weeks and over .....	2,527	2,428	2,374	2,243	2,416	2,400	2,377	2,247	2,317	2,348	2,264	2,328	2,284
15 to 26 weeks .....	1,092	990	972	941	1,076	1,065	1,022	1,040	1,011	1,094	1,050	1,034	1,075
27 weeks and over .....	1,435	1,438	1,402	1,302	1,340	1,335	1,354	1,207	1,306	1,254	1,214	1,294	1,209
Average (mean) duration, in weeks .....	16.7	17.4	17.3	15.3	15.9	15.9	16.1	14.9	15.4	15.4	15.6	15.5	15.3
Median duration, in weeks .....	7.3	7.3	7.4	6.7	7.2	7.1	6.7	6.2	6.6	7.2	7.5	6.9	7.1
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	40.8	41.4	40.2	43.3	41.9	42.4	42.1	42.8	41.5	42.4	41.5	42.0	41.4
5 to 14 weeks .....	28.9	28.7	30.8	30.2	29.4	29.3	29.8	30.8	30.6	29.7	30.7	30.0	30.9
15 weeks and over .....	30.3	30.0	29.1	26.5	28.7	28.3	28.1	26.3	27.8	27.8	27.8	27.9	27.7
15 to 26 weeks .....	13.1	12.2	11.9	11.1	12.8	12.6	12.1	12.2	12.2	13.0	12.9	12.4	13.0
27 weeks and over .....	17.2	17.7	17.2	15.4	15.9	15.8	16.0	14.1	15.7	14.9	14.9	15.5	14.6

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

(Numbers in thousands)

Reasons for unemployment	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	4,261	4,141	4,176	4,313	4,251	4,158	4,228	3,935	4,128	4,333	4,160	4,142	4,021
On layoff .....	1,151	1,068	1,070	1,229	1,240	1,163	1,208	1,059	1,124	1,130	1,099	1,175	1,165
Other job losers .....	3,110	3,073	3,106	3,084	3,011	2,995	3,019	2,876	3,004	3,203	3,061	2,968	2,856
Job leavers .....	829	869	858	884	865	848	838	868	1,001	902	865	839	921
Reentrants .....	2,150	2,161	2,218	2,244	2,233	2,341	2,312	2,428	2,219	2,143	2,162	2,369	2,232
New entrants .....	1,060	1,024	1,011	1,049	1,035	1,090	1,072	1,159	1,017	1,097	920	909	1,047
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	51.3	50.5	50.5	50.8	50.7	49.3	50.0	46.9	49.3	51.1	51.3	50.2	48.9
On layoff .....	13.9	13.0	12.9	14.5	14.8	13.8	14.3	12.6	13.4	13.3	13.6	14.2	14.2
Other job losers .....	37.5	37.5	37.6	36.3	35.9	35.5	35.7	34.3	35.9	37.8	37.8	35.9	34.7
Job leavers .....	10.0	10.6	10.4	10.4	10.3	10.0	9.9	10.3	12.0	10.6	10.7	10.2	11.2
Reentrants .....	25.9	26.4	26.8	26.4	26.6	27.7	27.4	28.9	26.5	25.3	26.7	28.7	27.1
New entrants .....	12.8	12.5	12.2	12.4	12.3	12.9	12.7	13.8	12.2	12.9	11.3	11.0	12.7
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	3.7	3.6	3.6	3.8	3.7	3.6	3.7	3.4	3.6	3.8	3.6	3.6	3.5
Job leavers .....	.7	.8	.7	.8	.8	.7	.7	.8	.9	.8	.8	.7	.8
Reentrants .....	1.9	1.9	1.9	2.0	1.9	2.0	2.0	2.1	1.9	1.9	1.9	2.0	1.9
New entrants .....	.9	.9	.9	.9	.9	.9	.9	1.0	.9	1.0	.8	.8	.9



**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 <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Total</b> .....		95,745	96,278	97,915	98,675	99,279					
<b>Total private</b> .....		79,967	80,045	82,481	82,602	82,721	64,874	64,952	66,868	66,984	67,108
<b>Mining</b> .....		996	983	980	971	962	710	700	698	693	685
Metal mining .....	10	54.1	53.5	47.8	46.7		38.8	38.4	35.1	34.2	
Iron ores .....	101	10.8	10.6	9.9	8.8		7.7	7.6	7.5	6.6	
Copper ores .....	102	14.8	14.6	13.1	12.7		10.3	10.1	9.5	9.2	
Coal mining .....	11,12	204.3	191.9	193.3	193.5		166.2	155.0	158.3	158.5	
Bituminous coal and lignite mining .....	12	201.5	189.1	191.3	191.5		163.8	152.6	156.7	157.0	
Oil and gas extraction .....	13	622.4	623.2	621.3	614.3	610.8	416.0	418.2	414.3	410.7	
Crude petroleum, natural gas, and natural gas liquids .....	131,2	262.4	262.4	267.1	262.8	-	120.4	121.5	124.4	122.0	
Oil and gas field services .....	136	360.0	360.8	354.2	351.5		295.6	296.7	289.9	288.7	
Nonmetallic minerals, except fuels .....	14	115.3	114.8	117.3	116.7		89.2	88.8	90.1	89.3	
Crushed and broken stone .....	142	37.9	37.8	39.2	39.2		30.6	30.6	32.0	32.0	
Sand and gravel .....	144	36.8	36.7	38.5	38.0		-	-	-	-	
Chemical and fertilizer minerals .....	147	21.1	20.9	20.0	20.1		-	-	-	-	
<b>Construction</b> .....		4,659	4,648	5,025	5,021	5,017	3,671	3,666	3,993	3,990	3,982
General building contractors .....	15	1,234.2	1,228.1	1,331.2	1,320.1	1,329.5	927.5	923.0	1,008.9	998.7	-
Residential building construction .....	152	617.6	610.5	659.1	649.0	-	449.2	443.7	488.8	478.3	-
Operative builders .....	153	60.2	59.6	66.2	64.6	-	32.1	31.7	35.8	35.0	-
Nonresidential building construction .....	154	556.4	558.0	605.9	606.5		446.2	447.6	484.3	485.4	-
Heavy construction contractors .....	16	831.9	823.6	861.8	864.1	-	689.7	683.5	721.0	724.6	-
Highway and street construction .....	161	293.0	286.9	315.4	315.4	-	251.1	244.9	270.8	270.9	-
Heavy construction, except highway .....	162	538.9	536.7	546.4	548.7	-	438.6	438.6	450.2	453.7	-
Special trade contractors .....	17	2,592.9	2,596.6	2,832.3	2,836.4		2,053.5	2,059.7	2,262.7	2,266.2	-
Plumbing, heating, and air conditioning .....	171	585.9	585.8	627.3	629.7		434.7	435.7	467.1	469.8	-
Painting, paper hanging, and decorating .....	172	171.6	173.1	186.7	185.6		145.3	146.4	156.3	155.6	-
Electrical work .....	173	463.5	466.3	499.9	502.1		356.9	359.5	386.7	390.3	-
Masonry, stonework, and plastering .....	174	412.2	408.4	464.8	468.8		353.3	351.2	401.4	402.8	-
Carpentering and flooring .....	175	148.8	149.7	168.7	171.0		113.5	112.9	129.6	130.6	-
Roofing and sheet metal work .....	176	199.9	201.1	208.3	209.9		163.5	165.5	171.4	172.6	-
<b>Manufacturing</b> .....		19,724	19,673	19,486	19,513	19,467	13,566	13,506	13,244	13,296	13,267
<b>Durable goods</b> .....		11,719	11,706	11,524	11,550	11,534	7,898	7,880	7,629	7,667	7,661
Lumber and wood products .....	24	728.6	720.7	728.5	726.1	724.6	612.2	604.3	614.7	612.5	611.4
Logging camps and logging contractors .....	241	98.7	96.6	88.6	88.7	-	77.6	75.7	72.6	73.0	-
Sawmills and planing mills .....	242	206.3	203.9	203.7	202.0		183.0	181.0	180.3	179.1	
Sawmills and planing mills, general .....	2421	169.4	167.4	167.3	165.9		150.9	149.3	148.5	147.6	
Hardwood dimension and flooring .....	2426	32.1	31.8	31.3	31.0		28.0	27.7	27.5	27.2	
Millwork, plywood, and structural members .....	243	225.1	222.9	235.2	233.8		189.1	186.6	197.1	195.5	
Millwork .....	2431	84.4	83.3	91.0	89.5		69.1	67.9	74.2	72.8	
Wood kitchen cabinets .....	2434	58.2	58.5	61.8	62.1		48.2	48.2	50.7	50.8	
Hardwood veneer and plywood .....	2435	24.6	24.1	23.7	23.5		21.8	21.3	20.9	20.6	
Softwood veneer and plywood .....	2436	37.7	37.1	37.0	37.2		34.2	33.7	34.1	34.4	
Wood containers .....	244	42.5	42.1	43.5	43.4		36.3	35.8	36.9	36.8	
Wood buildings and mobile homes .....	245	76.9	75.3	78.4	77.8		59.9	58.3	61.7	60.8	
Mobile homes .....	2451	55.2	53.8	55.9	55.6		44.8	43.7	45.8	45.3	
Miscellaneous wood products .....	249	79.1	79.9	79.1	80.4		66.3	66.9	66.1	67.3	

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 <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Oct. 1985 <sup>P</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Oct. 1985 <sup>P</sup>
<b>Durable goods—Continued</b>											
Furniture and fixtures .....	25	489.5	494.7	496.5	498.1	502.0	391.9	396.7	395.3	397.5	400.4
Household furniture .....	251	291.2	295.3	289.4	291.4	-	243.3	247.1	241.4	243.8	-
Wood household furniture .....	2511	131.3	132.1	128.7	129.8	-	114.2	115.0	112.1	113.2	-
Upholstered household furniture .....	2512	92.3	93.2	93.8	93.9	-	75.7	76.7	76.6	76.9	-
Metal household furniture .....	2514	24.4	26.4	24.4	25.0	-	19.1	20.9	19.3	19.9	-
Mattresses and bedsprings .....	2515	29.7	29.7	28.8	28.5	-	23.0	22.9	21.9	21.8	-
Office furniture .....	252	66.2	67.1	70.3	69.4	-	51.0	51.6	54.1	53.4	-
Public building and related furniture .....	253	26.5	26.7	28.1	28.2	-	20.3	20.5	21.5	21.5	-
Partitions and fixtures .....	254	69.0	69.2	68.6	68.9	-	51.0	51.7	50.5	50.9	-
Miscellaneous furniture and fixtures .....	259	36.6	36.4	40.1	40.2	-	26.3	25.8	27.8	27.9	-
Stone, clay, and glass products .....	32	612.3	609.6	616.8	614.9	612.9	473.2	470.3	475.6	474.5	472.9
Flat glass .....	321	16.0	15.8	15.1	15.4	-	12.7	12.5	11.8	11.9	-
Glass and glassware, pressed or blown .....	322	99.5	98.8	93.4	93.9	-	84.5	83.4	79.6	80.1	-
Glass containers .....	3221	52.4	51.7	50.0	50.0	-	46.4	45.6	44.5	44.5	-
Pressed and blown glass, nec .....	3229	47.1	47.1	43.4	43.9	-	38.1	37.8	35.1	35.6	-
Products of purchased glass .....	323	49.6	49.9	52.8	53.0	-	34.9	35.2	37.1	37.5	-
Cement, hydraulic .....	324	24.7	24.2	24.3	23.7	-	19.3	18.8	19.0	18.6	-
Structural clay products .....	325	38.7	38.2	39.5	39.0	-	30.1	29.7	30.7	30.3	-
Pottery and related products .....	326	40.5	40.6	38.1	38.4	-	32.3	32.4	29.9	30.4	-
Concrete, gypsum, and plaster products .....	327	211.2	210.2	225.0	223.5	-	165.0	164.0	176.8	175.4	-
Concrete block and brick .....	3271	18.7	18.6	19.4	19.2	-	12.7	12.6	13.2	13.1	-
Concrete products, nec .....	3272	70.8	70.2	75.8	75.4	-	54.1	53.4	58.5	58.1	-
Ready-mixed concrete .....	3273	102.3	101.9	109.3	108.5	-	83.1	82.8	89.0	88.3	-
Misc. nonmetallic mineral products .....	329	120.4	120.2	117.1	116.5	-	85.0	84.8	81.6	81.3	-
Abrasive products .....	3291	22.9	22.8	21.6	21.5	-	15.2	15.3	14.0	13.9	-
Asbestos products .....	3292	12.5	12.3	11.3	11.1	-	9.7	9.4	8.5	8.5	-
Mineral wool .....	3296	28.2	28.4	27.8	27.7	-	-	-	-	-	-
Primary metal industries .....	33	855.5	844.1	799.1	797.4	794.1	649.8	640.6	602.8	603.2	600.2
Blast furnaces and basic steel products .....	331	322.1	313.6	291.9	289.2	286.7	246.7	239.2	222.9	221.1	219.0
Blast furnaces and steel mills .....	3312	252.9	244.9	227.9	225.1	-	194.9	187.7	176.4	174.8	-
Steel pipe and tubes .....	3317	24.5	24.6	23.3	23.7	-	18.0	18.2	17.1	17.2	-
Iron and steel foundries .....	332	153.6	152.0	143.6	142.9	-	121.9	120.6	113.0	112.9	-
Gray iron foundries .....	3321	97.4	96.7	90.4	90.0	-	79.4	79.1	73.4	73.3	-
Malleable iron foundries .....	3322	10.9	10.8	10.2	10.2	-	8.0	7.9	7.3	7.4	-
Steel foundries, nec .....	3325	32.4	31.3	28.9	28.9	-	24.8	23.8	21.7	21.7	-
Primary nonferrous metals .....	333	51.4	51.0	45.0	44.6	-	37.5	37.1	32.2	31.9	-
Primary aluminum .....	3334	27.3	26.9	24.2	24.2	-	21.1	20.9	18.0	18.2	-
Nonferrous rolling and drawing .....	335	195.0	194.2	189.6	191.3	-	138.8	138.9	133.7	135.8	-
Copper rolling and drawing .....	3351	27.8	27.7	25.2	25.4	-	20.7	20.7	19.1	19.4	-
Aluminum sheet, plate, and foil .....	3353	31.7	30.8	31.6	31.8	-	23.6	23.3	22.5	22.8	-
Nonferrous wire drawing and insulating .....	3357	83.0	82.9	78.5	79.6	-	59.6	59.9	56.0	57.0	-
Nonferrous foundries .....	336	88.4	88.4	85.6	85.9	-	71.1	71.2	68.9	69.3	-
Aluminum foundries .....	3361	54.5	54.5	52.4	53.0	-	44.6	44.6	42.8	43.5	-
Fabricated metal products .....	34	1,492.2	1,493.2	1,469.6	1,476.6	1,477.4	1,104.2	1,104.8	1,084.6	1,092.9	1,094.9
Metal cans and shipping containers .....	341	57.5	56.6	55.7	55.8	-	48.6	47.8	47.7	47.7	-
Metal cans .....	3411	45.8	44.9	44.8	44.7	-	39.5	38.6	39.1	39.0	-
Cutlery, hand tools, and hardware .....	342	150.2	150.8	143.9	144.8	-	111.6	111.9	106.0	106.9	-
Hand and edge tools, and hand saws and blades .....	3423,5	49.4	49.6	47.2	47.4	-	36.3	36.6	34.5	34.8	-
Hardware, nec .....	3429	87.3	87.6	83.7	84.2	-	66.4	66.3	62.8	63.3	-
Plumbing and heating, except electric .....	343	64.1	64.0	64.4	65.2	-	46.0	46.0	45.8	46.7	-
Plumbing fittings and brass goods .....	3432	24.7	24.6	23.9	24.3	-	18.6	18.5	17.5	17.9	-
Heating equipment, except electric .....	3433	29.9	29.9	30.8	31.1	-	20.1	20.2	20.9	21.3	-
Fabricated structural metal products .....	344	450.3	450.3	452.8	454.5	-	312.4	313.2	318.2	320.0	-
Fabricated structural metal .....	3441	83.2	83.4	81.0	81.0	-	59.0	59.5	58.1	58.1	-
Metal doors, sash, and trim .....	3442	87.7	86.9	91.7	91.6	-	64.9	64.4	68.4	68.4	-
Fabricated plate work (boiler shops) .....	3443	101.3	101.2	100.0	100.8	-	60.5	60.5	62.6	63.3	-
Sheet metal work .....	3444	115.5	116.3	115.6	115.8	-	85.6	86.3	85.4	85.8	-
Architectural metal work .....	3446	28.6	28.6	28.4	28.8	-	20.4	20.4	20.3	20.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Durable goods—Continued</b>											
Fabricated metal products—Continued											
Screw machine products, bolts, etc .....	345	98.1	98.8	97.2	97.3		75.4	75.9	74.2	74.3	
Screw machine products .....	3451	46.8	47.4	45.9	45.9		38.1	38.7	37.2	37.2	
Bolts, nuts, rivets, and washers .....	3452	51.3	51.4	51.3	51.4		37.3	37.2	37.0	37.1	
Metal forgings and stampings .....	346	253.9	254.1	241.8	246.2		203.7	204.0	192.6	197.2	
Iron and steel forgings .....	3462	35.3	35.3	31.3	31.3		27.2	27.3	23.7	23.7	
Automotive stampings .....	3465	100.1	100.1	98.7	102.2		85.6	85.4	84.1	87.8	
Metal stampings, nec .....	3469	107.9	108.2	101.5	102.4		83.0	83.5	77.4	78.2	
Metal services, nec .....	347	108.4	109.0	107.9	107.8		87.1	87.5	86.3	86.5	
Plating and polishing .....	3471	74.5	75.1	73.5	73.3		60.7	61.2	59.7	59.6	
Metal coating and allied services .....	3479	33.9	33.9	34.4	34.5		26.4	26.3	26.6	26.9	
Ordnance and accessories, nec .....	348	77.2	77.5	80.9	81.0		50.3	50.2	51.8	51.8	
Ammunition, except for small arms, nec .....	3483	41.3	41.6	45.3	45.7		27.0	27.0	28.8	29.3	
Misc. fabricated metal products .....	349	232.5	232.1	225.0	224.0		169.1	168.3	162.0	161.8	
Valves and pipe fittings .....	3494	88.3	87.8	86.5	86.4		59.6	59.2	58.3	58.4	
Misc. fabricated wire products .....	3496	52.9	52.7	51.3	51.3		40.2	39.9	38.9	38.9	
Machinery, except electrical .....	35	2,231.0	2,232.2	2,151.9	2,147.3	2,140.7	1,353.7	1,354.5	1,282.7	1,285.6	1,280.6
Engines and turbines .....	351	114.9	115.2	104.0	104.6	-	71.0	71.6	63.6	64.1	-
Turbines and turbine generator sets .....	3511	35.8	36.0	34.8	34.8		18.0	18.4	17.9	17.8	
Internal combustion engines, nec .....	3519	79.1	79.2	69.2	69.8		53.0	53.2	45.7	46.3	
Farm and garden machinery .....	352	108.3	107.9	101.7	102.1		72.0	71.4	68.1	69.2	
Farm machinery and equipment .....	3523	87.3	86.2	78.5	78.3		56.8	55.7	50.7	51.3	
Construction and related machinery .....	353	262.3	262.8	251.6	250.1		162.6	163.3	154.7	153.7	
Construction machinery .....	3531	92.9	92.5	86.7	86.4		57.6	57.6	52.9	53.0	
Mining machinery .....	3532	22.5	22.4	21.6	21.8		13.6	13.6	13.5	13.6	
Oil field machinery .....	3533	66.2	66.6	63.3	62.6		42.8	43.0	39.8	39.2	
Conveyors and conveying equipment .....	3535	29.1	29.2	29.3	29.1		15.4	15.4	15.8	15.7	
Industrial trucks and tractors .....	3537	27.2	27.3	25.2	24.8		18.3	18.5	16.7	16.3	
Metalworking machinery .....	354	311.4	312.8	311.0	311.7		222.8	223.6	221.3	222.2	
Machine tools, metal cutting types .....	3541	57.0	57.4	56.8	56.9		35.3	35.7	35.5	35.8	
Machine tools, metal forming types .....	3542	19.3	19.5	19.3	19.2		12.0	12.1	11.7	11.6	
Special dies, tools, jigs, and fixtures .....	3544	135.6	136.3	137.4	138.2		106.5	106.8	106.6	107.4	
Machine tool accessories .....	3545	55.8	56.1	56.4	56.6		39.4	39.5	39.5	39.4	
Power driven hand tools .....	3546	25.8	25.9	23.4	23.2		18.1	18.3	16.9	17.0	
Special industry machinery .....	355	170.5	170.4	166.2	166.0		102.5	102.3	98.8	99.2	
Food products machinery .....	3551	39.0	38.9	38.2	38.3		24.0	23.9	23.1	23.3	
Textile machinery .....	3552	19.7	19.4	18.2	17.9		13.4	13.2	12.1	12.0	
Printing trades machinery .....	3555	31.0	31.1	30.9	30.9		18.3	18.3	17.8	17.9	
General industrial machinery .....	356	278.4	278.4	271.5	271.4		178.5	178.3	173.0	173.1	
Pumps and pumping equipment .....	3561	53.5	53.1	52.3	51.8		31.5	31.0	30.9	30.3	
Ball and roller bearings .....	3562	49.4	49.4	47.2	47.2		36.9	37.1	35.3	35.5	
Air and gas compressors .....	3563	26.7	26.2	25.8	25.8		14.7	14.4	15.0	14.9	
Blowers and fans .....	3564	32.7	32.7	31.7	31.5		20.5	20.6	19.6	19.5	
Speed changers, drives, and gears .....	3566	21.4	21.5	20.4	20.8		14.6	14.6	14.2	14.4	
Power transmission equipment, nec .....	3568	18.0	18.1	17.6	17.6		12.6	12.7	12.1	12.1	
Office and computing machines .....	357	533.5	532.2	499.8	491.6		210.0	208.5	176.9	173.0	
Electronic computing equipment .....	3573	468.0	466.5	439.8	431.2		175.6	174.4	147.4	143.4	
Refrigeration and service machinery .....	358	175.9	174.8	166.9	171.1		124.0	122.9	114.4	119.2	
Refrigeration and heating equipment .....	3585	123.8	122.7	114.7	118.9		89.1	88.1	80.0	84.7	
Misc. machinery, except electrical .....	359	275.8	277.7	279.2	278.7		210.3	212.6	211.9	211.9	
Carburetors, pistons, rings, and valves .....	3592	35.7	35.4	33.4	33.7		29.2	29.1	26.7	27.1	
Machinery, except electrical, nec .....	3599	240.1	242.3	245.8	245.0		181.1	183.5	185.2	184.8	
Electrical and electronic equipment .....	36	2,255.1	2,253.3	2,195.9	2,187.8	2,185.5	1,384.2	1,381.1	1,285.2	1,282.9	1,285.7
Electric distributing equipment .....	361	119.1	118.4	115.5	114.8	-	86.5	85.9	82.5	82.2	-
Transformers .....	3612	55.4	55.2	54.1	53.6		40.1	40.0	38.9	38.8	
Switchgear and switchboard apparatus .....	3613	63.7	63.2	61.4	61.2		46.4	45.9	43.6	43.4	
Electrical industrial apparatus .....	362	206.1	204.8	194.0	193.6		145.8	144.4	136.0	136.2	
Motors and generators .....	3621	101.4	100.5	96.9	97.2		78.6	77.6	75.1	75.5	
Industrial controls .....	3622	66.1	65.7	61.1	60.7		40.4	40.1	36.6	36.5	
Household appliances .....	363	152.7	152.0	143.9	144.0		121.7	121.0	112.4	112.9	
Household refrigerators and freezers .....	3632	30.9	30.0	29.0	28.5		24.8	23.9	22.5	22.1	
Household laundry equipment .....	3633	21.5	21.5	22.2	22.0		17.0	16.8	17.3	17.2	
Electric housewares and fans .....	3634	41.4	41.5	36.8	37.5		32.5	32.6	28.3	29.0	

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Durable goods—Continued</b>											
Electrical and electronic equipment—Continued											
Electric lighting and wiring equipment .....	364	204.4	202.7	195.7	197.3		149.4	147.8	141.1	142.8	
Electric lamps .....	3641	29.0	29.0	27.9	27.5		25.1	25.1	24.0	23.6	
Current-carrying wiring devices .....	3643	86.4	84.9	79.3	79.7		57.3	56.2	51.3	51.8	
Noncurrent-carrying wiring devices .....	3644	18.0	17.9	17.6	17.9		12.9	12.8	12.5	12.9	
Residential lighting fixtures .....	3645	27.1	27.1	26.2	27.1		20.6	20.6	19.9	20.6	
Radio and TV receiving equipment .....	365	93.0	92.4	84.7	85.2		65.0	64.5	58.4	58.9	
Radio and TV receiving sets .....	3651	73.4	72.7	67.4	67.7		50.4	49.7	46.0	46.4	
Communication equipment .....	366	627.8	631.3	666.5	662.8		286.9	290.1	291.2	289.0	
Telephone and telegraph apparatus .....	3661	146.8	146.5	138.9	134.6		95.1	95.8	86.9	82.8	
Radio and TV communication equipment .....	3662	481.0	484.8	527.6	528.2		191.8	194.3	204.3	206.2	
Electronic components and accessories .....	367	694.5	694.6	645.7	639.7		416.2	415.8	358.5	355.1	
Electronic tubes .....	3671-3	41.7	41.7	41.8	41.5		25.7	25.8	25.0	24.5	
Semiconductors and related devices .....	3674	284.6	284.5	275.0	271.4		124.0	122.9	103.7	102.2	
Electronic components, nec .....	3679	282.4	283.2	257.8	257.0		200.1	201.4	178.0	177.2	
Misc. electrical equipment and supplies .....	369	157.5	157.1	149.9	150.4		112.7	111.6	105.1	105.8	
Storage batteries .....	3691	28.5	28.7	28.5	29.0		22.3	22.5	22.6	23.0	
Engine electrical equipment .....	3694	65.9	65.7	63.2	64.0		51.4	51.0	47.7	48.5	
Transportation equipment .....	37	1,941.2	1,939.7	1,961.5	1,996.0	1,994.0	1,240.5	1,235.6	1,221.0	1,253.4	1,251.1
Motor vehicles and equipment .....	371	878.1	873.5	844.1	868.3	867.9	675.7	672.2	646.2	668.5	668.4
Motor vehicles and car bodies .....	3711	398.6	396.5	380.7	400.1	-	294.2	292.0	281.2	298.8	-
Truck and bus bodies .....	3713	37.9	37.6	37.1	37.3		30.0	29.7	28.6	28.7	
Motor vehicle parts and accessories .....	3714	395.9	394.1	384.5	389.1		315.4	314.9	304.9	309.2	
Truck trailers .....	3715	32.2	31.4	27.3	27.3		25.3	24.5	20.7	21.0	
Aircraft and parts .....	372	605.1	609.7	651.7	659.3		291.0	292.4	308.0	314.7	
Aircraft .....	3721	313.0	315.2	342.5	346.3		131.5	132.9	142.1	144.6	
Aircraft engines and engine parts .....	3724	143.1	143.9	147.3	150.6		74.2	74.3	72.9	76.2	
Aircraft equipment, nec .....	3728	149.0	150.6	161.9	162.4		85.3	85.2	93.0	93.9	
Ship and boat building and repairing .....	373	195.6	193.5	185.0	186.1		148.0	145.2	135.6	137.6	
Ship building and repairing .....	3731	149.2	147.7	138.6	139.8		109.8	107.8	98.3	100.4	
Boat building and repairing .....	3732	46.4	45.8	46.4	46.3		38.2	37.4	37.3	37.2	
Railroad equipment .....	374	38.5	37.1	34.1	34.4		27.3	26.0	23.7	24.1	
Guided missiles, space vehicles, and parts .....	376	160.0	161.9	179.7	181.2		55.0	56.1	62.2	63.0	
Guided missiles and space vehicles .....	3761	123.7	124.9	138.0	139.3		41.8	42.1	46.6	47.2	
Miscellaneous transportation equipment .....	379	50.7	50.4	53.7	53.3		33.9	33.9	36.1	36.2	
Travel trailers and campers .....	3792	20.3	19.9	22.0	21.7		15.9	15.8	17.5	17.0	
Instruments and related products .....	38	719.9	720.4	726.8	724.2	719.0	399.1	399.3	392.1	389.4	385.0
Engineering and scientific instruments .....	381	80.6	80.7	83.7	83.4		36.6	36.5	36.3	35.1	-
Measuring and controlling devices .....	382	254.0	254.5	257.3	256.1		145.0	145.2	141.5	141.2	
Environmental controls .....	3822	45.9	45.9	44.5	44.6		29.2	29.1	28.1	28.4	
Process control instruments .....	3823	56.7	56.5	57.0	56.7		27.6	27.9	29.0	28.9	
Instruments to measure electricity .....	3825	109.6	110.2	113.0	112.1		61.0	61.1	57.8	57.2	
Optical instruments and lenses .....	383	34.8	35.1	34.1	34.1		18.4	18.4	17.2	17.1	
Medical instruments and supplies .....	384	170.9	171.0	171.9	173.1		102.8	102.7	101.8	102.6	
Surgical and medical instruments .....	3841	82.8	82.8	84.3	84.7		46.9	46.6	46.0	46.4	
Surgical appliances and supplies .....	3842	73.8	74.0	72.8	73.6		47.6	47.8	47.3	47.7	
Ophthalmic goods .....	385	39.9	40.0	39.9	39.5		26.1	26.3	26.8	26.4	
Photographic equipment and supplies .....	386	125.1	124.5	126.2	125.0		59.9	59.8	58.4	57.2	
Watches, clocks, and watchcases .....	387	14.6	14.6	13.7	13.0		10.3	10.4	10.1	9.8	
Miscellaneous manufacturing .....	39	394.1	397.8	377.7	381.2	383.9	289.4	293.2	274.8	275.4	278.4
Jewelry, silverware, and plated ware .....	391	56.1	57.5	55.3	56.8	-	39.0	40.5	37.8	38.7	-
Jewelry, precious metal .....	3911	37.5	38.8	36.8	38.1		26.0	27.2	25.0	25.9	
Musical instruments .....	393	17.1	17.0	15.4	15.3		13.5	13.4	12.1	11.9	
Toys and sporting goods .....	394	116.3	116.3	108.2	110.6		88.5	88.3	80.4	81.7	
Dolls, games, toys, and children's vehicles .....	3942,4	61.0	60.4	55.4	57.3		46.1	45.3	40.2	41.2	
Sporting and athletic goods, nec .....	3949	55.3	55.9	52.8	53.3		42.4	43.0	40.2	40.5	
Pens, pencils, office, and art supplies .....	395	32.2	32.2	31.8	31.8		22.1	22.1	21.4	21.3	
Costume jewelry and notions .....	396	42.0	43.7	39.4	39.8		32.2	33.9	31.6	30.6	
Costume jewelry .....	3961	23.7	24.8	21.5	21.8		18.3	19.4	17.7	16.7	
Miscellaneous manufactures .....	399	130.4	131.1	127.6	126.9		94.1	95.0	91.5	91.2	
Signs and advertising displays .....	3993	53.7	53.9	52.4	52.2		38.1	38.3	36.8	36.7	

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>2</sup>	Oct. 1985 <sup>2</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>2</sup>	Oct. 1985 <sup>2</sup>
<b>Nondurable goods</b> .....		8,005	7,967	7,962	7,963	7,933	5,668	5,626	5,615	5,629	5,606
Food and kindred products .....	20	1,703.3	1,670.4	1,728.4	1,729.1	1,693.3	1,208.0	1,175.0	1,231.1	1,232.7	1,198.7
Meat products .....	201	360.3	367.6	376.0	375.1	-	303.6	308.8	317.9	318.0	-
Meat packing plants .....	2011	146.7	149.6	150.7	148.8		121.8	123.9	125.7	124.7	
Sausages and other prepared meats .....	2013	71.8	73.3	74.4	74.2		52.8	53.4	54.7	54.8	
Poultry dressing plants .....	2016	122.4	124.2	130.1	131.1		111.6	113.2	118.9	119.9	
Dairy products .....	202	164.8	162.3	167.2	164.9		96.4	93.6	99.8	97.7	
Cheese, natural and processed .....	2022	38.6	38.2	39.8	39.2		29.4	28.6	31.0	30.4	
Fluid milk .....	2026	88.2	87.6	89.2	88.6		42.6	42.0	43.1	42.7	
Preserved fruits and vegetables .....	203	307.2	264.4	310.0	310.4		264.4	222.8	265.3	265.1	
Canned specialties .....	2032	27.9	26.5	28.1	29.1		21.2	19.6	20.6	21.4	
Canned fruits and vegetables .....	2033	139.0	99.0	137.2	137.9		122.4	83.8	120.1	120.7	
Frozen fruits and vegetables .....	2037	58.7	58.2	58.8	57.9		52.5	51.9	52.5	51.3	
Grain mill products .....	204	131.3	131.1	128.4	129.1		89.6	89.8	87.8	88.8	
Flour and other grain mill products .....	2041	24.7	24.6	24.1	24.1		14.8	14.7	15.5	15.9	
Prepared feeds, nec .....	2048	47.9	47.4	46.0	46.3		30.7	30.4	29.2	29.5	
Bakery products .....	205	211.4	210.2	209.7	210.5		127.0	125.6	126.0	126.4	
Bread, cake, and related products .....	2051	165.6	165.7	164.9	165.4		90.2	90.3	90.1	90.1	
Cookies and crackers .....	2052	45.8	44.5	44.8	45.1		36.8	35.3	35.9	36.3	
Sugar and confectionery products .....	206	103.4	113.6	100.2	107.3		80.4	89.6	77.2	83.7	
Cane and beet sugar .....	2061-3	25.3	31.3	22.2	25.5		20.1	25.1	17.0	20.1	
Confectionery products .....	2065	57.2	61.3	56.5	60.1		46.2	50.3	45.7	48.9	
Fats and oils .....	207	35.0	38.0	35.4	36.3		25.5	28.0	25.8	26.5	
Beverages .....	208	217.0	213.2	221.9	219.8		92.5	90.5	95.5	94.6	
Malt beverages .....	2082	41.1	40.3	41.0	40.5		25.4	24.9	26.3	25.8	
Bottled and canned soft drinks .....	2086	130.1	128.1	135.4	132.1		42.4	41.4	44.7	43.2	
Misc. food and kindred products .....	209	172.9	170.0	179.6	175.7		128.6	126.3	135.8	131.9	
Tobacco manufactures .....	21	70.4	71.0	65.6	69.8	70.5	54.9	55.6	49.5	54.1	53.9
Cigarettes .....	211	45.0	45.2	45.9	45.3	-	33.6	34.1	34.3	34.0	-
Textile mill products .....	22	745.4	735.0	700.0	702.2	701.0	645.1	635.1	605.0	607.3	607.1
Weaving mills, cotton .....	221	119.8	116.3	105.0	105.4	-	107.2	104.2	94.5	94.5	-
Weaving mills, synthetics .....	222	100.1	99.1	89.0	89.0		89.0	88.2	78.8	78.9	
Weaving and finishing mills, wool .....	223	17.7	17.7	16.6	16.5		14.9	14.9	13.9	14.0	
Narrow fabric mills .....	224	23.5	23.3	21.1	21.2		20.2	19.9	17.9	18.1	
Knitting mills .....	225	203.3	200.7	198.3	198.3		177.1	174.5	173.5	173.7	
Women's hosiery, except socks .....	2251	32.2	31.9	33.6	33.7		28.9	28.6	30.3	30.4	
Hosiery, nec .....	2252	34.6	34.2	33.6	33.1		31.0	30.6	30.0	29.5	
Knit outerwear mills .....	2253	66.5	65.3	63.0	63.7		57.4	56.3	55.4	56.1	
Knit underwear mills .....	2254	27.4	27.2	26.3	26.1		23.6	23.4	22.0	21.9	
Circular knit fabric mills .....	2257	24.8	24.4	24.3	24.4		21.2	20.8	21.2	21.3	
Textile finishing, except wool .....	226	67.3	67.1	63.0	63.3		56.8	56.5	52.6	52.9	
Finishing plants, cotton .....	2261	26.1	26.0	23.8	23.9		22.1	22.0	20.1	20.1	
Finishing plants, synthetics .....	2262	23.3	23.3	22.5	22.4		19.5	19.4	18.3	18.3	
Floor covering mills .....	227	54.5	54.4	55.7	56.7		44.2	44.0	45.5	46.4	
Yarn and thread mills .....	228	104.9	102.2	99.5	99.9		92.8	90.1	87.9	88.5	
Yarn mills, except wool .....	2281	72.0	69.8	68.7	69.1		64.7	62.2	61.9	62.3	
Throwing and winding mills .....	2282	16.6	16.3	15.5	15.5		14.5	14.5	13.6	13.7	
Miscellaneous textile goods .....	229	54.3	54.2	51.8	51.9		42.9	42.8	40.4	40.3	
Apparel and other textile products .....	23	1,194.9	1,194.1	1,157.6	1,167.5	1,167.3	1,011.6	1,009.9	976.3	985.5	986.8
Men's and boys' suits and coats .....	231	72.1	71.6	68.3	68.3	-	63.5	62.7	59.6	59.9	-
Men's and boys' furnishings .....	232	339.9	335.4	333.4	334.2		292.9	289.0	289.2	289.8	
Men's and boys' shirts and nightwear .....	2321	98.5	97.6	92.3	92.5		85.5	84.6	80.0	80.0	
Men's and boys' separate trousers .....	2327	66.1	64.6	65.0	65.6		57.6	56.3	57.2	57.5	
Men's and boys' work clothing .....	2328	98.5	97.4	103.4	103.5		84.0	83.4	90.3	90.3	
Women's and misses' outerwear .....	233	380.0	382.2	369.1	374.6		319.6	320.8	307.1	311.8	
Women's and misses' blouses and waists .....	2331	59.6	60.4	59.3	59.7		50.5	51.1	49.5	49.8	
Women's and misses' dresses .....	2335	114.1	114.0	106.4	108.5		96.8	96.7	89.1	91.0	
Women's and misses' suits and coats .....	2337	56.0	53.9	55.3	55.4		46.5	44.4	45.8	45.8	
Women's and misses' outerwear, nec .....	2339	150.3	153.9	148.1	151.0		125.8	128.6	122.7	125.2	

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 <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>2</sup>	Oct. 1985 <sup>2</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>2</sup>	Oct. 1985 <sup>2</sup>
<b>Nondurable goods—Continued</b>											
Apparel and other textile products—Continued											
Women's and children's undergarments .....	234	85.5	86.5	81.5	83.1		71.8	72.7	68.2	69.7	
Women's and children's underwear .....	2341	69.5	70.6	66.9	68.0		60.0	60.9	57.4	58.6	
Brassieres and allied garments .....	2342	16.0	15.9	14.6	15.1		11.8	11.8	10.8	11.1	
Children's outerwear .....	236	63.9	63.9	61.7	61.7		54.2	54.2	51.8	51.8	
Children's dresses and blouses .....	2361	27.1	27.3	25.5	26.2		23.9	24.2	22.4	23.0	
Misc. apparel and accessories .....	238	47.3	47.5	43.5	43.4		39.2	39.4	36.0	36.0	
Misc. fabricated textile products .....	239	185.7	186.5	180.9	182.9		153.5	154.2	149.0	150.9	
Curtains and draperies .....	2391	26.4	26.6	25.7	26.2		21.6	21.8	20.7	21.0	
House furnishings, nec .....	2392	53.8	54.8	50.7	51.7		46.1	46.9	43.5	44.5	
Automotive and apparel trimmings .....	2396	36.7	36.1	35.4	36.5		30.4	29.8	29.4	30.4	
Paper and allied products .....	26	683.0	683.8	687.6	684.2	684.8	513.0	514.2	520.9	518.6	520.3
Paper and pulp mills .....	261,2,6	199.6	200.0	201.4	198.6	-	149.5	149.5	153.5	151.5	-
Paper mills, except building paper .....	262	174.6	175.4	175.8	173.0		129.0	129.4	132.7	130.6	
Paperboard mills .....	263	57.3	57.0	56.2	55.6		44.1	43.7	43.2	42.6	
Misc. converted paper products .....	264	228.3	228.2	234.2	233.4		166.4	167.2	172.4	172.0	
Paper coating and glazing .....	2641	58.7	59.1	59.7	59.1		37.8	38.4	37.9	37.0	
Envelopes .....	2642	26.0	26.2	26.7	27.0		20.1	20.3	20.2	20.6	
Bags, except textile bags .....	2643	50.9	50.9	50.2	50.8		39.8	39.9	39.4	40.0	
Paperboard containers and boxes .....	265	197.8	198.6	195.8	196.6		153.0	153.8	151.8	152.5	
Folding paperboard boxes .....	2651	42.2	42.3	41.4	42.2		33.3	33.4	32.7	33.6	
Corrugated and solid fiber boxes .....	2653	101.4	102.1	101.1	101.4		76.4	77.0	76.5	76.7	
Sanitary food containers .....	2654	24.5	24.2	25.0	24.3		20.3	20.0	21.0	20.2	
Printing and publishing .....	27	1,383.9	1,391.8	1,425.0	1,421.7	1,427.1	763.2	767.7	785.7	785.5	786.6
Newspapers .....	271	443.1	445.6	454.2	450.0	-	167.1	169.3	170.5	169.6	-
Periodicals .....	272	107.7	108.5	109.5	108.3		25.2	25.3	28.0	28.4	
Books .....	273	101.2	101.3	105.2	103.1		47.8	47.9	53.0	51.1	
Book publishing .....	2731	76.2	76.6	79.6	77.8		27.8	28.2	32.4	30.9	
Book printing .....	2732	25.0	24.7	25.6	25.3		20.0	19.7	20.6	20.2	
Miscellaneous publishing .....	274	65.8	66.0	72.7	72.6		35.2	35.2	38.9	38.2	
Commercial printing .....	275	473.8	477.0	488.1	492.3		347.6	348.7	355.4	358.1	
Commercial printing, letterpress .....	2751	158.6	159.7	161.5	163.3		118.1	118.9	118.4	119.2	
Commercial printing, lithographic .....	2752	290.0	292.0	300.3	302.5		209.2	209.4	216.1	217.9	
Manifold business forms .....	276	47.6	47.7	47.7	47.7		33.0	33.0	33.0	33.0	
Blankbooks and bookbinding .....	278	70.8	71.4	71.0	70.9		57.6	58.1	57.2	57.0	
Printing trade services .....	279	48.4	48.7	51.3	51.8		35.6	36.0	37.7	38.3	
Chemicals and allied products .....	28	1,051.4	1,049.8	1,044.8	1,040.0	1,038.8	583.4	580.5	576.1	574.8	576.6
Industrial inorganic chemicals .....	281	143.2	143.3	143.6	142.5	-	72.8	72.6	72.0	71.4	-
Industrial inorganic chemicals, nec .....	2819	94.4	94.4	94.0	93.2		49.6	49.6	49.0	48.8	
Plastics materials and synthetics .....	282	176.5	175.7	167.6	166.0		116.6	115.8	111.1	110.5	
Plastics materials and resins .....	2821	75.7	75.6	74.4	73.6		44.7	44.3	44.6	44.0	
Organic fibers, noncellulosic .....	2824	68.6	68.2	63.1	62.6		48.2	48.0	44.6	44.3	
Drugs .....	283	204.3	204.9	206.1	204.4		92.0	92.0	94.5	93.2	
Pharmaceutical preparations .....	2834	165.6	165.2	167.3	166.0		75.6	74.7	75.9	75.1	
Soap, cleaners, and toilet goods .....	284	148.9	147.3	149.7	150.5		96.7	94.8	96.1	97.2	
Soap and other detergents .....	2841	41.2	41.3	42.2	41.6		27.3	27.2	27.1	26.6	
Toilet preparations .....	2844	70.5	68.8	69.0	70.3		48.9	47.0	47.8	49.1	
Polishing, sanitation, and finishing preparations .....	2842,3	37.2	37.2	38.5	38.6		20.5	20.6	21.2	21.5	
Paints and allied products .....	285	62.2	61.9	63.8	63.3		30.6	30.2	31.2	30.6	
Industrial organic chemicals .....	286	164.6	164.5	163.7	163.4		84.4	84.4	82.7	83.4	
Cyclic crudes and intermediates .....	2865	31.5	31.3	30.9	31.0		19.4	19.1	20.1	20.4	
Gum, wood, and industrial organic chemicals, nec .....	2861,9	133.1	133.2	132.8	132.4		65.0	65.3	62.6	63.0	
Agricultural chemicals .....	287	59.3	59.4	57.8	57.8		36.5	36.7	35.4	35.5	
Miscellaneous chemical products .....	289	92.4	92.8	92.5	92.1		53.8	54.0	53.1	53.0	
Petroleum and coal products .....	29	189.9	189.1	179.7	172.1	171.4	113.3	113.1	110.2	106.6	107.2
Petroleum refining .....	291	149.9	149.2	139.9	132.7	-	84.1	84.0	81.5	78.2	-
Paving and roofing materials .....	295	29.0	28.9	29.0	28.6		22.3	22.2	22.2	22.0	

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Rubber and misc. plastics products .....	30	793.8	795.5	795.6	799.0	802.0	617.7	619.4	611.8	616.4	621.5
Tires and inner tubes .....	301	95.0	94.8	90.5	90.3	-	67.0	67.0	60.2	60.7	-
Rubber and plastics footwear .....	302	15.6	15.9	13.1	13.1	-	13.4	13.7	11.2	10.9	-
Reclaimed rubber, and rubber and plastics hose and belting .....	303,4	21.0	21.1	20.2	20.3	-	13.7	13.9	13.5	13.6	-
Fabricated rubber products, nec .....	306	110.2	110.4	109.1	108.6	-	84.8	85.1	83.1	82.8	-
Miscellaneous plastics products .....	307	552.0	553.3	562.7	566.7	-	438.8	439.7	443.8	448.4	-
Leather and leather products .....	31	189.0	186.8	177.8	177.2	176.4	157.4	155.7	148.6	147.8	147.0
Leather tanning and finishing .....	311	16.2	15.9	15.2	15.2	-	13.5	13.2	12.6	12.5	-
Footwear, except rubber .....	314	112.7	111.1	107.1	105.4	-	95.7	94.3	91.5	90.1	-
Men's footwear, except athletic .....	3143	46.8	46.3	42.8	42.0	-	37.9	37.6	34.9	34.4	-
Women's footwear, except athletic .....	3144	41.7	40.8	41.5	40.8	-	36.5	35.7	36.6	36.0	-
Luggage .....	316	13.9	13.9	12.9	13.0	-	10.3	10.5	9.6	9.7	-
Handbags and personal leather goods .....	317	25.3	25.3	23.7	24.4	-	20.6	20.7	19.5	20.0	-
<b>Transportation and public utilities .....</b>		<b>5,266</b>	<b>5,272</b>	<b>5,303</b>	<b>5,378</b>	<b>5,367</b>	<b>4,357</b>	<b>4,362</b>	<b>4,391</b>	<b>4,463</b>	<b>4,461</b>
Transportation .....		3,022	3,033	3,041	3,134	3,126					
Railroad transportation .....	40	375.0	372.2	349.7	343.4	-					
Class I railroads <sup>2</sup> .....	4011	348.2	345.1	326.4	320.2	-					
Local and interurban passenger transit .....	41	278.3	282.7	226.3	284.5	-	257.3	261.3	207.1	264.2	-
Local and suburban transportation .....	411	85.5	85.3	90.4	91.4	-	78.2	78.0	83.1	84.0	-
Taxicabs .....	412	38.7	39.0	37.8	38.2	-	-	-	-	-	-
Intercity highway transportation .....	413	39.3	37.3	37.0	38.1	-	36.5	34.3	33.9	35.2	-
School buses .....	415	93.3	99.1	39.8	93.9	-	-	-	-	-	-
Trucking and warehousing .....	42	1,358.8	1,379.0	1,388.1	1,418.4	-	1,185.3	1,206.0	1,210.3	1,235.9	-
Trucking and trucking terminals .....	421,3	1,264.3	1,275.6	1,289.7	1,312.9	-	1,106.2	1,118.5	1,127.5	1,146.8	-
Public warehousing .....	422	94.5	103.4	98.4	105.5	-	79.1	87.5	82.8	89.1	-
Water transportation .....	44	217.3	205.3	219.0	226.6	-					
Local water transportation .....	445	29.8	29.0	30.6	30.2	-					
Water transportation services .....	446	121.9	110.6	118.0	125.6	-					
Transportation by air .....	45	507.8	506.9	550.3	552.7	-					
Air transportation .....	451,2	447.2	446.8	487.0	489.6	-					
Air transportation services .....	458	60.6	60.1	63.3	63.1	-					
Pipe lines, except natural gas .....	46	19.1	18.7	19.4	19.1	-	13.5	13.3	13.9	13.7	-
Transportation services .....	47	265.6	267.7	288.1	289.2	-					
Freight forwarding .....	471	62.3	62.3	69.1	70.5	-					
Communication and public utilities .....		2,244	2,239	2,262	2,244	2,241	-	-	-	-	-
Communication .....	48	1,341.0	1,338.0	1,330.6	1,324.1	-	1,019.6	1,016.7	1,013.9	1,008.9	-
Telephone communication .....	481	948.0	943.9	917.3	911.6	-	708.2	704.1	682.9	678.8	-
Radio and television broadcasting .....	483	233.2	232.9	238.2	236.9	-	188.0	188.0	194.3	193.3	-
Radio broadcasting .....	4832	111.2	110.7	113.0	112.4	-	-	-	-	-	-
Television broadcasting .....	4833	122.0	122.2	125.2	124.5	-	-	-	-	-	-
Electric, gas, and sanitary services .....	49	902.7	900.6	931.0	919.9	-	718.9	716.8	744.5	732.8	-
Electric services .....	491	445.2	446.2	458.3	453.5	-	347.7	348.4	357.7	353.2	-
Gas production and distribution .....	492	172.3	171.2	175.2	171.6	-	135.4	134.3	137.7	133.9	-
Combination utility services .....	493	200.0	198.8	204.5	202.7	-	162.4	161.4	169.0	166.8	-
Sanitary services .....	495	59.5	59.3	66.6	65.7	-	52.5	52.2	58.4	57.3	-
<b>Wholesale trade .....</b>		<b>5,628</b>	<b>5,660</b>	<b>5,814</b>	<b>5,822</b>	<b>5,856</b>	<b>4,542</b>	<b>4,572</b>	<b>4,699</b>	<b>4,703</b>	<b>4,733</b>
Durable goods .....	50	3,314	3,326	3,448	3,443	3,459	2,657	2,668	2,766	2,757	-
Motor vehicles and automotive equipment .....	501	428.8	429.0	436.2	435.2	-	344.7	344.4	353.0	351.5	-
Automobiles and other motor vehicles .....	5012	106.8	107.4	110.9	110.9	-	-	-	-	-	-
Automotive parts and supplies .....	5013	288.7	288.1	292.1	291.4	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Wholesale trade—Continued</b>											
Durable goods—Continued											
Furniture and home furnishings .....	502	125.7	127.3	130.0	130.9		105.8	107.4	109.1	109.7	
Furniture .....	5021	52.7	52.9	55.7	55.9		-	-	-	-	
Home furnishings .....	5023	73.0	74.4	74.3	75.0		-	-	-	-	
Lumber and construction materials .....	503	205.1	204.8	216.1	215.5		170.4	170.6	180.5	179.9	
Lumber, plywood, and millwork .....	5031	93.5	93.3	98.1	98.0		-	-	-	-	
Construction materials, nec .....	5039	111.6	111.5	118.0	117.5		-	-	-	-	
Sporting goods, toys, and hobby goods .....	504	73.4	73.5	75.8	76.2		61.4	61.4	63.6	64.1	
Metals and minerals, except petroleum .....	505	139.2	139.2	142.3	141.9		112.3	112.2	114.7	114.3	
Electrical goods .....	506	481.8	485.6	497.5	495.5		382.7	385.9	387.5	384.7	
Electrical apparatus and equipment .....	5063	267.2	269.5	277.2	276.9		-	-	-	-	
Electrical appliances, TV and radios .....	5064	66.2	67.0	67.5	67.4		-	-	-	-	
Electronic parts and equipment .....	5065	148.4	149.1	152.8	151.2		-	-	-	-	
Hardware, plumbing, and heating equipment .....	507	253.0	253.4	264.6	264.4		205.0	205.5	213.6	213.1	
Hardware .....	5072	85.0	85.5	88.8	88.9		-	-	-	-	
Plumbing and hydronic heating supplies .....	5074	104.2	103.9	107.7	107.9		-	-	-	-	
Machinery, equipment, and supplies .....	508	1,413.4	1,419.1	1,492.0	1,490.2		1,114.4	1,119.5	1,185.4	1,181.4	
Commercial machines and equipment .....	5081	494.5	496.7	528.3	530.5		-	-	-	-	
Construction and mining machinery .....	5082	78.1	78.6	84.1	83.9		-	-	-	-	
Farm machinery and equipment .....	5083	135.9	136.0	136.6	135.1		-	-	-	-	
Industrial machinery and equipment .....	5084	311.2	315.4	329.9	330.3		-	-	-	-	
Industrial supplies .....	5085	131.8	133.0	137.4	136.7		-	-	-	-	
Professional equipment and supplies .....	5086	161.1	158.7	169.2	167.7		-	-	-	-	
Miscellaneous durable goods .....	509	193.4	194.5	193.1	193.4		160.6	161.2	158.2	158.3	
Scrap and waste materials .....	5093	93.6	93.6	93.7	93.5		-	-	-	-	
Nondurable goods .....	51	2,314	2,334	2,366	2,379	2,397	1,885	1,904	1,933	1,946	
Paper and paper products .....	511	176.2	177.4	185.3	185.8	-	143.4	144.0	150.7	151.7	
Drugs, proprietaries, and sundries .....	512	157.9	158.8	161.9	162.4		130.8	131.4	134.7	135.3	
Apparel, piece goods, and notions .....	513	185.2	185.7	186.1	187.2		137.4	138.8	140.6	141.2	
Groceries and related products .....	514	723.4	729.9	750.2	756.9		623.3	629.4	645.0	650.7	
Groceries, general line .....	5141	228.4	229.8	240.9	242.0		-	-	-	-	
Meats and meat products .....	5147	65.2	65.5	66.7	67.1		-	-	-	-	
Fresh fruits and vegetables .....	5148	92.8	92.1	87.0	91.0		-	-	-	-	
Chemicals and allied products .....	516	131.3	131.2	133.3	132.3		91.0	92.0	96.0	95.3	
Petroleum and petroleum products .....	517	205.4	205.2	209.5	208.3		153.2	153.4	158.3	157.0	
Petroleum bulk stations and terminals .....	5171	86.7	86.6	88.1	87.5		-	-	-	-	
Petroleum products, nec .....	5172	118.7	118.6	121.4	120.8		-	-	-	-	
Beer, wine, and distilled beverages .....	518	154.5	155.0	162.3	160.1		129.1	129.3	135.5	133.2	
Beer and ale .....	5181	96.1	95.8	101.7	99.6		-	-	-	-	
Wines and distilled beverages .....	5182	58.4	59.2	60.6	60.5		-	-	-	-	
Miscellaneous nondurable goods .....	519	423.6	427.7	432.2	434.1		345.7	349.1	351.5	354.1	
Farm supplies .....	5191	157.6	160.7	159.9	163.1		-	-	-	-	
<b>Retail trade .....</b>		<b>16,880</b>	<b>16,922</b>	<b>17,637</b>	<b>17,677</b>	<b>17,688</b>	<b>15,106</b>	<b>15,154</b>	<b>15,746</b>	<b>15,789</b>	<b>15,796</b>
Building materials and garden supplies .....	52	671.1	671.3	691.7	677.0		567.4	568.5	585.1	572.2	
Lumber and other building materials .....	521	350.2	351.0	364.1	357.9		298.6	299.5	311.6	305.0	
Hardware stores .....	525	156.1	157.0	162.2	159.2		131.8	132.6	136.7	134.1	
General merchandise stores .....	53	2,264.4	2,319.1	2,307.3	2,326.6	2,380.7	2,117.0	2,169.5	2,169.4	2,187.9	
Department stores .....	531	1,908.4	1,956.8	1,943.9	1,959.1	-	1,798.4	1,844.9	1,844.8	1,860.1	
Variety stores .....	533	216.3	222.5	220.0	223.5		197.4	203.4	199.9	202.8	
Misc. general merchandise stores .....	539	139.7	139.8	143.4	144.0		121.2	121.2	124.7	125.0	
Food stores .....	54	2,687.6	2,716.8	2,843.5	2,857.4	2,879.8	2,496.6	2,526.8	2,634.1	2,645.4	
Grocery stores .....	541	2,354.3	2,374.8	2,501.0	2,513.8	-	2,198.4	2,220.4	2,329.2	2,339.1	
Meat markets and freezer provisioners .....	542	58.5	59.2	63.6	63.1		-	-	-	-	
Dairy products stores .....	545	37.6	37.8	36.8	36.4		-	-	-	-	
Retail bakeries .....	546	154.4	158.4	162.3	164.1		139.6	143.2	145.8	147.2	
Automotive dealers and service stations .....	55	1,838.0	1,844.8	1,922.8	1,919.3	1,923.6	1,544.9	1,551.4	1,615.2	1,609.7	
New and used car dealers .....	551,2	861.2	866.0	906.9	911.4	-	712.7	717.1	750.9	754.5	
Auto and home supply stores .....	553	300.8	301.2	305.2	303.8		251.8	251.8	248.0	245.0	
Gasoline service stations .....	554	594.3	598.9	621.0	619.3		515.8	520.0	542.8	541.7	

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Oct. 1985 <sup>P</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Oct. 1985 <sup>P</sup>
<b>Retail trade—Continued</b>											
Apparel and accessory stores .....	56	992.5	1,004.1	1,029.6	1,022.8		835.0	846.8	868.3	864.0	
Men's and boys' clothing and furnishings .....	561	108.0	110.5	107.8	107.7		89.7	92.1	89.6	89.8	
Women's ready-to-wear stores .....	562	366.9	369.3	385.7	385.1		311.4	314.1	328.3	328.6	
Family clothing stores .....	565	196.1	199.3	204.3	199.3		170.3	173.5	177.3	173.5	
Shoe stores .....	566	204.9	206.2	206.2	204.9		166.0	167.2	167.5	166.3	
Furniture and home furnishings stores .....	57	679.9	691.0	735.8	743.0		566.9	577.4	617.3	624.7	
Furniture and home furnishings stores .....	571	392.6	396.7	414.8	417.8		327.7	331.4	347.2	349.1	
Furniture stores .....	5712	249.4	251.0	262.8	263.7		-	-	-	-	
Household appliance stores .....	572	84.5	84.3	87.4	87.4		71.3	71.3	73.5	73.7	
Radio, television, and music stores .....	573	202.8	210.0	233.6	237.8		167.9	174.7	196.6	201.9	
Radio and television stores .....	5732	140.4	147.9	164.0	165.9		-	-	-	-	
Music stores .....	5733	62.4	62.1	69.6	71.9		-	-	-	-	
Eating and drinking places .....	58	5,643.8	5,517.4	5,920.1	5,922.6	5,780.8	5,170.5	5,050.3	5,384.8	5,390.6	
Miscellaneous retail .....	59	2,102.6	2,157.5	2,186.5	2,208.2		1,808.0	1,863.4	1,871.5	1,894.2	
Drug stores and proprietary stores .....	591	532.7	543.7	563.3	564.5		467.8	478.0	491.4	491.8	
Liquor stores .....	592	127.6	128.2	125.8	127.5		-	-	-	-	
Miscellaneous shopping goods stores .....	594	683.4	705.9	713.4	729.0		584.7	607.1	604.6	619.7	
Sporting goods and bicycle shops .....	5941	117.1	120.4	120.9	125.3		-	-	-	-	
Book stores .....	5942	67.8	67.6	67.7	74.6		-	-	-	-	
Stationery stores .....	5943	69.0	70.0	76.3	77.1		-	-	-	-	
Jewelry stores .....	5944	143.4	148.8	143.5	145.6		-	-	-	-	
Gift, novelty, and souvenir shops .....	5947	121.8	122.2	128.3	125.1		-	-	-	-	
Sewing, needlework, and piece goods .....	5949	66.7	69.5	74.2	76.1		-	-	-	-	
Nonstore retailers .....	596	260.5	269.9	256.6	262.8		235.7	245.1	231.5	238.2	
Mail order houses .....	5961	129.2	136.6	122.6	129.4		-	-	-	-	
Merchandising machine operators .....	5962	81.4	82.1	81.1	81.4		-	-	-	-	
Fuel and ice dealers .....	598	102.4	106.0	104.9	106.0		85.1	88.7	86.9	88.0	
Retail stores, nec .....	599	324.0	330.6	346.1	342.9		267.7	275.0	286.7	285.3	
<b>Finance, insurance, and real estate<sup>2</sup></b> .....		<b>5,725</b>	<b>5,722</b>	<b>6,031</b>	<b>5,994</b>	<b>5,989</b>	<b>4,255</b>	<b>4,249</b>	<b>4,487</b>	<b>4,445</b>	<b>4,439</b>
Finance .....		2,867	2,873	3,019	3,005	3,010					
Banking .....	60	1,679.3	1,678.9	1,737.6	1,721.8		1,242.4	1,240.3	1,277.1	1,259.3	
Commercial and stock savings banks .....	602	1,522.1	1,522.2	1,575.7	1,561.6		1,118.9	1,116.8	1,152.0	1,136.3	
State banks, Federal Reserve .....	6022	332.5	332.6	341.8	339.0		-	-	-	-	
State banks, not Federal Reserve .....	6023,4	377.2	377.2	393.1	388.5		-	-	-	-	
Mutual savings banks .....	603	76.3	76.6	80.2	79.0		-	-	-	-	
Credit agencies other than banks .....	61	705.6	710.0	768.2	769.7		536.8	540.9	586.2	586.6	
Savings and loan associations .....	612	329.0	330.9	350.3	349.3		252.9	254.0	268.5	267.5	
Federal savings and loan associations .....	6122	187.5	187.5	200.7	199.7		-	-	-	-	
State associations, insured .....	6123	132.8	134.6	140.3	140.3		-	-	-	-	
Personal credit institutions .....	614	205.0	206.5	219.7	219.8		157.7	159.5	171.3	171.2	
Business credit institutions .....	615	43.9	44.5	51.2	51.5		-	-	-	-	
Mortgage bankers and brokers .....	616	104.0	104.4	123.1	125.3		-	-	-	-	
Security, commodity brokers, and services .....	62	342.0	342.7	361.2	360.5						
Security brokers and dealers .....	621	276.0	276.7	290.9	290.7						
Holding and other investment offices .....	67	140.4	141.4	151.9	152.5						
Insurance .....		1,760	1,767	1,832	1,828	1,832					
Insurance carriers .....	63	1,233.2	1,236.7	1,271.6	1,266.1		836.7	837.9	871.2	865.6	
Life insurance .....	631	529.5	531.0	542.4	539.6		321.5	322.2	335.8	332.3	
Medical service and health insurance .....	632	154.9	156.3	168.4	168.5		124.6	125.6	137.3	137.9	
Fire, marine, and casualty insurance .....	633	467.7	468.8	476.9	474.3		326.6	326.6	333.3	331.1	
Title insurance .....	636	46.9	46.5	48.3	48.2		-	-	-	-	
Insurance agents, brokers, and service .....	64	526.6	529.9	559.9	562.1						

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 <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Finance, insurance, and real estate—Continued</b>											
Real estate, and combined real estate, insurance, etc ....		1,098	1,082	1,180	1,161	1,147					
Real estate .....	65	1,082.6	1,067.1	1,164.7	1,145.3						
Real estate operators and lessors .....	651	502.7	492.1	525.9	518.2						
Real estate agents and managers .....	653	420.5	418.2	466.7	458.2	-				-	
Subdividers and developers .....	655	134.3	132.0	146.1	143.1						
Combined real estate, insurance, etc .....	66	15.0	15.0	15.5	15.3						
<b>Services .....</b>		<b>21,089</b>	<b>21,165</b>	<b>22,205</b>	<b>22,226</b>	<b>22,375</b>	<b>18,667</b>	<b>18,743</b>	<b>19,610</b>	<b>19,605</b>	<b>19,745</b>
Hotels and other lodging places .....	70	1,336.4	1,287.2	1,505.3	1,428.2		-	-	-	-	
Hotels, motels, and tourist courts .....	701	1,288.7	1,251.1	1,420.9	1,380.6	-	1,166.5	1,130.4	1,286.0	1,247.1	
Personal services .....	72	1,021.2	1,043.3	1,110.1	1,118.0	-	-	-	-	-	
Laundry, cleaning, and garment services .....	721	366.9	372.0	383.6	386.2		327.2	331.6	343.2	345.4	
Photographic studios, portrait .....	722	54.9	59.3	51.5	54.5		-	-	-	-	
Beauty shops .....	723	331.1	333.5	352.1	356.3		299.8	301.8	317.5	321.4	
Funeral service and crematories .....	726	73.3	73.7	76.0	75.3		-	-	-	-	
Business services .....	73	4,227.3	4,251.3	4,538.0	4,552.2	4,587.9	3,693.1	3,716.1	3,962.0	3,973.0	
Advertising .....	731	183.7	185.9	193.1	192.8	-	138.4	140.9	144.6	143.9	
Advertising agencies .....	7311	136.6	138.6	144.6	144.5		-	-	-	-	
Credit reporting and collection .....	732	80.8	81.8	91.7	92.3	-	-	-	-	-	
Mailing, reproduction, and stenographic .....	733	170.0	175.1	179.9	183.6		-	-	-	-	
Services to buildings .....	734	622.6	625.9	672.2	676.7		569.1	570.6	614.1	617.9	
Personnel supply services .....	736	893.1	898.1	953.9	960.4		-	-	-	-	
Employment agencies .....	7361	169.6	172.9	195.7	194.0		-	-	-	-	
Temporary help supply services .....	7362	685.3	687.0	720.1	727.9		-	-	-	-	
Computer and data processing services .....	737	482.3	491.1	555.4	556.9	-	402.5	409.5	461.3	461.8	
Computer programming and software .....	7372	167.1	170.8	197.7	198.7		-	-	-	-	
Data processing services .....	7374	235.4	240.8	268.1	268.8		-	-	-	-	
Miscellaneous business services .....	739	1,786.5	1,785.2	1,883.7	1,881.2						
Research development laboratories, nec .....	7391	197.8	199.2	209.9	208.7						
Management and public relations .....	7392	473.2	470.5	521.3	512.3						
Detective and protective services .....	7393	410.9	406.9	432.5	434.6						
Equipment rental and leasing .....	7394	162.5	166.3	166.4	165.1						
Photofinishing laboratories .....	7395	81.2	80.6	82.9	85.1						
Auto repair, services, and garages .....	75	702.3	706.1	741.1	739.9		592.5	597.1	626.7	624.2	
Automotive rentals, without drivers .....	751	141.4	141.3	147.4	148.1		-	-	-	-	
Automotive repair shops .....	753	439.4	441.5	462.9	461.8		365.4	368.0	386.9	385.0	
Miscellaneous repair services .....	76	322.5	325.3	339.9	341.6		271.1	273.2	284.9	286.5	
Electrical repair shops .....	762	97.5	97.3	99.5	100.7		-	-	-	-	
Motion pictures .....	78	226.4	220.7	226.5	217.1		194.8	189.4	193.8	184.1	
Motion picture production and services .....	781	103.7	105.0	99.0	97.7		86.6	87.8	81.0	79.2	
Motion picture theaters .....	783	111.0	103.7	115.8	107.6		-	-	-	-	
Amusement and recreation services .....	79	857.2	764.8	992.6	926.4		773.7	686.6	890.9	825.3	
Health services .....	80	6,122.1	6,124.8	6,310.3	6,311.6	6,338.2	5,477.3	5,479.0	5,629.7	5,616.3	
Offices of physicians .....	801	916.8	920.3	977.8	980.4	-	766.8	769.0	809.3	810.2	
Offices of dentists .....	802	428.6	430.8	447.4	449.0		378.8	381.1	396.5	397.4	
Nursing and personal care facilities .....	805	1,154.1	1,154.0	1,219.1	1,216.2		1,044.9	1,044.3	1,102.5	1,098.4	
Skilled nursing care facilities .....	8051	743.5	743.1	785.1	784.5		-	-	-	-	
Nursing and personal care, nec .....	8059	410.6	410.9	434.0	431.7		-	-	-	-	
Hospitals .....	806	2,980.0	2,971.6	2,965.6	2,962.2		2,721.4	2,713.9	2,706.7	2,695.0	
General medical and surgical hospitals .....	8062	2,803.2	2,794.9	2,781.8	2,779.4		-	-	-	-	
Psychiatric hospitals .....	8063	51.8	51.9	55.1	54.7		-	-	-	-	
Specialty hospitals, excluding psychiatric .....	8069	125.0	124.8	128.7	128.1		-	-	-	-	
Medical and dental laboratories .....	807	113.0	112.7	114.3	114.2		-	-	-	-	
Outpatient care facilities .....	808	193.2	196.1	218.3	220.6		-	-	-	-	

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 <sup>1</sup>				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Services—Continued</b>											
Legal services .....	81	656.5	662.1	716.2	704.4		556.3	561.1	610.3	598.4	
Educational services .....	82	1,215.1	1,345.4	1,056.1	1,221.1						
Elementary and secondary schools .....	821	351.7	364.3	306.4	348.9			-			
Colleges and universities .....	822	737.0	848.4	620.6	742.0						
Correspondence and vocational schools .....	824	58.4	61.3	60.4	61.1						
Social services .....	83	1,246.5	1,268.4	1,319.7	1,356.2						
Individual and family services .....	832	249.8	254.0	281.0	276.6						
Job training and related services .....	833	192.3	193.2	213.8	206.7						
Residential care .....	836	270.1	271.2	289.2	290.0						
Museums, botanical and zoological gardens .....	84	43.8	44.6	46.5	45.7						
Membership organizations .....	86	1,489.7	1,498.7	1,513.9	1,492.9						
Business associations .....	861	86.3	86.0	89.7	88.5						
Labor organizations .....	863	136.5	140.1	137.5	144.4						
Civic and social associations .....	864	320.1	325.1	358.5	323.7						
Miscellaneous services .....	89	1,170.2	1,181.0	1,277.5	1,269.4		963.6	971.5	1,054.4	1,040.9	
Engineering and architectural services .....	891	651.9	657.8	719.2	714.8		550.6	555.8	611.4	606.3	
Noncommercial research organizations .....	892	109.4	110.4	117.9	113.5		-	-	-	-	
Accounting, auditing, and bookkeeping .....	893	386.3	389.8	416.1	416.7		303.6	305.4	326.1	321.9	
<b>Government</b> .....		15,778	16,233	15,434	16,073	16,558					
Federal Government <sup>4</sup> .....		2,800	2,804	2,918	2,868	2,882					
Executive, by agency <sup>4</sup> .....		2,744.6	2,747.6	2,860.4							
Department of Defense .....		954.9	964.1	1,006.3							
Postal Service <sup>5</sup> .....		703.6	706.1	753.2							
Other executive agencies .....		1,086.1	1,077.4	1,100.9							
Legislative .....		38.8	38.9	39.9							
Judicial .....		17.0	17.0	18.1							
Federal government, by industry:											
Manufacturing activities .....		135.9	136.9	136.8	135.8						
Shipbuilding and repairing .....	3731	82.4	83.3	81.1	80.6						
Transportation and public utilities, except Postal											
Service .....		39.4	39.3	39.2	38.2						
Services .....		407.3	404.4	417.8	414.8						
Hospitals .....	806	239.9	240.3	248.4	248.3						
State government .....		3,666	3,809	3,592	3,731	3,896					
Hospitals .....	806	461.2	463.6	465.9	465.1	-					
Education .....	82	1,402.9	1,566.9	1,239.4	1,426.5						
General administration, including executive,											
legislative, and judicial functions .....		1,195.4	1,179.7	1,247.8	1,219.5						
Local government .....		9,312	9,620	8,924	9,474	9,780					
Transportation and public utilities .....		496.1	495.4	513.5	511.5	-					
Hospitals .....	806	614.7	615.4	613.7	613.6						
Education .....	82	5,045.1	5,410.5	4,342.4	5,136.5						
General administration, including executive,											
legislative, and judicial functions .....		2,865.3	2,823.4	3,128.9	2,917.8						

<sup>1</sup> 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.

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

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

<sup>4</sup> Prepared by the Office of Personnel Management. Data relate to

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

<sup>5</sup> Includes rural mail carriers.

- Data not available.

<sup>p</sup> = 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	July 1984	Aug. 1984	June 1985	July 1985	Aug. 1985
<b>Total</b> .....	41,401	41,574	43,917	43,202	43,384
<b>Total private</b> .....	34,185	34,415	35,842	35,756	36,004
<b>Goods-producing</b> .....	6,849	6,970	6,926	6,828	6,948
<b>Mining</b> .....	121	122	127	127	127
<b>Construction</b> .....	432	439	469	474	480
<b>Manufacturing</b> .....	6,296	6,409	6,330	6,227	6,341
<b>Durable goods</b> .....	3,042	3,075	3,065	3,011	3,030
Lumber and wood products .....	107	109	109	109	111
Furniture and fixtures .....	143	145	151	148	152
Stone, clay, and glass products .....	115	117	116	115	116
Primary metal industries .....	104	105	106	103	103
Fabricated metal products .....	323	327	328	320	325
Machinery, except electrical .....	492	492	481	471	464
Electrical and electronic equipment .....	949	959	929	910	913
Transportation equipment .....	333	334	362	362	361
Instruments and related products .....	306	307	312	309	310
Miscellaneous manufacturing .....	170	179	173	165	175
<b>Nondurable goods</b> .....	3,254	3,334	3,265	3,216	3,311
Food and kindred products .....	520	544	505	519	554
Tobacco manufactures .....	21	23	21	20	23
Textile mill products .....	351	356	335	326	335
Apparel and other textile products .....	928	963	934	895	931
Paper and allied products .....	163	165	168	167	168
Printing and publishing .....	572	574	600	600	601
Chemicals and allied products .....	286	287	289	288	288
Petroleum and coal products .....	31	30	29	29	28
Rubber and misc. plastics products .....	273	278	277	271	277
Leather and leather products .....	109	114	105	100	107
<b>Service-producing</b> .....	34,552	34,604	36,991	36,374	36,436
<b>Transportation and public utilities</b> .....	1,385	1,392	1,478	1,463	1,463
<b>Wholesale trade</b> .....	1,562	1,571	1,654	1,649	1,658
<b>Retail trade</b> .....	8,541	8,609	9,047	9,046	9,095
<b>Finance, insurance, and real estate</b> .....	3,465	3,474	3,637	3,661	3,678
<b>Services</b> .....	12,383	12,399	13,100	13,109	13,162
<b>Government</b> .....	7,216	7,159	8,075	7,446	7,380
Federal .....	994	989	1,024	1,031	1,027
State .....	1,562	1,570	1,686	1,644	1,653
Local .....	4,660	4,600	5,365	4,771	4,700

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									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>	Oct. <sup>P</sup>
<b>Total</b> .....	95,573	95,882	96,092	96,419	96,591	96,910	97,120	97,421	97,473	97,707	97,977	98,115	98,529
<b>Total private</b> .....	79,460	79,764	80,010	80,319	80,480	80,767	80,962	81,208	81,260	81,366	81,634	81,735	82,096
<b>Goods-producing</b> .....	24,918	24,955	25,045	25,112	25,062	25,056	25,090	25,066	25,010	24,980	25,015	24,955	25,045
<b>Mining</b> .....	979	978	973	974	976	977	982	982	974	969	965	960	958
Oil and gas extraction .....	623	626	624	621	620	618	623	624	619	619	615	614	610
<b>Construction</b> .....	4,403	4,424	4,469	4,534	4,525	4,553	4,641	4,658	4,638	4,660	4,688	4,723	4,755
General building contractors .....	1,171	1,179	1,190	1,219	1,214	1,223	1,233	1,234	1,223	1,228	1,242	1,252	1,269
<b>Manufacturing</b> .....	19,536	19,553	19,603	19,604	19,561	19,526	19,467	19,426	19,398	19,351	19,362	19,272	19,332
<b>Durable goods</b> .....	11,652	11,666	11,701	11,702	11,675	11,651	11,608	11,586	11,560	11,509	11,519	11,444	11,482
Lumber and wood products .....	708	709	711	709	704	701	694	697	694	697	700	702	712
Furniture and fixtures .....	491	495	497	499	498	499	497	493	494	494	499	495	499
Stone, clay, and glass products .....	597	598	601	602	600	601	600	599	598	599	601	598	600
Primary metal industries .....	851	848	844	844	840	832	823	819	815	806	798	794	801
Blast furnaces and basic steel products .....	320	318	316	315	313	311	306	305	304	302	289	291	293
Fabricated metal products .....	1,483	1,486	1,489	1,486	1,483	1,480	1,479	1,477	1,472	1,467	1,467	1,462	1,467
Machinery, except electrical .....	2,233	2,232	2,232	2,228	2,224	2,220	2,207	2,203	2,191	2,175	2,167	2,141	2,141
Electrical and electronic equipment .....	2,247	2,250	2,253	2,252	2,248	2,243	2,223	2,216	2,205	2,190	2,194	2,175	2,179
Transportation equipment .....	1,935	1,940	1,965	1,974	1,972	1,969	1,982	1,981	1,990	1,985	1,995	1,982	1,992
Motor vehicles and equipment .....	869	873	888	891	876	867	876	873	875	868	868	858	865
Instruments and related products .....	720	722	723	723	725	727	726	723	725	724	725	722	718
Miscellaneous manufacturing .....	387	386	386	385	381	379	377	378	376	372	373	373	373
<b>Nondurable goods</b> .....	7,884	7,887	7,902	7,902	7,886	7,875	7,859	7,840	7,838	7,842	7,843	7,828	7,850
Food and kindred products .....	1,617	1,620	1,630	1,633	1,633	1,638	1,630	1,634	1,644	1,630	1,638	1,634	1,641
Tobacco manufactures .....	66	65	66	67	66	66	66	66	66	65	64	65	65
Textile mill products .....	730	726	722	720	712	706	707	701	699	696	697	695	696
Apparel and other textile products .....	1,181	1,180	1,184	1,182	1,175	1,167	1,164	1,153	1,142	1,160	1,152	1,155	1,156
Paper and allied products .....	683	682	683	683	682	682	681	682	684	684	683	681	683
Printing and publishing .....	1,392	1,397	1,397	1,403	1,406	1,407	1,411	1,414	1,419	1,426	1,429	1,425	1,427
Chemicals and allied products .....	1,051	1,052	1,054	1,052	1,052	1,052	1,049	1,044	1,042	1,040	1,038	1,039	1,040
Petroleum and coal products .....	188	187	186	185	184	183	182	181	180	178	176	170	170
Rubber and misc. plastics products .....	792	796	799	798	799	798	795	791	789	787	792	790	798
Leather and leather products .....	184	182	181	179	177	176	174	174	173	176	174	174	174
<b>Service-producing</b> .....	70,655	70,927	71,047	71,307	71,529	71,854	72,030	72,355	72,463	72,727	72,962	73,160	73,484
<b>Transportation and public utilities</b> .....	5,223	5,229	5,246	5,259	5,272	5,269	5,278	5,301	5,295	5,302	5,282	5,319	5,315
Transportation .....	2,983	2,993	3,009	3,015	3,029	3,028	3,037	3,057	3,052	3,060	3,038	3,079	3,074
Communication and public utilities .....	2,240	2,236	2,237	2,244	2,243	2,241	2,241	2,244	2,243	2,242	2,244	2,240	2,241
<b>Wholesale trade</b> .....	5,636	5,647	5,665	5,686	5,697	5,714	5,733	5,748	5,768	5,773	5,791	5,802	5,830
Durable goods .....	3,321	3,334	3,347	3,358	3,367	3,377	3,388	3,402	3,414	3,426	3,434	3,440	3,452
Nondurable goods .....	2,315	2,313	2,318	2,328	2,330	2,337	2,345	2,346	2,354	2,347	2,357	2,362	2,378
<b>Retail trade</b> .....	16,859	16,994	17,026	17,090	17,160	17,249	17,280	17,392	17,425	17,453	17,514	17,537	17,618
General merchandise stores .....	2,311	2,357	2,323	2,341	2,343	2,349	2,348	2,371	2,361	2,344	2,354	2,362	2,374
Food stores .....	2,706	2,728	2,745	2,753	2,773	2,790	2,794	2,823	2,831	2,842	2,849	2,849	2,868
Automotive dealers and service stations .....	1,839	1,848	1,851	1,855	1,865	1,873	1,884	1,890	1,895	1,895	1,902	1,906	1,918
Eating and drinking places .....	5,493	5,512	5,535	5,559	5,588	5,615	5,642	5,660	5,692	5,728	5,725	5,739	5,758
<b>Finance, insurance, and real estate</b> .....	5,737	5,755	5,776	5,790	5,809	5,835	5,858	5,888	5,906	5,932	5,959	5,985	6,002
Finance .....	2,883	2,891	2,902	2,910	2,919	2,933	2,941	2,956	2,968	2,984	2,998	3,011	3,019
Insurance .....	1,770	1,774	1,780	1,783	1,789	1,792	1,799	1,808	1,814	1,817	1,827	1,830	1,834
Real estate .....	1,084	1,090	1,094	1,097	1,101	1,110	1,118	1,124	1,124	1,131	1,134	1,144	1,149
<b>Services</b> .....	21,087	21,184	21,252	21,382	21,480	21,644	21,723	21,813	21,856	21,926	22,073	22,137	22,286
Business services .....	4,205	4,234	4,259	4,295	4,324	4,377	4,402	4,424	4,441	4,446	4,489	4,503	4,538
Health services .....	6,125	6,139	6,154	6,169	6,186	6,204	6,218	6,240	6,243	6,260	6,291	6,305	6,338
<b>Government</b> .....	16,113	16,118	16,082	16,100	16,111	16,143	16,158	16,213	16,213	16,341	16,343	16,380	16,433
Federal .....	2,823	2,831	2,836	2,836	2,834	2,850	2,859	2,873	2,872	2,878	2,886	2,894	2,899
State .....	3,727	3,732	3,722	3,730	3,733	3,744	3,749	3,759	3,765	3,788	3,789	3,799	3,812
Local .....	9,563	9,555	9,524	9,534	9,544	9,549	9,550	9,581	9,576	9,675	9,668	9,687	9,722

<sup>P</sup> = 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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>Total</b> .....	42,263	42,449	42,631	42,832	42,919	43,089	43,220	43,390	43,493	43,681	43,720	43,912	44,093
<b>Total private</b> .....	34,354	34,503	34,672	34,869	34,975	35,118	35,234	35,388	35,477	35,628	35,686	35,778	35,944
<b>Goods-producing</b> .....	6,899	6,883	6,901	6,911	6,932	6,937	6,917	6,909	6,902	6,879	6,875	6,863	6,877
<b>Mining</b> .....	120	121	122	123	123	125	125	126	126	127	126	125	125
<b>Construction</b> .....	429	432	436	436	436	440	442	445	455	461	464	464	469
<b>Manufacturing</b> .....	6,350	6,330	6,343	6,352	6,373	6,372	6,350	6,338	6,321	6,291	6,285	6,274	6,283
<b>Durable goods</b> .....	3,076	3,071	3,082	3,088	3,097	3,098	3,085	3,080	3,064	3,050	3,042	3,026	3,032
Lumber and wood products .....	106	105	106	106	106	106	106	106	106	106	107	107	108
Furniture and fixtures .....	147	147	148	151	151	152	152	152	151	151	151	152	154
Stone, clay, and glass products .....	115	116	116	116	117	117	116	117	116	115	115	115	115
Primary metal industries .....	105	104	105	105	105	106	106	106	105	104	104	103	102
Fabricated metal products .....	327	327	329	330	332	331	329	328	327	327	326	324	325
Machinery, except electrical .....	494	493	496	494	494	494	493	491	487	482	478	471	466
Electrical and electronic equipment .....	962	959	958	958	958	958	949	944	934	928	922	915	916
Transportation equipment .....	337	337	340	343	348	350	351	352	356	356	359	361	364
Instruments and related products .....	307	308	309	310	311	310	310	311	311	310	309	309	310
Miscellaneous manufacturing .....	176	175	175	175	175	174	173	173	171	171	171	169	172
<b>Nondurable goods</b> .....	3,274	3,259	3,261	3,264	3,276	3,274	3,265	3,258	3,257	3,241	3,243	3,248	3,251
Food and kindred products .....	498	497	499	500	507	508	508	509	508	508	514	504	507
Tobacco manufactures .....	22	23	23	23	23	23	23	23	23	23	23	22	22
Textile mill products .....	354	351	348	346	345	344	340	337	336	334	333	331	332
Apparel and other textile products .....	960	949	947	946	949	948	943	938	936	924	918	930	928
Paper and allied products .....	162	161	162	163	163	163	163	163	164	164	166	166	166
Printing and publishing .....	576	579	581	583	584	587	589	591	594	596	599	602	603
Chemicals and allied products .....	284	284	285	286	288	287	286	286	287	286	286	286	285
Petroleum and coal products .....	30	29	29	29	30	29	29	29	29	29	29	28	28
Rubber and misc. plastics products .....	276	276	277	279	279	279	279	278	276	274	273	274	275
Leather and leather products .....	112	110	110	109	108	106	105	104	104	103	102	105	105
<b>Service-producing</b> .....	35,364	35,566	35,730	35,921	35,987	36,152	36,303	36,481	36,591	36,802	36,845	37,049	37,216
<b>Transportation and public utilities</b> .....	1,403	1,410	1,413	1,419	1,422	1,431	1,439	1,444	1,459	1,469	1,468	1,476	1,475
<b>Wholesale trade</b> .....	1,574	1,591	1,597	1,604	1,609	1,614	1,619	1,627	1,637	1,641	1,654	1,656	1,661
<b>Retail trade</b> .....	8,589	8,642	8,712	8,799	8,794	8,840	8,878	8,907	8,931	9,005	9,029	9,046	9,077
<b>Finance, insurance, and real estate</b> .....	3,450	3,461	3,476	3,491	3,510	3,527	3,540	3,564	3,579	3,600	3,612	3,628	3,652
<b>Services</b> .....	12,439	12,516	12,573	12,645	12,708	12,769	12,841	12,937	12,969	13,034	13,048	13,109	13,202
<b>Government</b> .....	7,909	7,946	7,959	7,963	7,944	7,971	7,986	8,002	8,016	8,053	8,034	8,134	8,149
Federal .....	974	981	984	987	990	992	992	996	1,000	1,005	1,004	1,007	1,012
State .....	1,683	1,687	1,683	1,685	1,685	1,702	1,710	1,719	1,724	1,735	1,749	1,766	1,772
Local .....	5,252	5,278	5,292	5,291	5,269	5,277	5,284	5,287	5,292	5,313	5,281	5,361	5,365

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 workers<sup>1</sup> on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted**

(In thousands)

Industry	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>p</sup>	Oct. <sup>p</sup>
<b>Total private</b> .....	64,375	64,629	64,830	65,058	65,177	65,376	65,571	65,735	65,766	65,869	66,110	66,174	66,498
<b>Goods-producing</b> .....	17,497	17,509	17,585	17,638	17,578	17,574	17,597	17,555	17,495	17,475	17,504	17,461	17,539
<b>Mining</b> .....	695	694	691	690	692	691	699	701	694	690	686	683	680
<b>Construction</b> .....	3,422	3,439	3,485	3,549	3,539	3,574	3,649	3,651	3,632	3,648	3,673	3,701	3,718
<b>Manufacturing</b> .....	13,380	13,376	13,409	13,399	13,347	13,309	13,249	13,203	13,169	13,137	13,145	13,077	13,141
<b>Durable goods</b> .....	7,835	7,832	7,855	7,843	7,806	7,776	7,730	7,704	7,671	7,630	7,638	7,578	7,618
Lumber and wood products .....	593	594	597	595	589	585	579	580	576	583	588	588	600
Furniture and fixtures .....	393	397	399	400	399	400	397	393	394	394	398	394	397
Stone, clay, and glass products .....	458	459	462	463	461	462	460	460	459	459	460	458	460
Primary metal industries .....	647	644	640	640	636	630	621	618	615	609	602	601	606
Blast furnaces and basic steel products .....	245	244	242	242	240	237	238	234	231	230	221	222	225
Fabricated metal products .....	1,096	1,099	1,102	1,099	1,097	1,094	1,093	1,091	1,086	1,082	1,082	1,080	1,086
Machinery, except electrical .....	1,359	1,354	1,353	1,346	1,340	1,335	1,325	1,323	1,314	1,303	1,298	1,283	1,286
Electrical and electronic equipment .....	1,376	1,374	1,371	1,366	1,357	1,345	1,322	1,313	1,303	1,290	1,288	1,273	1,281
Transportation equipment .....	1,232	1,230	1,251	1,257	1,251	1,251	1,264	1,260	1,260	1,253	1,260	1,245	1,249
Motor vehicles and equipment .....	669	672	687	691	677	671	682	678	678	671	675	659	666
Instruments and related products .....	399	400	400	399	400	399	397	394	394	391	392	389	385
Miscellaneous manufacturing .....	282	281	280	278	276	275	272	272	270	266	270	267	268
<b>Nondurable goods</b> .....	5,545	5,544	5,554	5,556	5,541	5,533	5,519	5,499	5,498	5,507	5,507	5,499	5,523
Food and kindred products .....	1,123	1,126	1,135	1,138	1,138	1,143	1,138	1,141	1,153	1,139	1,146	1,142	1,146
Tobacco manufactures .....	50	50	50	51	50	49	50	49	49	49	48	49	48
Textile mill products .....	630	626	623	622	614	610	611	605	603	602	601	600	602
Apparel and other textile products .....	998	996	1,000	998	992	986	983	970	962	978	970	974	975
Paper and allied products .....	513	513	514	515	514	515	513	516	516	516	517	516	519
Printing and publishing .....	768	770	768	773	775	777	778	780	782	788	790	787	787
Chemicals and allied products .....	582	581	581	580	580	579	578	575	575	574	574	574	578
Petroleum and coal products .....	112	112	111	111	111	110	109	108	108	108	108	104	106
Rubber and misc. plastics products .....	616	619	622	620	621	619	615	611	607	606	608	608	618
Leather and leather products .....	153	151	150	148	146	145	144	144	143	147	145	145	144
<b>Service-producing</b> .....	46,878	47,120	47,245	47,420	47,599	47,802	47,974	48,180	48,271	48,394	48,606	48,713	48,959
<b>Transportation and public utilities</b> .....	4,316	4,324	4,337	4,344	4,355	4,358	4,365	4,385	4,382	4,390	4,369	4,406	4,412
<b>Wholesale trade</b> .....	4,542	4,553	4,570	4,589	4,596	4,610	4,631	4,644	4,662	4,663	4,676	4,680	4,700
<b>Retail trade</b> .....	15,090	15,217	15,233	15,278	15,337	15,391	15,430	15,521	15,568	15,574	15,652	15,664	15,733
<b>Finance, insurance, and real estate</b> .....	4,259	4,270	4,284	4,298	4,309	4,328	4,343	4,364	4,381	4,400	4,416	4,436	4,448
<b>Services</b> .....	18,671	18,756	18,821	18,911	19,002	19,115	19,205	19,266	19,278	19,367	19,493	19,527	19,666

<sup>1</sup> 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.

<sup>p</sup> = 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 employment<sup>1</sup> 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	54.9	56.8	<sup>P</sup> 43.5	<sup>P</sup> 63.8		
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	49.7	50.5	<sup>P</sup> 48.9	<sup>P</sup> 52.4			
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	44.6	44.3	<sup>P</sup> 41.4	<sup>P</sup> 47.3					
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.....	50.8	48.4	<sup>P</sup> 48.9	<sup>P</sup> 46.8								

<sup>1</sup> 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.

<sup>P</sup> = 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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>
<b>Alabama</b> .....	1,390.8	1,396.4	1,398.6	14.8	15.2	15.4	67.9	69.5	69.6
Birmingham .....	356.8	359.4	362.7	7.7	7.9	7.9	19.5	21.3	20.9
Huntsville .....	107.6	111.0	111.5	.1	.1	.1	4.4	4.5	4.4
Mobile .....	152.2	154.5	153.3	1.1	1.0	1.0	10.8	12.2	11.9
Montgomery .....	114.4	115.6	114.9	.1	.1	.1	6.9	7.0	7.0
Tuscaloosa .....	53.2	53.7	55.2	2.6	2.9	2.9	2.5	2.9	3.0
<b>Alaska</b> .....	239.8	245.3	242.5	9.1	9.7	9.5	25.1	23.5	22.7
<b>Arizona</b> .....	1,195.2	1,238.0	1,262.9	12.9	11.2	11.2	99.5	110.5	109.9
Phoenix .....	779.7	811.8	825.5	.6	.6	.6	68.0	76.1	75.7
Tucson .....	214.9	223.9	230.3	3.1	2.4	2.4	18.7	21.8	21.5
<b>Arkansas</b> .....	800.8	793.8	808.5	5.8	5.5	5.4	37.6	38.7	39.1
Fayetteville-Springdale .....	43.0	42.3	43.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	2.0	1.9
Fort Smith .....	67.6	67.8	67.9	1.2	1.2	1.2	3.1	3.1	3.2
Little Rock-North Little Rock .....	217.8	215.8	218.6	.4	.4	.5	12.2	12.0	12.1
Pine Bluff .....	31.1	31.0	31.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.7	1.7
<b>California</b> .....	10,672.8	10,817.8	10,935.1	49.6	50.0	48.9	467.0	484.5	490.7
Anaheim-Santa Ana .....	967.0	991.9	997.1	4.2	4.3	4.2	46.7	51.0	51.3
Bakersfield .....	149.6	153.6	155.1	15.3	16.0	15.8	8.3	8.8	8.9
Fresno .....	189.7	188.1	191.2	1.2	1.1	1.1	11.5	11.5	11.4
Los Angeles-Long Beach .....	3,749.5	3,806.8	3,841.4	12.1	12.2	12.0	113.8	121.9	123.8
Modesto .....	94.9	96.8	96.7	.1	.1	.1	5.4	5.8	6.0
Oakland .....	741.2	761.6	772.6	2.0	2.0	2.0	43.2	45.8	46.8
Oxnard-Ventura .....	176.6	181.2	183.7	3.3	3.3	3.2	8.4	9.2	9.1
Riverside-San Bernardino .....	482.2	495.6	501.8	1.3	1.3	1.3	34.1	39.0	39.0
Sacramento .....	475.3	487.8	493.5	.8	.9	.9	26.0	28.2	28.6
Salinas-Seaside-Monterey .....	96.2	99.5	99.2	.3	.3	.3	3.5	3.8	3.9
San Diego .....	747.3	772.4	784.2	.6	.7	.6	44.3	49.2	50.1
San Francisco .....	911.8	915.9	923.0	2.5	2.5	2.3	31.3	33.5	34.0
San Jose .....	790.4	793.4	792.8	.2	.2	.2	32.3	33.4	33.9
Santa Barbara-Santa Maria-Lompoc .....	135.3	135.6	136.2	1.4	1.4	1.5	6.2	6.5	6.5
Santa Rosa-Petaluma .....	109.2	109.5	111.1	.7	.8	.8	7.4	7.4	7.5
Stockton .....	132.1	132.5	135.3	.1	.1	.1	7.0	7.6	7.7
Vallejo-Fairfield-Napa .....	110.6	111.8	113.8	.4	.4	.4	6.4	6.4	6.4
<b>Colorado</b> .....	1,395.7	1,412.5	1,421.0	35.8	33.5	33.7	93.4	92.9	92.1
Denver-Boulder .....	907.2	916.1	922.4	23.9	22.5	22.6	55.6	58.5	56.9
<b>Connecticut</b> .....	1,548.2	1,561.5	1,576.4	1.5	1.3	1.3	66.4	71.1	70.7
Bridgeport-Milford .....	191.1	187.5	191.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.7	6.9	6.9
Hartford .....	430.2	430.9	435.4	.2	.3	.3	15.5	16.3	16.1
New Britain .....	61.5	60.4	61.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	3.1	3.1
New Haven-Meriden .....	237.9	237.7	240.4	.3	.3	.3	11.2	11.8	12.0
Stamford .....	118.0	120.1	120.5	.7	.6	.6	4.7	4.8	4.9
Waterbury .....	86.0	85.7	85.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.7	3.6
<b>Delaware</b> .....	287.3	292.3	294.5	.1	.1	.1	18.1	18.6	18.5
Wilmington .....	250.6	250.4	254.3	.2	.2	.2	19.3	19.4	18.8
<b>District of Columbia</b> .....	609.0	641.3	621.9	.1	.1	.1	11.3	11.8	12.0
Washington MSA .....	1,809.8	1,902.6	1,888.1	1.0	1.1	1.1	98.4	110.4	112.2
<b>Florida</b> .....	4,227.3	4,395.1	4,411.3	10.3	10.2	10.2	332.2	336.7	335.0
Daytona Beach .....	93.4	96.3	97.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.7	7.1	7.1
Fort Lauderdale-Hollywood-Pompano Beach .....	403.4	408.0	411.4	.4	.4	.4	34.4	33.7	33.9
Fort Myers-Cape Coral .....	87.0	91.6	92.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.1	11.1	11.1
Gainesville .....	82.7	82.1	83.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.7	4.5
Jacksonville .....	345.1	354.7	359.9	.6	.6	.6	25.7	27.4	27.5
Lakeland-Winter Haven .....	129.9	126.1	126.6	4.9	4.9	4.7	8.8	9.1	9.5
Melbourne-Titusville-Palm Bay .....	128.2	129.7	129.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.5	8.0	8.2
Miami-Hialeah .....	770.1	776.7	781.4	.9	.9	.9	37.9	37.0	37.0
Orlando .....	386.4	395.3	396.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	31.9	29.8	29.0
Pensacola .....	116.2	115.5	117.3	.5	.4	.4	9.0	9.0	8.8
Sarasota .....	87.3	85.0	85.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.7	8.8	8.8
Tallahassee .....	90.4	93.0	94.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	5.0	4.9
Tampa-St. Petersburg-Clearwater .....	692.4	706.9	713.1	.7	.7	.7	58.4	59.1	58.5
West Palm Beach-Boca Raton-Delray Beach .....	263.6	273.1	277.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.4	25.3	25.7

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>
<b>Alabama</b> .....	358.3	350.6	350.0	72.5	73.0	73.0	296.3	295.1	295.3
Birmingham .....	53.9	54.4	54.4	29.7	30.0	29.7	86.3	86.9	87.4
Huntsville .....	30.3	31.3	31.3	2.4	2.4	2.3	21.0	22.3	22.5
Mobile .....	25.2	24.9	25.0	9.3	9.2	9.3	40.8	41.6	41.3
Montgomery .....	18.0	17.5	17.4	4.7	4.7	4.7	25.8	26.1	26.2
Tuscaloosa .....	8.2	8.3	8.3	1.9	1.9	1.9	11.0	11.2	11.4
<b>Alaska</b> .....	14.8	18.7	14.3	19.5	20.5	20.2	46.3	47.3	46.8
<b>Arizona</b> .....	177.3	183.5	183.3	60.8	63.2	63.2	288.2	298.6	302.9
Phoenix .....	128.4	131.9	131.3	39.4	41.9	41.8	195.8	202.0	205.3
Tucson .....	29.9	32.0	32.1	9.1	8.9	8.9	47.3	49.5	49.9
<b>Arkansas</b> .....	216.8	212.2	211.1	46.2	46.7	47.3	177.7	181.3	181.0
Fayetteville-Springdale .....	9.7	9.3	9.3	3.3	3.3	3.3	10.3	10.3	10.5
Fort Smith .....	23.0	23.9	23.2	3.3	3.5	3.4	15.2	14.9	14.8
Little Rock-North Little Rock .....	34.3	33.0	33.1	14.3	14.3	14.3	51.4	52.0	51.9
Pine Bluff .....	5.7	5.6	5.4	3.4	3.2	3.1	6.3	6.7	6.7
<b>California</b> .....	2,085.8	2,085.4	2,083.2	560.7	555.5	561.0	2,553.1	2,649.9	2,662.2
Anaheim-Santa Ana .....	235.1	233.8	233.5	31.6	32.8	33.0	240.5	255.1	252.8
Bakersfield .....	10.5	10.7	10.9	7.8	7.8	7.9	39.4	40.5	40.3
Fresno .....	23.0	22.7	23.4	10.0	9.9	9.9	48.4	47.8	47.7
Los Angeles-Long Beach .....	902.4	902.2	908.7	203.4	200.0	203.3	873.7	891.9	896.9
Modesto .....	23.7	26.0	23.7	4.7	4.5	4.7	23.5	23.4	23.8
Oakland .....	104.4	106.9	106.9	45.9	48.8	49.2	187.8	194.3	195.3
Oxnard-Ventura .....	27.3	26.7	26.9	7.1	7.4	7.8	44.7	46.5	46.8
Riverside-San Bernardino .....	61.1	63.0	63.0	28.4	28.4	28.4	123.8	129.4	129.7
Sacramento .....	36.0	37.0	36.9	24.0	23.2	23.3	116.9	120.3	120.7
Salinas-Seaside-Monterey .....	9.3	9.5	9.1	4.7	4.9	5.0	26.5	27.6	27.2
San Diego .....	117.0	120.6	120.5	30.7	30.7	30.9	177.5	187.9	188.8
San Francisco .....	86.6	85.3	84.9	86.7	84.0	83.8	204.7	210.0	211.6
San Jose .....	294.6	287.8	285.6	22.6	22.2	22.6	145.5	149.8	150.4
Santa Barbara-Santa Maria-Lompoc .....	24.6	23.2	23.3	5.5	5.4	5.4	31.2	31.8	31.9
Santa Rosa-Petaluma .....	18.1	18.0	18.1	5.1	5.1	5.1	27.8	28.7	28.8
Stockton .....	25.5	25.9	26.1	8.2	8.3	8.2	30.8	31.2	32.1
Vallejo-Fairfield-Napa .....	11.2	10.7	11.2	4.4	4.5	4.5	26.3	27.7	27.6
<b>Colorado</b> .....	195.7	193.5	192.7	85.6	88.8	88.5	344.2	349.4	350.5
Denver-Boulder .....	134.7	130.8	130.4	63.0	66.6	66.4	220.0	223.7	225.4
<b>Connecticut</b> .....	424.1	411.2	419.5	68.1	66.8	69.4	341.9	346.6	349.4
Bridgeport-Milford .....	65.6	63.0	64.1	7.5	7.1	7.4	42.4	42.1	43.0
Hartford .....	93.1	92.3	93.5	15.9	15.7	16.3	90.2	91.7	93.1
New Britain .....	24.0	22.6	22.8	3.2	3.1	3.2	11.4	11.5	11.7
New Haven-Meriden .....	49.3	48.7	48.9	18.2	17.9	18.4	54.4	55.9	56.8
Stamford .....	30.0	29.1	29.0	4.6	4.7	4.7	27.4	28.9	28.8
Waterbury .....	30.0	28.4	28.3	3.1	3.0	3.2	16.5	17.1	17.3
<b>Delaware</b> .....	72.3	67.5	70.3	11.9	11.5	12.1	65.6	68.2	67.7
Wilmington .....	64.4	58.1	61.2	11.7	11.4	11.7	51.8	53.0	53.4
<b>District of Columbia</b> .....	14.7	14.8	14.8	26.3	26.9	26.9	64.2	65.0	65.2
Washington MSA .....	77.9	79.4	79.2	84.6	90.5	90.3	362.9	377.3	376.7
<b>Florida</b> .....	505.9	514.1	515.6	242.7	249.7	249.7	1,109.9	1,162.6	1,161.4
Daytona Beach .....	10.8	10.8	10.8	3.3	3.5	3.5	26.7	27.9	27.9
Fort Lauderdale-Hollywood-Pompano Beach .....	44.8	44.2	44.3	20.7	20.5	20.6	115.4	118.1	117.3
Fort Myers-Cape Coral .....	4.1	4.5	4.5	4.3	4.4	4.5	24.8	27.5	27.6
Gainesville .....	5.6	5.1	5.1	1.7	1.7	1.7	17.8	16.8	16.9
Jacksonville .....	36.2	37.1	37.1	26.8	27.2	28.1	93.2	95.7	96.0
Lakeland-Winter Haven .....	21.7	21.6	21.8	5.8	5.6	5.6	32.5	32.8	33.3
Melbourne-Titusville-Palm Bay .....	26.3	25.8	25.9	5.3	5.4	5.4	27.7	29.1	28.9
Miami-Hialeah .....	96.9	95.8	95.7	70.9	70.8	70.7	199.5	200.4	200.6
Orlando .....	45.2	46.2	47.0	19.7	20.4	20.4	105.0	110.9	110.7
Pensacola .....	12.3	11.9	11.9	6.2	6.3	6.2	28.3	28.9	28.9
Sarasota .....	7.0	6.9	6.8	3.4	3.4	3.4	25.3	24.7	24.9
Tallahassee .....	3.8	3.8	3.8	2.8	2.9	2.9	19.2	19.1	19.1
Tampa-St. Petersburg-Clearwater .....	88.6	89.2	89.6	35.7	36.2	36.1	186.1	193.7	193.6
West Palm Beach-Boca Raton-Delray Beach .....	35.3	36.0	36.1	10.4	10.4	10.3	67.4	71.6	72.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>Alabama</b> .....	63.2	66.6	66.7	228.9	233.0	234.5	288.9	293.4	294.1
Birmingham .....	25.0	26.0	26.2	77.2	78.2	78.3	57.5	54.7	57.9
Huntsville .....	2.9	3.0	3.0	19.2	19.6	19.6	27.3	27.8	28.3
Mobile .....	7.5	7.5	7.4	31.3	31.9	31.7	26.2	26.2	25.7
Montgomery .....	6.6	6.8	6.7	22.6	22.7	22.9	29.7	30.7	29.9
Tuscaloosa .....	1.6	1.7	1.7	7.1	7.1	7.3	18.3	17.7	18.7
<b>Alaska</b> .....	12.7	13.5	13.2	45.0	46.4	45.4	67.3	65.7	70.4
<b>Arizona</b> .....	72.5	77.8	78.0	276.3	295.0	296.8	207.7	198.2	217.6
Phoenix .....	56.6	61.0	61.1	187.2	197.5	200.6	103.7	100.8	109.1
Tucson .....	10.2	10.8	10.8	50.7	56.1	56.2	45.9	42.4	48.5
<b>Arkansas</b> .....	36.3	38.4	38.1	136.3	137.2	138.2	144.1	133.8	148.3
Fayetteville-Springdale .....	1.6	1.6	1.6	6.1	5.9	6.0	10.3	9.9	10.4
Fort Smith .....	2.5	2.6	2.6	12.5	12.4	12.3	6.8	6.2	7.2
Little Rock-North Little Rock .....	14.8	15.4	15.3	45.8	46.3	46.4	44.6	42.4	45.0
Pine Bluff .....	1.5	1.6	1.6	5.6	5.5	5.6	7.2	6.7	7.5
<b>California</b> .....	703.5	716.4	716.8	2,568.4	2,648.7	2,662.1	1,684.7	1,627.4	1,710.2
Anaheim-Santa Ana .....	71.3	73.8	74.3	233.0	243.4	242.4	102.6	97.7	105.6
Bakersfield .....	5.7	5.8	5.8	28.3	28.9	29.0	34.3	35.1	36.5
Fresno .....	12.8	12.9	12.9	42.5	42.9	43.5	40.3	39.3	41.3
Los Angeles-Long Beach .....	252.1	258.7	258.7	947.7	986.3	990.7	444.3	433.6	447.3
Modesto .....	3.9	3.9	3.9	18.9	19.0	19.3	14.7	14.1	15.2
Oakland .....	44.0	45.3	45.7	164.6	172.6	174.9	149.3	145.9	151.8
Oxnard-Ventura .....	11.2	11.3	11.3	36.7	38.2	38.7	37.9	38.6	39.9
Riverside-San Bernardino .....	20.9	21.6	21.6	109.0	111.9	112.4	103.6	101.0	106.4
Sacramento .....	26.7	27.8	27.5	95.3	99.7	99.7	149.6	150.7	155.9
Salinas-Seaside-Monterey .....	4.8	4.8	4.8	23.0	23.9	23.9	24.1	24.7	25.0
San Diego .....	49.1	49.6	49.6	186.3	196.9	198.0	141.8	136.8	145.7
San Francisco .....	111.8	112.0	111.5	257.2	260.0	262.5	131.0	128.6	132.4
San Jose .....	31.0	32.0	31.9	189.0	190.7	189.8	75.2	77.3	78.4
Santa Barbara-Santa Maria-Lompoc .....	7.1	7.1	7.1	35.3	36.1	36.2	24.0	24.1	24.3
Santa Rosa-Petaluma .....	7.3	7.3	7.3	23.0	23.8	23.9	19.8	18.4	19.6
Stockton .....	6.9	6.3	6.3	26.1	26.1	27.0	27.5	27.0	27.8
Vallejo-Fairfield-Napa .....	4.0	4.1	4.1	23.2	23.9	24.3	34.7	34.1	35.3
<b>Colorado</b> .....	94.0	98.6	97.8	306.8	319.7	315.3	240.3	236.1	250.4
Denver-Boulder .....	67.4	69.5	68.8	207.8	214.5	212.6	134.9	130.0	139.3
<b>Connecticut</b> .....	124.4	128.8	127.8	340.8	355.7	354.8	181.0	180.0	183.5
Bridgeport-Milford .....	9.2	9.2	9.0	42.1	42.9	43.0	17.6	16.3	18.0
Hartford .....	68.8	64.7	64.4	92.6	97.2	97.2	53.9	52.7	54.5
New Britain .....	2.6	3.0	3.0	11.2	11.3	11.6	6.3	5.8	6.1
New Haven-Meriden .....	13.9	13.9	13.9	61.2	61.7	61.8	29.4	27.5	28.3
Stamford .....	9.5	9.8	9.8	30.9	32.7	32.4	10.2	9.5	10.3
Waterbury .....	3.8	3.9	3.9	19.0	19.8	19.4	10.0	9.8	9.9
<b>Delaware</b> .....	17.9	19.4	19.2	59.4	62.2	62.0	42.0	44.7	44.6
Wilmington .....	16.2	17.7	17.7	52.4	55.6	55.0	34.6	34.9	36.2
<b>District of Columbia</b> .....	35.7	36.4	36.3	205.7	210.0	210.5	251.0	276.3	256.1
Washington MSA .....	105.9	111.1	110.4	545.9	576.3	575.1	533.2	556.5	543.1
<b>Florida</b> .....	301.9	320.1	320.0	1,067.1	1,143.9	1,148.6	657.3	657.8	670.8
Daytona Beach .....	5.8	6.4	6.4	24.9	26.5	26.5	15.2	14.1	15.5
Fort Lauderdale-Hollywood-Pompano Beach .....	33.6	33.9	34.2	103.5	109.8	109.5	50.6	47.4	51.2
Fort Myers-Cape Coral .....	6.8	7.0	7.1	22.1	23.4	23.7	13.6	13.5	14.2
Gainesville .....	3.3	3.4	3.4	17.7	18.3	17.9	32.0	32.0	33.9
Jacksonville .....	31.2	32.8	32.8	79.1	84.0	84.3	52.3	49.9	53.5
Lakeland-Winter Haven .....	7.7	8.2	8.1	27.4	27.9	27.6	17.7	16.0	16.0
Melbourne-Titusville-Palm Bay .....	4.6	5.0	5.1	36.2	36.3	36.3	19.5	20.0	20.0
Miami-Hialeah .....	61.6	63.0	62.8	202.5	209.8	211.4	99.9	99.0	102.3
Orlando .....	25.0	26.0	26.1	112.8	116.7	114.1	46.8	45.3	49.4
Pensacola .....	5.1	5.3	5.3	28.2	28.7	28.6	26.6	25.0	27.2
Sarasota .....	7.3	7.2	7.1	23.8	23.6	23.5	10.7	10.3	11.1
Tallahassee .....	4.4	4.4	4.4	17.8	17.9	17.9	37.6	39.6	40.8
Tampa-St. Petersburg-Clearwater .....	53.2	56.1	56.4	180.3	185.8	186.1	89.4	86.1	92.1
West Palm Beach-Boca Raton-Delray Beach .....	21.1	21.5	21.7	70.6	75.2	75.4	33.3	33.0	35.5

See footnotes at end of table.



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

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

(In thousands)

State and area	Total			Mining			Construction		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>
<b>Georgia</b> .....	2,507.8	2,611.6	2,617.1	7.9	7.9	7.9	141.5	156.1	156.5
Albany .....	48.1	47.5	47.3	.1	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.4	2.5
Athens .....	56.0	57.5	56.7	( <sup>1</sup> )	.1	.1	1.6	1.9	2.1
Atlanta .....	1,226.0	1,290.3	1,292.9	1.2	1.3	1.2	68.4	80.2	79.5
Augusta .....	135.2	140.0	138.9	.4	.5	.5	7.2	7.5	7.2
Columbus .....	88.4	87.2	87.6	.1	.1	.1	5.4	5.4	5.3
Macon-Warner Robins .....	110.2	110.3	111.8	.2	.2	.2	5.1	4.8	4.8
Savannah .....	93.8	93.8	95.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.8	5.9	6.0
<b>Hawaii</b> .....	403.8	421.5	415.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.3	18.5	18.6
Honolulu .....	326.7	340.2	335.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.5	15.7	15.6
<b>Idaho</b> .....	331.8	335.3	342.2	4.2	4.0	4.0	13.9	16.7	16.6
Boise City .....	83.7	85.8	85.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.5	5.4	5.4
<b>Illinois</b> .....	4,660.6	4,701.8	4,707.1	25.4	26.3	26.4	168.0	183.6	185.3
Aurora-Elgin .....	123.3	125.9	125.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	4.6	4.4
Bloomington-Normal .....	51.6	50.4	52.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.4	1.5
Champaign-Urbana-Rantoul .....	74.8	71.0	76.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.9	1.7
Chicago .....	2,797.1	2,849.7	2,838.8	2.3	2.3	2.3	99.8	104.3	104.4
Davenport-Rock Island-Moline .....	145.1	144.5	145.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	5.2	5.2
Decatur .....	49.4	49.3	49.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.7	1.7
Joliet .....	90.2	92.9	94.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	4.7	4.6
Kankakee .....	31.0	31.2	31.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.2	1.1
Lake County .....	169.0	175.6	177.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.6	6.4	6.5
Peoria .....	129.7	126.7	127.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.6	6.0	6.3
Rockford .....	113.1	115.7	116.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	3.7	3.9
Springfield .....	86.8	92.7	87.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.0	3.0
<b>Indiana</b> .....	2,181.7	2,216.6	2,249.4	10.8	10.7	10.7	91.7	109.6	109.5
Anderson .....	48.6	47.1	48.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.5	1.5
Elkhart-Goshen .....	89.6	90.5	90.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.7	2.6
Evansville .....	121.1	123.3	124.0	2.9	2.8	2.8	7.0	7.6	7.4
Fort Wayne .....	161.7	165.1	166.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.0	8.0	8.0
Gary-Hammond .....	215.1	215.3	215.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.2	11.7	11.8
Indianapolis .....	544.9	557.0	561.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.0	28.3	27.9
Lafayette .....	60.7	55.9	61.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.8	1.8
Muncie .....	47.5	46.0	48.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.8	1.8
South Bend-Mishawaka .....	103.8	103.6	106.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.9	4.8
Terre Haute .....	52.7	52.1	54.0	.4	.4	.4	2.2	2.3	2.2
<b>Iowa</b> .....	1,072.2	1,052.1	1,063.6	2.3	2.1	2.1	43.5	41.3	40.3
Cedar Rapids .....	77.2	76.4	78.5	.2	.1	.1	2.8	3.1	2.9
Des Moines .....	187.1	189.1	188.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.5	8.1	8.3
Dubuque .....	40.1	39.5	40.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.4	1.4
Iowa City .....	49.8	46.7	50.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.7	1.6
Sioux City .....	48.1	48.3	48.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	2.2	2.2
Waterloo-Cedar Falls .....	63.6	58.0	59.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.0	2.9
<b>Kansas</b> .....	972.5	972.8	989.5	18.1	17.1	17.0	45.1	47.0	46.5
Lawrence .....	28.7	27.7	30.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.0	1.3	1.3
Topeka .....	82.6	83.2	83.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.1	3.0
Wichita .....	202.6	203.5	205.0	3.4	3.2	3.2	9.7	10.3	10.2
<b>Kentucky</b> .....	1,221.9	1,249.6	1,251.2	47.2	45.2	44.9	54.7	59.0	58.3
Lexington-Fayette .....	158.9	159.8	160.8	.7	.9	.9	9.3	10.0	9.7
Louisville .....	402.9	410.7	408.4	.8	.8	.8	19.4	20.1	20.4
Owensboro .....	32.3	31.4	31.6	1.1	1.2	1.2	1.9	1.7	1.6
<b>Louisiana</b> .....	1,609.3	1,578.5	1,593.0	81.4	79.1	79.2	122.8	113.1	113.0
Alexandria .....	45.3	45.0	45.6	.3	.3	.3	3.0	3.1	3.1
Baton Rouge .....	218.1	215.9	220.0	1.2	1.2	1.3	23.0	24.5	25.2
Houma-Thibodaux .....	62.2	60.5	61.1	8.0	8.6	8.6	3.4	3.1	2.9
Lafayette .....	98.5	96.3	95.8	17.2	15.6	15.6	5.6	5.6	5.6
Lake Charles .....	60.4	57.9	58.3	2.1	2.1	2.0	4.3	3.7	3.5
Monroe .....	53.4	53.3	54.8	.7	.7	.7	3.0	3.3	3.3
New Orleans .....	548.9	531.4	529.1	20.0	20.0	19.7	35.9	31.5	31.2
Shreveport .....	145.3	142.0	143.0	5.4	4.5	4.5	9.1	10.0	9.9
<b>Maine</b> .....	457.3	469.9	464.5	.2	.2	.2	21.6	24.7	25.2
Lewiston-Auburn .....	36.6	36.9	37.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.8	1.8
Portland .....	103.9	106.7	106.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.5	6.2	6.3

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>
<b>Georgia</b> .....	554.7	546.3	546.9	157.6	163.0	163.3	626.8	677.2	676.8
Albany .....	10.5	10.5	10.4	2.5	2.4	2.4	11.2	11.6	11.6
Athens .....	15.6	15.5	15.5	1.6	1.7	1.7	12.4	12.3	12.5
Atlanta .....	178.1	177.0	176.6	101.5	105.7	106.1	347.8	367.3	367.4
Augusta .....	35.7	36.5	36.5	4.3	4.4	4.4	27.8	28.5	28.7
Columbus .....	22.3	19.9	20.3	3.3	3.5	3.5	19.2	19.1	19.1
Macon-Warner Robins .....	19.7	19.1	19.0	4.4	4.6	4.6	22.9	23.7	23.7
Savannah .....	16.0	15.9	16.0	10.1	10.6	10.2	22.2	22.9	23.0
<b>Hawaii</b> .....	21.4	21.7	21.2	32.0	32.6	32.6	110.3	113.5	112.1
Honolulu .....	15.4	15.5	15.3	26.4	27.0	27.0	88.8	89.9	88.8
<b>Idaho</b> .....	56.1	54.4	55.9	19.4	18.9	19.2	83.3	86.4	86.4
Boise City .....	10.6	10.9	10.9	5.4	5.5	5.6	21.4	22.5	22.1
<b>Illinois</b> .....	989.1	952.4	950.7	276.3	276.9	278.5	1,151.9	1,166.0	1,171.1
Aurora-Elgin .....	37.7	35.9	35.9	3.2	3.2	3.3	33.5	33.6	33.5
Bloomington-Normal .....	5.4	5.0	5.0	3.2	3.1	3.1	12.4	12.4	12.4
Champaign-Urbana-Rantoul .....	7.0	7.2	7.2	2.5	2.4	2.4	18.3	18.4	18.5
Chicago .....	597.5	580.7	581.4	173.1	173.2	174.2	671.6	692.6	694.4
Davenport-Rock Island-Moline .....	32.2	30.8	31.3	8.0	8.1	8.1	39.0	38.9	38.8
Decatur .....	15.7	14.9	15.0	3.9	3.8	3.9	10.7	11.2	11.1
Joliet .....	20.4	21.1	21.1	8.8	8.9	8.9	20.5	21.9	21.8
Kankakee .....	5.5	5.3	5.3	1.1	1.2	1.2	7.6	7.6	7.7
Lake County .....	41.0	40.8	40.7	4.9	5.0	5.3	42.3	41.8	41.7
Peoria .....	34.6	30.3	30.6	6.6	6.6	6.6	31.7	31.4	31.7
Rockford .....	45.1	44.8	44.7	4.4	4.1	4.3	24.8	24.9	24.8
Springfield .....	5.0	3.8	3.8	4.1	4.2	4.2	17.7	19.7	17.7
<b>Indiana</b> .....	626.7	620.3	623.2	107.5	110.5	110.0	507.0	527.6	530.5
Anderson .....	20.0	18.6	19.6	1.2	1.2	1.2	10.4	10.3	10.4
Elkhart-Goshen .....	48.9	49.2	48.7	2.8	2.9	2.8	16.7	17.3	17.2
Evansville .....	31.7	32.0	32.2	6.5	6.7	6.7	30.3	30.9	31.1
Fort Wayne .....	46.7	46.3	46.2	10.5	11.1	11.0	38.8	40.8	40.9
Gary-Hammond .....	61.8	60.6	60.1	13.4	13.6	13.6	50.0	50.7	50.4
Indianapolis .....	112.8	107.0	107.9	31.8	32.7	32.7	138.6	144.2	144.4
Lafayette .....	11.6	11.3	11.2	1.9	1.9	1.8	12.1	12.4	12.7
Muncie .....	11.4	11.1	11.0	2.0	2.0	2.1	11.6	11.8	11.9
South Bend-Mishawaka .....	25.4	25.1	25.4	4.4	4.5	4.5	27.4	28.1	28.2
Terre Haute .....	10.5	10.8	10.9	2.7	2.7	2.7	14.7	15.1	15.1
<b>Iowa</b> .....	212.0	207.4	206.5	51.2	51.2	51.1	271.6	268.0	266.7
Cedar Rapids .....	21.0	21.4	21.5	3.6	3.8	3.7	19.2	18.8	18.7
Des Moines .....	23.7	22.5	22.1	11.1	11.8	11.7	49.1	49.6	49.2
Dubuque .....	12.0	12.2	12.1	1.8	1.7	1.7	8.7	9.0	8.9
Iowa City .....	3.9	4.1	4.1	1.2	1.0	1.2	9.0	8.7	9.0
Sioux City .....	9.7	10.3	10.1	3.3	3.2	3.2	12.5	12.2	12.0
Waterloo-Cedar Falls .....	16.6	13.5	12.8	2.1	2.1	2.2	14.3	14.0	13.9
<b>Kansas</b> .....	179.0	175.0	177.0	64.5	63.7	63.5	241.9	249.5	249.1
Lawrence .....	4.4	4.3	4.3	1.2	1.2	1.2	6.2	6.0	6.3
Topeka .....	9.4	9.5	9.2	7.6	7.4	7.4	19.1	19.9	19.9
Wichita .....	55.9	56.7	56.1	10.4	10.4	10.5	47.8	49.1	49.2
<b>Kentucky</b> .....	259.9	256.9	255.9	66.2	68.7	68.7	283.0	297.4	294.3
Lexington-Fayette .....	29.1	29.4	29.2	7.5	7.6	7.6	36.5	36.1	36.6
Louisville .....	90.4	86.1	86.3	23.8	22.9	22.7	99.9	104.5	103.9
Owensboro .....	6.5	6.1	6.1	2.3	2.2	2.2	8.0	7.8	7.8
<b>Louisiana</b> .....	185.0	176.8	175.1	118.7	114.3	114.2	382.3	381.8	381.6
Alexandria .....	3.4	3.6	3.6	2.3	2.3	2.3	11.3	11.5	11.4
Baton Rouge .....	21.6	20.9	20.6	10.3	10.8	10.7	53.6	53.0	52.7
Houma-Thibodaux .....	5.5	6.2	6.3	7.5	6.9	7.0	15.2	14.3	14.2
Lafayette .....	6.2	5.7	5.7	7.1	7.1	7.1	26.1	25.3	25.4
Lake Charles .....	9.7	9.3	9.5	4.5	4.3	4.5	14.9	14.3	14.4
Monroe .....	7.1	7.0	7.0	2.7	2.8	2.7	15.5	16.6	17.0
New Orleans .....	48.5	46.5	46.7	47.0	45.0	44.7	143.0	140.2	140.1
Shreveport .....	23.1	21.1	19.9	8.9	8.1	7.9	34.0	35.5	35.3
<b>Maine</b> .....	111.4	105.1	103.0	20.0	20.3	20.2	108.3	115.5	111.8
Lewiston-Auburn .....	11.3	10.8	10.7	1.3	1.4	1.4	8.5	8.8	8.8
Portland .....	16.5	15.6	15.5	5.8	5.9	5.8	30.5	31.1	30.9

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	Finance, insurance, and real estate			Services			Government		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>Georgia</b> .....	131.6	138.0	137.5	454.5	487.3	488.4	433.1	435.9	439.8
Albany .....	2.3	2.4	2.3	7.0	7.1	7.1	12.1	11.1	11.1
Athens .....	1.7	1.8	1.8	8.3	8.3	8.2	14.7	15.8	14.9
Atlanta .....	83.4	88.9	88.2	271.4	295.7	298.3	174.1	174.3	175.6
Augusta .....	5.0	5.6	5.6	22.2	23.1	22.8	32.7	33.9	33.2
Columbus .....	5.9	6.2	6.1	13.3	13.0	13.0	18.9	20.0	20.1
Macon-Warner Robins .....	6.7	6.9	6.8	19.1	18.6	19.4	32.2	32.5	33.3
Savannah .....	4.1	4.1	4.1	18.9	18.8	18.7	16.7	15.5	17.0
<b>Hawaii</b> .....	31.6	32.3	32.2	107.9	109.2	109.4	85.3	93.7	89.1
Honolulu .....	27.1	27.7	27.5	85.0	85.7	86.0	71.5	78.7	74.8
<b>Idaho</b> .....	23.7	23.9	23.8	62.6	65.7	66.1	68.6	65.3	70.2
Boise City .....	8.2	8.2	8.2	17.0	17.6	17.3	15.6	15.7	16.1
<b>Illinois</b> .....	319.1	329.0	326.2	1,054.9	1,099.7	1,090.7	675.9	667.9	678.2
Aurora-Elgin .....	6.5	6.5	6.4	24.5	28.0	27.7	14.1	14.0	14.4
Bloomington-Normal .....	8.5	8.7	8.7	9.7	10.2	10.2	11.1	9.6	11.2
Champaign-Urbana-Rantoul .....	2.5	2.6	2.6	12.5	13.1	13.1	30.3	25.4	30.8
Chicago .....	229.8	237.3	235.3	692.2	716.8	705.4	330.8	342.5	341.4
Davenport-Rock Island-Moline .....	7.2	7.4	7.3	26.8	27.2	27.4	26.9	26.9	27.3
Decatur .....	2.7	2.7	2.6	9.0	9.6	9.6	5.5	5.3	5.6
Joliet .....	3.6	3.7	3.7	17.0	18.9	18.8	14.7	13.4	15.0
Kankakee .....	1.4	1.5	1.5	6.9	7.7	7.7	7.2	6.7	6.7
Lake County .....	6.8	7.0	6.9	38.4	43.6	43.9	28.3	30.3	31.5
Peoria .....	6.4	6.5	6.5	28.7	30.4	30.0	15.7	15.5	15.9
Rockford .....	4.4	4.6	4.6	21.0	22.3	22.3	9.8	11.3	11.8
Springfield .....	7.6	7.7	7.7	19.2	22.2	20.2	30.3	32.0	31.0
<b>Indiana</b> .....	104.8	108.8	107.7	397.7	416.6	419.9	335.7	312.4	337.9
Anderson .....	1.6	1.7	1.6	8.6	8.4	8.7	5.5	5.4	5.5
Elkhart-Goshen .....	2.2	2.3	2.3	11.5	11.6	11.8	5.1	4.5	5.2
Evansville .....	4.6	4.7	4.7	26.9	27.5	27.4	11.2	11.1	11.7
Fort Wayne .....	10.7	10.9	10.9	31.5	31.8	32.2	16.4	16.1	16.7
Gary-Hammond .....	7.7	7.8	7.7	42.0	41.1	41.7	28.9	29.7	30.1
Indianapolis .....	40.3	41.4	40.9	112.1	118.3	118.6	83.4	84.2	87.9
Lafayette .....	2.7	2.8	2.8	10.2	10.3	10.4	20.3	15.3	20.7
Muncie .....	1.5	1.6	1.6	8.7	9.3	9.3	10.7	8.4	10.3
South Bend-Mishawaka .....	4.9	5.2	5.2	26.8	26.1	27.6	10.4	9.7	10.6
Terre Haute .....	1.7	1.8	1.8	10.4	10.3	10.7	10.1	8.7	10.2
<b>Iowa</b> .....	61.7	63.6	63.0	226.4	224.0	228.3	203.4	194.4	205.7
Cedar Rapids .....	4.6	4.8	4.7	15.8	16.1	16.2	10.0	8.2	10.6
Des Moines .....	23.6	24.4	24.3	44.1	44.9	45.2	27.9	27.8	27.8
Dubuque .....	1.4	1.5	1.4	11.2	10.8	11.6	3.6	3.0	3.4
Iowa City .....	1.3	1.3	1.3	6.6	6.3	6.6	25.8	23.5	26.4
Sioux City .....	2.6	2.6	2.6	12.2	11.9	12.0	6.1	5.9	6.2
Waterloo-Cedar Falls .....	3.1	3.2	3.1	13.1	12.3	13.0	11.7	10.0	11.5
<b>Kansas</b> .....	52.1	53.1	52.6	186.1	193.8	194.9	185.7	173.6	188.9
Lawrence .....	.9	1.0	1.0	4.7	4.7	5.0	10.3	9.2	11.0
Topeka .....	5.9	5.9	5.8	18.2	18.7	18.7	19.2	18.6	19.4
Wichita .....	10.0	10.3	10.1	40.8	41.9	42.0	24.6	21.6	23.7
<b>Kentucky</b> .....	55.7	58.7	57.8	234.2	242.8	242.5	221.0	220.9	228.8
Lexington-Fayette .....	7.8	8.4	8.4	35.1	35.2	35.9	32.9	32.2	32.5
Louisville .....	25.5	26.2	26.1	87.6	91.1	91.2	55.7	59.0	57.1
Owensboro .....	1.2	1.2	1.2	6.6	6.7	6.7	4.7	4.5	4.8
<b>Louisiana</b> .....	83.2	84.5	84.3	314.9	314.4	320.0	321.0	314.5	325.6
Alexandria .....	2.5	2.5	2.5	9.8	9.5	9.7	12.7	12.2	12.7
Baton Rouge .....	13.2	13.6	13.5	40.4	40.6	40.4	54.8	51.3	55.6
Houma-Thibodaux .....	2.5	2.4	2.4	9.3	8.9	8.8	10.8	10.1	10.9
Lafayette .....	4.0	4.0	4.0	19.3	19.4	19.3	13.0	13.6	13.1
Lake Charles .....	2.8	2.7	2.7	11.0	10.7	10.8	11.1	10.8	10.9
Monroe .....	4.1	4.3	4.3	10.7	10.5	10.4	9.6	8.1	9.4
New Orleans .....	32.8	31.7	31.5	132.1	126.2	128.0	89.6	90.3	87.2
Shreveport .....	8.0	7.9	7.9	32.0	32.3	32.2	24.8	22.6	25.4
<b>Maine</b> .....	20.1	21.1	20.9	93.5	104.0	97.9	82.2	79.0	85.3
Lewiston-Auburn .....	1.7	1.8	1.8	8.7	9.1	9.4	3.4	3.2	3.5
Portland .....	9.0	9.4	9.4	23.9	25.6	24.8	13.0	12.9	13.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>Maryland</b> .....	1,812.8	1,893.5	1,896.2	1.7	1.7	1.6	121.9	140.8	143.2
Baltimore MSA .....	974.3	990.2	988.2	.2	.2	.2	54.3	57.3	57.4
Baltimore City .....	434.5	437.0	436.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.1	17.8	18.1
Suburban Maryland-D.C. ....	621.9	649.4	653.9	.4	.5	.5	48.6	54.5	55.5
<b>Massachusetts</b> .....	2,892.0	2,991.8	3,009.9	1.2	1.2	1.2	106.4	120.3	118.7
Boston .....	1,641.7	1,726.8	1,754.6	.5	.6	.6	56.4	64.1	63.7
Brockton .....	66.4	69.1	70.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	3.6	3.7
Fall River .....	54.6	55.8	56.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	2.0	2.0
Fitchburg-Leominster .....	38.5	38.6	39.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	2.0	1.8
Lawrence-Haverhill .....	148.5	159.4	161.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.8	11.1	10.9
Lowell .....	100.3	102.5	104.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	5.4	5.5
New Bedford .....	67.7	70.0	70.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.4	2.3
Pittsfield .....	40.1	42.1	41.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.7	1.7
Springfield .....	227.9	233.8	237.8	.2	.2	.2	6.9	7.6	7.6
Worcester .....	177.6	181.5	185.0	.2	.1	.1	6.8	7.9	7.9
<b>Michigan</b> .....	3,390.9	3,442.5	3,483.0	9.7	9.7	8.7	97.6	105.5	106.3
Ann Arbor .....	145.3	143.1	144.6	.2	( <sup>1</sup> )	( <sup>1</sup> )	3.4	5.0	4.8
Battle Creek .....	53.8	54.1	54.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	2.0	2.0
Benton Harbor .....	57.8	59.2	59.5	.1	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.5	1.5
Detroit .....	1,689.1	1,720.2	1,744.3	.8	.7	.7	50.2	55.0	55.0
Flint .....	171.2	168.8	172.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.5	4.6
Grand Rapids .....	283.4	285.4	289.2	.4	( <sup>1</sup> )	( <sup>1</sup> )	10.8	11.0	11.1
Jackson .....	47.8	47.4	47.5	.4	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.4	1.4
Kalamazoo .....	95.9	95.4	98.2	.1	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.6	3.7
Lansing-East Lansing .....	178.7	182.1	183.6	.4	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.8	5.0
Muskegon .....	54.8	55.6	55.9	.1	( <sup>1</sup> )	( <sup>1</sup> )	1.8	2.0	1.8
Saginaw-Bay City-Midland .....	145.7	147.9	149.2	.3	( <sup>1</sup> )	( <sup>1</sup> )	5.5	6.1	6.3
<b>Minnesota</b> .....	1,868.1	1,891.2	1,907.0	9.3	9.5	9.4	81.3	86.0	85.3
Duluth .....	86.2	84.9	85.9	4.7	5.5	5.4	3.5	3.2	3.2
Minneapolis-St. Paul .....	1,193.3	1,219.3	1,224.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	52.3	54.6	54.7
Rochester .....	54.9	57.0	57.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	2.3	2.3
St. Cloud .....	60.4	59.1	62.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.7	3.7
<b>Mississippi</b> .....	836.4	834.5	852.2	9.2	9.0	8.9	39.6	42.1	42.0
Jackson .....	164.2	164.4	167.0	1.8	1.8	1.8	8.5	9.3	9.3
<b>Missouri</b> .....	2,040.7	2,031.3	2,049.8	6.0	6.5	6.6	88.3	88.0	86.7
Kansas City .....	674.8	675.3	680.0	.7	.8	.8	29.8	31.2	30.5
St. Joseph .....	35.6	34.3	34.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.7	1.6
St. Louis .....	1,054.2	1,053.7	1,065.9	3.8	3.7	3.7	54.0	52.3	52.2
Springfield .....	97.1	94.8	97.6	.1	.1	.1	3.7	4.3	4.3
<b>Montana</b> .....	286.5	279.9	280.8	7.7	7.0	7.0	14.3	14.3	13.4
<b>Nebraska</b> .....	637.7	641.8	648.4	1.7	1.8	1.7	27.2	25.9	25.6
Lincoln .....	101.1	101.4	103.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	4.2	4.1
Omaha .....	280.7	284.0	286.1	.3	.3	.3	12.2	13.1	12.8
<b>Nevada</b> .....	437.4	448.6	451.7	7.0	7.0	6.9	23.3	26.2	25.9
Las Vegas .....	243.1	250.2	252.6	.4	.3	.3	13.6	15.6	15.4
Reno .....	122.4	124.1	125.3	.8	.8	.8	6.1	6.6	6.6
<b>New Hampshire</b> .....	455.8	485.2	484.7	.5	.7	.7	26.7	35.6	35.5
Manchester .....	77.1	79.4	79.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	5.0	4.9
Nashua .....	81.5	83.8	84.1	.1	.2	.2	3.6	4.1	4.1
<b>New Jersey</b> .....	3,384.5	3,503.8	3,481.7	2.3	2.3	2.3	143.1	161.2	159.3
Atlantic City .....	158.8	177.4	166.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.2	7.6	7.4
Bergen-Passaic .....	630.2	642.6	643.7	( <sup>1</sup> )	.1	.1	25.0	25.7	25.6
Camden .....	381.1	391.9	391.8	.1	.1	.1	17.3	19.4	19.4
Jersey City .....	229.1	230.8	231.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.3	6.4	6.4
Middlesex-Somerset-Hunterdon .....	454.5	471.2	472.3	( <sup>1</sup> )	.6	.6	19.2	22.5	22.1
Monmouth-Ocean .....	280.4	314.4	303.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.5	21.0	20.9
Newark .....	920.4	945.8	934.2	.7	.7	.7	33.9	35.4	35.7
Trenton .....	171.6	172.9	174.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	4.4	4.2
Vineland-Millville-Bridgeton .....	52.1	52.2	51.8	( <sup>1</sup> )	.3	.3	1.9	2.1	2.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>
<b>Maryland</b> .....	218.4	213.3	212.0	91.7	90.9	92.0	454.9	476.8	474.4
Baltimore MSA .....	140.6	136.9	135.7	58.8	56.3	56.9	235.5	240.1	239.7
Baltimore City .....	53.6	52.3	52.0	34.0	31.9	32.1	91.9	91.1	90.7
Suburban Maryland-D.C. ....	33.7	32.5	32.6	18.6	20.0	20.1	168.7	173.1	173.2
<b>Massachusetts</b> .....	683.5	676.6	677.0	125.8	126.5	130.0	676.9	719.2	724.0
Boston .....	332.1	349.2	351.5	76.7	78.1	79.5	366.9	389.7	395.7
Brockton .....	12.8	12.9	12.9	4.3	4.3	4.3	19.2	20.1	20.5
Fall River .....	19.9	20.1	20.2	1.8	1.7	1.8	12.7	13.5	13.6
Fitchburg-Leominster .....	14.0	12.9	13.2	1.3	1.3	1.5	9.1	9.3	9.7
Lawrence-Haverhill .....	54.8	58.0	58.8	5.9	5.9	6.2	30.2	32.3	32.5
Lowell .....	41.7	41.3	41.3	3.3	3.0	3.4	20.0	20.4	21.1
New Bedford .....	25.1	25.5	25.7	2.4	2.4	2.5	15.0	15.9	16.1
Pittsfield .....	12.1	12.4	12.4	1.0	.8	.9	9.8	10.8	10.7
Springfield .....	56.7	55.9	56.2	8.9	8.8	9.3	52.7	55.4	56.4
Worcester .....	48.6	49.7	49.9	7.8	7.2	7.5	42.0	42.6	42.6
<b>Michigan</b> .....	965.5	949.7	968.2	138.6	135.3	140.5	752.8	789.8	788.7
Ann Arbor .....	37.8	35.3	35.6	3.5	3.8	4.0	22.1	22.4	23.3
Battle Creek .....	14.9	14.8	14.7	2.0	2.0	1.9	9.2	9.4	9.3
Benton Harbor .....	19.9	20.1	20.0	2.5	2.5	2.5	11.8	12.2	12.2
Detroit .....	469.4	456.7	468.5	74.7	72.6	75.6	391.7	406.9	408.0
Flint .....	67.5	63.0	67.2	4.7	4.2	4.3	39.4	41.4	41.2
Grand Rapids .....	95.0	97.6	97.7	10.8	10.9	11.0	68.9	68.8	70.1
Jackson .....	12.3	12.4	12.4	4.7	4.1	4.1	9.9	10.1	10.0
Kalamazoo .....	28.3	29.3	29.4	2.9	2.9	2.8	21.3	21.1	21.4
Lansing-East Lansing .....	36.7	37.7	38.2	5.2	5.3	5.3	35.3	34.8	35.2
Muskegon .....	19.0	19.3	19.4	2.9	2.8	2.8	11.0	11.4	11.3
Saginaw-Bay City-Midland .....	46.1	46.0	46.2	7.1	7.0	7.0	31.9	33.8	33.7
<b>Minnesota</b> .....	388.5	386.1	383.7	98.2	98.9	101.2	473.7	482.9	483.3
Duluth .....	6.3	6.7	6.7	6.5	6.5	6.5	22.0	21.3	21.3
Minneapolis-St. Paul .....	262.6	260.9	259.2	67.3	66.9	68.8	297.4	302.8	303.4
Rochester .....	11.3	11.6	11.6	1.9	2.0	1.9	11.0	12.4	12.4
St. Cloud .....	10.3	10.0	10.1	3.8	3.9	4.1	17.4	18.3	18.4
<b>Mississippi</b> .....	220.5	220.5	219.9	39.2	39.9	40.0	179.2	186.0	186.1
Jackson .....	20.0	19.5	19.3	10.2	10.1	10.1	41.4	42.6	42.7
<b>Missouri</b> .....	435.0	428.5	430.1	135.0	133.4	133.7	486.8	492.7	491.8
Kansas City .....	120.3	118.4	120.9	51.9	51.4	52.0	172.4	171.4	171.0
St. Joseph .....	8.6	8.2	8.1	1.9	1.8	1.7	8.4	8.1	8.1
St. Louis .....	229.2	223.3	229.7	74.4	72.8	74.3	247.5	252.7	251.4
Springfield .....	20.1	18.8	18.9	6.4	5.9	5.9	26.9	27.1	27.3
<b>Montana</b> .....	23.1	22.4	22.3	20.8	19.8	19.9	78.5	78.0	77.8
<b>Nebraska</b> .....	90.0	87.6	87.4	42.9	42.9	42.9	162.1	163.1	163.5
Lincoln .....	12.8	13.1	13.0	6.3	6.1	6.2	21.8	21.1	21.5
Omaha .....	36.6	34.8	35.0	23.1	23.2	23.2	70.0	70.9	70.5
<b>Nevada</b> .....	21.6	21.6	21.4	25.1	25.5	25.7	88.4	90.4	90.3
Las Vegas .....	7.5	7.6	7.7	14.1	14.4	14.6	50.2	51.4	51.4
Reno .....	8.3	8.2	8.1	8.0	8.2	8.2	26.5	26.7	26.8
<b>New Hampshire</b> .....	126.1	121.5	121.0	15.3	15.3	16.0	108.7	125.8	124.4
Manchester .....	16.0	15.9	15.7	4.7	4.8	4.8	20.1	20.4	20.3
Nashua .....	37.4	36.9	36.3	2.2	2.2	2.3	16.0	17.6	17.5
<b>New Jersey</b> .....	737.9	728.5	727.9	219.2	215.0	220.3	816.8	848.0	845.4
Atlantic City .....	8.3	8.3	8.2	5.9	6.2	6.1	40.9	46.2	40.8
Bergen-Passaic .....	171.0	171.3	171.3	30.5	29.6	30.1	179.5	182.9	184.7
Camden .....	74.1	75.6	76.1	17.2	17.0	17.1	101.3	103.8	105.5
Jersey City .....	60.8	56.1	56.9	28.0	28.9	29.3	51.2	53.2	54.0
Middlesex-Somerset-Hunterdon .....	114.5	112.7	113.5	34.3	34.5	35.2	108.6	112.5	113.8
Monmouth-Ocean .....	32.7	33.8	33.8	13.2	13.8	14.4	77.1	88.2	84.0
Newark .....	204.9	203.7	200.0	79.1	78.4	79.0	187.5	196.5	197.7
Trenton .....	33.5	32.3	32.9	5.6	5.4	5.6	28.3	28.8	29.2
Vineland-Millville-Bridgeton .....	15.0	14.5	14.1	2.0	2.0	2.1	10.0	10.8	10.8

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	Finance, insurance, and real estate			Services			Government		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>
<b>Maryland</b> .....	104.8	112.9	112.4	446.6	479.1	475.2	372.8	378.0	385.4
Baltimore MSA .....	62.4	66.3	65.9	230.5	237.3	236.1	192.0	195.8	196.3
Baltimore City .....	40.4	43.1	43.0	116.9	119.7	120.3	79.6	81.1	80.7
Suburban Maryland-D.C. ....	34.3	35.9	35.4	171.2	184.1	182.8	146.4	148.8	153.8
<b>Massachusetts</b> .....	178.9	197.7	195.2	761.4	794.8	797.7	357.9	355.5	366.1
Boston .....	123.9	135.9	135.0	495.9	524.2	532.0	189.3	185.0	198.6
Brockton .....	2.5	2.7	2.6	13.0	14.3	14.5	11.7	11.2	11.7
Fall River .....	2.8	2.9	2.8	9.6	9.9	10.0	6.0	5.7	6.0
Fitchburg-Leominster .....	1.4	1.5	1.4	6.9	7.4	7.5	4.2	4.2	4.5
Lawrence-Haverhill .....	5.4	5.9	5.8	27.6	30.5	30.5	16.8	15.7	16.5
Lowell .....	3.1	3.7	3.6	16.0	17.1	17.3	11.9	11.5	12.0
New Bedford .....	2.3	2.5	2.5	11.1	12.0	11.7	9.6	9.3	9.7
Pittsfield .....	2.1	2.2	2.1	8.9	9.7	9.0	4.7	4.4	4.8
Springfield .....	14.5	15.4	15.2	51.0	53.1	54.4	37.0	37.4	38.5
Worcester .....	11.0	12.1	12.0	39.8	41.3	42.9	21.4	20.6	22.1
<b>Michigan</b> .....	154.9	161.3	160.6	703.7	740.5	738.1	568.2	550.6	571.9
Ann Arbor .....	4.1	4.2	4.1	28.0	30.9	30.9	46.2	41.4	41.7
Battle Creek .....	3.6	3.9	3.8	10.7	10.6	10.9	11.5	11.4	11.6
Benton Harbor .....	2.1	2.2	2.2	12.3	12.7	12.9	7.9	8.0	8.2
Detroit .....	90.3	95.1	94.5	387.2	410.5	412.5	225.6	222.6	229.5
Flint .....	5.7	6.0	6.1	27.4	27.8	27.6	22.3	22.0	21.8
Grand Rapids .....	11.1	11.2	11.2	57.6	57.3	58.6	28.8	28.0	29.1
Jackson .....	1.6	1.7	1.6	9.4	9.1	9.1	8.3	8.4	8.7
Kalamazoo .....	3.7	3.9	3.9	20.7	21.3	21.1	15.8	13.4	15.8
Lansing-East Lansing .....	9.6	10.1	10.1	31.3	32.9	33.4	55.8	55.9	56.0
Muskegon .....	1.4	1.4	1.4	10.3	10.6	10.6	8.3	7.9	8.3
Saginaw-Bay City-Midland .....	5.5	5.8	5.8	29.0	29.4	29.2	20.3	19.6	20.7
<b>Minnesota</b> .....	107.1	111.7	111.1	428.3	443.8	446.8	281.7	272.4	286.3
Duluth .....	2.9	3.0	3.0	21.9	20.8	21.5	18.3	17.9	19.4
Minneapolis-St. Paul .....	81.0	84.3	84.1	285.9	302.0	304.5	145.8	146.9	149.3
Rochester .....	1.5	1.6	1.6	22.1	22.4	22.5	4.9	4.6	5.0
St. Cloud .....	2.1	2.1	2.1	11.7	11.7	11.9	11.7	9.1	11.6
<b>Mississippi</b> .....	34.6	35.4	35.3	126.4	124.7	128.7	187.7	176.8	191.5
Jackson .....	12.6	12.9	12.9	33.3	33.3	34.0	36.4	34.9	36.8
<b>Missouri</b> .....	114.3	117.2	116.0	440.7	451.4	449.3	334.7	313.7	335.7
Kansas City .....	49.6	50.6	50.3	149.2	152.8	151.5	100.9	98.7	103.0
St. Joseph .....	2.1	2.1	2.1	7.6	7.0	7.0	5.5	5.4	5.5
St. Louis .....	62.8	65.0	64.7	247.6	254.9	255.4	134.9	129.0	134.5
Springfield .....	4.3	4.4	4.4	23.1	23.8	24.1	12.5	10.4	12.6
<b>Montana</b> .....	13.5	13.4	13.4	60.5	62.7	62.0	68.1	62.3	65.0
<b>Nebraska</b> .....	43.6	45.2	45.1	137.8	144.5	146.0	132.5	130.8	136.2
Lincoln .....	7.3	7.6	7.7	20.2	20.5	21.1	28.8	28.7	29.8
Omaha .....	25.7	26.5	26.4	71.2	73.7	74.3	41.5	41.7	43.6
<b>Nevada</b> .....	20.5	21.3	21.3	192.3	199.4	199.0	59.2	57.2	61.2
Las Vegas .....	11.9	12.6	12.6	117.2	120.8	121.0	28.2	27.5	29.6
Reno .....	6.7	6.7	6.8	49.5	51.3	51.3	16.5	15.6	16.7
<b>New Hampshire</b> .....	24.0	26.3	26.0	97.0	104.5	102.0	57.5	55.5	59.1
Manchester .....	6.6	6.9	6.9	18.2	19.0	19.1	7.2	7.3	7.5
Nashua .....	2.7	2.8	2.8	13.9	15.0	14.9	5.6	5.0	6.0
<b>New Jersey</b> .....	184.9	195.1	193.2	770.1	815.1	804.8	510.4	538.6	528.5
Atlantic City .....	6.6	7.5	7.4	65.8	75.6	71.7	24.1	25.9	25.1
Bergen-Passaic .....	31.4	33.1	32.9	127.8	132.2	132.5	65.0	67.7	66.5
Camden .....	19.2	20.1	19.7	85.0	86.5	84.9	66.9	69.4	69.0
Jersey City .....	8.3	8.6	8.5	36.0	34.7	35.6	39.5	42.9	40.4
Middlesex-Somerset-Hunterdon .....	25.5	26.5	26.7	87.2	95.5	94.8	65.2	66.4	65.6
Monmouth-Ocean .....	13.6	14.0	13.7	71.7	86.1	80.4	55.6	57.5	56.6
Newark .....	68.3	69.0	68.4	219.0	224.6	223.3	127.0	137.5	129.4
Trenton .....	8.3	8.4	8.4	44.9	44.3	44.7	46.7	49.3	49.6
Vineland-Millville-Bridgeton .....	2.7	2.7	2.7	9.1	8.6	8.7	11.3	11.2	11.1

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>New Mexico</b> .....	514.3	512.6	520.4	21.2	19.8	19.7	37.7	38.0	37.3
Albuquerque .....	213.0	216.8	221.1	.3	.2	.2	16.0	17.8	17.8
Las Cruces .....	35.8	34.1	36.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.7	2.7
<b>New York</b> .....	7,609.0	7,741.2	7,743.5	7.2	7.0	7.0	273.7	289.1	288.7
Albany-Schenectady-Troy .....	372.4	379.9	379.6	.3	.3	.3	14.7	15.9	15.8
Binghamton .....	117.6	116.7	117.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.5	5.3
Buffalo .....	405.6	410.1	410.9	.6	.7	.7	15.1	16.7	16.7
Elmira .....	34.9	33.9	33.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.5	1.5
Glens Falls .....	41.9	45.4	42.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.7	1.7
Monroe County .....	355.5	356.9	360.5	.4	.4	.3	11.9	12.2	12.1
Nassau-Suffolk .....	1,039.6	1,065.5	1,066.7	.2	.2	.2	47.7	49.8	49.6
New York PMSA .....	3,926.8	3,993.0	3,981.1	1.6	1.6	1.6	123.6	128.2	129.1
New York City .....	3,441.1	3,495.4	3,489.4	1.3	1.2	1.2	97.3	101.3	102.4
Niagara Falls .....	78.8	78.1	78.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.5	3.6
Orange County .....	87.8	90.0	89.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.3	3.4	3.4
Poughkeepsie .....	111.5	113.7	113.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.8	5.7
Rochester .....	439.7	442.6	445.9	.8	.8	.8	15.3	15.6	15.5
Rockland County .....	91.0	94.6	92.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	3.8	3.7
Syracuse .....	278.4	276.8	280.2	.4	.2	.2	16.3	15.3	15.1
Utica-Rome .....	118.3	119.1	119.2	.1	.2	.2	3.8	4.1	4.2
Westchester County .....	380.1	387.4	384.2	.1	.1	.1	21.4	22.2	22.1
<b>North Carolina</b> .....	2,604.6	2,595.4	2,645.5	4.7	4.8	4.8	139.8	152.3	151.8
Asheville .....	73.3	75.2	75.1	.1	.1	.1	3.0	3.4	3.4
Charlotte-Gastonia-Rock Hill .....	494.9	484.0	488.5	.3	.3	.3	26.0	26.4	26.1
Greensboro-Winston-Salem-High Point .....	426.8	425.7	433.1	.4	.3	.3	20.0	20.4	20.0
Raleigh-Durham .....	328.7	336.5	343.7	.3	.3	.3	21.7	23.3	22.9
<b>North Dakota</b> .....	257.0	252.2	253.6	7.7	7.0	6.8	16.5	13.2	13.0
Bismarck .....	36.3	36.2	36.6	.2	.2	.2	2.1	1.9	1.9
Fargo-Moorhead .....	66.4	66.0	66.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	4.0	4.0
Grand Forks .....	27.4	27.6	28.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.8	1.7
<b>Ohio</b> .....	4,308.5	4,365.2	4,416.7	28.2	27.5	27.6	160.0	169.3	169.3
Akron .....	256.4	256.2	261.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.4	10.7	10.8
Canton .....	150.6	152.9	153.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.9	6.1	6.3
Cincinnati .....	606.3	630.5	637.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.3	25.1	25.2
Cleveland .....	855.5	868.6	870.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	29.3	30.8	31.0
Columbus .....	579.9	601.8	609.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.1	23.9	24.2
Dayton-Springfield .....	398.5	405.0	411.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.9	16.3	16.4
Toledo .....	259.7	261.2	267.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.7	8.9	9.1
Youngstown-Warren .....	184.0	181.1	186.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.4	7.0	6.8
<b>Oklahoma</b> .....	1,189.6	1,175.4	1,185.8	74.8	70.8	68.3	51.2	49.3	48.0
Enid .....	25.9	25.3	25.0	2.3	1.9	1.8	1.2	1.2	1.1
Lawton .....	32.8	33.1	33.7	.3	.3	.2	1.1	1.1	1.1
Oklahoma City .....	441.8	438.2	444.0	20.0	19.8	19.1	20.1	20.1	19.6
Tulsa .....	300.8	299.3	301.4	21.2	20.6	20.4	15.5	15.6	15.4
<b>Oregon</b> .....	1,024.9	1,028.9	1,038.5	1.8	1.7	1.7	34.1	35.2	34.9
Eugene-Springfield .....	96.6	96.5	97.9	.4	.4	.4	3.4	4.0	4.0
Portland .....	514.2	515.7	521.3	.6	.5	.5	18.8	18.2	18.2
Salem .....	89.4	91.2	90.4	.1	( <sup>1</sup> )	( <sup>1</sup> )	2.8	3.2	3.1
<b>Pennsylvania</b> .....	4,694.3	4,737.4	4,756.0	40.4	37.2	37.6	194.7	214.0	211.2
Allentown-Bethlehem .....	262.9	266.5	266.0	.3	.4	.4	10.0	10.2	10.3
Altoona .....	49.4	50.0	50.1	.1	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.5	2.5
Beaver County .....	55.2	54.4	54.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	3.2	3.2
Delaware Valley .....	1,610.6	1,624.0	1,617.9	1.0	1.1	1.1	67.3	69.3	68.1
Erie .....	110.1	110.9	111.3	.2	.3	.3	3.5	3.5	3.4
Harrisburg-Lebanon-Carlisle .....	272.0	275.6	275.6	.1	.1	.1	10.5	10.8	10.3
Johnstown .....	77.5	78.5	78.7	6.1	5.1	5.1	3.2	3.7	3.6
Lancaster .....	163.4	165.2	166.1	.4	.5	.5	7.5	9.1	9.0
Philadelphia PMSA .....	1,991.6	2,016.0	2,009.6	1.2	1.2	1.2	84.6	88.7	87.8
Philadelphia City .....	749.6	756.0	745.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.3	19.0	18.7
Pittsburgh .....	840.5	843.2	849.8	7.5	7.1	7.1	41.4	45.4	45.3

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>
<b>New Mexico</b> .....	37.9	37.6	38.1	30.1	29.1	30.0	120.4	125.3	125.1
Albuquerque .....	19.7	19.4	19.4	12.3	11.7	12.1	54.3	57.3	57.3
Las Cruces .....	3.7	3.4	3.7	1.4	1.3	1.4	7.3	7.7	7.9
<b>New York</b> .....	1,347.6	1,315.1	1,316.5	419.5	406.5	415.1	1,587.2	1,614.5	1,627.3
Albany-Schenectady-Troy .....	55.2	52.6	52.5	16.7	15.8	16.1	80.3	83.3	84.2
Binghamton .....	41.3	39.9	38.8	4.2	4.3	4.3	22.0	22.4	22.5
Buffalo .....	80.1	78.3	79.2	21.7	20.4	20.9	98.5	99.4	100.4
Elmira .....	8.1	6.7	6.6	1.4	1.4	1.4	9.3	9.3	9.3
Glens Falls .....	10.2	9.7	9.6	1.3	1.4	1.3	9.4	10.8	9.9
Monroe County .....	129.0	127.9	127.8	10.6	10.3	10.6	70.0	70.5	70.9
Nassau-Suffolk .....	179.0	180.9	181.1	45.6	44.0	46.8	281.6	290.4	291.4
New York PMSA .....	524.4	508.3	509.6	263.0	254.3	257.1	744.4	747.8	757.4
New York City .....	438.2	421.5	423.8	238.3	231.9	233.8	628.3	629.2	638.1
Niagara Falls .....	25.5	24.5	24.5	4.0	4.0	4.1	16.7	17.1	17.0
Orange County .....	15.6	15.0	15.1	5.4	5.4	5.6	21.6	22.9	22.9
Poughkeepsie .....	34.7	34.3	33.6	3.3	3.2	3.2	19.1	20.0	20.0
Rochester .....	151.9	150.5	150.8	13.3	13.0	13.3	88.5	90.3	90.5
Rockland County .....	15.7	15.8	15.9	4.1	4.0	4.1	21.2	22.3	22.2
Syracuse .....	59.2	56.8	57.2	15.5	15.7	15.3	62.5	63.8	64.1
Utica-Rome .....	28.0	26.5	26.2	4.5	4.3	4.5	24.4	25.7	25.7
Westchester County .....	69.1	69.6	68.5	20.0	17.8	18.6	91.2	92.5	93.4
<b>North Carolina</b> .....	836.1	813.4	813.5	130.2	130.5	131.6	561.6	578.6	579.5
Asheville .....	20.5	19.6	19.8	3.4	3.4	3.5	16.5	17.4	17.5
Charlotte-Gastonia-Rock Hill .....	149.2	141.9	141.6	41.6	42.6	42.9	115.8	116.4	115.7
Greensboro-Winston-Salem-High Point .....	154.5	153.5	152.9	23.1	23.4	23.8	91.1	94.6	94.7
Raleigh-Durham .....	56.8	58.5	57.6	15.9	16.4	16.4	65.8	68.4	69.2
<b>North Dakota</b> .....	15.9	15.4	15.4	16.7	16.6	16.7	68.7	69.9	69.5
Bismarck .....	2.1	2.0	2.0	2.9	2.8	2.8	9.6	10.0	9.8
Fargo-Moorhead .....	5.2	4.9	5.0	4.0	4.0	4.1	20.0	20.7	20.8
Grand Forks .....	1.3	1.1	1.3	1.6	1.5	1.6	7.9	8.4	8.6
<b>Ohio</b> .....	1,139.7	1,109.3	1,113.1	208.5	208.6	209.5	991.4	1,037.7	1,043.2
Akron .....	68.4	64.9	64.9	13.4	13.7	13.7	60.6	63.0	63.4
Canton .....	46.7	46.1	46.0	6.2	6.2	6.1	35.6	37.9	37.8
Cincinnati .....	143.6	147.5	148.8	32.5	32.6	32.7	150.5	158.4	159.2
Cleveland .....	214.6	208.2	208.8	42.8	43.0	43.3	203.3	207.8	208.4
Columbus .....	106.1	104.3	105.3	27.3	27.7	27.9	141.2	150.0	151.8
Dayton-Springfield .....	105.2	105.4	106.2	15.4	16.0	16.1	85.9	90.5	91.0
Toledo .....	66.4	66.3	67.5	14.5	14.1	14.1	63.0	66.2	66.6
Youngstown-Warren .....	55.1	49.7	53.2	7.9	7.2	7.6	44.1	46.4	46.4
<b>Oklahoma</b> .....	176.5	170.4	169.8	64.4	63.0	62.5	291.4	293.3	294.0
Enid .....	2.0	1.9	1.9	2.6	2.6	2.5	7.5	7.5	7.3
Lawton .....	3.6	3.3	3.3	1.3	1.2	1.2	8.4	8.3	8.5
Oklahoma City .....	54.6	52.6	52.6	22.3	21.8	21.8	114.8	115.5	115.9
Tulsa .....	52.0	52.1	51.9	20.6	20.9	20.8	72.8	72.9	72.5
<b>Oregon</b> .....	209.2	208.1	206.1	56.5	55.3	55.9	259.8	265.2	266.9
Eugene-Springfield .....	20.3	19.6	19.9	4.1	4.0	4.0	25.0	25.7	25.7
Portland .....	95.2	93.7	93.8	33.9	34.1	34.5	138.6	140.8	141.5
Salem .....	16.9	17.7	16.0	2.5	2.5	2.6	19.8	19.4	19.4
<b>Pennsylvania</b> .....	1,123.8	1,081.7	1,077.7	250.1	242.9	250.0	1,045.7	1,067.1	1,071.3
Allentown-Bethlehem .....	90.1	87.3	86.6	14.3	14.0	13.8	54.7	57.1	57.1
Altoona .....	11.5	11.1	11.3	5.2	4.8	4.9	12.0	12.7	12.7
Beaver County .....	16.9	15.0	14.4	5.1	5.0	5.1	11.7	12.2	12.1
Delaware Valley .....	322.0	317.0	313.4	79.3	78.3	79.5	357.4	357.2	360.4
Erie .....	36.8	36.4	36.2	4.4	4.4	4.3	23.7	25.2	25.0
Harrisburg-Lebanon-Carlisle .....	54.3	51.7	51.9	18.1	17.2	17.7	58.4	61.5	61.4
Johnstown .....	12.6	12.3	12.2	5.1	4.7	5.2	16.5	16.9	16.9
Lancaster .....	58.7	57.2	56.6	6.9	6.9	7.1	39.5	40.7	40.4
Philadelphia PMSA .....	396.1	392.6	389.2	96.5	95.3	96.6	458.7	461.0	466.0
Philadelphia City .....	108.1	103.3	100.1	45.9	45.2	44.7	147.3	144.9	146.7
Pittsburgh .....	143.9	135.8	137.3	49.7	46.2	48.2	209.2	213.2	213.5

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>New Mexico</b> .....	24.8	26.0	25.8	110.8	114.4	112.5	131.4	122.4	131.9
Albuquerque .....	12.8	13.7	13.6	53.5	55.9	55.9	44.1	40.8	44.8
Las Cruces .....	1.4	1.5	1.5	4.7	4.9	4.8	14.6	12.6	14.9
<b>New York</b> .....	707.8	727.0	721.8	1,981.6	2,054.9	2,053.7	1,284.5	1,327.2	1,313.5
Albany-Schenectady-Troy .....	18.5	19.4	19.0	85.5	90.7	88.5	101.2	101.9	103.2
Binghamton .....	3.6	3.8	3.7	21.6	22.3	22.4	19.8	18.5	20.7
Buffalo .....	22.4	23.1	22.9	99.7	100.4	102.3	67.5	71.1	67.8
Elmira .....	1.1	1.1	1.1	7.6	7.8	7.7	6.1	6.0	6.2
Glens Falls .....	1.9	1.9	1.8	9.3	11.8	9.8	7.9	8.0	8.4
Monroe County .....	17.3	18.0	17.6	80.2	81.1	83.4	36.3	36.6	37.8
Nassau-Suffolk .....	61.0	63.4	63.0	258.2	271.4	266.3	166.3	165.4	168.3
New York PMSA .....	530.8	542.8	540.4	1,138.7	1,170.2	1,170.7	600.2	639.9	615.1
New York City .....	503.6	514.7	512.7	1,009.5	1,034.3	1,039.2	524.6	561.3	538.2
Niagara Falls .....	1.8	1.9	1.9	14.9	14.5	15.1	12.3	12.4	11.8
Orange County .....	3.4	3.6	3.5	18.4	19.5	18.6	20.0	20.1	20.6
Poughkeepsie .....	3.4	3.7	3.6	22.4	23.0	22.8	23.3	23.4	24.5
Rochester .....	19.1	19.7	19.3	93.9	95.0	97.0	56.9	57.7	58.7
Rockland County .....	3.5	3.7	3.7	22.0	23.6	22.1	20.3	21.2	20.5
Syracuse .....	18.1	18.7	18.5	61.3	59.6	63.5	45.3	46.7	46.3
Utica-Rome .....	6.1	6.2	6.2	23.0	23.2	23.8	28.4	28.9	28.5
Westchester County .....	23.1	23.8	23.5	103.3	107.5	105.4	51.8	53.9	52.6
<b>North Carolina</b> .....	105.9	111.3	111.0	405.0	426.4	426.0	421.3	378.2	427.4
Asheville .....	2.5	2.8	2.8	16.0	18.0	16.5	11.3	10.6	11.6
Charlotte-Gastonia-Rock Hill .....	26.5	26.8	26.8	80.5	80.6	81.6	55.0	48.9	53.7
Greensboro-Winston-Salem-High Point .....	19.6	19.8	19.8	67.9	70.0	69.7	50.2	43.5	51.9
Raleigh-Durham .....	17.3	18.9	18.8	71.2	74.2	76.3	79.7	76.4	82.2
<b>North Dakota</b> .....	12.3	12.5	12.4	58.0	58.1	58.5	61.2	59.5	61.3
Bismarck .....	1.7	1.7	1.7	10.0	9.8	10.2	7.7	7.8	8.0
Fargo-Moorhead .....	4.2	4.4	4.4	16.2	16.9	17.0	12.9	11.1	11.5
Grand Forks .....	1.1	1.1	1.1	5.9	5.9	6.0	8.0	7.8	7.9
<b>Ohio</b> .....	213.7	222.7	222.0	921.7	966.4	976.2	645.3	623.7	655.8
Akron .....	9.3	9.7	9.8	53.0	57.1	56.2	41.3	36.5	41.5
Canton .....	6.4	6.6	6.5	31.7	32.5	32.8	16.8	16.3	16.7
Cincinnati .....	35.2	37.3	37.0	142.3	152.1	151.8	78.5	77.0	82.0
Cleveland .....	48.8	50.5	50.3	203.1	211.1	213.5	112.4	116.1	114.3
Columbus .....	47.1	50.5	50.4	129.1	139.4	140.7	106.8	104.8	108.1
Dayton-Springfield .....	16.4	16.8	16.7	91.0	92.7	94.9	70.4	67.0	70.1
Toledo .....	10.1	10.8	10.8	57.5	59.2	59.8	39.2	35.4	39.8
Youngstown-Warren .....	7.2	7.5	7.4	40.4	41.7	41.7	22.2	21.1	22.9
<b>Oklahoma</b> .....	65.7	67.0	66.1	224.3	224.1	226.4	241.3	237.5	250.7
Enid .....	1.3	1.3	1.3	5.4	5.4	5.5	3.6	3.5	3.6
Lawton .....	1.6	1.7	1.7	5.9	6.3	6.2	10.6	10.9	11.5
Oklahoma City .....	28.2	29.0	28.8	87.1	86.6	88.0	94.7	92.8	98.2
Tulsa .....	17.5	17.7	17.4	67.6	68.6	68.9	33.6	30.9	34.1
<b>Oregon</b> .....	66.9	69.6	69.0	208.5	213.1	214.6	188.1	180.7	189.4
Eugene-Springfield .....	4.6	4.5	4.5	20.0	20.4	20.4	18.8	17.9	19.0
Portland .....	41.5	42.6	42.3	114.0	117.4	120.2	71.6	68.4	70.3
Salem .....	5.2	5.3	5.2	16.3	16.5	17.0	25.8	26.5	27.0
<b>Pennsylvania</b> .....	256.1	266.7	265.0	1,122.8	1,173.4	1,177.8	660.7	654.4	665.4
Allentown-Bethlehem .....	10.6	10.8	10.6	55.4	59.2	59.6	27.5	27.5	27.6
Altoona .....	1.5	1.6	1.6	9.4	9.8	9.8	7.5	7.4	7.2
Beaver County .....	1.9	2.0	2.0	10.2	10.2	10.8	6.4	6.8	7.1
Delaware Valley .....	117.4	120.7	120.4	452.4	458.9	458.8	213.8	221.5	216.2
Erie .....	5.0	5.2	5.1	24.2	24.2	24.5	12.3	11.7	12.5
Harrisburg-Lebanon-Carlisle .....	14.6	15.8	15.6	53.0	55.5	55.1	63.0	63.0	63.5
Johnstown .....	4.1	4.7	4.8	17.8	18.2	18.4	12.1	12.9	12.5
Lancaster .....	5.7	6.2	6.0	31.2	31.9	32.5	13.5	12.7	14.0
Philadelphia PMSA .....	136.6	140.9	140.0	537.4	545.4	543.8	280.5	290.9	285.0
Philadelphia City .....	66.5	67.1	66.7	228.3	230.5	232.6	135.2	146.0	136.1
Pittsburgh .....	49.7	50.8	50.7	236.1	238.9	242.2	103.0	105.8	105.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>
<b>Pennsylvania-Continued</b>									
Reading .....	143.6	143.5	144.7	0.2	( <sup>1</sup> )	( <sup>1</sup> )	5.4	6.5	6.3
Scranton-Wilkes-Barre .....	271.9	277.7	277.2	.9	0.9	0.9	10.6	10.6	10.6
Sharon .....	40.5	40.1	39.6	.4	.4	.4	1.3	1.2	1.2
State College .....	50.7	49.1	52.7	.4	.3	.3	2.1	2.5	2.5
Williamsport .....	45.6	45.8	46.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.4	1.4
York .....	161.2	162.3	164.1	.4	.4	.4	7.0	8.3	8.4
<b>Rhode Island</b>									
Pawtucket-Woonsocket-Attleboro .....	418.2	417.8	420.5	.1	.1	.1	13.4	14.4	14.2
Providence .....	122.1	122.4	123.3	.1	.1	.1	3.7	3.9	3.9
Providence .....	292.2	290.2	292.3	.1	.1	.1	10.3	10.8	10.7
<b>South Carolina</b>									
Charleston .....	1,293.7	1,330.2	1,347.0	1.8	1.8	1.8	82.6	91.2	89.5
Columbia .....	167.5	175.6	175.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.1	13.6	13.5
Greenville-Spartanburg .....	198.0	195.5	197.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.4	13.2	13.0
Greenville-Spartanburg .....	279.4	273.7	277.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.8	18.9	18.7
<b>South Dakota</b>									
Sioux Falls .....	247.0	247.2	245.1	2.7	2.4	2.4	10.4	11.2	11.0
Sioux Falls .....	61.0	63.4	60.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	4.0	3.8
<b>Tennessee</b>									
Chattanooga .....	1,833.5	1,876.8	1,891.3	8.2	7.3	7.5	80.8	80.8	81.8
Johnson City-Kingsport-Bristol .....	176.4	184.5	191.3	1.1	1.2	1.2	7.8	7.8	7.7
Knoxville .....	150.2	149.8	151.2	.2	.2	.2	6.1	7.9	7.9
Memphis .....	229.2	225.2	230.5	2.1	1.8	1.8	10.6	9.9	10.1
Nashville .....	380.7	388.4	393.0	.2	.2	.2	16.8	17.1	18.0
Nashville .....	410.7	416.1	420.1	.5	.5	.5	24.0	24.1	23.6
<b>Texas</b>									
Abilene .....	6,475.4	6,581.5	6,594.9	271.7	267.1	263.3	428.0	446.7	440.1
Amarillo .....	52.9	52.8	54.0	4.0	4.0	4.0	3.0	3.0	2.9
Austin .....	80.6	80.5	81.4	1.9	1.6	1.5	4.8	5.3	5.2
Beaumont-Port Arthur .....	336.5	340.0	352.5	1.0	1.1	1.1	26.8	29.3	28.8
Brazoria .....	143.6	135.6	135.7	3.0	2.7	2.7	10.0	8.7	8.7
Brownsville-Harlingen .....	59.7	57.9	58.6	2.4	2.1	2.1	6.9	5.9	5.8
Bryan-College Station .....	64.2	63.9	65.2	.1	.1	.1	3.3	3.7	3.5
Corpus Christi .....	48.6	47.4	48.5	1.4	1.4	1.5	3.2	2.7	2.6
Dallas .....	134.0	134.9	137.0	8.0	7.4	7.4	10.3	12.4	12.1
El Paso .....	1,228.9	1,240.9	1,248.3	23.4	24.0	23.7	78.8	83.1	82.4
Ft. Worth-Arlington .....	171.5	175.2	177.2	.4	.5	.5	9.1	9.5	9.6
Galveston-Texas City .....	471.7	486.2	488.7	4.7	4.6	4.6	29.2	31.0	30.2
Houston .....	72.9	72.8	74.1	1.0	1.2	1.2	4.3	4.2	4.1
Killeen-Temple .....	1,465.0	1,490.4	1,494.4	96.1	98.4	97.8	114.2	111.1	109.7
Laredo .....	64.5	66.2	66.1	.1	.1	.1	3.7	4.1	4.1
Longview-Marshall .....	31.4	32.6	33.2	1.7	1.7	1.7	1.1	1.5	1.4
Lubbock .....	67.2	65.8	66.1	4.8	4.8	4.7	4.9	4.3	4.5
McAllen-Edinburg-Mission .....	91.3	93.0	94.7	.6	.4	.4	4.4	5.7	5.5
Midland .....	77.4	77.8	80.8	1.8	1.8	1.7	4.3	4.7	4.6
Odessa .....	52.1	51.8	51.6	12.8	11.8	11.5	2.8	2.8	2.7
San Angelo .....	53.5	53.6	53.2	8.8	8.3	8.1	3.8	4.0	4.0
San Antonio .....	38.6	38.2	38.8	.9	.9	.9	2.7	2.7	2.7
Sherman-Denison .....	464.5	472.5	474.7	3.6	3.5	3.5	35.0	37.2	36.1
Texarkana .....	37.4	37.1	37.5	.3	.3	.3	1.2	1.3	1.4
Tyler .....	46.2	46.1	46.4	.1	.1	.1	2.2	1.9	1.9
Victoria .....	61.3	60.9	62.4	3.6	3.3	3.3	2.9	3.3	3.4
Waco .....	29.6	29.4	29.9	3.1	2.7	2.8	2.7	2.9	2.9
Wichita Falls .....	77.6	76.4	78.2	.2	.2	.2	4.3	4.5	4.5
Wichita Falls .....	51.6	51.2	51.8	3.4	3.2	3.1	1.9	2.2	2.2
<b>Utah</b>									
Provo-Orem .....	613.8	624.2	632.8	11.8	9.1	9.2	40.6	40.3	40.4
Salt Lake City-Ogden .....	70.5	71.2	74.8	.2	.1	.1	3.7	3.9	3.9
Salt Lake City-Ogden .....	422.8	433.6	436.2	3.6	2.2	2.1	26.6	26.3	26.4
<b>Vermont</b>									
Burlington .....	219.3	222.8	225.9	.5	.6	.5	14.0	15.4	15.0
Springfield .....	66.4	67.8	69.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.0	4.5	4.5
Springfield .....	14.0	14.0	14.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.8	1.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>Pennsylvania-Continued</b>									
Reading .....	53.3	50.3	50.1	6.0	5.9	6.2	29.5	31.0	31.2
Scranton-Wilkes-Barre .....	76.2	74.6	74.8	14.5	14.4	14.7	59.7	61.3	61.3
Sharon .....	11.3	10.6	10.4	2.1	2.1	2.0	9.6	10.2	10.1
State College .....	8.1	7.9	8.0	1.3	1.3	1.4	9.4	9.6	10.0
Williamsport .....	15.6	15.3	15.3	2.1	2.0	2.0	9.9	10.0	10.1
York .....	60.8	58.8	58.7	7.7	7.4	7.7	37.2	38.2	38.3
<b>Rhode Island</b>									
Pawtucket-Woonsocket-Attleboro .....	122.4	119.5	120.2	14.1	14.0	14.1	89.8	91.7	92.2
Providence .....	56.7	55.1	55.5	3.4	3.4	3.4	25.4	26.1	26.3
	77.2	75.3	75.8	9.9	10.2	10.3	59.9	62.0	62.3
<b>South Carolina</b>									
Charleston .....	380.1	369.5	371.1	56.3	56.5	56.6	271.1	296.0	294.5
Columbia .....	20.0	20.1	20.2	8.7	9.2	9.2	41.4	43.8	43.8
Greenville-Spartanburg .....	28.4	28.9	28.5	9.0	9.1	9.1	42.1	42.4	42.7
	101.7	98.3	98.6	9.7	9.9	9.9	60.1	60.5	60.8
<b>South Dakota</b>									
Sioux Falls .....	29.2	26.2	23.5	12.2	12.4	12.6	65.9	67.4	66.6
	9.5	8.6	5.8	4.7	4.9	4.7	16.3	16.7	16.6
<b>Tennessee</b>									
Chattanooga .....	503.2	485.9	486.4	89.7	91.9	91.7	421.9	457.3	460.9
Johnson City-Kingsport-Bristol .....	44.5	43.5	44.0	7.2	7.3	7.2	38.9	40.1	39.8
Knoxville .....	54.7	53.0	52.7	6.1	6.0	6.0	31.0	30.3	30.4
Memphis .....	51.1	49.1	49.0	8.8	8.9	8.9	53.6	56.7	55.9
Nashville .....	54.2	52.4	52.2	31.4	31.8	31.7	104.3	107.1	107.7
	86.5	85.2	86.2	21.9	25.0	24.9	99.0	99.7	100.1
<b>Texas</b>									
Abilene .....	1,008.2	1,000.7	997.4	374.0	374.9	376.7	1,623.8	1,647.9	1,648.2
Amarillo .....	5.5	5.9	5.9	2.8	2.8	2.9	14.0	14.6	14.6
Austin .....	10.2	9.9	10.0	6.5	6.2	6.1	24.0	24.8	24.9
Beaumont-Port Arthur .....	41.3	41.8	41.4	9.2	9.5	9.6	73.0	75.1	75.1
Brazoria .....	30.9	26.8	26.7	11.9	11.4	11.4	34.0	34.1	33.4
Brownsville-Harlingen .....	17.3	16.6	16.6	2.6	2.5	2.5	11.0	11.2	11.1
Bryan-College Station .....	10.7	10.1	10.1	3.1	3.4	3.3	18.0	18.4	18.3
Corpus Christi .....	3.3	3.5	3.6	1.6	1.7	1.7	10.5	11.0	11.4
Dallas .....	13.9	13.4	13.5	7.7	7.8	7.7	33.9	34.9	35.1
El Paso .....	224.0	222.2	221.8	76.0	78.3	78.2	324.7	328.2	328.2
Ft. Worth-Arlington .....	38.6	41.6	41.6	9.9	9.3	9.5	40.7	41.7	41.8
Galveston-Texas City .....	108.7	109.9	110.3	23.6	24.1	23.9	131.9	134.1	134.1
Houston .....	10.3	10.0	9.8	6.0	5.7	5.7	14.3	14.4	14.1
Killeen-Temple .....	177.0	173.5	173.1	101.8	104.0	104.6	370.4	370.7	369.8
Laredo .....	8.7	8.8	8.7	3.1	3.0	3.0	15.9	16.4	16.2
Longview-Marshall .....	1.9	1.9	1.9	3.4	3.7	3.7	9.6	10.0	10.0
Lubbock .....	15.3	15.0	15.1	3.4	3.4	3.2	16.4	16.4	16.4
McAllen-Edinburg-Mission .....	8.8	8.5	8.4	4.8	5.1	5.2	26.6	27.3	27.9
Midland .....	10.2	10.5	10.8	2.6	2.8	2.8	23.2	23.7	23.9
Odessa .....	3.6	3.2	3.2	2.5	2.5	2.5	12.2	12.6	12.4
San Angelo .....	5.0	4.5	4.4	2.6	2.6	2.6	15.8	16.0	16.1
San Antonio .....	5.6	5.2	5.4	3.8	3.9	3.9	9.6	10.0	10.0
Sherman-Denison .....	52.1	51.0	49.5	18.3	18.3	18.3	122.8	127.4	127.7
Texarkana .....	12.5	12.1	11.9	2.1	2.1	2.1	8.0	8.2	8.2
Tyler .....	7.7	7.5	7.6	1.9	1.9	1.8	11.6	12.1	12.0
Victoria .....	12.6	11.3	12.3	2.9	3.0	2.9	15.9	16.2	16.3
Waco .....	2.9	3.0	2.9	1.5	1.5	1.7	8.1	8.4	8.7
Wichita Falls .....	16.1	15.9	15.8	3.6	3.7	3.7	19.8	19.4	19.6
	9.2	9.2	9.2	2.6	2.6	2.5	12.3	12.7	12.7
<b>Utah</b>									
Provo-Orem .....	96.0	96.7	96.7	36.8	36.8	36.9	143.7	149.2	149.5
Salt Lake City-Ogden .....	12.6	12.2	12.3	2.3	2.4	2.3	14.4	15.0	15.0
	64.3	65.4	65.3	28.8	28.4	28.6	104.9	108.9	109.5
<b>Vermont</b>									
Burlington .....	48.9	49.6	48.8	9.4	9.2	9.2	48.1	49.3	49.9
Springfield .....	16.3	16.9	16.4	2.7	2.6	2.6	15.1	15.5	15.8
	4.1	4.0	4.0	.7	.7	.7	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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>Pennsylvania-Continued</b>									
Reading .....	6.9	7.5	7.4	26.9	27.8	27.8	15.4	14.3	15.5
Scranton-Wilkes-Barre .....	11.3	12.1	12.1	59.2	64.3	62.5	39.5	39.5	40.3
Sharon .....	1.3	1.4	1.3	9.7	9.5	9.6	4.8	4.7	4.6
State College .....	1.5	1.6	1.6	7.6	8.1	8.0	20.3	17.8	20.9
Williamsport .....	2.3	2.2	2.2	8.7	9.3	9.1	5.5	5.4	5.9
York .....	4.3	4.6	4.6	26.5	27.7	28.4	17.3	16.9	17.6
<b>Rhode Island</b>									
Pawtucket-Woonsocket-Attleboro .....	22.9	24.0	24.1	98.4	98.7	99.0	57.1	55.4	56.6
Providence .....	3.3	3.5	3.5	20.6	21.1	21.2	8.9	9.2	9.4
Providence .....	19.0	19.3	19.3	72.6	71.9	72.1	43.2	40.6	41.7
<b>South Carolina</b>									
Charleston .....	55.4	59.3	58.7	205.4	225.7	226.8	241.0	230.2	248.0
Columbia .....	7.8	8.9	8.8	30.6	32.8	32.9	46.8	47.1	47.3
Columbia .....	15.7	16.3	16.3	35.0	34.6	34.5	55.1	50.7	52.9
Greenville-Spartanburg .....	11.2	11.2	11.2	43.2	43.2	43.2	34.4	31.4	35.0
<b>South Dakota</b>									
Sioux Falls .....	13.1	13.7	13.5	58.8	59.9	58.7	54.6	54.0	56.8
Sioux Falls .....	5.2	6.1	6.0	15.2	16.3	16.3	6.8	6.8	7.3
<b>Tennessee</b>									
Chattanooga .....	87.1	92.5	91.5	353.0	371.8	369.7	289.6	289.3	301.8
Chattanooga .....	10.4	11.1	11.1	32.4	35.4	41.6	34.1	38.1	38.7
Johnson City-Kingsport-Bristol .....	4.9	4.9	4.8	23.4	23.0	23.8	23.8	24.5	25.4
Knoxville .....	9.1	9.4	9.5	48.7	49.4	50.7	45.2	41.5	44.6
Memphis .....	21.4	22.1	22.0	88.6	93.4	93.4	63.8	64.3	67.8
Nashville .....	28.8	30.7	30.4	89.1	90.6	91.5	61.0	60.3	62.9
<b>Texas</b>									
Abilene .....	418.7	429.1	429.6	1,271.7	1,320.5	1,308.2	1,079.3	1,094.6	1,131.4
Abilene .....	2.7	2.7	2.7	12.8	12.4	13.0	8.1	7.4	8.0
Amarillo .....	4.4	4.4	4.3	15.5	15.9	15.8	13.3	12.4	13.6
Austin .....	23.0	25.3	25.4	73.4	79.7	80.7	88.8	78.2	90.4
Beaumont-Port Arthur .....	5.6	5.5	5.5	28.4	28.0	27.6	19.8	18.4	19.7
Brazoria .....	2.2	2.4	2.4	7.4	7.6	7.5	9.9	9.6	10.6
Brownsville-Harlingen .....	3.2	3.4	3.4	11.8	11.9	11.9	14.0	12.9	14.6
Bryan-College Station .....	1.9	1.9	1.9	7.4	7.6	7.8	19.3	17.6	18.0
Corpus Christi .....	6.6	6.4	6.4	26.1	26.8	27.4	27.5	25.8	27.4
Dallas .....	114.9	118.7	118.6	257.7	260.1	261.2	129.4	126.3	134.2
El Paso .....	8.3	8.6	8.6	30.1	31.1	31.0	34.4	32.9	34.6
Ft. Worth-Arlington .....	25.9	27.7	27.6	90.2	97.4	96.9	57.5	57.4	61.1
Galveston-Texas City .....	4.9	5.0	4.9	12.2	13.4	13.0	19.9	18.9	21.3
Houston .....	109.8	118.3	118.1	324.6	340.6	339.4	171.1	173.8	181.9
Killeen-Temple .....	2.7	3.0	3.0	11.8	11.9	12.1	18.5	18.9	18.9
Laredo .....	1.5	1.6	1.6	5.0	5.1	5.2	7.2	7.1	7.7
Longview-Marshall .....	3.0	3.1	2.9	10.9	10.9	11.0	8.5	7.9	8.3
Lubbock .....	5.6	5.9	5.7	19.9	19.7	19.9	20.6	20.4	21.7
McAllen-Edinburg-Mission .....	3.5	3.6	3.6	12.0	12.1	12.4	19.8	18.6	21.0
Midland .....	3.6	3.6	3.5	8.8	9.1	9.0	5.8	6.2	6.8
Odessa .....	2.2	2.0	2.0	7.9	8.3	8.2	7.4	7.9	7.8
San Angelo .....	1.7	1.8	1.8	7.8	7.5	7.5	6.5	6.2	6.6
San Antonio .....	34.0	36.1	36.1	99.5	101.7	102.0	99.2	97.3	101.5
Sherman-Denison .....	1.3	1.4	1.4	7.1	7.1	7.3	4.9	4.6	4.9
Texarkana .....	1.7	1.7	1.7	8.3	8.5	8.6	12.7	12.4	12.7
Tyler .....	3.4	3.5	3.6	12.2	12.6	12.6	7.8	7.7	8.0
Victoria .....	1.6	1.6	1.6	5.5	5.3	5.2	4.2	4.0	4.1
Waco .....	4.9	4.9	4.8	17.4	17.2	18.0	11.3	10.6	11.6
Wichita Falls .....	2.4	2.5	2.5	9.6	9.4	9.5	10.2	9.4	10.1
<b>Utah</b>									
Provo-Orem .....	30.2	31.3	31.4	124.9	130.8	133.2	129.8	129.9	135.4
Salt Lake City-Ogden .....	2.1	2.2	2.2	22.9	22.4	25.4	12.3	13.1	13.6
Salt Lake City-Ogden .....	24.7	25.3	25.2	84.9	91.7	91.0	85.0	85.4	88.1
<b>Vermont</b>									
Burlington .....	9.6	10.2	10.1	52.5	55.8	55.9	36.3	32.8	36.5
Springfield .....	2.8	2.9	2.9	15.4	16.3	16.9	10.1	9.2	10.4
Springfield .....	.4	.4	.4	3.2	3.3	3.3	1.7	1.5	1.7

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	Total			Mining			Construction		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>Virginia</b> .....	2,362.2	2,415.1	2,443.7	18.5	17.4	17.5	140.1	157.1	155.4
Bristol .....	28.7	28.6	28.9	.1	.1	.1	1.2	1.1	1.1
Charlottesville .....	61.6	58.7	62.1	.1	.1	.1	3.3	3.6	3.5
Danville .....	40.5	39.3	40.4	.1	.1	.1	1.5	1.6	1.6
Lynchburg .....	69.8	68.7	70.1	.1	.1	.1	2.6	2.9	2.9
Norfolk-Virginia Beach-Newport News .....	494.7	505.9	510.2	.1	.1	.1	31.1	33.0	32.7
Northern Virginia .....	579.2	620.6	621.6	.6	.4	.4	38.5	44.1	44.7
Richmond-Petersburg .....	385.0	391.0	393.2	.4	.4	.3	21.1	25.5	24.8
Roanoke .....	108.1	112.2	112.2	.1	.1	.1	6.0	6.8	6.7
<b>Washington</b> .....	1,671.8	1,697.9	1,713.4	2.7	2.9	2.9	83.6	89.4	89.8
Seattle .....	819.2	838.0	838.8	.6	.5	.5	40.6	42.7	42.9
<b>West Virginia</b> .....	603.8	587.3	587.8	50.2	44.8	44.8	26.9	26.6	27.2
Charleston .....	108.0	107.0	106.7	3.1	2.6	2.6	5.6	5.4	5.5
Huntington-Ashland .....	99.7	97.2	97.6	1.0	1.0	1.0	4.1	4.2	4.4
Parkersburg-Marietta .....	57.6	57.1	56.6	1.2	1.2	1.2	3.1	2.9	3.0
Wheeling .....	58.9	56.9	56.8	3.1	2.5	2.5	2.5	2.5	2.6
<b>Wisconsin</b> .....	1,988.0	1,997.4	2,014.3	2.0	2.2	2.1	65.4	67.0	67.4
Appleton-Oshkosh-Neenah .....	131.7	137.5	138.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	6.7	6.8
Eau Claire .....	50.5	49.9	51.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.5	1.5
Green Bay .....	87.8	88.3	88.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	3.9	4.2
Janesville-Beloit .....	53.4	52.3	52.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.5	1.6
Kenosha .....	42.1	36.5	36.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	.8	.9
La Crosse .....	47.2	44.9	48.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.2	1.2
Madison .....	180.6	186.3	189.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	7.5	7.4
Milwaukee .....	664.1	660.5	665.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.3	20.1	20.2
Racine .....	67.9	66.3	67.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.9	2.0
Sheboygan .....	44.7	44.3	44.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.4	1.3
Wausau .....	41.9	41.8	41.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.1	1.2
<b>Wyoming</b> .....	202.8	205.5	204.0	26.9	27.1	26.3	15.1	12.3	11.6
<b>Puerto Rico</b> .....	681.9	663.7	669.2	.7	.6	.6	27.2	23.5	22.7
Caguas .....	40.7	39.2	39.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Mayaguez .....	48.8	47.0	47.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Ponce .....	41.5	39.0	39.6	.1	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.5	1.5
San Juan .....	427.2	408.6	411.5	.4	.3	.3	20.0	18.0	17.2
<b>Virgin Islands</b> .....	35.0	36.1	34.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	2.4	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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>
<b>Virginia</b> .....	426.1	419.5	422.0	129.8	132.2	131.9	518.9	542.1	540.7
Bristol .....	10.2	9.8	9.8	1.1	1.2	1.2	6.6	6.9	6.9
Charlottesville .....	10.2	9.4	9.4	2.0	1.9	1.8	10.8	11.3	11.3
Danville .....	18.9	17.2	17.7	1.0	1.0	1.1	7.7	8.3	8.2
Lynchburg .....	26.5	25.0	25.3	3.1	3.3	3.2	12.8	13.7	13.9
Norfolk-Virginia Beach-Newport News .....	68.7	68.7	68.5	24.7	25.7	25.7	119.4	123.8	124.8
Northern Virginia .....	29.4	32.1	31.8	39.7	43.6	43.2	130.1	139.2	138.2
Richmond-Petersburg .....	64.7	63.3	63.0	21.4	21.1	20.9	90.7	92.8	93.0
Roanoke .....	21.1	20.6	20.5	8.2	8.4	8.3	27.4	28.7	28.5
<b>Washington</b> .....	292.3	296.1	298.3	92.6	93.5	94.3	412.6	427.5	427.8
Seattle .....	157.8	163.7	164.7	55.3	55.8	56.6	203.4	208.0	208.3
<b>West Virginia</b> .....	91.8	88.4	87.6	40.1	38.3	38.0	132.1	134.9	134.4
Charleston .....	13.3	13.8	13.4	9.1	8.8	8.9	28.0	27.8	27.8
Huntington-Ashland .....	21.5	19.9	20.2	8.4	7.8	7.8	25.2	25.3	25.0
Parkersburg-Marietta .....	15.0	14.6	13.8	2.2	2.1	2.1	13.6	13.9	13.8
Wheeling .....	8.3	7.2	7.1	3.4	3.3	3.2	15.0	15.0	14.9
<b>Wisconsin</b> .....	533.4	525.2	523.5	91.0	88.4	92.5	466.3	482.6	482.2
Appleton-Oshkosh-Neenah .....	47.6	49.2	48.4	4.5	4.4	4.6	29.3	31.2	31.6
Eau Claire .....	9.3	9.1	8.9	2.7	2.7	2.7	14.5	14.8	15.0
Green Bay .....	23.8	24.8	24.1	6.1	6.1	6.1	23.4	23.6	23.4
Janesville-Beloit .....	19.2	19.0	18.8	2.2	2.0	2.2	12.7	12.9	12.9
Kenosha .....	16.5	12.5	12.4	1.4	1.4	1.4	8.4	8.7	8.6
La Crosse .....	11.1	8.8	10.8	2.1	2.1	2.1	12.7	12.8	13.1
Madison .....	19.7	21.8	22.0	6.1	6.2	6.3	39.9	40.4	41.5
Milwaukee .....	176.0	167.9	168.1	33.2	32.4	34.1	148.7	152.9	152.1
Racine .....	26.1	24.3	25.0	2.3	2.2	2.3	15.0	15.6	15.4
Sheboygan .....	19.7	18.8	18.7	1.3	1.2	1.3	8.5	8.8	8.6
Wausau .....	11.2	12.0	11.8	2.1	2.0	2.0	10.7	10.8	10.7
<b>Wyoming</b> .....	8.8	8.7	8.6	15.8	15.3	15.0	45.1	44.3	43.4
<b>Puerto Rico</b> .....	150.1	148.5	148.6	15.7	15.0	14.2	112.8	113.2	113.5
Caguas .....	13.6	13.4	13.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.7	7.6	7.5
Mayaguez .....	19.6	19.3	19.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.1	5.9	5.9
Ponce .....	8.4	8.0	8.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.3	6.0	5.8
San Juan .....	67.1	67.2	67.5	12.4	11.4	10.8	78.9	78.1	78.7
<b>Virgin Islands</b> .....	2.3	2.0	1.9	2.3	2.2	2.2	7.4	7.6	7.6

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>Virginia</b> .....	119.1	125.2	123.3	506.9	532.5	530.7	502.7	489.1	522.2
Bristol .....	1.1	1.1	1.0	3.9	4.1	4.2	4.6	4.5	4.7
Charlottesville .....	3.4	3.8	3.7	10.0	11.0	10.9	21.8	17.7	21.3
Danville .....	1.1	1.1	1.1	5.4	5.7	5.6	4.9	4.3	5.0
Lynchburg .....	3.1	3.1	3.1	12.7	12.5	12.7	9.0	8.2	8.9
Norfolk-Virginia Beach-Newport News .....	21.5	22.3	21.8	107.8	112.3	111.4	121.6	119.9	125.1
Northern Virginia .....	35.7	38.8	38.7	169.0	182.3	181.9	136.1	140.0	142.7
Richmond-Petersburg .....	29.6	31.0	30.8	73.0	74.6	74.8	84.2	82.4	85.6
Roanoke .....	6.5	6.6	6.7	24.7	26.5	26.7	14.0	14.5	14.6
<b>Washington</b> .....	95.5	98.2	97.9	357.5	369.8	373.8	335.0	323.5	328.6
Seattle .....	60.3	62.3	62.2	178.0	185.9	187.0	123.2	119.1	116.6
<b>West Virginia</b> .....	23.5	23.9	23.7	109.8	107.2	107.6	129.5	123.2	124.6
Charleston .....	5.6	5.9	5.7	22.4	22.6	22.5	21.0	20.3	20.3
Huntington-Ashland .....	3.9	3.8	3.8	16.4	16.6	16.4	19.2	18.7	18.9
Parkersburg-Marietta .....	2.1	2.2	2.2	11.0	11.2	11.3	9.3	9.0	9.3
Wheeling .....	2.9	3.1	3.2	14.6	14.2	14.3	9.0	9.1	8.9
<b>Wisconsin</b> .....	103.3	108.3	107.3	412.8	428.0	423.0	313.8	295.8	316.3
Appleton-Oshkosh-Neenah .....	6.3	6.7	6.7	22.8	24.1	24.1	15.0	14.9	14.9
Eau Claire .....	1.9	2.0	1.9	10.7	11.3	11.1	10.1	8.7	10.0
Green Bay .....	2.9	2.9	2.9	17.4	17.6	17.9	10.2	9.3	10.0
Janesville-Beloit .....	1.5	1.6	1.6	9.8	9.8	9.8	6.3	5.4	6.0
Kenosha .....	.9	.9	.9	7.4	7.1	7.1	6.3	5.0	5.2
La Crosse .....	1.3	1.4	1.4	11.9	12.5	12.8	6.9	6.1	6.8
Madison .....	14.3	16.1	16.0	37.1	39.1	39.1	57.0	55.1	56.8
Milwaukee .....	44.3	45.2	45.1	163.5	167.3	166.3	77.9	74.5	78.9
Racine .....	2.3	2.4	2.4	12.5	12.3	12.2	8.0	7.6	7.7
Sheboygan .....	1.8	1.9	1.9	6.8	7.2	7.2	5.2	4.9	5.1
Wausau .....	3.7	3.4	3.3	7.1	7.5	7.2	5.5	5.1	5.2
<b>Wyoming</b> .....	8.0	8.0	8.0	33.6	40.6	38.7	49.5	49.2	52.4
<b>Puerto Rico</b> .....	29.0	30.2	30.2	91.0	89.0	89.9	255.3	243.8	249.6
Caguas .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.8	13.6	14.0
Mayaguez .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.5	14.8	15.0
Ponce .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.7	6.8	7.1	14.6	13.7	14.1
San Juan .....	23.2	24.2	24.2	69.6	65.8	65.8	155.5	143.6	147.0
<b>Virgin Islands</b> .....	1.7	1.7	1.7	5.8	5.9	5.8	13.6	14.3	13.2

<sup>1</sup> Not available.

<sup>p</sup> = 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 workers<sup>1</sup> on private nonagricultural payrolls by major industry, 1964 to date**

Year and month	Total private <sup>1</sup>			Mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
<b>Annual averages</b>									
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
<b>Monthly data, not seasonally adjusted</b>									
<b>1984:</b>									
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
<b>1985:</b>									
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 .....	35.3	8.54	301.46	42.9	11.88	509.65	38.6	12.16	469.38
August .....	35.4	8.54	302.32	43.3	11.95	517.44	38.3	12.22	468.03
September <sup>a</sup> .....	35.2	8.67	305.18	43.8	12.00	525.60	38.5	12.39	477.02
October <sup>b</sup> .....	35.0	8.65	302.75	43.1	11.98	516.34	38.1	12.38	471.68

See footnotes at end of table.



**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**C-1. Average hours and earnings of production or nonsupervisory workers' 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	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	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										
<b>1984:</b>										
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
<b>1985:</b>										
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 .....	40.1	9.53	9.17	382.15	39.5	11.35	448.33	38.8	9.27	359.68
August .....	40.4	9.48	9.10	382.99	39.9	11.40	454.86	38.8	9.25	358.90
September <sup>p</sup> .....	40.8	9.54	9.14	389.23	39.7	11.50	456.55	38.8	9.33	362.00
October <sup>r</sup> .....	40.7	9.54	9.15	388.28	39.4	11.45	451.13	38.6	9.25	357.05

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**C-1. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> 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
<b>Annual averages</b>									
1964 .....	37.0	\$1.75	\$64.75	37.3	\$2.30	\$85.79	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
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
<b>Monthly data, not seasonally adjusted</b>									
<b>1984:</b>									
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
<b>1985:</b>									
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	7.88	257.68
June .....	30.2	5.94	179.39	36.7	7.95	291.77	33.0	7.91	261.03
July .....	30.4	5.93	180.27	36.3	7.87	285.68	33.1	7.86	260.17
August .....	30.3	5.91	179.07	36.3	7.90	286.77	33.1	7.87	260.50
September <sup>p</sup> .....	29.6	6.00	177.60	36.5	8.02	292.73	32.8	8.04	263.71
October <sup>p</sup> .....	29.5	5.97	176.12	36.1	7.98	288.08	32.7	8.05	263.24

<sup>1</sup> 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.

<sup>2</sup> Not available.

<sup>p</sup> = 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  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Oct. 1985 <sup>P</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Oct. 1985 <sup>P</sup>
<b>Total private</b> .....		35.4	35.1	35.4	35.2	35.0					
<b>Mining</b> .....		44.0	43.2	43.3	43.8	43.1					
Metal mining .....	10	41.2	40.7	40.6	40.6						
Iron ores .....	101	39.0	38.5	39.5	38.6						
Copper ores .....	102	43.2	42.0	41.1	41.8						
Coal mining .....	11,12	41.4	38.9	41.2	42.5						
Bituminous coal and lignite mining .....	12	41.5	38.9	41.3	42.6						
Oil and gas extraction .....	13	44.8	44.5	43.8	44.3						
Crude petroleum, natural gas, and natural gas liquids .....	131,2	42.8	42.2	41.8	42.1						
Oil and gas field services .....	138	45.6	45.4	44.7	45.2						
Nonmetallic minerals, except fuels .....	14	46.2	45.3	45.4	45.6						
Crushed and broken stone .....	142	47.6	46.7	47.5	47.2						
<b>Construction</b> .....		38.5	38.0	38.3	38.5	38.1					
General building contractors .....	15	37.7	37.5	37.5	37.7						
Residential building construction .....	152	37.0	36.9	37.0	37.1						
Operative builders .....	153	39.3	39.0	39.7	38.3						
Nonresidential building construction .....	154	38.2	38.0	37.9	38.2						
Heavy construction contractors .....	16	43.1	41.4	42.5	42.9						
Highway and street construction .....	161	45.0	42.8	43.6	44.0						
Heavy construction, except highway .....	162	42.0	40.7	41.8	42.2						
Special trade contractors .....	17	37.3	37.0	37.4	37.6						
Plumbing, heating, and air conditioning .....	171	38.1	38.1	38.5	38.5						
Painting, paper hanging, and decorating .....	172	35.7	34.8	35.6	35.5						
Electrical work .....	173	39.1	39.2	38.9	39.3						
Masonry, stonework, and plastering .....	174	35.8	35.4	35.9	36.2						
Carpentering and flooring .....	175	35.4	35.4	35.8	35.9						
Roofing and sheet metal work .....	176	35.0	33.7	35.3	34.8						
<b>Manufacturing</b> .....		40.7	40.5	40.4	40.8	40.7	3.6	3.4	3.4	3.6	3.5
<b>Durable goods</b> .....		41.5	41.3	41.0	41.4	41.3	3.7	3.6	3.4	3.7	3.6
Lumber and wood products .....	24	40.5	39.8	40.4	40.6	40.4	3.4	3.1	3.6	3.6	
Logging camps and logging contractors .....	241	41.1	39.1	39.9	40.5	-	4.1	3.5	3.7	3.5	
Sawmills and planing mills .....	242	41.1	40.3	41.0	41.0		3.8	3.5	4.0	3.9	
Sawmills and planing mills, general .....	2421	41.4	40.4	41.3	41.3		4.1	3.8	4.3	4.1	
Hardwood dimension and flooring .....	2426	40.0	40.1	39.5	39.7		2.6	2.5	2.6	2.7	
Millwork, plywood, and structural members .....	243	40.5	40.3	41.0	41.0		3.4	3.1	3.9	3.9	
Millwork .....	2431	40.6	40.0	42.2	41.8		2.7	2.4	4.3	4.1	
Wood kitchen cabinets .....	2434	40.6	40.1	39.9	39.9		3.8	3.2	3.0	3.4	
Hardwood veneer and plywood .....	2435	39.2	39.8	39.6	40.4		2.8	2.9	3.1	3.0	
Softwood veneer and plywood .....	2436	41.2	41.3	41.2	41.5		4.2	4.0	4.6	4.8	
Wood containers .....	244	38.3	38.4	38.4	38.6		2.3	2.2	2.2	2.4	
Wood buildings and mobile homes .....	245	38.6	38.4	39.0	39.4		2.4	2.3	3.0	2.9	
Mobile homes .....	2451	38.6	38.3	38.9	39.6		2.3	2.2	2.8	2.7	
Miscellaneous wood products .....	249	40.6	40.4	40.4	40.6		3.0	3.0	3.1	3.4	
Furniture and fixtures .....	25	40.1	40.2	39.5	39.9	40.0	2.7	2.8	2.5	2.7	
Household furniture .....	251	39.5	39.7	38.6	39.3	-	2.3	2.5	1.9	2.2	
Wood household furniture .....	2511	39.7	40.0	38.8	39.6		2.4	2.8	2.0	2.3	
Upholstered household furniture .....	2512	39.0	39.7	37.9	38.7		1.8	2.3	1.5	2.0	
Metal household furniture .....	2514	40.2	39.8	38.9	39.7		2.7	2.3	2.4	3.0	
Mattresses and bedsprings .....	2515	39.5	38.7	39.8	39.4		2.3	1.8	2.8	2.6	
Office furniture .....	252	42.1	42.0	40.8	40.6		3.9	3.9	3.3	3.1	
Public building and related furniture .....	253	39.7	40.0	40.0	40.7		2.5	2.5	3.2	3.3	
Partitions and fixtures .....	254	40.7	40.6	40.7	41.5		3.8	3.4	3.6	4.1	
Miscellaneous furniture and fixtures .....	259	40.9	40.4	41.6	40.6		2.7	2.4	3.2	2.7	
Stone, clay, and glass products .....	32	42.4	42.2	42.4	42.5	42.4	5.2	4.9	5.2	5.3	
Flat glass .....	321	44.3	45.2	45.1	46.1	-	5.4	5.9	6.8	7.7	
Glass and glassware, pressed or blown .....	322	40.9	41.0	40.8	41.0		4.3	4.3	4.5	4.3	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Oct. 1985 <sup>a</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Oct. 1985 <sup>a</sup>
<b>Total private</b> .....		\$8.43	\$8.40	\$8.54	\$8.67	\$8.65	\$298.42	\$294.84	\$302.32	\$305.18	\$302.75
<b>Mining</b> .....		11.72	11.58	11.95	12.00	11.98	515.68	500.26	517.44	525.60	516.34
Metal mining .....	10	13.23	13.26	13.55	13.45		545.08	539.68	550.13	546.07	
Iron ores .....	101	13.03	13.00	13.36	13.14		508.17	500.50	527.72	507.20	
Copper ores .....	102	13.81	13.72	13.52	13.56		596.59	576.24	555.67	566.81	
Coal mining .....	11,12	15.11	14.85	15.12	15.24		625.55	577.67	622.94	647.70	
Bituminous coal and lignite mining .....	12	15.17	14.92	15.17	15.28		629.56	580.39	626.52	650.93	
Oil and gas extraction .....	13	10.71	10.72	11.08	11.09		479.81	477.04	485.30	491.29	
Crude petroleum, natural gas, and natural gas liquids .....	131,2	12.83	12.71	13.12	13.49		549.12	536.36	548.42	567.93	
Oil and gas field services .....	138	9.90	9.97	10.26	10.14		451.44	452.64	458.62	458.33	
Nonmetallic minerals, except fuels .....	14	10.04	9.97	10.19	10.25		463.85	451.64	462.63	467.40	
Crushed and broken stone .....	142	9.53	9.42	9.82	9.83		453.63	439.91	466.45	463.98	
<b>Construction</b> .....		12.24	12.23	12.22	12.39	12.38	471.24	464.74	468.03	477.02	471.68
General building contractors .....	15	11.04	11.03	11.18	11.35		416.21	413.63	419.25	427.90	
Residential building construction .....	152	10.35	10.32	10.66	10.78		382.95	380.81	394.42	399.94	
Operative builders .....	153	9.08	9.16	9.22	9.23		356.84	357.24	366.03	353.51	
Nonresidential building construction .....	154	11.87	11.86	11.85	12.04		453.43	450.68	449.12	459.93	
Heavy construction contractors .....	16	12.02	11.94	12.12	12.23		518.06	494.32	515.10	524.67	
Highway and street construction .....	161	11.20	11.15	11.42	11.71		504.00	477.22	497.91	515.24	
Heavy construction, except highway .....	162	12.52	12.40	12.56	12.55		525.84	504.68	525.01	529.61	
Special trade contractors .....	17	12.87	12.88	12.73	12.91		480.05	476.56	476.10	485.42	
Plumbing, heating, and air conditioning .....	171	12.90	12.94	12.91	13.11		491.49	493.01	497.04	504.74	
Painting, paper hanging, and decorating .....	172	11.97	11.81	11.99	12.12		427.33	410.99	426.84	430.26	
Electrical work .....	173	14.53	14.40	14.18	14.32		568.12	564.48	551.60	562.78	
Masonry, stonework, and plastering .....	174	12.85	12.85	12.95	13.05		460.03	454.89	464.91	472.41	
Carpentering and flooring .....	175	12.02	11.96	11.97	12.02		425.51	423.38	428.53	431.52	
Roofing and sheet metal work .....	176	11.31	11.35	11.41	11.61		395.85	382.50	402.77	404.03	
<b>Manufacturing</b> .....		9.24	9.24	9.48	9.54	9.54	376.07	374.22	382.99	389.23	388.28
<b>Durable goods</b> .....		9.79	9.78	10.05	10.14	10.14	406.29	403.91	412.05	419.80	418.78
Lumber and wood products .....	24	8.20	8.11	8.26	8.31	8.30	332.10	322.78	333.70	337.39	335.32
Logging camps and logging contractors .....	241	11.19	11.06	10.95	11.13	-	459.91	432.45	436.91	450.77	-
Sawmills and planing mills .....	242	8.50	8.42	8.57	8.60		349.35	339.33	351.37	352.60	
Sawmills and planing mills, general .....	2421	8.98	8.89	8.99	9.02		371.77	359.16	371.29	372.53	
Hardwood dimension and flooring .....	2426	5.86	5.90	6.31	6.32		234.40	236.59	249.25	250.90	
Millwork, plywood, and structural members .....	243	7.90	7.85	8.07	8.11		319.95	316.36	330.87	332.51	
Millwork .....	2431	8.06	7.98	8.36	8.41		327.24	319.20	352.79	351.54	
Wood kitchen cabinets .....	2434	7.17	7.15	7.19	7.19		291.10	286.72	286.88	286.88	
Hardwood veneer and plywood .....	2435	6.33	6.32	6.71	6.59		248.14	251.54	265.72	266.24	
Softwood veneer and plywood .....	2436	9.88	9.82	9.86	9.88		407.06	405.57	406.23	410.02	
Wood containers .....	244	5.76	5.75	5.82	5.89		220.61	220.80	223.49	227.35	
Wood buildings and mobile homes .....	245	7.12	7.11	7.42	7.42		274.83	273.02	289.38	292.35	
Mobile homes .....	2451	7.19	7.18	7.52	7.48		277.53	274.99	292.53	296.21	
Miscellaneous wood products .....	249	6.87	6.82	7.11	7.10		278.92	275.53	287.24	288.26	
Furniture and fixtures .....	25	6.94	6.93	7.22	7.28	7.30	278.29	278.59	285.19	290.47	292.00
Household furniture .....	251	6.39	6.39	6.59	6.65	-	252.41	253.68	254.37	261.35	-
Wood household furniture .....	2511	5.85	5.85	6.07	6.13		232.25	234.00	235.52	242.75	
Upholstered household furniture .....	2512	6.91	6.93	7.09	7.21		269.49	275.12	268.71	279.03	
Metal household furniture .....	2514	6.70	6.71	7.00	7.08		269.34	267.06	272.30	281.08	
Mattresses and bedsprings .....	2515	7.05	7.00	7.09	7.08		278.48	270.90	282.18	278.95	
Office furniture .....	252	7.68	7.72	8.11	8.12		323.33	324.24	330.89	329.67	
Public building and related furniture .....	253	7.43	7.50	7.71	7.78		294.97	300.00	308.40	316.65	
Partitions and fixtures .....	254	8.30	8.25	8.69	8.83		337.81	334.95	353.68	366.45	
Miscellaneous furniture and fixtures .....	259	7.36	7.35	7.69	7.71		301.02	296.94	319.90	313.03	
Stone, clay, and glass products .....	32	9.65	9.64	9.87	9.89	9.85	409.16	406.81	418.49	420.33	417.64
Flat glass .....	321	12.91	13.04	13.97	14.25	-	571.91	589.41	630.05	656.93	
Glass and glassware, pressed or blown .....	322	10.56	10.54	10.87	10.81		431.90	432.14	443.50	443.21	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products—Continued											
Glass containers .....	3221	40.9	40.6	41.4	41.5	-	5.0	5.0	5.6	5.3	
Pressed and blown glass, nec .....	3229	40.9	41.6	40.1	40.3	-	3.4	3.5	3.1	3.1	
Products of purchased glass .....	323	41.3	41.4	41.0	41.4	-	3.8	4.0	3.5	3.8	
Cement, hydraulic .....	324	39.9	40.3	40.6	40.9	-	2.8	2.6	3.8	3.3	
Structural clay products .....	325	42.4	42.0	41.3	41.2	-	4.2	3.9	4.0	3.9	
Pottery and related products .....	326	39.5	39.8	39.5	39.8	-	2.7	2.8	2.5	2.9	
Concrete, gypsum, and plaster products .....	327	44.5	43.7	44.9	44.7	-	7.4	6.8	7.4	7.4	
Concrete block and brick .....	3271	45.4	44.5	46.5	45.6	-	7.2	6.8	8.3	7.3	
Concrete products, nec .....	3272	44.1	43.4	44.4	44.3	-	6.8	6.3	6.8	6.6	
Ready-mixed concrete .....	3273	44.3	43.3	44.2	44.1	-	7.8	6.9	7.4	7.6	
Misc. nonmetallic mineral products .....	329	42.0	41.7	40.7	41.0	-	4.5	4.2	3.8	4.0	
Abrasive products .....	3291	40.7	40.5	38.9	39.2	-	2.9	2.7	2.0	1.9	
Asbestos products .....	3292	44.4	42.9	41.7	40.9	-	4.9	4.4	3.7	3.5	
Primary metal industries											
Blast furnaces and basic steel products .....	33	41.5	40.9	41.3	41.7	41.7	3.8	3.6	3.8	3.9	
Blast furnaces and steel mills .....	331	40.3	39.4	41.2	41.3	41.5	2.8	2.4	3.5	3.3	
Steel pipe and tubes .....	3312	39.8	38.8	41.0	41.2	-	2.6	2.2	3.5	3.3	
Iron and steel foundries .....	3317	42.2	40.7	42.6	42.1	-	3.9	2.9	4.3	3.8	
Gray iron foundries .....	332	41.3	40.9	40.5	41.4	-	3.8	3.7	3.5	3.8	
Malleable iron foundries .....	3321	41.3	41.2	41.1	41.4	-	4.0	4.2	4.1	4.3	
Steel foundries, nec .....	3322	40.6	40.3	38.8	39.0	-	2.7	2.7	1.8	2.2	
Primary nonferrous metals .....	3325	40.6	39.0	38.7	41.5	-	3.1	2.2	2.1	3.0	
Primary aluminum .....	333	41.8	42.2	41.4	41.7	-	3.4	3.3	3.5	3.4	
Nonferrous rolling and drawing .....	3334	42.3	43.1	41.8	41.8	-	3.6	3.4	3.9	3.5	
Copper rolling and drawing .....	335	43.3	42.6	42.2	42.3	-	5.7	5.3	5.0	4.9	
Aluminum sheet, plate, and foil .....	3351	43.8	43.0	42.2	41.4	-	5.4	5.0	4.1	3.5	
Nonferrous wire drawing and insulating .....	3353	42.0	41.7	42.1	42.2	-	5.7	5.3	5.6	5.7	
Nonferrous foundries .....	3357	43.4	42.9	41.8	42.4	-	6.2	5.8	5.1	5.1	
Aluminum foundries .....	336	42.3	42.0	41.8	42.0	-	3.9	3.9	3.6	3.9	
Fabricated metal products .....	3361	42.4	42.3	42.5	42.4	-	4.1	4.1	4.1	4.4	
Metal cans and shipping containers .....	34	41.4	41.3	41.2	41.5	41.4	3.8	3.6	3.5	3.7	
Metal cans .....	341	43.6	42.5	44.7	44.2	-	6.1	5.1	6.8	6.3	
Cutlery, hand tools, and hardware .....	3411	43.5	42.5	45.3	44.7	-	6.0	5.2	7.2	6.7	
Hand and edge tools, and hand saws and blades .....	342	40.9	40.5	40.3	41.2	-	3.5	3.1	2.9	3.4	
Hardware, nec .....	3423,5	40.2	40.0	40.1	40.9	-	2.5	2.5	2.3	2.6	
Plumbing and heating, except electric .....	3429	41.1	40.5	40.2	41.2	-	4.1	3.4	3.2	3.8	
Plumbing fittings and brass goods .....	343	39.3	39.3	40.3	41.0	-	1.9	1.9	2.7	3.2	
Heating equipment, except electric .....	3432	38.8	38.8	40.2	41.0	-	1.2	1.4	2.4	3.2	
Fabricated structural metal products .....	3433	39.8	40.2	40.0	40.4	-	2.4	2.5	2.8	3.0	
Fabricated structural metal .....	344	41.2	41.2	41.5	41.5	-	3.6	3.4	3.5	3.6	
Metal doors, sash, and trim .....	3441	41.5	41.8	42.6	43.2	-	4.3	4.0	4.3	4.7	
Fabricated plate work (boiler shops) .....	3442	40.5	40.8	42.1	42.2	-	2.9	2.7	3.6	3.7	
Sheet metal work .....	3443	42.1	41.6	41.5	41.6	-	4.1	3.5	3.3	3.5	
Architectural metal work .....	3444	40.3	40.4	40.2	39.9	-	3.3	3.3	2.9	2.7	
Screw machine products, bolts, etc .....	3446	40.4	40.2	39.9	39.3	-	2.7	2.5	3.5	3.1	
Bolts, nuts, rivets, and washers .....	345	42.9	42.7	41.7	41.8	-	4.9	4.9	4.1	4.0	
Metal forgings and stampings .....	3451	42.2	41.9	41.1	41.4	-	4.4	4.3	3.3	3.4	
Iron and steel forgings .....	3452	43.5	43.6	42.3	42.2	-	5.5	5.4	4.9	4.7	
Automotive stampings .....	346	42.3	42.4	41.6	42.8	-	4.6	4.6	3.8	4.6	
Metal stampings, nec .....	3462	42.0	42.3	41.7	41.7	-	4.2	4.2	3.9	3.7	
Metal services, nec .....	3465	44.1	43.9	42.5	44.7	-	5.7	5.7	4.5	6.2	
Plating and polishing .....	3469	40.4	41.0	40.8	41.0	-	3.5	3.6	2.9	3.1	
Metal coating and allied services .....	347	40.8	41.0	40.3	40.5	-	3.7	3.8	3.3	3.4	
Ordnance and accessories, nec .....	3471	40.6	40.4	39.6	40.0	-	3.4	3.4	2.7	3.0	
Ammunition, except for small arms, nec .....	3479	41.4	42.3	42.0	41.6	-	4.4	4.8	4.5	4.3	
Misc. fabricated metal products .....	348	41.0	41.0	40.8	41.1	-	2.9	3.0	2.8	3.1	
Valves and pipe fittings .....	3483	40.0	39.6	40.3	40.7	-	2.0	2.0	2.3	3.0	
Misc. fabricated wire products .....	349	41.0	40.6	40.1	40.2	-	3.0	2.8	2.7	2.9	
Machinery, except electrical .....	3494	41.3	40.9	39.9	39.9	-	3.3	3.0	2.8	2.9	
Engines and turbines .....	3496	40.0	40.1	40.3	40.3	-	2.6	2.5	2.6	2.7	
Turbines and turbine generator sets .....	35	42.0	41.7	41.1	41.6	41.3	3.9	3.6	3.2	3.5	
Internal combustion engines, nec .....	351	41.7	41.2	41.1	41.5	-	3.9	3.7	3.6	3.3	
Farm and garden machinery .....	3511	42.0	41.3	39.4	42.2	-	4.9	5.3	3.9	5.3	
Farm machinery and equipment .....	3519	41.6	41.2	41.7	41.3	-	3.6	3.2	3.5	2.6	
	352	40.0	39.4	40.1	40.5	-	2.1	1.8	2.3	2.6	
	3523	40.2	39.7	40.6	41.1	-	2.3	1.9	2.7	2.9	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Oct. 1985 <sup>a</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Oct. 1985 <sup>a</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products—Continued											
Glass containers .....	3221	\$11.08	\$11.04	\$11.36	\$11.29		\$453.17	\$448.22	\$470.30	\$468.54	
Pressed and blown glass, nec .....	3229	9.93	9.95	10.24	10.19		406.14	413.92	410.62	410.66	
Products of purchased glass .....	323	8.19	8.18	8.51	8.53		338.25	338.65	348.91	353.14	
Cement, hydraulic .....	324	13.41	13.52	13.27	13.36		535.06	544.86	538.76	546.42	
Structural clay products .....	325	7.75	7.73	7.95	8.07		328.60	324.66	328.34	332.48	
Pottery and related products .....	326	8.09	8.13	8.62	8.63		319.56	323.57	340.49	343.47	
Concrete, gypsum, and plaster products .....	327	9.60	9.56	9.65	9.69		427.20	417.77	433.29	433.14	
Concrete block and brick .....	3271	8.08	8.04	8.25	8.30		366.83	357.78	383.63	378.48	
Concrete products, nec .....	3272	8.49	8.46	8.53	8.57		374.41	367.16	378.73	379.65	
Ready-mixed concrete .....	3273	10.58	10.55	10.61	10.65		468.69	456.82	468.96	469.67	
Misc. nonmetallic mineral products .....	329	9.59	9.62	9.99	10.00		402.78	401.15	406.59	410.00	
Abrasive products .....	3291	9.07	9.07	9.27	9.21		369.15	367.34	360.60	361.03	
Asbestos products .....	3292	9.80	9.72	9.96	10.07		435.12	416.99	415.33	411.86	
Primary metal industries .....	33	11.43	11.36	11.63	11.68	\$11.61	474.35	464.62	480.32	487.06	\$484.14
Blast furnaces and basic steel products .....	331	13.01	12.86	13.37	13.44	13.33	524.30	506.68	550.84	555.07	553.20
Blast furnaces and steel mills .....	3312	13.58	13.42	14.01	14.08	-	540.48	520.70	574.41	580.10	-
Steel pipe and tubes .....	3317	10.76	10.60	10.72	10.85		454.07	431.42	456.67	456.79	
Iron and steel foundries .....	332	10.21	10.23	10.42	10.56		421.67	418.41	422.01	437.18	
Gray iron foundries .....	3321	10.58	10.60	10.83	11.03		436.95	436.72	445.11	456.64	
Malleable iron foundries .....	3322	11.00	10.97	11.21	11.24		446.60	442.09	434.95	438.36	
Steel foundries, nec .....	3325	9.54	9.50	9.64	9.71		387.32	370.50	373.07	402.97	
Primary nonferrous metals .....	333	13.38	13.53	13.69	13.66		559.28	570.97	566.77	569.62	
Primary aluminum .....	3334	13.87	13.94	14.10	14.16		586.70	600.81	589.38	591.89	
Nonferrous rolling and drawing .....	335	10.96	10.92	10.99	11.02		474.57	465.19	463.78	466.15	
Copper rolling and drawing .....	3351	9.98	9.92	9.94	9.81		437.12	426.56	419.47	406.13	
Aluminum sheet, plate, and foil .....	3353	13.72	13.61	13.53	13.51		576.24	567.54	569.61	570.12	
Nonferrous wire drawing and insulating .....	3357	10.62	10.59	10.79	10.88		460.91	454.31	451.02	461.31	
Nonferrous foundries .....	336	9.19	9.19	9.22	9.30		388.74	385.98	385.40	390.60	
Aluminum foundries .....	3361	9.44	9.48	9.36	9.50		400.26	401.00	397.80	402.80	
Fabricated metal products .....	34	9.43	9.40	9.61	9.71	9.67	390.40	388.22	395.93	402.97	400.34
Metal cans and shipping containers .....	341	12.76	12.53	13.36	13.35	-	556.34	532.53	597.19	590.07	-
Metal cans .....	3411	13.48	13.25	14.11	14.07		586.38	563.13	639.18	628.93	
Cutlery, hand tools, and hardware .....	342	9.44	9.33	9.68	9.78		386.10	377.87	390.10	402.94	
Hand and edge tools, and hand saws and blades .....	3423,5	8.61	8.55	8.83	8.88		346.12	342.00	354.08	363.19	
Hardware, nec .....	3429	9.88	9.74	10.15	10.31		406.07	394.47	408.03	424.77	
Plumbing and heating, except electric .....	343	8.49	8.51	8.64	8.71		333.66	334.44	348.19	357.11	
Plumbing fittings and brass goods .....	3432	8.05	8.13	8.35	8.43		312.34	315.44	335.67	345.63	
Heating equipment, except electric .....	3433	8.41	8.44	8.50	8.51		334.72	339.29	340.00	343.80	
Fabricated structural metal products .....	344	8.94	8.92	8.94	8.97		368.33	367.50	371.01	372.26	
Fabricated structural metal .....	3441	9.50	9.48	9.38	9.38		394.25	396.26	399.59	405.22	
Metal doors, sash, and trim .....	3442	7.21	7.20	7.32	7.32		292.01	293.76	308.17	308.90	
Fabricated plate work (boiler shops) .....	3443	9.92	9.91	10.04	10.01		417.63	412.26	416.66	416.42	
Sheet metal work .....	3444	9.26	9.17	9.38	9.44		373.18	370.47	377.08	376.66	
Architectural metal work .....	3446	8.86	8.90	8.28	8.36		357.94	357.78	330.37	328.55	
Screw machine products, bolts, etc .....	345	8.95	8.93	9.11	9.21		383.96	381.31	379.89	384.98	
Screw machine products .....	3451	8.22	8.25	8.53	8.56		346.88	345.68	350.58	354.38	
Bolts, nuts, rivets, and washers .....	3452	9.67	9.61	9.68	9.85		420.65	419.00	409.46	415.67	
Metal forgings and stampings .....	346	10.90	10.91	11.26	11.51		461.07	462.58	468.42	492.63	
Iron and steel forgings .....	3462	11.92	11.99	12.23	12.20		500.64	507.18	509.99	508.74	
Automotive stampings .....	3465	12.72	12.76	13.19	13.55		560.95	560.16	560.58	605.69	
Metal stampings, nec .....	3469	8.45	8.50	8.72	8.77		341.38	348.50	355.78	359.57	
Metal services, nec .....	347	7.55	7.54	7.77	7.80		308.04	309.14	313.13	315.90	
Plating and polishing .....	3471	7.41	7.44	7.60	7.63		300.85	300.58	300.96	305.20	-
Metal coating and allied services .....	3479	7.85	7.75	8.14	8.16		324.99	327.83	341.88	339.46	
Ordnance and accessories, nec .....	348	9.90	10.01	10.40	10.40		405.90	410.41	424.32	427.44	
Ammunition, except for small arms, nec .....	3483	9.53	9.64	10.06	10.06		381.20	381.74	405.42	409.44	
Misc. fabricated metal products .....	349	8.81	8.77	8.90	8.98		361.21	356.06	356.89	361.00	
Valves and pipe fittings .....	3494	9.44	9.42	9.47	9.60		389.87	385.28	377.85	383.04	
Misc. fabricated wire products .....	3496	7.94	7.89	8.05	8.08		317.60	316.39	324.42	325.62	
Machinery, except electrical .....	35	10.02	10.02	10.27	10.37	10.38	420.84	417.83	422.10	431.39	428.69
Engines and turbines .....	351	12.93	12.91	12.76	13.00	-	539.18	531.89	524.44	539.50	-
Turbines and turbine generator sets .....	3511	12.58	12.69	12.34	13.22		528.36	524.10	486.20	557.88	
Internal combustion engines, nec .....	3519	13.05	12.99	12.92	12.91		542.88	535.19	538.76	533.18	
Farm and garden machinery .....	352	9.80	9.85	10.05	10.08		392.00	388.09	403.01	408.24	
Farm machinery and equipment .....	3523	10.27	10.34	10.77	10.82		412.85	410.50	437.26	444.70	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Durable goods—Continued</b>											
Machinery, except electrical—Continued											
Construction and related machinery .....	353	42.1	41.6	41.6	42.0		3.3	3.0	2.8	3.1	
Construction machinery .....	3531	41.8	41.5	42.1	42.5		2.8	2.5	2.4	2.7	
Mining machinery .....	3532	41.6	40.5	40.1	41.4		3.2	2.4	2.2	2.9	
Oil field machinery .....	3533	42.9	42.5	41.6	42.7		3.7	3.5	3.2	3.8	
Conveyors and conveying equipment .....	3535	41.6	40.8	41.7	40.8		4.1	3.7	3.3	2.8	
Industrial trucks and tractors .....	3537	41.7	41.1	40.4	39.9		3.4	2.9	2.9	3.1	
Metalworking machinery .....	354	43.2	43.0	42.0	42.6		5.2	5.0	4.2	4.7	
Machine tools, metal cutting types .....	3541	42.6	42.6	42.5	42.8		3.8	4.3	3.7	4.5	
Machine tools, metal forming types .....	3542	42.3	42.6	41.0	42.4		4.2	4.4	3.6	4.4	
Special dies, tools, jigs, and fixtures .....	3544	44.1	44.0	42.9	43.5		6.1	6.0	5.2	5.7	
Machine tool accessories .....	3545	42.4	41.7	41.0	41.2		4.5	4.1	3.2	3.4	
Power driven hand tools .....	3546	43.1	42.1	39.6	41.1		5.6	4.6	2.4	3.2	
Special industry machinery .....	355	42.0	41.6	41.1	41.6		4.0	3.7	3.4	3.9	
Food products machinery .....	3551	42.0	41.5	41.5	41.9		3.2	3.1	2.9	3.2	
Textile machinery .....	3552	41.4	41.1	40.1	40.6		2.9	2.9	2.1	2.4	
Printing trades machinery .....	3555	42.2	41.9	39.9	40.8		4.0	3.9	3.3	3.9	
General industrial machinery .....	356	41.8	41.6	40.6	41.1		3.8	3.5	2.9	3.1	
Pumps and pumping equipment .....	3561	40.9	41.2	39.7	40.2		3.3	3.0	2.4	2.5	
Ball and roller bearings .....	3562	44.1	43.5	42.4	42.9		5.0	4.5	4.1	4.3	
Air and gas compressors .....	3563	40.7	41.0	40.0	41.5		2.9	3.3	2.8	3.1	
Blowers and fans .....	3564	40.8	40.3	40.7	39.9		3.3	3.4	2.3	2.2	
Speed changers, drives, and gears .....	3566	41.1	41.2	40.0	41.0		4.3	3.9	2.7	3.3	
Power transmission equipment, nec .....	3568	41.5	40.6	39.5	41.1		4.0	3.4	2.3	3.2	
Office and computing machines .....	357	42.3	41.9	41.3	42.5		3.4	3.1	2.2	3.0	
Electronic computing equipment .....	3573	42.2	41.7	41.2	42.6		3.4	3.1	2.1	3.0	
Refrigeration and service machinery .....	358	41.6	41.4	40.1	40.8		4.0	3.5	2.7	3.1	
Refrigeration and heating equipment .....	3585	42.0	41.5	40.5	41.1		4.2	3.5	2.9	3.3	
Misc. machinery, except electrical .....	359	41.7	41.5	41.1	41.0		4.0	3.9	3.8	3.8	
Carburetors, pistons, rings, and valves .....	3592	41.8	41.9	41.0	41.6		3.4	3.2	4.0	4.3	
Machinery, except electrical, nec .....	3599	41.7	41.4	41.1	40.9		4.1	4.0	3.7	3.7	
Electrical and electronic equipment .....	36	41.2	40.9	40.4	40.6	40.7	3.2	3.0	2.5	2.8	
Electric distributing equipment .....	361	41.3	41.3	40.8	40.7	-	3.2	3.2	3.1	3.0	
Transformers .....	3612	41.9	42.2	41.5	41.5		3.3	4.0	3.3	3.1	
Switchgear and switchboard apparatus .....	3613	40.8	40.6	40.1	39.9		3.1	2.5	2.9	2.8	
Electrical industrial apparatus .....	362	41.5	40.8	40.0	40.5		3.3	3.0	2.3	2.6	
Motors and generators .....	3621	41.9	41.0	40.1	40.6		3.7	3.2	2.4	2.8	
Industrial controls .....	3622	40.6	40.0	39.5	40.2		2.8	2.4	2.0	2.3	
Household appliances .....	363	40.2	40.1	40.2	40.5		2.3	2.3	2.8	2.9	
Household refrigerators and freezers .....	3632	42.3	40.2	41.0	40.0		2.2	2.1	3.3	3.1	
Household laundry equipment .....	3633	39.5	39.5	40.0	40.5		1.2	1.4	1.6	1.8	
Electric housewares and fans .....	3634	40.1	40.2	39.8	40.5		3.5	2.8	2.3	3.2	
Electric lighting and wiring equipment .....	364	40.4	40.5	39.8	40.1		2.7	2.6	2.3	2.6	
Electric lamps .....	3641	41.6	42.3	39.4	39.7		3.1	3.4	2.0	2.2	
Current-carrying wiring devices .....	3643	40.3	40.3	39.8	39.9		2.9	2.5	2.1	2.4	
Noncurrent-carrying wiring devices .....	3644	40.7	41.7	41.9	40.5		2.7	2.6	2.9	2.0	
Residential lighting fixtures .....	3645	38.3	39.0	38.8	38.8		1.2	1.8	1.2	1.6	
Radio and TV receiving equipment .....	365	41.5	39.7	40.3	39.7		3.6	2.7	3.4	2.9	
Radio and TV receiving sets .....	3651	41.1	39.8	39.5	39.4		3.0	2.8	3.0	2.8	
Communication equipment .....	366	41.6	41.5	40.8	41.1		3.2	3.0	2.4	2.7	
Telephone and telegraph apparatus .....	3661	41.9	41.8	39.7	40.3		3.9	3.4	1.8	2.3	
Radio and TV communication equipment .....	3662	41.5	41.3	41.2	41.5		2.8	2.8	2.7	2.9	
Electronic components and accessories .....	367	41.2	40.8	40.3	40.3		3.6	3.2	2.4	2.6	
Electronic tubes .....	3671-3	42.2	41.6	40.8	41.2		2.5	2.1	2.2	1.8	
Semiconductors and related devices .....	3674	41.7	41.1	40.8	40.4		4.4	3.8	2.5	2.6	
Electronic components, nec .....	3679	41.0	40.9	40.4	40.5		3.5	3.3	2.6	2.9	
Misc. electrical equipment and supplies .....	369	41.6	41.8	40.6	41.6		3.4	3.4	2.8	3.4	
Storage batteries .....	3691	42.2	43.4	42.3	44.3		4.0	4.2	3.0	4.3	
Engine electrical equipment .....	3694	41.8	41.6	40.9	41.6		3.8	3.5	3.5	3.9	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Durable goods—Continued</b>											
Machinery, except electrical—Continued											
Construction and related machinery .....	353	\$10.67	\$10.68	\$10.94	\$11.04		\$449.21	\$444.29	\$455.10	\$463.68	
Construction machinery .....	3531	11.66	11.62	11.95	12.04		487.39	482.23	503.10	511.70	
Mining machinery .....	3532	11.30	11.28	11.30	11.56		470.08	456.84	453.13	478.58	
Oil field machinery .....	3533	10.56	10.70	11.17	11.23		453.02	454.75	464.67	479.52	
Conveyors and conveying equipment .....	3535	9.67	9.66	9.83	9.70		402.27	394.13	409.91	395.76	
Industrial trucks and tractors .....	3537	9.22	9.16	9.24	9.46		384.47	376.48	373.30	377.45	
Metalworking machinery .....	354	10.23	10.23	10.49	10.67		441.94	439.89	440.58	454.54	
Machine tools, metal cutting types .....	3541	10.23	10.35	10.49	10.67		435.80	440.91	445.83	456.68	
Machine tools, metal forming types .....	3542	10.66	10.57	10.99	11.02		450.92	450.28	450.59	467.25	
Special dies, tools, jigs, and fixtures .....	3544	10.93	10.89	11.18	11.43		482.01	479.16	479.62	497.21	
Machine tool accessories .....	3545	9.28	9.27	9.52	9.63		393.47	386.56	390.32	396.76	
Power driven hand tools .....	3546	8.09	8.07	8.23	8.20		348.68	339.75	325.91	337.02	
Special industry machinery .....	355	9.80	9.82	10.18	10.28		411.60	408.51	418.40	427.65	
Food products machinery .....	3551	10.18	10.21	10.40	10.52		427.56	423.72	431.60	440.79	
Textile machinery .....	3552	7.72	7.75	7.96	8.03		319.61	318.53	319.20	326.02	
Printing trades machinery .....	3555	9.92	9.90	10.60	10.75		418.62	414.81	422.94	438.60	
General industrial machinery .....	356	9.83	9.84	10.07	10.12		410.89	409.34	408.84	415.93	
Pumps and pumping equipment .....	3561	10.45	10.37	10.71	10.76		427.41	427.24	425.19	432.55	
Ball and roller bearings .....	3562	10.05	9.99	10.32	10.38		443.21	434.57	437.57	445.30	
Air and gas compressors .....	3563	9.97	10.25	10.35	10.31		405.78	420.25	414.00	427.87	
Blowers and fans .....	3564	8.95	9.00	8.91	8.95		365.16	362.70	362.64	357.11	
Speed changers, drives, and gears .....	3566	10.36	10.38	10.48	10.51		425.80	427.66	419.20	430.91	
Power transmission equipment, nec .....	3568	9.95	9.94	10.03	10.15		412.93	403.56	396.19	417.17	
Office and computing machines .....	357	9.06	9.09	9.47	9.45		383.24	380.87	391.11	401.63	
Electronic computing equipment .....	3573	8.98	9.03	9.46	9.44		378.96	376.55	389.75	402.14	
Refrigeration and service machinery .....	358	9.85	9.76	10.00	10.16		409.76	404.06	401.00	414.53	
Refrigeration and heating equipment .....	3585	10.16	10.06	10.31	10.51		426.72	417.49	417.56	431.96	
Misc. machinery, except electrical .....	359	9.71	9.68	9.86	9.96		404.91	401.72	405.25	408.36	
Carburetors, pistons, rings, and valves .....	3592	11.71	11.58	12.23	12.30		489.48	485.20	501.43	511.68	
Machinery, except electrical, nec .....	3599	9.39	9.38	9.52	9.61		391.56	388.33	391.27	393.05	
Electrical and electronic equipment .....	36	9.13	9.15	9.50	9.56	\$9.56	376.16	374.24	383.80	388.14	
Electric distributing equipment .....	361	8.84	8.89	8.81	8.80	-	365.09	367.16	359.45	358.16	
Transformers .....	3612	8.87	9.00	8.75	8.68		371.65	379.80	363.13	360.22	
Switchgear and switchboard apparatus .....	3613	8.81	8.79	8.86	8.92		359.45	356.87	355.29	355.91	
Electrical industrial apparatus .....	362	9.25	9.27	9.48	9.49		383.88	378.22	379.20	384.35	
Motors and generators .....	3621	9.24	9.22	9.39	9.47		387.16	378.02	376.54	384.48	
Industrial controls .....	3622	9.03	9.11	9.22	9.17		366.62	364.40	364.19	368.63	
Household appliances .....	363	9.00	8.96	9.31	9.31		361.80	359.30	374.26	377.06	
Household refrigerators and freezers .....	3632	10.27	10.37	10.38	10.45		434.42	416.87	425.58	418.00	
Household laundry equipment .....	3633	10.67	10.63	10.81	10.94		421.47	419.89	432.40	443.07	
Electric housewares and fans .....	3634	6.77	6.79	7.07	7.18		271.48	272.96	281.39	290.79	
Electric lighting and wiring equipment .....	364	8.52	8.46	8.64	8.71		344.21	342.63	343.87	349.27	
Electric lamps .....	3641	9.76	9.77	9.99	9.93		406.02	413.27	393.61	394.22	
Current-carrying wiring devices .....	3643	7.97	7.84	8.04	8.10		321.19	315.95	319.99	323.19	
Noncurrent-carrying wiring devices .....	3644	8.87	8.86	9.03	9.08		361.01	369.46	378.36	367.74	
Residential lighting fixtures .....	3645	6.60	6.57	6.66	6.51		252.78	256.23	258.41	252.59	
Radio and TV receiving equipment .....	365	8.89	8.80	9.40	9.38		368.94	349.36	378.82	372.39	
Radio and TV receiving sets .....	3651	9.13	9.12	9.74	9.76		375.24	362.98	384.73	384.54	
Communication equipment .....	366	10.98	11.00	11.30	11.35		456.77	456.50	461.04	466.49	
Telephone and telegraph apparatus .....	3661	11.04	10.88	10.92	10.96		462.58	454.78	433.52	441.69	
Radio and TV communication equipment .....	3662	10.94	11.07	11.46	11.51		454.01	457.19	472.15	477.67	
Electronic components and accessories .....	367	7.90	7.93	8.36	8.43		325.48	323.54	336.91	339.73	
Electronic tubes .....	3671-3	10.06	10.04	10.66	10.77		424.53	417.66	434.93	443.72	
Semiconductors and related devices .....	3674	9.20	9.30	9.64	9.77		383.64	382.23	393.31	394.71	
Electronic components, nec .....	3679	7.25	7.28	7.73	7.77		297.25	297.75	312.29	314.69	
Misc. electrical equipment and supplies .....	369	10.09	10.05	10.34	10.49		419.74	420.09	419.80	436.38	
Storage batteries .....	3691	10.79	10.68	10.56	10.84		455.34	463.51	446.69	480.21	
Engine electrical equipment .....	3694	10.71	10.61	11.06	11.24		447.68	441.38	452.35	467.58	

See footnotes at end of table.



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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	42.4	42.5	42.0	42.7	42.8	4.6	4.8	4.5	4.8	
Motor vehicles and equipment .....	371	43.2	43.3	42.5	43.3	43.9	5.2	5.5	4.8	5.2	
Motor vehicles and car bodies .....	3711	42.6	43.7	42.4	43.1	-	4.9	6.2	5.1	5.2	
Truck and bus bodies .....	3713	40.8	40.1	40.9	41.0		3.3	2.7	3.7	3.6	
Motor vehicle parts and accessories .....	3714	44.3	43.6	43.0	44.1		5.8	5.5	4.8	5.6	
Truck trailers .....	3715	40.4	40.5	39.6	40.2		2.9	2.8	2.3	2.8	
Aircraft and parts .....	372	42.2	42.4	42.1	42.6		4.5	4.7	4.7	5.1	
Aircraft .....	3721	-	-	-	-		-	-	-	-	
Aircraft engines and engine parts .....	3724	42.2	42.2	42.1	42.6		5.3	5.6	5.8	5.6	
Aircraft equipment, nec .....	3728	42.8	43.4	42.8	43.7		5.1	5.4	5.0	5.6	
Ship and boat building and repairing .....	373	39.4	39.8	40.1	40.6		3.1	3.0	3.1	3.5	
Ship building and repairing .....	3731	39.4	39.8	39.9	40.6		3.4	3.2	3.4	3.7	
Boat building and repairing .....	3732	39.4	39.7	40.7	40.6		2.2	2.3	2.5	2.8	
Railroad equipment .....	374	41.6	40.8	41.1	42.0		3.7	3.4	2.7	3.3	
Guided missiles, space vehicles, and parts .....	376	42.2	41.7	42.4	42.5		3.2	3.0	4.8	5.0	
Guided missiles and space vehicles .....	3761	42.5	41.8	42.8	42.8		3.2	2.9	5.2	5.5	
Miscellaneous transportation equipment .....	379	40.4	40.8	39.9	39.3		2.9	2.9	2.5	2.2	
Travel trailers and campers .....	3792	37.9	37.9	38.4	38.6		1.4	1.3	1.5	1.9	
Instruments and related products .....	38	41.7	41.2	40.5	41.1	40.6	2.7	2.5	2.3	2.7	
Engineering and scientific instruments .....	381	41.3	41.2	41.2	41.3	-	2.7	2.7	2.6	2.9	
Measuring and controlling devices .....	382	42.7	41.3	39.9	40.6		2.7	2.4	1.8	2.1	
Environmental controls .....	3822	42.0	41.5	40.1	40.6		2.8	2.4	1.7	2.0	
Process control instruments .....	3823	42.6	41.7	39.6	39.4		3.6	3.3	2.0	2.3	
Instruments to measure electricity .....	3825	43.2	41.3	39.4	40.5		2.1	2.1	1.6	1.8	
Optical instruments and lenses .....	383	43.6	43.2	39.9	40.4		3.7	3.4	2.3	2.6	
Medical instruments and supplies .....	384	39.7	40.0	40.5	41.3		2.1	2.2	2.8	3.5	
Surgical and medical instruments .....	3841	39.3	39.4	41.1	41.7		2.0	2.0	2.9	3.3	
Surgical appliances and supplies .....	3842	40.1	40.6	40.1	41.1		2.3	2.4	2.7	3.7	
Ophthalmic goods .....	385	40.0	39.7	39.3	39.5		2.0	2.0	1.6	1.5	
Photographic equipment and supplies .....	386	42.8	42.6	42.6	42.9		3.2	3.2	3.0	3.3	
Watches, clocks, and watchcases .....	387	41.8	42.1	38.9	40.5		3.0	3.9	1.4	2.0	
Miscellaneous manufacturing .....	39	39.6	39.7	39.2	40.0	40.4	2.3	2.5	2.2	2.7	
Jewelry, silverware, and plated ware .....	391	38.3	40.0	38.4	39.3	-	1.9	2.9	2.3	3.2	
Jewelry, precious metal .....	3911	37.6	39.5	37.3	38.1		1.8	3.2	2.1	2.8	
Musical instruments .....	393	40.2	39.8	40.6	40.9		1.8	1.3	2.1	2.5	
Toys and sporting goods .....	394	39.5	40.0	39.3	39.8		2.4	2.7	2.0	2.1	
Dolls, games, toys, and children's vehicles .....	3942,4	39.4	39.4	39.1	39.9		2.0	2.0	1.9	2.1	
Sporting and athletic goods, nec .....	3949	39.7	40.5	39.5	39.7		2.8	3.4	2.0	2.1	
Pens, pencils, office, and art supplies .....	395	40.3	40.1	40.7	41.0		2.3	2.6	2.0	1.9	
Costume jewelry and notions .....	396	37.9	37.6	37.4	40.0		2.2	1.8	2.1	3.2	
Costume jewelry .....	3961	36.5	36.1	35.7	39.2		2.0	1.8	1.7	3.3	
Miscellaneous manufactures .....	399	40.5	39.9	39.5	40.3		2.6	2.4	2.5	3.0	
Signs and advertising displays .....	3993	41.0	40.3	39.9	40.7		3.0	2.8	2.5	3.1	
<b>Nondurable goods</b> .....		39.7	39.4	39.7	40.0	39.8	3.4	3.1	3.3	3.5	3.3
Food and kindred products .....	20	40.3	39.8	40.3	40.8	40.2	4.5	3.9	4.4	4.8	-
Meat products .....	201	40.5	40.0	39.9	41.0	-	4.2	3.6	3.8	4.5	
Meat packing plants .....	2011	42.3	41.5	41.7	43.0		5.1	4.2	4.4	5.9	
Sausages and other prepared meats .....	2013	40.2	39.8	40.4	42.8		4.1	3.5	4.4	4.6	
Poultry dressing plants .....	2016	39.1	38.5	38.2	38.6		3.4	3.0	2.9	3.2	
Dairy products .....	202	41.4	40.7	41.3	42.0		4.6	3.9	4.4	4.9	
Cheese, natural and processed .....	2022	40.1	39.7	39.1	39.9		4.1	3.6	3.3	3.7	
Fluid milk .....	2026	42.2	41.5	42.3	43.1		5.1	4.5	5.1	5.7	
Preserved fruits and vegetables .....	203	39.5	38.1	40.5	40.4		5.6	4.1	5.4	5.7	
Canned specialties .....	2032	44.1	41.8	42.2	44.3		8.4	7.2	6.0	8.9	
Canned fruits and vegetables .....	2033	39.1	37.0	40.8	40.6		6.6	4.2	6.2	6.9	
Frozen fruits and vegetables .....	2037	40.7	37.6	38.8	38.3		5.3	4.0	4.3	3.8	
Grain mill products .....	204	44.0	43.6	43.7	44.5		6.3	5.6	5.9	6.5	
Flour and other grain mill products .....	2041	46.5	45.3	45.5	47.2		7.4	6.2	5.4	6.9	
Prepared feeds, nec .....	2048	43.0	43.1	43.4	43.1		5.9	5.6	6.1	6.3	
Bakery products .....	205	38.8	38.8	39.0	39.4		3.2	3.0	3.1	3.5	
Bread, cake, and related products .....	2051	37.9	38.0	38.3	38.7		3.4	3.2	3.5	3.6	
Cookies and crackers .....	2052	41.0	40.7	40.8	41.1		2.7	2.6	2.3	3.3	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	\$12.26	\$12.32	\$12.65	\$12.76	\$12.83	\$519.82	\$523.60	\$531.30	\$544.85	\$549.12
Motor vehicles and equipment .....	371	12.74	12.86	13.34	13.47	13.56	550.37	556.84	566.95	583.25	595.28
Motor vehicles and car bodies .....	3711	14.08	14.32	14.84	14.77	-	599.81	625.78	629.22	636.59	-
Truck and bus bodies .....	3713	9.99	9.87	10.63	10.65	-	407.59	395.79	434.77	436.65	-
Motor vehicle parts and accessories .....	3714	12.26	12.23	12.66	12.92	-	543.12	533.23	544.38	569.77	-
Truck trailers .....	3715	8.78	8.90	9.29	9.36	-	354.71	360.45	367.88	376.27	-
Aircraft and parts .....	372	12.46	12.44	12.61	12.67	-	525.81	527.46	530.88	539.74	-
Aircraft .....	3721	-	-	-	-	-	-	-	-	-	-
Aircraft engines and engine parts .....	3724	12.47	12.60	12.97	12.91	-	526.23	531.72	546.04	549.97	-
Aircraft equipment, nec .....	3728	11.53	11.52	11.53	11.58	-	493.48	499.97	493.48	506.05	-
Ship and boat building and repairing .....	373	10.25	10.22	10.49	10.62	-	403.85	406.76	420.65	431.17	-
Ship building and repairing .....	3731	11.07	11.00	11.40	11.40	-	436.16	437.80	454.86	462.84	-
Boat building and repairing .....	3732	7.89	7.96	8.14	8.51	-	310.87	316.01	331.30	345.51	-
Railroad equipment .....	374	12.51	12.51	12.54	12.50	-	520.42	510.41	515.39	525.00	-
Guided missiles, space vehicles, and parts .....	376	11.98	11.93	12.09	12.17	-	505.56	497.48	512.62	517.23	-
Guided missiles and space vehicles .....	3761	12.19	12.16	12.32	12.43	-	518.08	508.29	527.30	532.00	-
Miscellaneous transportation equipment .....	379	9.74	9.88	9.92	9.80	-	393.50	403.10	395.81	385.14	-
Travel trailers and campers .....	3792	8.54	8.73	8.53	8.35	-	323.67	330.87	327.55	322.31	-
Instruments and related products .....	38	8.96	8.93	9.22	9.28	9.27	373.63	367.92	373.41	381.41	376.36
Engineering and scientific instruments .....	381	9.61	9.61	10.02	10.10	-	396.89	395.93	412.82	417.13	-
Measuring and controlling devices .....	382	8.84	8.75	9.00	9.04	-	377.47	361.38	359.10	367.02	-
Environmental controls .....	3822	8.28	8.31	8.64	8.71	-	347.76	344.87	346.46	353.63	-
Process control instruments .....	3823	8.86	8.87	9.08	9.22	-	377.44	369.88	359.57	363.27	-
Instruments to measure electricity .....	3825	9.23	9.04	9.24	9.22	-	398.74	373.35	364.06	373.41	-
Optical instruments and lenses .....	383	10.01	10.01	10.07	10.14	-	436.44	432.43	401.79	409.66	-
Medical instruments and supplies .....	384	7.82	7.82	8.21	8.28	-	310.45	312.80	332.51	341.96	-
Surgical and medical instruments .....	3841	7.95	7.99	8.31	8.36	-	312.44	314.81	341.54	348.61	-
Surgical appliances and supplies .....	3842	7.71	7.68	8.18	8.26	-	309.17	311.81	328.02	339.49	-
Ophthalmic goods .....	385	6.74	6.78	6.95	6.96	-	269.60	269.17	273.14	274.92	-
Photographic equipment and supplies .....	386	11.69	11.69	12.05	12.24	-	500.33	497.99	513.33	525.10	-
Watches, clocks, and watchcases .....	387	6.50	6.71	6.85	6.82	-	271.70	282.49	266.47	276.21	-
Miscellaneous manufacturing .....	39	7.05	7.05	7.26	7.29	7.34	279.18	279.89	284.59	291.60	296.54
Jewelry, silverware, and plated ware .....	391	7.63	7.71	7.73	7.84	-	292.23	308.40	296.83	308.11	-
Jewelry, precious metal .....	3911	7.65	7.79	7.82	7.91	-	287.64	307.71	291.69	301.37	-
Musical instruments .....	393	6.76	6.82	6.94	6.91	-	271.75	271.44	281.76	282.62	-
Toys and sporting goods .....	394	6.47	6.43	6.72	6.66	-	255.57	257.20	264.10	265.07	-
Dolls, games, toys, and children's vehicles .....	3942,4	6.07	6.06	6.41	6.33	-	239.16	238.76	250.63	252.57	-
Sporting and athletic goods, nec .....	3949	6.89	6.80	7.02	7.00	-	273.53	275.40	277.29	277.90	-
Pens, pencils, office, and art supplies .....	395	7.39	7.46	7.76	7.77	-	297.82	299.15	315.83	318.57	-
Costume jewelry and notions .....	396	5.68	5.61	5.97	5.89	-	215.27	210.94	223.28	235.60	-
Costume jewelry .....	3961	5.33	5.28	5.58	5.58	-	194.55	190.61	199.21	218.74	-
Miscellaneous manufactures .....	399	7.76	7.78	7.90	8.04	-	314.28	310.42	312.05	324.01	-
Signs and advertising displays .....	3993	8.21	8.29	8.42	8.59	-	336.61	334.09	335.96	349.61	-
<b>Nondurable goods</b> .....		8.44	8.44	8.67	8.70	8.69	335.07	332.54	344.20	348.00	345.86
Food and kindred products .....	20	8.35	8.31	8.47	8.50	8.48	336.51	330.74	341.34	346.80	340.90
Meat products .....	201	7.26	7.16	7.27	7.32	-	294.03	286.40	290.07	300.12	-
Meat packing plants .....	2011	8.24	8.07	8.15	8.24	-	348.55	334.91	339.86	354.32	-
Sausages and other prepared meats .....	2013	8.87	8.73	8.75	8.70	-	356.57	347.45	353.50	372.36	-
Poultry dressing plants .....	2016	5.58	5.56	5.78	5.78	-	218.18	214.06	220.80	223.11	-
Dairy products .....	202	8.84	8.87	9.22	9.37	-	365.98	361.01	380.79	393.54	-
Cheese, natural and processed .....	2022	8.47	8.44	8.59	8.80	-	339.65	335.07	335.87	351.12	-
Fluid milk .....	2026	9.05	9.06	9.57	9.74	-	381.91	375.99	404.81	419.79	-
Preserved fruits and vegetables .....	203	7.47	7.47	7.61	7.58	-	295.07	284.61	308.21	306.23	-
Canned specialties .....	2032	9.12	9.04	9.54	9.59	-	402.19	377.87	402.59	424.84	-
Canned fruits and vegetables .....	2033	7.35	7.45	7.53	7.33	-	287.39	275.65	307.22	297.60	-
Frozen fruits and vegetables .....	2037	7.02	6.89	6.93	7.05	-	285.71	259.06	268.88	270.02	-
Grain mill products .....	204	10.23	10.12	10.38	10.48	-	450.12	441.23	453.61	466.36	-
Flour and other grain mill products .....	2041	10.15	10.05	9.95	10.16	-	471.98	455.27	452.73	479.55	-
Prepared feeds, nec .....	2048	7.77	7.72	7.81	8.04	-	334.11	332.73	338.95	346.52	-
Bakery products .....	205	9.53	9.47	9.69	9.67	-	369.76	367.44	377.91	381.00	-
Bread, cake, and related products .....	2051	9.56	9.51	9.70	9.69	-	362.32	361.38	371.51	375.00	-
Cookies and crackers .....	2052	9.48	9.40	9.65	9.63	-	388.68	382.58	393.72	395.79	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Sugar and confectionery products .....	206	40.3	40.9	40.3	41.3	-	3.7	3.9	3.7	4.7	
Cane and beet sugar .....	2061-3	41.0	42.4	42.5	42.4	-	5.6	5.4	5.7	6.7	
Confectionery products .....	2065	39.6	40.0	39.0	40.6	-	3.1	3.5	3.1	4.2	
Fats and oils .....	207	43.1	43.8	42.7	43.5	-	5.3	5.5	5.6	5.2	
Beverages .....	208	40.6	39.9	40.9	40.8	-	4.0	3.4	4.4	4.3	
Malt beverages .....	2082	41.8	42.0	42.5	41.3	-	4.8	5.4	6.1	5.4	
Bottled and canned soft drinks .....	2086	39.8	38.6	40.5	39.7	-	3.4	2.5	4.2	3.4	
Misc. food and kindred products .....	209	38.5	38.1	38.6	38.2	-	4.2	3.7	4.2	4.1	
Tobacco manufactures .....	21	39.6	39.7	37.1	38.0	38.9	1.1	1.0	1.3	1.6	
Cigarettes .....	211	39.0	38.1	36.7	36.8	-	.9	.5	1.1	1.4	
Textile mill products .....	22	39.4	39.0	40.2	40.7	40.7	3.0	2.8	3.4	3.7	
Weaving mills, cotton .....	221	40.0	39.8	40.4	41.1	-	3.7	3.2	3.9	4.6	
Weaving mills, synthetics .....	222	40.4	40.3	39.9	40.4	-	3.2	3.3	3.1	3.3	
Weaving and finishing mills, wool .....	223	42.3	41.2	39.5	41.2	-	4.4	3.6	2.3	3.2	
Narrow fabric mills .....	224	39.3	38.8	39.8	40.4	-	2.1	2.0	2.7	2.8	
Knitting mills .....	225	37.0	36.8	38.6	38.8	-	1.9	1.9	2.8	3.0	
Women's hosiery, except socks .....	2251	34.8	35.8	39.7	38.1	-	1.2	1.2	3.3	2.7	
Hosiery, nec .....	2252	37.0	37.2	37.2	38.1	-	1.7	1.8	2.0	2.2	
Knit outerwear mills .....	2253	36.5	36.2	38.0	39.1	-	1.8	2.1	2.6	3.3	
Knit underwear mills .....	2254	36.7	36.2	37.6	37.3	-	1.4	1.1	1.7	1.6	
Circular knit fabric mills .....	2257	39.1	38.2	39.1	39.5	-	2.5	2.3	4.2	4.3	
Textile finishing, except wool .....	226	40.9	39.5	41.4	42.8	-	4.0	3.6	4.4	5.0	
Finishing plants, cotton .....	2261	40.8	39.7	42.3	43.1	-	4.1	3.9	4.9	5.4	
Finishing plants, synthetics .....	2262	41.2	39.6	40.6	42.4	-	4.5	4.1	4.3	4.9	
Floor covering mills .....	227	41.7	41.2	42.2	43.3	-	4.3	4.2	4.5	4.5	
Yarn and thread mills .....	228	38.6	37.8	40.8	40.8	-	2.7	2.3	3.5	3.7	
Yarn mills, except wool .....	2281	38.8	38.1	41.3	41.4	-	3.0	2.5	3.9	4.1	
Throwing and winding mills .....	2282	37.3	36.6	38.5	38.3	-	2.3	2.2	2.9	2.6	
Miscellaneous textile goods .....	229	42.4	41.6	42.3	42.6	-	3.8	3.5	3.7	3.9	
Apparel and other textile products .....	23	36.1	36.2	36.5	36.6	36.6	1.3	1.3	1.4	1.5	
Men's and boys' suits and coats .....	231	36.8	36.0	34.1	35.0	-	1.1	.9	.7	1.0	
Men's and boys' furnishings .....	232	36.5	36.5	37.1	36.9	-	1.0	1.0	1.3	1.2	
Men's and boys' shirts and nightwear .....	2321	36.8	36.3	36.7	36.7	-	1.1	.9	1.2	1.2	
Men's and boys' separate trousers .....	2327	35.8	36.4	36.6	36.7	-	.9	1.1	1.4	1.3	
Men's and boys' work clothing .....	2328	36.8	37.2	37.7	37.0	-	1.0	1.0	1.4	1.3	
Women's and misses' outerwear .....	233	33.7	34.0	35.0	34.7	-	1.0	1.0	1.2	1.3	
Women's and misses' blouses and waists .....	2331	33.7	34.9	34.5	34.6	-	1.0	1.3	.9	.9	
Women's and misses' dresses .....	2335	32.7	32.7	33.7	34.0	-	.7	.8	1.0	1.1	
Women's and misses' suits and coats .....	2337	34.8	32.6	35.3	34.8	-	1.3	.9	1.2	1.3	
Women's and misses' outerwear, nec .....	2339	34.0	35.0	36.1	35.2	-	1.1	1.1	1.4	1.5	
Women's and children's undergarments .....	234	36.9	37.2	37.5	37.6	-	1.7	1.6	1.6	2.1	
Women's and children's underwear .....	2341	36.9	37.4	38.0	38.1	-	1.7	1.7	1.7	2.2	
Brassieres and allied garments .....	2342	36.9	36.1	35.0	35.0	-	1.5	1.0	1.3	1.3	
Children's outerwear .....	236	36.1	36.7	36.2	36.5	-	1.1	1.0	1.2	1.4	
Children's dresses and blouses .....	2361	35.0	36.2	34.5	35.7	-	1.1	1.0	1.0	1.1	
Misc. apparel and accessories .....	238	37.7	37.6	37.4	37.0	-	1.7	1.7	1.1	1.0	
Misc. fabricated textile products .....	239	39.2	39.3	39.1	39.9	-	2.6	2.7	2.4	3.0	
Curtains and draperies .....	2391	37.8	37.4	38.5	39.2	-	1.5	1.5	1.4	2.0	
House furnishings, nec .....	2392	39.0	39.6	38.6	39.3	-	2.8	3.1	2.3	2.8	
Automotive and apparel trimmings .....	2396	42.0	42.1	40.9	42.2	-	4.7	4.6	4.3	5.2	
Paper and allied products .....	26	43.4	43.1	42.9	43.4	43.2	5.3	5.0	4.7	5.0	
Paper and pulp mills .....	261,2,6	45.2	45.0	44.4	45.4	-	7.0	6.6	6.1	6.4	
Paper mills, except building paper .....	262	45.4	45.2	44.8	45.7	-	7.0	6.8	6.3	6.6	
Paperboard mills .....	263	44.3	44.4	43.2	43.8	-	7.7	7.8	6.4	6.7	
Misc. converted paper products .....	264	41.8	41.8	42.0	42.2	-	3.5	3.4	3.4	3.6	
Paper coating and glazing .....	2641	42.2	42.7	43.0	43.4	-	2.9	2.8	3.1	3.3	
Envelopes .....	2642	41.7	41.4	41.6	41.9	-	3.6	3.5	3.5	3.6	
Bags, except textile bags .....	2643	42.4	42.2	42.8	42.9	-	4.0	3.8	4.0	4.4	
Paperboard containers and boxes .....	265	43.0	42.3	42.3	42.8	-	4.9	4.4	4.2	4.6	
Folding paperboard boxes .....	2651	42.7	42.8	42.1	42.0	-	4.4	4.4	3.8	4.1	
Corrugated and solid fiber boxes .....	2653	44.3	43.2	43.1	44.1	-	5.9	5.1	4.8	5.4	
Sanitary food containers .....	2654	41.7	41.0	42.4	41.9	-	4.5	3.7	4.8	4.5	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Sugar and confectionery products .....	206	\$8.49	\$8.23	\$8.82	\$8.74		\$342.15	\$336.61	\$355.45	\$360.96	
Cane and beet sugar .....	2061-3	10.06	9.25	10.53	10.23		412.46	392.20	447.53	433.75	
Confectionery products .....	2065	7.33	7.18	7.65	7.62		290.27	287.20	298.35	309.37	
Fats and oils .....	207	9.04	8.71	8.96	8.95		389.62	381.50	382.59	389.33	
Beverages .....	208	10.96	11.00	11.29	11.30		444.98	438.90	461.76	461.04	
Malt beverages .....	2082	15.23	15.59	15.72	15.68		636.61	654.78	668.10	647.58	
Bottled and canned soft drinks .....	2086	8.40	8.15	8.77	8.75		334.32	314.59	355.19	347.38	
Misc. food and kindred products .....	209	7.59	7.58	7.60	7.69		292.22	288.80	293.36	293.76	
Tobacco manufactures .....	21	10.52	10.60	12.44	11.58	\$11.18	416.59	420.82	461.52	440.04	\$434.90
Cigarettes .....	211	13.63	13.98	15.01	14.96	-	531.57	532.64	550.87	550.53	-
Textile mill products .....	22	6.50	6.49	6.72	6.75	6.75	256.10	253.11	270.14	274.73	274.73
Weaving mills, cotton .....	221	6.77	6.75	7.05	7.08	-	270.80	268.65	284.82	290.99	-
Weaving mills, synthetics .....	222	6.98	6.98	7.14	7.16		281.99	281.29	284.89	289.26	
Weaving and finishing mills, wool .....	223	6.83	6.86	7.11	7.05		288.91	282.63	280.85	290.46	
Narrow fabric mills .....	224	6.17	6.21	6.48	6.44		242.48	240.95	257.90	260.18	
Knitting mills .....	225	5.92	5.91	6.15	6.18		219.04	217.49	237.39	239.78	
Women's hosiery, except socks .....	2251	5.81	5.81	6.15	6.11		202.19	208.00	244.16	232.79	
Hosiery, nec .....	2252	5.62	5.61	5.78	5.85		207.94	208.69	215.02	222.89	
Knit outerwear mills .....	2253	5.79	5.78	6.07	6.11		211.34	209.24	230.66	238.90	
Knit underwear mills .....	2254	5.53	5.55	5.65	5.71		202.95	200.91	212.44	212.98	
Circular knit fabric mills .....	2257	6.53	6.57	6.82	6.81		255.32	250.97	266.66	269.00	
Textile finishing, except wool .....	226	6.87	6.88	7.10	7.11		280.98	271.76	293.94	304.31	
Finishing plants, cotton .....	2261	7.00	7.02	7.10	7.09		285.60	278.69	300.33	305.58	
Finishing plants, synthetics .....	2262	7.30	7.32	7.57	7.61		300.76	289.87	307.34	322.66	
Floor covering mills .....	227	6.62	6.62	6.94	6.97		276.05	272.74	292.87	301.80	
Yarn and thread mills .....	228	6.07	6.05	6.32	6.35		234.30	228.69	257.86	259.08	
Yarn mills, except wool .....	2281	6.06	6.04	6.31	6.34		235.13	230.12	260.60	262.48	
Throwing and winding mills .....	2282	6.04	5.98	6.25	6.26		225.29	218.87	240.63	239.76	
Miscellaneous textile goods .....	229	7.26	7.28	7.55	7.58		307.82	302.85	319.37	322.91	
Apparel and other textile products .....	23	5.63	5.61	5.68	5.75	5.74	203.24	203.08	207.32	210.45	210.08
Men's and boys' suits and coats .....	231	6.64	6.64	6.60	6.67		244.35	239.04	225.06	233.45	
Men's and boys' furnishings .....	232	5.10	5.09	5.22	5.26		186.15	185.79	193.66	194.09	
Men's and boys' shirts and nightwear .....	2321	4.90	4.88	4.97	5.01		180.32	177.14	182.40	183.87	
Men's and boys' separate trousers .....	2327	5.22	5.18	5.25	5.28		186.88	188.55	192.15	193.78	
Men's and boys' work clothing .....	2328	5.10	5.06	5.29	5.32		187.68	188.23	199.43	196.84	
Women's and misses' outerwear .....	233	5.57	5.55	5.58	5.62		187.71	188.70	195.30	195.01	
Women's and misses' blouses and waists .....	2331	5.12	5.14	5.06	5.13		172.54	179.39	174.57	177.50	
Women's and misses' dresses .....	2335	5.78	5.80	5.75	5.80		189.01	189.66	193.78	197.20	
Women's and misses' suits and coats .....	2337	6.31	6.33	6.58	6.54		219.59	206.36	232.27	227.59	
Women's and misses' outerwear, nec .....	2339	5.33	5.28	5.31	5.36		181.22	184.80	191.69	188.67	
Women's and children's undergarments .....	234	5.18	5.18	5.28	5.32		191.14	192.70	198.00	200.03	
Women's and children's underwear .....	2341	5.09	5.11	5.17	5.20		187.82	191.11	196.46	198.12	
Brassieres and allied garments .....	2342	5.61	5.54	5.91	6.04		207.01	199.99	206.85	211.40	
Children's outerwear .....	236	4.98	4.96	5.04	5.11		179.78	182.03	182.45	186.52	
Children's dresses and blouses .....	2361	4.92	4.90	4.86	4.88		172.20	177.38	167.67	174.22	
Misc. apparel and accessories .....	238	5.44	5.45	5.50	5.52		205.09	204.92	205.70	204.24	
Misc. fabricated textile products .....	239	6.69	6.65	6.80	6.94		262.25	261.35	265.88	276.91	
Curtains and draperies .....	2391	5.28	5.28	5.38	5.48		199.58	197.47	207.13	214.82	
House furnishings, nec .....	2392	5.65	5.63	5.85	5.86		220.35	222.95	225.81	230.30	
Automotive and apparel trimmings .....	2396	10.54	10.48	10.80	11.07		442.68	441.21	441.72	467.15	
Paper and allied products .....	26	10.51	10.52	10.86	10.89	10.89	456.13	453.41	465.89	472.63	470.45
Paper and pulp mills .....	261,2,6	12.67	12.67	13.25	13.31	-	572.68	570.15	588.30	604.27	
Paper mills, except building paper .....	262	12.72	12.72	13.38	13.42		577.49	574.94	599.42	613.29	
Paperboard mills .....	263	13.21	13.31	13.62	13.67		585.20	590.96	588.38	598.75	
Misc. converted paper products .....	264	9.12	9.16	9.32	9.31		381.22	382.89	391.44	392.88	
Paper coating and glazing .....	2641	10.47	10.59	10.71	10.79		441.83	452.19	460.53	468.29	
Envelopes .....	2642	8.36	8.43	8.60	8.60		348.61	349.00	357.76	360.34	
Bags, except textile bags .....	2643	8.70	8.60	8.89	8.85		368.88	362.92	380.49	379.67	
Paperboard containers and boxes .....	265	8.97	8.95	9.27	9.30		385.71	378.59	392.12	398.04	
Folding paperboard boxes .....	2651	9.19	9.20	9.54	9.64		392.41	393.76	401.63	404.88	
Corrugated and solid fiber boxes .....	2653	9.33	9.28	9.60	9.61		413.32	400.90	413.76	423.80	
Sanitary food containers .....	2654	8.68	8.65	8.86	8.89		361.96	354.65	375.66	372.49	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Printing and publishing .....	27	38.1	37.8	38.0	38.1	37.8	3.2	3.0	2.9	3.1	-
Newspapers .....	271	34.1	34.0	34.0	34.1	-	1.9	2.0	1.7	1.8	-
Periodicals .....	272	38.0	37.3	38.4	38.9	-	3.0	3.0	2.9	3.9	-
Books .....	273	39.0	38.6	39.1	40.0	-	3.3	3.0	3.3	3.6	-
Book publishing .....	2731	37.0	37.4	38.1	38.3	-	1.7	1.9	2.5	2.6	-
Book printing .....	2732	41.7	40.3	40.8	42.6	-	5.6	4.6	4.5	5.2	-
Miscellaneous publishing .....	274	35.7	36.2	36.5	36.6	-	2.3	2.6	2.5	2.7	-
Commercial printing .....	275	39.6	39.2	39.2	39.3	-	3.9	3.5	3.4	3.5	-
Commercial printing, letterpress .....	2751	39.1	39.0	38.7	38.8	-	3.3	3.2	2.8	2.9	-
Commercial printing, lithographic .....	2752	39.6	39.2	39.4	39.3	-	4.1	3.5	3.6	3.7	-
Manifold business forms .....	276	41.0	40.9	41.0	41.0	-	3.5	3.2	3.9	3.7	-
Blankbooks and bookbinding .....	278	39.7	39.1	38.8	39.4	-	3.0	2.5	2.3	2.8	-
Printing trade services .....	279	38.9	38.8	39.7	39.3	-	3.9	3.6	4.2	3.8	-
Chemicals and allied products .....	28	42.0	41.6	41.6	41.9	41.4	3.5	3.4	3.3	3.5	-
Industrial inorganic chemicals .....	281	42.0	41.9	41.1	41.7	-	3.5	3.4	3.2	3.4	-
Industrial inorganic chemicals, nec .....	2819	42.3	42.2	41.4	42.0	-	3.6	3.6	3.2	3.3	-
Plastics materials and synthetics .....	282	41.8	41.9	41.7	42.2	-	3.5	3.6	3.6	3.5	-
Plastics materials and resins .....	2821	42.9	43.5	42.4	43.1	-	4.6	4.7	4.3	4.5	-
Organic fibers, noncellulosic .....	2824	41.3	41.2	41.7	42.0	-	2.8	2.7	2.9	2.8	-
Drugs .....	283	41.2	39.9	40.7	41.0	-	2.6	2.4	2.5	2.7	-
Pharmaceutical preparations .....	2834	40.6	40.2	40.3	40.5	-	2.6	2.2	2.5	2.6	-
Soap, cleaners, and toilet goods .....	284	42.3	40.9	41.0	41.2	-	3.7	3.2	3.2	3.5	-
Soap and other detergents .....	2841	45.7	44.8	44.5	44.5	-	6.2	5.5	5.3	5.0	-
Toilet preparations .....	2844	40.4	38.6	38.7	39.3	-	2.5	2.0	2.2	3.0	-
Polishing, sanitation, and finishing preparations .....	2842,3	42.1	41.0	41.6	41.6	-	3.4	2.7	2.6	2.6	-
Paints and allied products .....	285	41.7	41.3	41.9	41.7	-	3.3	2.8	3.5	3.4	-
Industrial organic chemicals .....	286	42.9	43.0	43.1	43.0	-	4.0	4.0	4.1	4.1	-
Cyclic crudes and intermediates .....	2865	42.6	42.4	43.1	42.9	-	3.9	3.7	4.6	4.7	-
Gum, wood, and industrial organic chemicals, nec .....	2861,9	43.0	43.2	43.1	43.0	-	4.0	4.1	3.9	3.9	-
Agricultural chemicals .....	287	42.6	43.0	42.1	42.8	-	4.3	4.6	3.7	4.2	-
Miscellaneous chemical products .....	289	41.9	41.8	42.0	41.7	-	3.6	3.5	3.4	3.4	-
Petroleum and coal products .....	29	44.2	43.7	43.3	44.1	43.7	4.7	4.4	4.3	4.6	-
Petroleum refining .....	291	44.0	43.6	43.0	44.0	-	3.9	3.8	3.5	3.8	-
Paving and roofing materials .....	295	46.4	45.3	45.6	46.0	-	8.1	7.2	7.7	8.0	-
Rubber and misc. plastics products .....	30	41.5	41.5	40.7	41.1	41.4	3.9	3.6	3.5	3.7	-
Tires and inner tubes .....	301	43.6	43.6	42.1	42.8	-	4.7	4.4	4.7	4.7	-
Rubber and plastics footwear .....	302	36.9	38.5	37.8	39.4	-	2.1	1.8	1.2	1.4	-
Reclaimed rubber, and rubber and plastics hose and belting .....	303,4	41.8	41.5	42.3	43.2	-	3.9	3.6	4.1	4.3	-
Fabricated rubber products, nec .....	306	41.9	41.5	40.6	40.9	-	3.6	3.2	2.8	3.1	-
Miscellaneous plastics products .....	307	41.3	41.2	40.6	40.9	-	3.8	3.6	3.5	3.8	-
Leather and leather products .....	31	36.4	36.3	37.4	37.8	37.7	1.4	1.3	1.7	1.8	-
Leather tanning and finishing .....	311	39.2	39.2	40.8	40.6	-	2.5	2.7	3.2	3.4	-
Footwear, except rubber .....	314	35.6	35.6	36.7	37.3	-	1.0	.9	1.5	1.5	-
Men's footwear, except athletic .....	3143	36.4	36.5	35.8	36.1	-	1.0	1.1	1.1	1.1	-
Women's footwear, except athletic .....	3144	34.5	34.1	37.3	38.0	-	.9	.6	1.9	1.7	-
Luggage .....	316	38.4	37.9	38.8	38.5	-	2.5	1.9	2.0	2.1	-
Handbags and personal leather goods .....	317	36.6	36.7	38.2	38.4	-	1.5	1.4	1.8	2.1	-
<b>Transportation and public utilities</b> .....		39.9	39.2	39.9	39.7	39.4					-
Railroad transportation:											
Class I railroads <sup>2</sup> .....	4011	45.0	41.3	44.9	44.7	-	-	-	-	-	-
Local and interurban passenger transit .....	41	34.2	34.3	36.2	33.7	-	-	-	-	-	-
Local and suburban transportation .....	411	38.0	38.5	38.1	38.2	-	-	-	-	-	-
Intercity highway transportation .....	413	38.5	39.4	38.6	37.0	-	-	-	-	-	-
Trucking and warehousing .....	42	39.4	38.8	39.0	38.9	-	-	-	-	-	-
Trucking and trucking terminals .....	421,3	39.3	38.7	39.0	38.8	-	-	-	-	-	-
Public warehousing .....	422	40.4	39.8	39.1	40.1	-	-	-	-	-	-
Pipe lines, except natural gas .....	46	40.7	40.2	41.3	41.1	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>2</sup>	Oct. 1985 <sup>2</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>2</sup>	Oct. 1985 <sup>2</sup>
<b>Nondurable goods—Continued</b>											
Printing and publishing .....	27	\$9.53	\$9.50	\$9.73	\$9.79	\$9.77	\$363.09	\$359.10	\$369.74	\$373.00	\$369.31
Newspapers .....	271	9.54	9.61	9.64	9.68	-	325.31	326.74	327.76	330.09	-
Periodicals .....	272	10.19	10.21	10.13	10.40		387.22	380.83	388.99	404.56	
Books .....	273	8.74	8.71	8.85	8.90		340.86	336.21	346.04	356.00	
Book publishing .....	2731	8.31	8.25	8.32	8.46		307.47	308.55	316.99	324.02	
Book printing .....	2732	9.26	9.31	9.62	9.50		386.14	375.19	392.50	404.70	
Miscellaneous publishing .....	274	8.62	8.63	8.97	8.97		307.73	312.41	327.41	328.30	
Commercial printing .....	275	9.87	9.81	10.11	10.16		390.85	384.55	396.31	399.29	
Commercial printing, letterpress .....	2751	9.25	9.31	9.66	9.67		361.68	363.09	373.84	375.20	
Commercial printing, lithographic .....	2752	10.12	10.01	10.28	10.32		400.75	392.39	405.03	405.58	
Manifold business forms .....	276	9.58	9.54	10.01	10.02		392.78	390.19	410.41	410.82	
Blankbooks and bookbinding .....	278	7.41	7.34	7.57	7.66		294.18	286.99	293.72	301.80	
Printing trade services .....	279	11.59	11.36	11.63	11.68		450.85	440.77	461.71	459.02	
Chemicals and allied products .....	28	11.20	11.29	11.62	11.66	11.72	470.40	469.66	483.39	488.55	485.21
Industrial inorganic chemicals .....	281	12.53	12.52	12.91	12.97	-	526.26	524.59	530.60	540.85	-
Industrial inorganic chemicals, nec .....	2819	12.54	12.59	12.94	13.00		530.44	531.30	535.72	546.00	
Plastics materials and synthetics .....	282	11.29	11.38	11.79	11.77		471.92	476.82	491.64	496.69	
Plastics materials and resins .....	2821	12.24	12.36	12.84	12.79		525.10	537.66	544.42	551.25	
Organic fibers, noncellulosic .....	2824	11.01	11.04	11.39	11.35		454.71	454.85	474.96	476.70	
Drugs .....	283	10.27	10.41	10.80	10.85		423.12	415.36	439.56	444.85	
Pharmaceutical preparations .....	2834	10.09	10.08	10.57	10.62		409.65	405.22	425.97	430.11	
Soap, cleaners, and toilet goods .....	284	9.91	10.02	10.27	10.28		419.19	409.82	421.07	423.54	
Soap and other detergents .....	2841	13.11	12.99	13.29	13.41		599.13	581.95	591.41	596.75	
Toilet preparations .....	2844	8.03	8.24	8.55	8.62		324.41	318.06	330.89	338.77	
Polishing, sanitation, and finishing preparations .....	2842,3	9.57	9.54	9.75	9.70		402.90	391.14	405.60	403.52	
Paints and allied products .....	285	9.83	9.82	10.03	10.07		409.91	405.57	420.26	419.92	
Industrial organic chemicals .....	286	13.55	13.63	14.02	14.06		581.30	586.09	604.26	604.58	
Cyclic crudes and intermediates .....	2865	12.99	12.85	13.63	13.55		553.37	544.84	587.45	581.30	
Gum, wood, and industrial organic chemicals, nec .....	2861,9	13.72	13.86	14.15	14.22		589.96	598.75	609.87	611.46	
Agricultural chemicals .....	287	11.06	11.04	11.21	11.43		471.16	474.72	471.94	489.20	
Miscellaneous chemical products .....	289	10.20	10.27	10.68	10.74		427.38	429.29	448.56	447.86	
Petroleum and coal products .....	29	13.52	13.51	13.99	14.10	13.87	597.58	590.39	605.77	621.81	606.12
Petroleum refining .....	291	14.73	14.69	15.24	15.36	-	648.12	640.48	655.32	675.84	-
Paving and roofing materials .....	295	10.20	10.26	10.74	10.85		473.28	464.78	489.74	499.10	
Rubber and misc. plastics products .....	30	8.32	8.32	8.51	8.55	8.55	345.28	345.28	346.36	351.41	353.97
Tires and inner tubes .....	301	12.91	12.89	13.43	13.29	-	562.88	562.00	565.40	568.81	-
Rubber and plastics footwear .....	302	5.56	5.58	5.82	5.97		205.16	214.83	220.00	235.22	
Reclaimed rubber, and rubber and plastics hose and belting .....	303,4	8.35	8.47	8.37	8.40		349.03	351.51	354.05	362.88	
Fabricated rubber products, nec .....	306	8.19	8.21	8.39	8.44		343.16	340.72	340.63	345.20	
Miscellaneous plastics products .....	307	7.68	7.68	7.91	7.96		317.18	316.42	321.15	325.56	
Leather and leather products .....	31	5.73	5.72	5.80	5.82	5.80	208.57	207.64	216.92	220.00	218.66
Leather tanning and finishing .....	311	7.37	7.34	7.65	7.66	-	288.90	287.73	312.12	311.00	-
Footwear, except rubber .....	314	5.44	5.45	5.51	5.53		193.66	194.02	202.22	206.27	
Men's footwear, except athletic .....	3143	5.73	5.73	5.90	5.89		208.57	209.15	211.22	212.63	
Women's footwear, except athletic .....	3144	5.22	5.20	5.30	5.31		180.09	177.32	197.69	201.78	
Luggage .....	316	6.48	6.38	6.46	6.51		248.83	241.80	250.65	250.64	
Handbags and personal leather goods .....	317	5.58	5.59	5.60	5.62		204.23	205.15	213.92	215.81	
<b>Transportation and public utilities</b> .....		11.22	11.18	11.40	11.50	11.45	447.68	438.26	454.86	456.55	451.13
Railroad transportation:											
Class I railroads <sup>2</sup> .....	4011	13.40	13.46	13.58	13.59		603.00	555.90	609.74	607.47	
Local and interurban passenger transit .....	41	7.59	7.51	7.85	7.68		259.58	257.59	284.17	258.82	
Local and suburban transportation .....	411	7.87	7.88	8.13	8.14		299.06	303.38	309.75	310.95	
Intercity highway transportation .....	413	11.53	11.30	11.16	11.01		443.91	445.22	430.78	407.37	
Trucking and warehousing .....	42	10.45	10.46	10.42	10.54		411.73	405.85	406.38	410.01	
Trucking and trucking terminals .....	421,3	10.63	10.67	10.59	10.74		417.76	412.93	413.01	416.71	
Public warehousing .....	422	7.98	7.82	8.18	8.06		322.39	311.24	319.84	323.21	
Pipe lines, except natural gas .....	46	14.80	14.97	14.89	15.34		602.36	601.79	614.96	630.47	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Transportation and public utilities—Continued</b>											
Communication .....	48	40.2	39.8	40.5	41.0						
Telephone communication .....	481	40.8	40.4	41.5	42.2						
Radio and television broadcasting .....	483	37.7	37.2	37.1	37.3						
Electric, gas, and sanitary services .....	49	41.8	41.5	41.8	41.9						
Electric services .....	491	42.2	41.5	42.0	42.3						
Gas production and distribution .....	492	41.3	41.1	40.5	40.6						
Combination utility services .....	493	41.8	42.0	42.3	42.1						
Sanitary services .....	495	41.4	41.5	42.6	43.0						
<b>Wholesale trade .....</b>		<b>38.8</b>	<b>38.7</b>	<b>38.8</b>	<b>38.8</b>	<b>38.6</b>					
Durable goods .....	50	39.3	39.2	39.3	39.3						
Motor vehicles and automotive equipment .....	501	39.1	38.8	39.0	38.7						
Furniture and home furnishings .....	502	38.0	37.5	37.6	37.3						
Lumber and construction materials .....	503	39.4	39.1	39.9	40.0						
Sporting goods, toys, and hobby goods .....	504	38.5	39.1	38.4	39.0						
Metals and minerals, except petroleum .....	505	40.5	40.5	40.0	40.3						
Electrical goods .....	506	39.6	39.4	39.1	39.0						
Hardware, plumbing, and heating equipment .....	507	38.8	38.4	39.0	39.2						
Machinery, equipment, and supplies .....	508	39.7	39.7	39.7	39.8						
Miscellaneous durable goods .....	509	38.2	38.4	38.1	38.0						
Nondurable goods .....	51	38.0	37.8	38.0	38.0						
Paper and paper products .....	511	37.6	37.0	38.2	38.2						
Drugs, proprietaries, and sundries .....	512	37.8	37.6	37.2	37.8						
Apparel, piece goods, and notions .....	513	36.4	36.3	36.3	36.3						
Groceries and related products .....	514	38.6	38.5	38.7	38.7						
Chemicals and allied products .....	516	39.4	39.5	39.8	39.7						
Petroleum and petroleum products .....	517	39.8	38.9	39.1	39.0						
Beer, wine, and distilled beverages .....	518	36.2	35.8	36.5	36.3						
Miscellaneous nondurable goods .....	519	37.2	37.3	37.6	37.7						
<b>Retail trade .....</b>		<b>30.0</b>	<b>29.7</b>	<b>30.3</b>	<b>29.6</b>	<b>29.5</b>					
Building materials and garden supplies .....	52	36.8	36.5	37.1	36.7						
Lumber and other building materials .....	521	38.8	38.4	39.3	39.1						
Hardware stores .....	525	33.2	33.1	33.4	33.1						
General merchandise stores .....	53	29.5	29.2	29.8	29.1						
Department stores .....	531	29.4	29.1	29.6	28.9						
Variety stores .....	533	29.2	29.1	30.3	29.5						
Misc. general merchandise stores .....	539	31.0	30.4	31.4	31.3						
Food stores .....	54	30.8	30.3	31.1	30.5						
Grocery stores .....	541	31.0	30.5	31.2	30.7						
Retail bakeries .....	546	28.6	28.4	29.3	29.3						
Automotive dealers and service stations .....	55	37.1	37.0	37.2	36.8						
New and used car dealers .....	551,2	38.0	38.0	37.8	37.8						
Auto and home supply stores .....	553	40.0	40.0	40.5	39.9						
Gasoline service stations .....	554	34.6	34.3	34.8	34.2						
Apparel and accessory stores .....	56	28.0	27.7	28.7	27.9						
Men's and boys' clothing and furnishings .....	561	31.0	30.7	31.6	30.6						
Women's ready-to-wear stores .....	562	27.1	26.7	27.0	26.7						
Family clothing stores .....	565	28.1	28.0	28.6	27.7						
Shoe stores .....	566	27.7	27.4	28.6	27.4						
Furniture and home furnishings stores .....	57	34.4	34.1	34.5	34.2						
Furniture and home furnishings stores .....	571	34.1	33.9	34.3	33.9						
Household appliance stores .....	572	34.5	34.5	35.3	34.7						
Radio, television, and music stores .....	573	35.0	34.3	34.4	34.5						
Eating and drinking places <sup>3</sup> .....	58	26.4	25.9	26.7	25.8						

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Transportation and public utilities—Continued</b>											
Communication .....	48	\$11.45	\$11.48	\$11.90	\$12.05		\$460.29	\$456.90	\$481.95	\$494.05	
Telephone communication .....	481	12.19	12.17	12.72	12.87		497.35	491.67	527.88	543.11	
Radio and television broadcasting .....	483	9.66	9.89	10.33	10.49		364.18	367.91	383.24	391.28	
Electric, gas, and sanitary services .....	49	12.43	12.45	12.72	12.96		519.57	516.68	531.70	543.02	
Electric services .....	491	12.52	12.49	12.88	13.08		528.34	518.34	540.96	553.28	
Gas production and distribution .....	492	11.25	11.39	11.62	12.03		464.63	468.13	470.61	488.42	
Combination utility services .....	493	14.50	14.49	14.83	15.05		606.10	608.58	627.31	633.61	
Sanitary services .....	495	9.56	9.63	9.29	9.42		395.78	399.65	395.75	405.06	
<b>Wholesale trade .....</b>		<b>9.06</b>	<b>9.00</b>	<b>9.25</b>	<b>9.33</b>	<b>\$9.25</b>	<b>351.53</b>	<b>348.30</b>	<b>358.90</b>	<b>362.00</b>	<b>\$357.05</b>
Durable goods .....	50	9.10	9.05	9.33	9.42		357.63	354.76	366.67	370.21	
Motor vehicles and automotive equipment .....	501	8.22	8.20	8.40	8.53		321.40	318.16	327.60	330.11	
Furniture and home furnishings .....	502	7.98	7.83	8.17	8.17		303.24	293.63	307.19	304.74	
Lumber and construction materials .....	503	8.63	8.54	8.63	8.79		340.02	333.91	344.34	351.60	
Sporting goods, toys, and hobby goods .....	504	9.83	9.70	10.10	9.95		378.46	379.27	387.84	388.05	
Metals and minerals, except petroleum .....	505	9.76	9.71	10.01	10.10		395.28	393.26	400.40	407.03	
Electrical goods .....	506	9.58	9.39	9.82	9.92		379.37	369.97	383.96	386.88	
Hardware, plumbing, and heating equipment .....	507	8.62	8.55	8.74	8.81		334.46	328.32	340.86	345.35	
Machinery, equipment, and supplies .....	508	9.58	9.57	9.87	9.97		380.33	379.93	391.84	396.81	
Miscellaneous durable goods .....	509	7.49	7.47	7.51	7.53		286.12	286.85	286.13	286.14	
Nondurable goods .....	51	9.01	8.94	9.15	9.20		342.38	337.93	347.70	349.60	
Paper and paper products .....	511	9.89	9.84	9.76	9.85		371.86	364.08	372.83	376.27	
Drugs, proprietaries, and sundries .....	512	9.90	9.84	9.97	10.08		374.22	369.98	370.88	381.02	
Apparel, piece goods, and notions .....	513	8.77	8.73	8.74	8.82		319.23	316.90	317.26	320.17	
Groceries and related products .....	514	9.21	9.18	9.42	9.54		355.51	353.43	364.55	369.20	
Chemicals and allied products .....	516	10.53	10.46	11.15	11.29		414.88	413.17	443.77	448.21	
Petroleum and petroleum products .....	517	9.88	9.76	9.85	9.91		393.22	379.66	385.14	386.49	
Beer, wine, and distilled beverages .....	518	10.71	10.64	10.96	10.97		387.70	380.91	400.04	398.21	
Miscellaneous nondurable goods .....	519	7.30	7.32	7.45	7.46		271.56	273.04	280.12	281.24	
<b>Retail trade .....</b>		<b>5.88</b>	<b>5.88</b>	<b>5.91</b>	<b>6.00</b>	<b>5.97</b>	<b>176.40</b>	<b>174.64</b>	<b>179.07</b>	<b>177.60</b>	<b>176.12</b>
Building materials and garden supplies .....	52	6.53	6.53	6.65	6.74		240.30	238.35	246.72	247.36	
Lumber and other building materials .....	521	6.81	6.82	6.94	7.03		264.23	261.89	272.74	274.87	
Hardware stores .....	525	5.67	5.65	5.69	5.72		188.24	187.02	190.05	189.33	
General merchandise stores .....	53	5.56	5.57	5.94	6.05		164.02	162.64	177.01	176.06	
Department stores .....	531	5.75	5.75	6.18	6.30		169.05	167.33	182.93	182.07	
Variety stores .....	533	4.51	4.50	4.60	4.60		131.69	130.95	139.38	135.70	
Misc. general merchandise stores .....	539	4.62	4.55	4.74	4.81		143.22	138.32	148.84	150.55	
Food stores .....	54	7.68	7.67	7.23	7.31		236.54	232.40	224.85	222.96	
Grocery stores .....	541	7.95	7.94	7.44	7.52		246.45	242.17	232.13	230.86	
Retail bakeries .....	546	5.30	5.28	5.27	5.35		151.58	149.95	154.41	156.76	
Automotive dealers and service stations .....	55	7.20	7.10	7.36	7.51		267.12	262.70	273.79	276.37	
New and used car dealers .....	551,2	8.68	8.53	8.99	9.26		329.84	324.14	339.82	350.03	
Auto and home supply stores .....	553	6.51	6.39	6.51	6.51		260.40	255.60	263.66	259.75	
Gasoline service stations .....	554	5.28	5.27	5.29	5.30		182.69	180.76	184.09	181.26	
Apparel and accessory stores .....	56	5.17	5.18	5.16	5.27		144.76	143.49	148.09	147.03	
Men's and boys' clothing and furnishings .....	561	5.87	5.90	6.17	6.09		181.97	181.13	194.97	186.35	
Women's ready-to-wear stores .....	562	4.96	4.95	4.96	5.08		134.42	132.17	133.92	135.64	
Family clothing stores .....	565	5.07	5.05	5.09	5.31		142.47	141.40	145.57	147.09	
Shoe stores .....	566	5.23	5.27	5.13	5.22		144.87	144.40	146.72	143.03	
Furniture and home furnishings stores .....	57	7.04	7.04	7.31	7.34		242.18	240.06	252.20	251.03	
Furniture and home furnishings stores .....	571	6.98	7.00	7.39	7.39		238.02	237.30	253.48	250.52	
Household appliance stores .....	572	7.22	7.21	7.19	7.26		249.09	248.75	253.81	251.92	
Radio, television, and music stores .....	573	7.09	7.03	7.20	7.28		248.15	241.13	247.68	251.16	
Eating and drinking places <sup>3</sup> .....	58	4.33	4.33	4.33	4.37		114.31	112.15	115.61	112.75	

See footnotes at end of table.



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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Retail trade—Continued</b>											
Miscellaneous retail .....	59	31.4	31.2	31.6	30.9						
Drug stores and proprietary stores .....	591	30.1	29.9	30.7	29.5						
Miscellaneous shopping goods stores .....	594	29.9	29.4	29.9	29.4						
Nonstore retailers .....	596	34.9	35.1	33.5	33.4						
Fuel and ice dealers .....	598	38.1	38.2	37.8	38.2						
Retail stores, nec .....	599	32.2	31.7	33.0	32.5						
<b>Finance, insurance, and real estate<sup>4</sup></b> .....		36.6	36.5	36.3	36.5	36.1					
Banking .....	60	36.7	36.4	36.2	36.4						
Commercial and stock savings banks .....	602	36.7	36.4	36.2	36.4						
Credit agencies other than banks .....	61	37.8	37.4	37.2	37.8						
Savings and loan associations .....	612	37.4	36.7	36.6	36.9						
Personal credit institutions .....	614	37.4	37.6	37.6	37.9						
Insurance carriers .....	63	37.4	37.3	37.3	37.5						
Life insurance .....	631	37.0	37.0	37.0	37.1						
Medical service and health insurance .....	632	37.5	38.0	38.4	38.5						
Fire, marine, and casualty insurance .....	633	37.5	37.2	37.1	37.3						
<b>Services</b> .....		32.8	32.7	33.1	32.8	32.7					
Hotels and other lodging places:											
Hotels, motels, and tourist courts <sup>3</sup> .....	701	31.1	30.6	31.3	31.2						
Personal services:											
Laundry, cleaning, and garment services .....	721	34.1	34.5	34.3	34.3						
Beauty shops <sup>3</sup> .....	723	29.8	30.1	30.6	30.4						
Business services .....	73	33.6	33.5	34.0	33.8						
Advertising .....	731	36.2	36.0	36.3	36.4						
Services to buildings .....	734	28.7	28.6	29.0	28.9						
Computer and data processing services .....	737	38.7	38.5	38.6	37.8						
Auto repair, services, and garages .....	75	37.9	37.5	37.9	37.5						
Automotive repair shops .....	753	39.2	38.9	38.6	38.2						
Miscellaneous repair services .....	76	38.6	38.6	39.2	39.1						
Motion pictures .....	78	29.3	29.9	29.9	28.9						
Motion picture production and services .....	781	39.3	39.4	38.5	39.0						
Amusement and recreation services .....	79	29.9	29.4	30.5	27.9						
Health services .....	80	32.6	32.3	32.7	32.7						
Offices of physicians .....	801	30.7	30.6	30.8	30.7						
Offices of dentists .....	802	28.5	28.6	29.2	28.6						
Nursing and personal care facilities .....	805	31.9	31.1	31.4	31.8						
Hospitals .....	806	34.2	33.9	34.5	34.6						
Legal services .....	81	34.6	34.6	34.8	34.7						
Miscellaneous services .....	89	38.8	38.8	39.1	39.0						
Engineering and architectural services .....	891	39.7	39.7	40.1	40.1						
Accounting, auditing, and bookkeeping .....	893	37.6	37.8	38.0	37.5						

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>o</sup>	Oct. 1985 <sup>o</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>o</sup>	Oct. 1985 <sup>o</sup>
<b>Retail trade—Continued</b>											
Miscellaneous retail .....	59	\$5.81	\$5.78	\$5.92	\$6.00		\$182.43	\$180.34	\$187.07	\$185.40	
Drug stores and proprietary stores .....	591	5.38	5.34	5.36	5.49		161.94	159.67	164.55	161.96	
Miscellaneous shopping goods stores .....	594	5.55	5.51	5.67	5.71		165.95	161.99	169.53	167.87	
Nonstore retailers .....	596	6.15	6.02	6.56	6.57		214.64	211.30	219.76	219.44	
Fuel and ice dealers .....	598	8.12	8.28	8.32	8.49		309.37	316.30	314.50	324.32	
Retail stores, nec .....	599	6.19	6.17	6.27	6.35		199.32	195.59	206.91	206.38	
<b>Finance, insurance, and real estate<sup>4</sup></b> .....		7.76	7.67	7.90	8.02	\$7.98	284.02	279.96	286.77	292.73	\$288.08
Banking .....	60	6.67	6.61	6.82	6.91		244.79	240.60	246.88	251.52	
Commercial and stock savings banks .....	602	6.52	6.45	6.67	6.77		239.28	234.78	241.45	246.43	
Credit agencies other than banks .....	61	6.96	6.89	7.21	7.36		263.09	257.69	268.21	278.21	
Savings and loan associations .....	612	6.32	6.26	6.70	6.88		236.37	229.74	245.22	253.87	
Personal credit institutions .....	614	6.76	6.61	6.94	7.08		252.82	248.54	260.94	268.33	
Insurance carriers .....	63	8.52	8.42	8.65	8.72		318.65	314.07	322.65	327.00	
Life insurance .....	631	8.28	8.14	8.14	8.19		306.36	301.18	301.18	303.85	
Medical service and health insurance .....	632	8.44	8.27	8.76	8.88		316.50	314.26	336.38	341.88	
Fire, marine, and casualty insurance .....	633	8.70	8.67	8.96	9.05		326.25	322.52	332.42	337.57	
<b>Services</b> .....		7.72	7.71	7.87	8.04	8.05	253.22	252.12	260.50	263.71	263.24
Hotels and other lodging places:											
Hotels, motels, and tourist courts <sup>2</sup> .....	701	5.39	5.46	5.70	5.84		167.63	167.08	178.41	182.21	
Personal services:											
Laundry, cleaning, and garment services .....	721	5.67	5.64	5.80	5.84		193.35	194.58	198.94	200.31	
Beauty shops <sup>3</sup> .....	723	5.70	5.63	6.03	6.01		169.86	169.46	184.52	182.70	
Business services .....	73	8.00	7.97	8.27	8.37		268.80	267.00	281.18	282.91	
Advertising .....	731	10.91	10.61	10.56	10.92		394.94	381.96	383.33	397.49	
Services to buildings .....	734	6.18	6.13	6.42	6.41		177.37	175.32	186.18	185.25	
Computer and data processing services .....	737	10.69	10.69	11.24	11.55		413.70	411.57	433.86	436.59	
Auto repair, services, and garages .....	75	7.21	7.20	7.45	7.49		273.26	270.00	282.36	280.88	
Automotive repair shops .....	753	7.74	7.73	8.10	8.14		303.41	300.70	312.66	310.95	
Miscellaneous repair services .....	76	8.69	8.75	8.87	8.89		335.43	337.75	347.70	347.60	
Motion pictures .....	78	12.01	12.11	11.26	11.54		351.89	362.09	336.67	333.51	
Motion picture production and services .....	781	16.63	16.41	16.52	15.92		653.56	646.55	636.02	620.88	
Amusement and recreation services .....	79	6.89	6.94	6.20	6.80		206.01	204.04	189.10	189.72	
Health services .....	80	7.84	7.84	8.11	8.17		255.58	253.23	265.20	267.16	
Offices of physicians .....	801	7.72	7.64	7.96	8.08		237.00	233.78	245.17	248.06	
Offices of dentists .....	802	7.51	7.52	7.89	7.93		214.04	215.07	230.39	226.80	
Nursing and personal care facilities .....	805	5.42	5.44	5.62	5.66		172.90	169.18	176.47	179.99	
Hospitals .....	806	8.69	8.71	9.03	9.10		297.20	295.27	311.54	314.86	
Legal services .....	81	10.11	9.99	10.46	10.76		349.81	345.65	364.01	373.37	
Miscellaneous services .....	89	11.35	11.22	11.56	11.87		440.38	435.34	452.00	462.93	
Engineering and architectural services .....	891	12.08	12.01	12.37	12.62		479.58	476.80	496.04	506.06	
Accounting, auditing, and bookkeeping .....	893	9.63	9.45	9.70	10.11		362.09	357.21	368.60	379.13	

<sup>1</sup> 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.

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

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

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

division.

- Data not available.

<sup>o</sup> = 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  
EARNINGS  
NOT SEASONALLY ADJUSTED**

**C-3. Average hourly earnings, excluding overtime<sup>1</sup> of production workers on manufacturing payrolls**

Industry	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Manufacturing</b> .....	\$8.85	\$8.87	\$9.10	\$9.14	\$9.15
<b>Durable goods</b> .....	9.37	9.38	9.65	9.71	9.72
Lumber and wood products .....	7.87	7.81	7.91	7.95	( <sup>1</sup> )
Furniture and fixtures .....	6.71	6.70	7.00	7.04	( <sup>1</sup> )
Stone, clay, and glass products .....	9.09	9.11	9.29	9.32	( <sup>1</sup> )
Primary metal industries .....	10.93	10.89	11.12	11.16	( <sup>1</sup> )
Fabricated metal products .....	9.02	9.01	9.22	9.29	( <sup>1</sup> )
Machinery, except electrical .....	9.58	9.60	9.88	9.95	( <sup>1</sup> )
Electrical and electronic equipment .....	8.79	8.82	9.21	9.24	( <sup>1</sup> )
Transportation equipment .....	11.64	11.67	12.01	12.08	( <sup>1</sup> )
Instruments and related products .....	8.68	8.67	8.97	8.99	( <sup>1</sup> )
Miscellaneous manufacturing .....	6.85	6.84	7.07	7.06	( <sup>1</sup> )
<b>Nondurable goods</b> .....	8.10	8.12	8.33	8.33	\$8.34
Food and kindred products .....	7.90	7.92	8.03	8.03	( <sup>1</sup> )
Tobacco manufactures .....	10.38	10.46	12.23	11.34	( <sup>1</sup> )
Textile mill products .....	6.26	6.27	6.45	6.45	( <sup>1</sup> )
Apparel and other textile products .....	5.53	5.51	5.58	5.63	( <sup>1</sup> )
Paper and allied products .....	9.91	9.95	10.30	10.30	( <sup>1</sup> )
Printing and publishing .....	9.15	9.14	9.37	9.41	( <sup>1</sup> )
Chemicals and allied products .....	10.75	10.85	11.17	11.19	( <sup>1</sup> )
Petroleum and coal products .....	12.84	12.86	13.33	13.40	( <sup>1</sup> )
Rubber and misc. plastics products .....	7.95	7.97	8.16	8.17	( <sup>1</sup> )
Leather and leather products .....	5.62	5.63	5.68	5.69	( <sup>1</sup> )

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

<sup>2</sup> Not available.

<sup>p</sup> = 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 workers on private nonagricultural payrolls by major industry, in current and constant (1977) dollars.**

Industry	Average hourly earnings					Average weekly earnings				
	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>	Sept. 1984	Oct. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Oct. 1985 <sup>p</sup>
<b>Total private:</b>										
Current dollars .....	\$8.43	\$8.40	\$8.54	\$8.67	\$8.65	\$298.42	\$294.84	\$302.32	\$305.18	\$302.75
Constant (1977) dollars .....	4.90	4.88	4.85	4.91	( <sup>1</sup> )	173.50	171.42	171.68	172.81	( <sup>1</sup> )
<b>Mining:</b>										
Current dollars .....	11.72	11.58	11.95	12.00	\$11.98	515.68	500.26	517.44	525.60	\$516.34
Constant (1977) dollars .....	6.81	6.73	6.79	6.80	( <sup>1</sup> )	299.81	290.85	293.83	297.62	( <sup>1</sup> )
<b>Construction:</b>										
Current dollars .....	12.24	12.23	12.22	12.39	\$12.38	471.24	464.74	468.03	477.02	\$471.68
Constant (1977) dollars .....	7.12	7.11	6.94	7.01	( <sup>1</sup> )	273.98	270.20	265.78	270.11	( <sup>1</sup> )
<b>Manufacturing:</b>										
Current dollars .....	9.24	9.24	9.48	9.54	\$9.54	376.07	374.22	382.99	389.23	\$388.28
Constant (1977) dollars .....	5.37	5.37	5.38	5.40	( <sup>1</sup> )	218.65	217.57	217.48	220.40	( <sup>1</sup> )
<b>Transportation and public utilities:</b>										
Current dollars .....	11.22	11.18	11.40	11.50	\$11.45	447.68	438.26	454.86	456.55	\$451.13
Constant (1977) dollars .....	6.52	6.50	6.47	6.51	( <sup>1</sup> )	260.28	254.80	258.30	258.52	( <sup>1</sup> )
<b>Wholesale trade:</b>										
Current dollars .....	9.06	9.00	9.25	9.33	\$9.25	351.53	348.30	358.90	362.00	\$357.05
Constant (1977) dollars .....	5.27	5.23	5.25	5.28	( <sup>1</sup> )	204.38	202.50	203.80	204.98	( <sup>1</sup> )
<b>Retail trade:</b>										
Current dollars .....	5.88	5.88	5.91	6.00	\$5.97	176.40	174.64	179.07	177.60	\$176.12
Constant (1977) dollars .....	3.42	3.42	3.35	3.40	( <sup>1</sup> )	102.56	101.53	101.69	100.57	( <sup>1</sup> )
<b>Finance, insurance, and real estate:</b>										
Current dollars .....	7.76	7.67	7.90	8.02	\$7.98	284.02	279.96	286.77	292.73	\$288.08
Constant (1977) dollars .....	4.51	4.46	4.49	4.54	( <sup>1</sup> )	165.13	162.77	162.84	165.76	( <sup>1</sup> )
<b>Services:</b>										
Current dollars .....	7.72	7.71	7.87	8.04	\$8.05	253.22	252.12	260.50	263.71	\$263.24
Constant (1977) dollars .....	4.49	4.48	4.47	4.55	( <sup>1</sup> )	147.22	146.58	147.93	149.33	( <sup>1</sup> )

<sup>1</sup> 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.

<sup>2</sup> Not available.

<sup>p</sup> = 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.

**ESTABLISHMENT DATA  
HOURS  
SEASONALLY ADJUSTED**

**C-5. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted**

Industry	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>	Oct. <sup>P</sup>
<b>Total private</b> .....	35.2	35.2	35.2	35.1	35.1	35.2	35.0	35.1	35.1	35.0	35.1	35.1	35.0
<b>Mining</b> .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Construction</b> .....	37.7	38.0	37.8	37.7	37.8	38.1	38.0	37.6	37.2	37.6	37.5	37.9	37.8
<b>Manufacturing</b> .....	40.5	40.5	40.6	40.6	40.1	40.4	40.2	40.4	40.4	40.3	40.6	40.7	40.7
<i>Overtime hours</i> .....	3.3	3.4	3.4	3.4	3.3	3.2	3.4	3.1	3.2	3.2	3.3	3.3	3.4
<b>Durable goods</b> .....	41.3	41.2	41.3	41.3	40.7	41.1	40.9	41.1	41.2	41.0	41.3	41.3	41.4
<i>Overtime hours</i> .....	3.5	3.6	3.6	3.6	3.5	3.5	3.6	3.2	3.3	3.3	3.4	3.5	3.5
Lumber and wood products .....	39.7	39.6	39.8	39.7	38.9	39.6	39.5	39.8	40.1	39.7	40.0	40.1	40.3
Furniture and fixtures .....	39.6	39.7	39.6	40.4	39.5	39.5	39.3	38.9	38.9	38.8	39.2	39.5	39.4
Stone, clay, and glass products .....	41.9	41.8	41.8	41.7	41.6	42.0	42.0	42.1	41.9	42.0	42.0	42.0	42.1
Primary metal industries .....	41.3	41.5	41.2	41.0	40.9	41.1	41.0	41.2	41.6	41.4	41.7	41.5	42.1
Blast furnaces and basic steel products ..	40.1	40.9	39.8	39.9	40.5	40.5	40.2	40.7	41.2	41.2	41.8	41.1	42.3
Fabricated metal products .....	41.3	41.1	41.4	41.4	40.9	41.1	41.1	41.1	41.3	41.3	41.4	41.5	41.4
Machinery, except electrical .....	41.9	41.8	41.7	41.7	41.1	41.6	41.2	41.4	41.6	41.3	41.6	41.6	41.5
Electrical and electronic equipment .....	40.9	40.9	41.0	40.8	40.2	40.7	40.2	40.4	40.6	40.3	40.7	40.5	40.7
Transportation equipment .....	42.6	42.4	42.8	43.1	41.9	42.5	42.3	42.6	42.3	42.5	42.9	43.0	42.9
Motor vehicles and equipment .....	43.5	43.5	44.0	44.3	42.4	43.2	43.3	43.5	42.7	43.3	43.8	43.7	44.1
Instruments and related products .....	41.3	41.4	41.8	41.2	40.7	41.0	40.7	40.9	41.1	40.7	40.7	40.9	40.7
Miscellaneous manufacturing .....	39.3	39.3	39.3	39.2	39.0	39.1	39.0	39.3	39.4	39.0	39.3	39.8	40.0
<b>Nondurable goods</b> .....	39.4	39.5	39.6	39.5	39.3	39.4	39.1	39.4	39.4	39.4	39.6	39.8	39.8
<i>Overtime hours</i> .....	3.0	3.1	3.0	3.0	2.9	2.9	3.0	2.9	3.0	3.0	3.1	3.1	3.2
Food and kindred products .....	39.7	39.7	40.1	39.8	39.7	39.8	39.6	40.1	39.6	40.0	39.9	40.2	40.1
Tobacco manufactures .....	38.7	39.0	38.8	38.3	39.2	38.9	35.4	37.0	36.6	34.6	36.8	36.7	38.0
Textile mill products .....	38.8	39.1	39.2	39.2	38.8	39.1	38.8	38.9	39.4	39.1	40.0	40.6	40.5
Apparel and other textile products .....	36.0	36.1	36.3	36.2	35.9	36.1	35.6	36.2	36.3	36.3	36.4	36.6	36.4
Paper and allied products .....	43.0	43.1	43.1	43.0	42.9	42.9	43.0	43.0	42.9	42.7	43.0	43.1	43.2
Printing and publishing .....	37.8	37.8	37.7	37.8	37.7	37.6	37.6	37.4	37.5	37.5	37.9	37.9	37.8
Chemicals and allied products .....	41.7	41.8	41.9	42.0	41.9	42.1	41.9	41.9	42.0	41.8	41.8	41.7	41.6
Petroleum and coal products .....	43.6	43.4	43.0	43.2	43.1	43.3	42.0	41.7	42.6	42.9	43.3	43.4	43.6
Rubber and misc. plastics products .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Leather and leather products .....	36.6	36.6	36.9	36.8	36.4	37.1	37.0	37.1	37.0	37.0	37.3	37.9	38.0
<b>Transportation and public utilities</b> .....	39.2	39.4	39.3	39.3	39.4	39.5	39.4	39.5	39.5	39.2	39.6	39.5	39.4
<b>Wholesale trade</b> .....	38.6	38.6	38.6	38.6	38.6	38.7	38.6	38.7	38.8	38.6	38.6	38.7	38.5
<b>Retail trade</b> .....	29.8	29.9	29.9	29.8	29.8	29.8	29.7	29.9	29.9	29.7	29.6	29.5	29.6
<b>Finance, insurance, and real estate</b> .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Services</b> .....	32.8	32.8	32.9	32.7	32.8	32.8	32.7	32.8	32.8	32.7	32.8	32.8	32.8

<sup>1</sup> 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.

<sup>2</sup> 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.  
<sup>P</sup> = 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 workers<sup>1</sup> on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted**

(1977 = 100)

Industry	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>	Oct. <sup>P</sup>
<b>Total private</b> .....	113.9	114.5	115.0	115.0	115.1	115.7	115.6	116.2	116.3	116.0	116.7	116.9	117.3
<b>Goods-producing</b> .....	99.1	99.3	99.9	100.0	98.8	99.6	99.1	99.1	98.6	98.5	99.1	99.2	99.6
<b>Mining</b> .....	111.7	112.6	112.1	110.9	112.2	112.6	113.6	114.0	112.6	111.1	110.5	110.5	109.3
<b>Construction</b> .....	116.9	118.4	119.4	121.3	121.2	123.4	125.7	124.4	122.4	124.3	124.8	127.1	127.4
<b>Manufacturing</b> .....	95.0	95.0	95.5	95.3	93.9	94.3	93.3	93.4	93.4	92.9	93.5	93.3	93.8
<b>Durable goods</b> .....	95.0	94.8	95.4	95.2	93.3	93.9	92.8	92.9	92.7	91.9	92.6	91.9	92.5
Lumber and wood products .....	95.9	95.8	96.8	96.2	93.3	94.4	93.2	94.0	94.1	94.3	95.8	96.0	98.5
Furniture and fixtures .....	104.4	105.7	106.0	108.4	105.7	106.0	104.7	102.6	102.8	102.6	104.7	104.4	104.9
Stone, clay, and glass products .....	87.2	87.2	87.8	87.8	87.2	88.2	87.8	88.0	87.4	87.6	87.8	87.4	88.0
Primary metal industries .....	70.2	70.2	69.3	69.0	68.4	68.0	66.9	66.9	67.2	66.3	66.0	65.5	67.0
Blast furnaces and basic steel products .....	56.1	57.0	55.0	55.1	55.5	54.8	54.6	54.4	54.3	54.1	52.7	52.1	53.2
Fabricated metal products .....	92.2	92.0	92.9	92.7	91.4	91.6	91.5	91.3	91.4	91.0	91.3	91.3	91.6
Machinery, except electrical .....	96.5	95.9	95.6	95.1	93.3	94.1	92.5	92.8	92.6	91.2	91.5	90.4	90.4
Electrical and electronic equipment .....	112.9	112.7	112.7	111.8	109.4	109.8	106.6	106.4	106.1	104.3	105.1	103.4	104.6
Transportation equipment .....	95.7	95.1	97.6	98.8	95.6	96.9	97.5	97.8	97.2	97.1	98.5	97.6	97.7
Motor vehicles and equipment .....	90.5	90.9	94.0	95.2	89.3	90.2	91.4	91.3	89.6	89.9	91.5	89.1	90.9
Instruments and related products .....	108.0	108.5	109.6	107.7	106.7	107.2	105.9	105.6	106.1	104.3	104.5	104.2	102.7
Miscellaneous manufacturing .....	85.4	85.1	84.8	83.9	82.9	82.8	81.7	82.3	81.9	79.9	81.7	81.9	82.6
<b>Nondurable goods</b> .....	95.1	95.3	95.7	95.6	94.7	95.0	94.1	94.3	94.3	94.4	94.9	95.3	95.6
Food and kindred products .....	96.0	96.3	98.0	97.6	97.3	98.0	97.1	98.6	98.4	98.1	98.5	98.9	99.0
Tobacco manufactures .....	89.7	90.4	89.9	90.5	90.8	88.3	82.0	84.0	83.1	78.5	81.8	83.3	84.5
Textile mill products .....	76.4	76.5	76.4	76.2	74.5	74.6	74.1	73.6	74.3	73.6	75.2	76.2	76.2
Apparel and other textile products .....	89.4	89.5	90.4	89.9	88.7	88.6	87.1	87.4	86.9	88.4	87.9	88.7	88.4
Paper and allied products .....	99.3	99.5	99.7	99.7	99.3	99.5	99.3	99.9	99.6	99.2	100.1	100.1	100.9
Printing and publishing .....	119.1	119.4	118.8	119.9	119.9	119.8	120.0	119.7	120.3	121.2	122.8	122.4	122.0
Chemicals and allied products .....	94.4	94.5	94.7	94.7	94.5	94.8	94.2	93.7	93.9	93.3	93.3	93.1	93.5
Petroleum and coal products .....	87.0	86.6	85.1	85.5	85.3	84.9	81.6	80.3	82.0	82.6	83.4	80.5	82.4
Rubber and misc. plastics products .....	111.6	112.5	112.7	112.4	110.4	111.1	109.6	109.1	108.7	108.5	108.6	109.1	111.7
Leather and leather products .....	69.5	68.5	68.6	67.5	65.9	66.7	66.1	66.3	65.6	67.5	67.1	68.2	67.9
<b>Service-producing</b> .....	122.1	122.9	123.4	123.3	124.0	124.6	124.7	125.7	126.1	125.7	126.4	126.7	127.1
<b>Transportation and public utilities</b> .....	105.7	106.5	106.5	106.7	107.2	107.6	107.5	108.2	108.2	107.5	108.1	108.8	108.6
<b>Wholesale trade</b> .....	116.5	116.8	117.3	117.7	117.9	118.6	118.8	119.5	120.2	119.6	120.0	120.4	120.3
<b>Retail trade</b> .....	114.5	115.8	116.0	115.9	116.4	116.8	116.7	118.2	118.5	117.8	118.0	117.7	118.6
<b>Finance, insurance, and real estate</b> .....	125.6	126.0	126.7	126.1	126.8	127.7	127.8	128.0	130.3	128.7	129.5	131.2	129.8
<b>Services</b> .....	135.5	136.1	137.0	136.8	137.9	138.7	138.9	139.8	139.9	140.1	141.4	141.7	142.7

<sup>1</sup> 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.

<sup>P</sup> = 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 workers<sup>1</sup> on private nonagricultural payrolls, seasonally adjusted**

Industry	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>o</sup>	Oct. <sup>o</sup>
Hourly Earnings Index <sup>2</sup> (1977 = 100)													
<b>Total private</b> (in current dollars) .....	161.6	162.3	163.4	163.0	164.0	164.4	164.8	164.9	165.7	165.4	165.7	166.6	166.7
<b>Mining</b> .....	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )
<b>Construction</b> .....	147.7	147.6	148.9	149.2	150.8	149.9	150.4	150.0	149.3	149.1	149.4	149.9	149.9
<b>Manufacturing</b> .....	164.1	164.7	165.4	166.3	166.9	167.4	167.9	168.4	168.6	169.0	169.3	169.1	169.4
<b>Transportation and public utilities</b> .....	162.8	162.9	164.1	163.5	164.2	165.4	165.0	165.0	166.6	166.0	166.1	167.0	167.1
<b>Wholesale trade</b> .....	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )
<b>Retail trade</b> .....	154.0	155.2	155.6	154.5	155.4	155.5	155.6	155.9	155.9	155.8	155.8	157.2	157.1
<b>Finance, insurance, and real estate</b> .....	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )
<b>Services</b> .....	164.1	164.9	166.7	164.3	166.2	167.2	167.8	167.6	169.8	169.0	169.6	171.3	171.4
<b>Total private</b> (in constant dollars) <sup>4</sup> .....	94.1	94.5	94.9	94.5	94.7	94.5	94.4	94.3	94.5	94.3	94.3	94.6	( <sup>o</sup> )
Average hourly earnings													
<b>Total private</b> .....	\$8.38	\$8.42	\$8.47	\$8.44	\$8.49	\$8.52	\$8.54	\$8.55	\$8.59	\$8.57	\$8.60	\$8.64	\$8.64
<b>Mining</b> .....	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )
<b>Construction</b> .....	\$12.14	\$12.16	\$12.20	\$12.20	\$12.27	\$12.22	\$12.26	\$12.25	\$12.23	\$12.23	\$12.26	\$12.29	\$12.28
<b>Manufacturing</b> .....	9.28	9.31	9.35	9.38	9.41	9.43	9.48	9.49	9.51	9.53	9.56	9.55	9.58
<b>Transportation and public utilities</b> .....	11.16	11.18	11.23	11.21	11.25	11.27	11.30	11.31	11.40	11.36	11.41	11.47	11.43
<b>Wholesale trade</b> .....	9.01	9.09	9.19	9.09	9.20	9.23	9.22	9.24	9.32	9.27	9.27	9.32	9.26
<b>Retail trade</b> .....	5.90	5.93	5.93	5.92	5.94	5.95	5.94	5.96	5.94	5.95	5.96	6.01	5.99
<b>Finance, insurance, and real estate</b> .....	7.68	7.72	7.81	7.70	7.81	7.86	7.85	7.81	7.98	7.90	7.95	8.04	7.99
<b>Services</b> .....	7.70	7.74	7.81	7.74	7.81	7.86	7.88	7.89	7.97	7.94	7.97	8.03	8.04
Average weekly earnings													
<b>Total private:</b>													
In current dollars .....	294.98	296.38	298.14	296.24	298.00	299.90	298.90	300.11	301.51	299.95	301.86	303.26	302.40
In constant (1977) dollars <sup>4</sup> .....	171.80	172.62	173.14	171.73	172.15	172.46	171.19	171.59	172.00	171.01	171.80	172.31	( <sup>o</sup> )

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

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

<sup>5</sup> Not available.

<sup>o</sup> = 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  
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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984 <sup>r</sup>	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>
<b>Alabama</b> .....	41.0	41.3	41.4	\$8.00	\$8.49	\$8.53	\$328.00	\$350.64	\$353.14
Birmingham .....	41.7	40.8	40.3	8.28	8.76	8.79	345.28	357.41	354.24
Mobile .....	42.8	40.4	41.3	9.83	10.45	10.54	420.72	422.18	435.30
<b>Alaska</b> .....	36.5	43.3	41.5	12.52	10.90	12.89	456.98	471.97	534.94
<b>Arizona</b> .....	40.9	40.2	40.4	9.00	9.59	9.66	368.10	385.52	390.26
Phoenix .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Tucson .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Arkansas</b> .....	41.0	40.0	40.6	7.36	7.58	7.59	301.76	303.20	308.15
Fayetteville-Springdale .....	40.0	40.0	40.7	6.19	6.52	6.54	247.60	260.80	266.18
Fort Smith .....	42.8	40.7	40.1	7.85	8.05	8.07	335.98	327.64	323.61
Little Rock-North Little Rock .....	41.2	40.1	41.5	8.07	8.27	8.27	332.48	331.63	343.21
Pine Bluff .....	41.9	41.0	41.7	9.45	9.74	9.73	395.96	399.34	405.74
<b>California</b> .....	40.2	40.2	40.4	9.87	10.11	10.17	396.77	406.42	410.87
<b>Colorado</b> .....	41.8	40.8	40.8	9.27	9.42	9.43	387.49	384.34	384.74
Denver-Boulder .....	41.7	41.3	41.3	9.63	9.81	9.79	401.57	405.15	404.33
<b>Connecticut</b> .....	42.5	41.2	41.6	9.28	9.52	9.58	394.40	392.22	398.53
Bridgeport-Milford .....	41.0	39.9	40.8	9.71	10.05	10.04	398.11	401.00	409.63
Hartford .....	42.7	41.2	41.8	9.91	9.86	9.99	423.16	406.23	417.58
New Britain .....	43.1	41.8	42.2	9.75	9.83	9.96	420.22	410.89	420.31
New Haven-Meriden .....	41.4	40.6	41.1	9.08	9.10	9.06	375.91	369.46	372.37
Stamford .....	44.2	42.2	42.2	8.95	9.81	9.68	395.59	413.98	408.50
Waterbury .....	43.9	41.0	41.8	7.91	8.11	8.22	347.25	332.51	343.60
<b>Delaware</b> .....	41.2	41.2	40.1	9.06	9.63	9.65	373.27	396.76	386.97
Wilmington .....	41.4	40.2	39.7	10.50	11.59	11.18	434.70	465.92	443.85
<b>District of Columbia:</b>									
Washington MSA .....	39.1	37.9	38.7	10.29	10.68	10.96	402.34	404.77	424.15
<b>Florida</b> .....	40.9	41.7	41.8	7.73	7.83	7.89	316.16	326.51	329.80
Fort Lauderdale-Hollywood-Pompano Beach .....	41.6	42.7	42.0	7.42	7.67	7.75	308.67	327.51	325.50
Jacksonville .....	41.5	40.7	41.4	8.07	8.10	8.21	334.91	329.67	339.89
Lakeland-Winter Haven .....	41.3	42.2	42.8	7.64	7.93	7.89	315.53	334.65	337.69
Miami-Hialeah .....	38.6	39.7	39.0	6.61	6.95	6.92	255.15	275.92	269.88
Orlando .....	41.6	41.4	41.7	7.98	8.28	8.36	331.97	342.79	348.61
Pensacola .....	42.0	41.0	41.7	9.12	9.36	9.40	383.04	383.76	391.98
Tampa-St. Petersburg-Clearwater .....	41.6	41.5	41.0	7.66	7.63	7.71	318.66	316.65	316.11
West Palm Beach-Boca Raton-Delray Beach .....	40.6	39.4	39.7	7.72	8.34	8.34	313.43	328.60	331.10
<b>Georgia</b> .....	41.0	41.0	41.3	7.67	8.01	8.07	314.47	328.41	333.29
Atlanta .....	39.7	41.1	41.4	8.80	9.22	9.39	349.36	378.94	388.75
Savannah .....	45.7	43.0	44.8	9.93	10.29	10.31	453.80	442.47	461.89
<b>Hawaii</b> .....	37.1	38.2	38.0	8.19	8.62	8.82	303.85	329.28	335.16
Honolulu .....	38.0	38.0	38.1	8.26	8.82	8.95	313.88	335.16	341.00
<b>Idaho</b> .....	37.9	38.9	38.2	9.53	9.46	9.19	361.19	367.99	351.06
<b>Illinois</b> .....	41.3	40.4	40.8	10.17	10.41	10.45	420.02	420.56	426.36
Aurora-Elgin .....	38.4	39.2	39.1	10.04	10.24	10.23	385.54	401.41	399.99
Bloomington-Normal .....	37.1	39.7	39.0	10.12	10.36	10.43	375.45	411.29	406.77
Champaign-Urbana-Rantoul .....	32.6	38.6	40.0	9.28	9.16	9.20	302.53	353.58	368.00
Chicago .....	41.4	40.8	40.9	9.87	10.18	10.24	408.62	415.34	418.82
Davenport-Rock Island-Moline .....	39.7	38.8	38.1	12.21	12.11	12.29	484.74	469.87	468.25
Decatur .....	36.2	41.0	40.9	12.61	13.18	13.24	456.48	540.38	541.52
Joliet .....	41.3	40.8	41.3	11.15	11.45	11.51	460.50	467.16	475.36
Kankakee .....	31.2	37.7	38.0	10.41	10.61	10.67	324.79	400.00	405.46
Lake County .....	39.7	39.3	39.2	9.55	10.12	10.25	379.14	397.72	401.80
Peoria .....	39.4	40.0	41.6	12.47	12.45	12.65	491.32	498.00	526.24
Rockford .....	42.1	40.9	40.5	10.22	10.67	10.91	430.26	436.40	441.86
Springfield .....	36.7	41.1	41.6	11.61	11.35	11.39	426.09	466.49	473.82

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>Indiana</b> .....	41.9	41.1	41.4	\$10.44	\$10.61	\$10.67	\$437.44	\$436.07	\$441.74
Gary-Hammond .....	41.5	41.9	42.6	13.29	13.98	14.00	551.54	585.76	596.40
Indianapolis .....	42.6	41.5	41.5	10.74	10.99	11.00	457.52	456.08	456.50
<b>Iowa</b> .....	40.8	39.9	41.2	10.24	10.37	10.28	417.79	413.76	423.54
Cedar Rapids .....	42.1	39.7	40.6	11.21	11.32	11.26	471.94	449.40	457.16
Des Moines .....	41.8	39.9	41.0	12.40	11.99	11.89	518.32	478.40	487.49
Dubuque .....	42.1	40.3	40.8	10.88	11.66	11.65	458.05	469.90	475.32
Sioux City .....	40.6	40.6	42.7	8.53	8.38	8.54	346.32	340.23	364.66
Waterloo-Cedar Falls .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Kansas</b> .....	40.2	39.8	40.0	9.40	9.33	9.53	377.88	371.33	381.20
Topeka .....	41.8	39.7	41.3	10.24	10.78	10.97	428.03	427.97	453.06
Wichita .....	39.9	39.5	39.2	9.71	9.66	9.86	387.43	381.57	386.51
<b>Kentucky</b> .....	39.0	39.0	39.3	9.34	9.50	9.55	364.26	370.50	375.32
Lexington-Fayette .....	39.7	39.0	39.4	9.76	10.13	9.98	387.47	395.07	393.21
Louisville .....	40.7	40.2	41.0	10.52	10.59	10.81	428.16	425.72	443.21
<b>Louisiana</b> .....	41.9	39.9	42.0	10.08	10.48	10.46	422.35	418.15	439.32
Baton Rouge .....	42.4	42.7	43.5	12.06	12.16	12.02	511.34	519.23	522.87
New Orleans .....	40.7	39.1	40.8	10.25	10.57	10.54	417.18	413.29	430.03
Shreveport .....	42.7	39.9	40.3	10.30	10.69	10.35	439.81	426.53	417.11
<b>Maine</b> .....	40.2	40.3	39.9	8.20	8.16	8.26	329.64	328.85	329.57
Lewiston-Auburn .....	37.2	38.8	38.4	6.69	6.66	6.64	248.87	258.41	254.98
Portland .....	38.3	38.9	36.5	8.06	8.87	8.83	308.70	345.04	322.30
<b>Maryland</b> .....	41.1	40.5	40.4	9.52	9.85	9.74	391.27	398.93	393.50
Baltimore MSA .....	41.7	41.4	41.0	9.85	10.21	10.20	410.75	422.69	418.20
<b>Massachusetts</b> .....	40.5	40.3	40.5	8.59	9.02	9.06	347.90	363.51	366.93
Boston .....	40.5	39.5	40.2	9.39	9.69	9.85	380.30	382.76	395.97
Brockton .....	39.5	38.5	38.5	6.62	7.06	7.08	261.49	271.81	272.58
Fall River .....	37.7	38.1	37.9	6.76	6.84	6.83	254.85	260.60	258.86
Lawrence-Haverhill .....	40.7	41.4	40.9	8.69	8.78	8.77	353.68	363.49	358.69
Lowell .....	40.4	41.5	41.9	8.09	8.34	8.44	326.84	346.11	353.64
New Bedford .....	40.2	38.8	39.7	7.80	7.92	7.94	313.56	307.30	315.22
Springfield .....	41.9	41.8	42.2	8.55	8.93	8.94	358.25	373.27	377.27
Worcester .....	40.2	40.5	41.1	8.69	8.92	8.97	349.34	361.26	368.67
<b>Michigan</b> .....	43.1	42.7	43.5	12.22	12.56	12.79	526.68	536.31	556.36
Ann Arbor .....	44.6	44.7	45.2	13.17	13.35	13.41	587.38	596.74	606.13
Battle Creek .....	42.0	42.7	42.7	12.66	12.94	13.28	531.72	552.54	567.06
Detroit .....	44.1	43.3	44.0	12.89	13.45	13.59	568.45	582.38	597.96
Flint .....	43.6	44.1	45.2	14.19	14.29	14.61	618.68	630.19	660.37
Grand Rapids .....	41.6	40.3	41.4	10.46	10.83	11.03	435.14	436.45	456.64
Jackson .....	42.5	41.2	42.1	9.94	9.96	10.11	422.45	410.35	425.63
Kalamazoo .....	41.0	42.5	44.6	11.46	11.87	12.05	469.86	504.47	537.43
Lansing-East Lansing .....	44.7	42.4	45.9	13.69	14.39	15.00	611.94	610.14	688.50
Muskegon .....	40.9	40.7	40.9	10.80	11.30	11.24	441.72	459.91	459.72
Saginaw-Bay City-Midland .....	44.1	43.4	43.8	14.35	13.80	14.10	632.83	598.92	617.58
<b>Minnesota</b> .....	40.1	40.1	40.6	9.78	9.99	10.02	392.18	400.60	406.81
Duluth .....	39.3	37.2	37.5	10.02	10.10	10.08	393.79	375.72	378.00
Minneapolis-St. Paul .....	40.7	40.1	40.7	10.48	10.89	10.96	426.54	436.69	446.07
St. Cloud .....	40.4	38.6	39.4	9.21	9.57	9.48	372.08	369.40	373.51
<b>Mississippi</b> .....	40.8	40.5	40.7	7.00	7.20	7.25	285.60	291.60	295.08
Jackson .....	42.1	40.6	41.7	7.99	8.10	8.24	336.38	328.86	343.61
<b>Missouri</b> .....	40.4	( <sup>1</sup> )	( <sup>1</sup> )	9.44	( <sup>1</sup> )	( <sup>1</sup> )	381.38	( <sup>1</sup> )	( <sup>1</sup> )
Kansas City .....	41.3	40.2	40.8	10.60	10.65	10.88	437.78	428.13	443.90
St. Joseph .....	38.9	41.0	41.0	8.12	9.03	9.23	315.87	370.23	378.43
St. Louis .....	40.4	( <sup>1</sup> )	( <sup>1</sup> )	10.90	( <sup>1</sup> )	( <sup>1</sup> )	440.36	( <sup>1</sup> )	( <sup>1</sup> )
Springfield .....	41.6	38.4	39.4	8.23	8.81	8.87	342.37	338.30	349.48
<b>Montana</b> .....	39.5	39.1	39.7	10.77	10.93	10.87	425.42	427.36	431.54

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>Nebraska</b> .....	41.1	40.7	41.2	\$9.07	\$9.00	\$9.12	\$372.78	\$366.30	\$375.74
Lincoln .....	41.6	39.7	40.9	9.46	9.65	10.03	393.54	383.11	410.23
Omaha .....	41.3	39.2	41.0	9.57	9.62	9.75	395.24	377.10	399.75
<b>Nevada</b> .....	39.3	40.8	39.9	9.30	9.21	9.13	365.49	375.77	364.29
Las Vegas .....	39.7	39.7	38.1	11.53	11.16	11.16	457.74	443.05	425.20
<b>New Hampshire</b> .....	41.3	40.8	41.5	7.89	8.40	8.37	325.86	342.72	347.36
Manchester .....	40.9	40.0	40.4	7.68	8.18	8.18	314.11	327.20	330.47
Nashua .....	40.9	40.1	41.2	9.27	10.13	10.02	379.14	406.21	412.82
<b>New Jersey</b> .....	41.4	40.7	40.9	9.54	9.83	9.80	394.96	400.08	400.82
Atlantic City .....	37.5	38.3	38.4	8.47	8.26	8.22	317.63	316.36	315.65
Bergen-Passaic .....	41.2	41.6	41.5	8.91	9.63	9.63	367.09	400.61	399.64
Camden .....	41.4	40.3	40.5	9.63	9.96	9.95	398.68	401.39	402.98
Jersey City .....	40.1	39.4	39.3	8.76	9.02	8.99	351.28	355.39	353.31
Middlesex-Somerset-Hunterdon .....	42.3	41.9	42.2	10.35	10.76	10.83	437.81	450.84	457.03
Newark .....	41.9	41.4	41.4	9.23	9.62	9.49	386.74	398.27	392.89
Trenton .....	40.4	38.8	38.8	9.37	9.92	9.93	378.55	384.90	385.28
<b>New Mexico</b> .....	39.7	40.4	41.1	7.88	8.34	8.44	312.84	336.94	346.88
Albuquerque .....	39.3	40.1	40.3	7.82	8.45	8.24	307.33	338.85	332.07
<b>New York</b> .....	39.9	39.5	39.9	9.24	9.59	9.65	368.68	378.81	385.04
Albany-Schenectady-Troy .....	40.9	39.9	39.9	9.53	9.59	9.55	389.78	382.64	381.05
Binghamton .....	41.3	39.8	40.7	8.20	8.51	8.68	341.96	338.70	353.28
Buffalo .....	41.7	41.3	42.5	11.53	12.10	12.34	480.80	499.73	524.45
Elmira .....	39.8	40.1	40.0	8.92	9.08	9.21	355.02	364.11	368.40
Glens Falls .....	39.3	39.2	39.8	9.33	9.59	9.44	366.67	375.93	375.71
Monroe County .....	43.2	42.0	42.2	11.96	12.50	12.57	516.67	525.00	530.45
Nassau-Suffolk .....	40.5	40.0	40.4	9.14	9.47	9.54	370.17	378.80	385.42
New York PMSA .....	37.3	37.2	37.4	8.40	8.78	8.80	313.32	326.62	329.12
New York City .....	36.9	36.7	37.1	8.31	8.59	8.61	306.64	315.25	319.43
Niagara Falls .....	41.6	40.6	41.3	11.81	12.27	12.27	491.30	498.16	506.75
Orange County .....	39.6	37.2	37.6	7.15	7.25	7.27	283.14	269.70	273.35
Poughkeepsie .....	43.9	42.0	42.3	8.55	8.69	8.81	375.35	364.98	372.66
Rochester .....	42.6	41.7	42.0	11.02	11.54	11.58	469.45	481.22	486.36
Rockland County .....	40.5	41.1	41.3	9.49	9.22	9.29	384.35	378.94	383.68
Syracuse .....	40.8	40.5	40.8	10.60	10.92	10.99	432.48	442.26	448.39
Utica-Rome .....	41.5	41.2	41.7	8.46	8.59	8.55	351.09	353.91	356.54
Westchester County .....	40.3	39.4	39.2	8.80	10.23	10.16	354.64	403.06	398.27
<b>North Carolina</b> .....	39.3	39.6	40.0	7.06	7.30	7.32	277.46	289.08	292.80
Asheville .....	41.4	41.5	41.8	7.11	7.35	7.39	294.35	305.03	308.90
Charlotte-Gastonia-Rock Hill .....	40.5	39.9	40.3	7.20	7.43	7.45	291.60	296.46	300.24
Greensboro-Winston-Salem-High Point .....	39.0	38.6	38.9	7.76	8.00	8.02	302.64	308.80	311.98
Raleigh-Durham .....	41.3	40.6	40.6	7.99	8.24	8.38	329.99	334.54	340.23
<b>North Dakota</b> .....	39.2	37.9	38.5	7.91	8.08	8.11	310.07	306.23	312.24
Fargo-Moorhead .....	38.5	37.3	38.1	8.34	8.42	8.50	321.09	314.07	323.85
<b>Ohio</b> .....	42.3	41.7	42.2	10.98	11.26	11.35	464.45	469.54	478.97
Akron .....	43.3	42.1	42.3	10.76	10.67	10.82	465.91	449.21	457.69
Canton .....	40.8	39.4	39.9	10.75	10.98	10.96	438.60	432.61	437.30
Cincinnati .....	42.1	40.9	41.6	10.54	10.54	10.64	443.73	431.09	442.62
Cleveland .....	42.0	41.7	41.9	10.92	11.18	11.27	458.64	466.21	472.21
Columbus .....	40.3	40.9	41.7	10.55	10.77	10.89	425.17	440.49	454.11
Dayton-Springfield .....	43.1	42.6	43.3	11.29	11.81	11.97	486.60	503.11	518.30
Toledo .....	43.4	43.1	43.1	11.66	12.33	12.43	506.04	531.42	535.73
Youngstown-Warren .....	43.5	41.5	42.3	12.84	12.90	13.12	558.54	535.35	554.98
<b>Oklahoma</b> .....	41.7	40.8	41.2	9.72	9.72	9.83	405.32	396.58	405.00
Oklahoma City .....	40.9	40.7	41.1	9.92	10.35	10.47	405.73	421.25	430.32
Tulsa .....	40.8	39.5	39.3	10.34	9.95	10.34	421.87	393.03	406.36
<b>Oregon</b> .....	40.2	38.6	38.8	10.33	10.25	10.38	415.27	395.65	402.74
Eugene-Springfield .....	39.6	37.6	39.0	10.66	10.55	10.71	422.14	396.68	417.69
Portland .....	40.6	39.4	38.6	10.41	10.40	10.45	422.65	409.76	403.37
Salem .....	38.6	36.3	37.1	8.03	8.37	7.99	309.96	303.83	296.43

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>
<b>Pennsylvania</b> .....	40.3	39.8	40.0	\$9.35	\$9.53	\$9.57	\$376.81	\$379.29	\$382.80
Allentown-Bethlehem .....	39.1	39.4	39.6	10.00	10.17	10.28	391.00	400.70	407.09
Altoona .....	39.1	39.5	39.8	8.23	8.25	8.18	321.79	325.88	325.56
Beaver County .....	42.1	36.4	37.7	11.38	11.48	11.43	479.10	417.87	430.91
Delaware Valley .....	40.4	40.5	39.8	9.80	10.00	9.97	395.92	405.00	396.81
Erie .....	42.5	41.9	42.3	10.00	10.13	10.21	425.00	424.45	431.88
Harrisburg-Lebanon-Carlisle .....	39.9	39.6	39.7	8.92	9.16	9.21	355.91	362.74	365.64
Johnstown .....	37.0	37.6	38.8	8.34	8.25	8.10	308.58	310.20	314.28
Lancaster .....	40.1	40.1	40.4	8.80	9.26	9.28	352.88	371.33	374.91
Philadelphia PMSA .....	40.7	39.9	39.9	9.77	9.98	9.98	397.64	398.20	398.20
Pittsburgh .....	40.5	40.3	40.5	10.75	10.96	11.02	435.38	441.69	446.31
Reading .....	40.5	39.6	40.6	9.47	9.66	9.75	383.54	382.54	395.85
Scranton-Wilkes-Barre .....	38.1	37.9	38.0	7.90	8.12	8.11	300.99	307.75	308.18
Williamsport .....	39.8	39.9	40.0	8.19	8.72	8.72	325.96	347.93	348.80
York .....	41.6	41.4	40.8	8.75	8.85	8.84	364.00	366.39	360.67
<b>Rhode Island</b> .....	40.8	39.9	40.2	7.28	7.55	7.61	297.02	301.25	305.92
Pawtucket-Woonsocket-Attleboro .....	39.1	40.2	40.8	6.77	7.17	7.19	264.71	288.23	293.35
Providence .....	40.0	39.7	41.3	7.35	7.70	7.74	294.00	305.69	319.66
<b>South Carolina</b> .....	40.8	40.9	41.2	7.36	7.62	7.63	300.29	311.66	314.36
Charleston .....	42.0	45.0	45.1	8.92	9.40	9.40	374.64	423.00	423.94
Columbia .....	40.9	40.6	40.7	7.30	7.61	7.56	298.57	308.97	307.69
Greenville-Spartanburg .....	40.1	41.2	41.3	7.10	7.38	7.40	284.71	304.06	305.62
<b>South Dakota</b> .....	42.9	42.5	40.5	7.21	7.51	7.34	309.31	319.18	297.27
Sioux Falls .....	46.7	47.0	39.0	6.95	7.47	7.15	324.57	351.09	278.85
<b>Tennessee</b> .....	40.9	40.9	41.2	7.99	8.26	8.27	326.79	337.83	340.72
Chattanooga .....	41.0	42.2	41.7	7.34	7.59	7.48	300.94	320.30	311.92
Knoxville .....	40.3	41.4	41.1	8.77	8.75	8.87	352.55	362.25	364.56
Memphis .....	40.5	41.5	43.2	8.28	8.79	8.78	335.34	364.79	379.30
Nashville .....	42.0	40.1	40.4	9.14	9.09	9.17	383.88	364.51	370.47
<b>Texas</b> .....	41.8	41.3	41.5	9.08	9.39	9.46	379.54	387.81	392.59
Dallas .....	41.2	41.4	41.7	8.67	9.22	9.26	357.20	381.71	386.14
Ft. Worth-Arlington .....	41.1	41.2	41.5	8.93	9.58	9.58	367.02	394.70	397.57
Houston .....	43.8	42.2	42.6	10.76	11.09	11.20	471.29	468.00	477.12
San Antonio .....	40.6	40.5	40.3	6.80	7.24	7.28	276.08	293.22	293.38
<b>Utah</b> .....	39.9	40.8	40.9	9.08	9.38	9.43	362.29	382.70	385.69
Salt Lake City-Ogden .....	40.1	39.6	39.9	8.78	9.18	9.25	352.08	363.53	369.08
<b>Vermont</b> .....	41.6	40.8	41.1	8.10	8.41	8.45	336.96	343.13	347.30
Burlington .....	43.5	43.1	43.2	9.06	9.21	9.18	394.11	396.95	396.58
Springfield .....	41.6	40.6	41.0	8.30	8.33	8.48	345.28	338.20	347.68
<b>Virginia</b> .....	40.4	40.0	40.5	8.17	8.62	8.60	330.07	344.80	348.30
Bristol .....	39.8	40.0	40.5	6.94	7.57	7.53	276.21	302.80	304.97
Charlottesville .....	39.1	40.3	41.0	7.02	7.09	7.08	274.48	285.73	290.28
Danville .....	39.0	40.4	41.5	7.29	8.05	7.87	284.31	325.22	326.61
Lynchburg .....	40.3	39.4	40.3	8.03	8.15	8.09	323.61	321.11	326.03
Norfolk-Virginia Beach-Newport News .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Northern Virginia .....	41.2	39.3	40.2	8.73	8.82	9.14	359.68	346.63	367.43
Richmond-Petersburg .....	40.5	40.9	40.1	10.65	11.06	11.15	431.33	452.35	447.12
Roanoke .....	41.6	41.2	41.4	7.44	7.59	7.54	309.50	312.71	312.16
<b>Washington</b> .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>West Virginia</b> .....	40.5	39.4	39.2	\$9.96	\$10.17	\$10.28	\$403.38	\$400.70	\$402.98
Charleston .....	43.1	41.6	41.7	12.18	12.39	12.68	524.96	515.42	528.76
Huntington-Ashland .....	39.2	38.3	38.2	11.07	11.48	11.50	433.94	439.68	439.30
Parkersburg-Marietta .....	41.7	40.7	41.1	11.03	11.70	11.80	459.95	476.19	484.98
Wheeling .....	40.6	40.1	40.5	11.42	11.76	12.25	463.65	471.58	496.13
<b>Wisconsin</b> .....	41.2	40.9	41.1	9.92	10.05	10.12	408.70	411.05	415.93
Appleton-Oshkosh .....	42.7	42.6	43.2	9.73	10.06	10.05	415.47	428.56	434.16
Eau Claire .....	41.2	40.6	40.8	9.92	10.41	10.51	408.70	422.65	428.81
Green Bay .....	41.3	41.1	42.8	10.48	10.93	10.93	432.82	449.22	467.80
Janesville-Beloit .....	40.4	37.7	39.1	11.67	11.59	11.79	471.47	436.94	460.99
Kenosha .....	40.4	39.6	39.8	11.84	12.01	12.09	478.34	475.60	481.18
La Crosse .....	38.8	37.9	39.5	8.82	8.07	8.99	342.22	305.85	355.11
Madison .....	43.5	41.3	41.5	9.06	9.07	9.31	394.11	374.59	386.37
Milwaukee .....	41.3	40.7	40.8	11.29	11.60	11.58	466.28	472.12	472.46
Racine .....	39.5	39.2	39.3	10.81	10.35	10.66	426.99	405.72	418.94
Sheboygan .....	40.1	39.2	39.9	9.65	9.39	9.35	386.96	368.09	373.07
Wausau .....	42.3	41.4	42.3	9.40	9.65	9.74	397.62	399.51	412.00
<b>Wyoming</b> .....	42.6	39.3	40.0	9.07	9.65	9.85	386.38	379.25	394.00
<b>Puerto Rico</b> .....	38.4	37.9	37.7	5.07	5.14	5.13	194.69	194.81	193.40
<b>Virgin Islands</b> .....	43.3	41.9	40.9	8.84	9.29	9.41	382.77	389.25	384.87

<sup>1</sup> Not available.

<sup>p</sup> = 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.

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

Industry	Millions of hours (annual rate) <sup>1</sup>			Percent change		
	Aug. 1985 <sup>r</sup>	Sept. 1985 <sup>r</sup>	Oct. 1985 <sup>p</sup>	Oct. 1984 to Oct. 1985 <sup>p</sup>	Aug. 1985 to Sept. 1985 <sup>r</sup>	Sept. 1985 to Oct. 1985 <sup>p</sup>
Total .....	183,331	184,108	185,421	3.5	0.4	0.7
Private sector .....	150,812	151,187	151,727	3.3	.2	.4
Mining .....	2,178	2,195	2,149	-1.4	.8	-2.1
Construction .....	9,143	9,315	9,329	9.0	1.9	.1
Manufacturing .....	40,751	40,620	40,790	-.5	-.3	.4
Durable goods .....	24,567	24,425	24,556	-1.1	-.6	.5
Nondurable goods .....	16,184	16,194	16,234	.3	.1	.2
Transportation and public utilities .....	10,880	10,970	10,911	2.2	.8	-.5
Wholesale trade .....	11,634	11,684	11,680	3.3	.4	.0
Retail trade .....	26,951	26,812	27,107	3.9	-.5	1.1
Finance, insurance, and real estate .....	11,266	11,371	11,291	3.9	.9	-.7
Services .....	38,012	38,221	38,469	6.1	.6	.7
Government .....	32,519	32,921	33,694	4.6	1.2	2.3

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

<sup>p</sup> = preliminary.

<sup>r</sup> = 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	1983				1984				1985		
			I	II	III	IV	I	II	III	IV	I	II <sup>P</sup>	III <sup>P</sup>
<b>Business sector</b>													
Output per hour of all persons .....	103.7	107.0	102.2	103.6	104.3	104.7	105.7	107.0	107.2	108.0	106.9	107.3	108.1
Output .....	111.0	120.8	106.9	110.1	112.5	114.7	117.8	121.0	121.5	123.0	123.0	123.8	124.9
Hours .....	107.1	112.9	104.7	106.2	107.9	109.5	111.4	113.0	113.4	113.9	115.0	115.4	115.5
Compensation per hour .....	161.7	168.6	160.2	161.0	161.8	164.2	166.7	167.5	169.3	171.1	173.1	174.5	176.9
Real compensation per hour .....	98.4	98.4	99.0	98.5	97.9	98.4	98.6	98.2	98.3	98.5	98.9	98.6	99.4
Unit labor costs .....	156.0	157.6	156.8	155.4	155.1	156.8	157.7	156.5	158.0	158.4	161.9	162.6	163.6
Unit nonlabor payments .....	145.5	157.0	139.8	144.6	147.9	149.1	151.6	157.2	158.5	160.2	159.1	159.9	161.2
Implicit price deflator .....	152.4	157.4	151.0	151.7	152.7	154.2	155.6	156.7	158.1	159.0	160.9	161.7	162.8
<b>Nonfarm business sector</b>													
Output per hour of all persons .....	103.4	106.2	101.6	103.6	104.1	104.4	105.2	106.6	106.3	106.9	106.0	106.3	106.7
Output .....	111.2	120.7	106.7	110.4	112.7	115.2	118.0	121.0	121.3	122.7	122.8	123.6	124.5
Hours .....	107.5	113.6	105.1	106.5	108.2	110.3	112.3	113.6	114.1	114.8	115.8	116.2	116.8
Compensation per hour .....	162.0	168.7	160.1	161.5	162.4	164.0	166.5	168.0	169.5	171.0	173.1	174.6	176.2
Real compensation per hour .....	98.6	98.4	99.0	98.8	98.3	98.3	98.4	98.4	98.4	98.5	98.9	98.7	99.0
Unit labor costs .....	156.6	158.8	157.6	155.9	155.9	157.1	158.3	157.6	159.5	160.0	163.3	164.1	165.2
Unit nonlabor payments .....	147.0	156.9	140.6	146.4	149.4	151.4	152.2	156.8	158.0	160.3	160.3	161.8	163.7
Implicit price deflator .....	153.4	158.2	151.9	152.7	153.8	155.2	156.3	157.3	159.0	160.1	162.3	163.4	164.7
<b>Manufacturing</b>													
Output per hour of all persons .....	111.6	115.6	110.0	110.9	113.0	112.7	114.2	114.8	116.7	116.5	116.7	118.6	119.3
Output .....	104.4	115.3	99.2	102.4	106.8	109.2	113.0	114.9	116.7	116.7	117.0	117.6	118.2
Hours .....	93.5	99.8	90.2	92.4	94.6	96.9	98.9	100.1	100.0	100.2	100.3	99.1	99.1
Compensation per hour .....	163.4	169.4	162.7	163.0	163.5	164.6	167.1	168.3	169.9	172.1	174.4	176.5	177.8
Real compensation per hour .....	99.4	98.8	100.6	99.6	98.9	98.6	98.8	98.6	98.7	99.1	99.6	99.7	99.9
Unit labor costs .....	146.4	146.5	147.9	147.0	144.7	146.1	146.3	146.6	145.5	147.7	149.5	148.8	149.0
<b>Durable goods</b>													
Output per hour of all persons .....	111.5	116.9	109.3	110.5	113.0	113.0	115.3	116.1	118.3	117.7	118.2	120.0	120.8
Output .....	102.6	117.4	96.3	99.9	105.3	108.9	114.1	116.6	119.4	119.5	119.8	120.1	120.6
Hours .....	92.0	100.4	88.1	90.4	93.2	96.4	98.9	100.4	101.0	101.5	101.4	100.1	99.8
Compensation per hour .....	162.5	167.7	162.2	162.2	162.5	163.4	165.8	167.0	168.1	170.1	172.9	175.0	176.7
Real compensation per hour .....	98.9	97.9	100.2	99.2	98.4	97.9	98.1	97.8	97.6	97.9	98.7	98.9	99.3
Unit labor costs .....	145.8	143.5	148.4	146.8	143.8	144.5	143.8	143.8	142.1	144.4	146.3	145.8	146.3
<b>Nondurable goods</b>													
Output per hour of all persons .....	111.9	113.6	111.1	111.4	112.9	112.2	112.5	112.9	114.4	114.7	114.3	116.5	117.0
Output .....	107.1	112.3	103.6	106.1	109.1	109.5	111.4	112.3	112.8	112.7	112.8	113.9	114.7
Hours .....	95.7	98.9	93.3	95.3	96.6	97.6	99.0	99.5	98.6	98.2	98.7	97.8	98.0
Compensation per hour .....	165.6	171.9	164.5	165.1	165.7	167.1	169.5	170.6	172.7	175.1	176.6	178.6	179.3
Real compensation per hour .....	100.7	100.3	101.7	101.0	100.3	100.1	100.2	100.0	100.3	100.8	100.8	101.0	100.7
Unit labor costs .....	148.0	151.4	148.1	148.2	146.8	149.0	150.6	151.2	151.1	152.7	154.5	153.4	153.2
<b>Nonfinancial corporations</b>													
Output per all-employee hour .....	106.1	108.5	104.0	105.8	107.2	107.2	108.1	108.9	108.2	108.8	108.1	108.1	( <sup>1</sup> )
Output .....	112.6	122.8	107.5	111.4	114.7	117.0	120.2	123.1	123.1	124.7	124.9	125.5	( <sup>1</sup> )
Hours .....	106.2	113.2	103.4	105.2	106.9	109.2	111.2	113.1	113.8	114.6	115.5	116.1	( <sup>1</sup> )
Compensation per hour .....	161.0	166.6	159.2	160.6	161.8	162.6	164.8	165.8	167.1	168.7	170.3	171.6	( <sup>1</sup> )
Real compensation per hour .....	97.9	97.2	98.4	98.2	97.9	97.4	97.5	97.2	97.1	97.1	97.3	97.0	( <sup>1</sup> )
Total unit costs .....	155.2	156.4	156.7	155.2	154.4	154.7	155.0	155.0	157.5	158.0	160.2	161.6	( <sup>1</sup> )
Unit labor costs .....	151.8	153.6	153.1	151.7	150.9	151.7	152.5	152.3	154.5	155.0	157.5	158.8	( <sup>1</sup> )
Unit nonlabor costs .....	164.9	164.3	167.0	165.1	164.4	163.3	162.0	162.8	165.9	166.4	168.1	169.8	( <sup>1</sup> )
Unit profits .....	117.2	147.6	92.5	111.8	126.6	135.9	143.2	151.1	145.3	150.7	150.4	148.9	( <sup>1</sup> )
Implicit price deflator .....	150.9	155.4	149.4	150.2	151.2	152.6	153.6	154.6	156.1	157.1	159.1	160.2	( <sup>1</sup> )

<sup>1</sup> Not available.  
<sup>P</sup> =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					
	II 1984	III 1984	IV 1984	I 1985	II 1985 <sup>*</sup>	III 1985 <sup>p</sup>	II 1984	III 1984	IV 1984	I 1985	II 1985 <sup>*</sup>	III 1985 <sup>p</sup>
<b>Business sector</b>												
Output per hour of all persons .....	4.9	0.6	3.1	-3.9	1.5	3.0	3.3	2.7	3.2	1.1	0.3	0.9
Output .....	11.2	1.8	5.0	.0	2.7	3.3	9.9	8.0	7.3	4.4	2.4	2.7
Hours .....	6.0	1.2	1.8	4.1	1.2	.3	6.4	5.1	4.0	3.2	2.1	1.8
Compensation per hour .....	1.9	4.4	4.4	4.8	3.3	5.6	4.0	4.6	4.2	3.8	4.2	4.5
Real compensation per hour .....	-1.8	.7	.8	1.4	-9	3.1	-3	.4	.1	.3	.5	1.1
Unit labor costs .....	-2.9	3.7	1.2	9.1	1.7	2.6	.7	1.9	1.0	2.7	3.9	3.6
Unit nonlabor payments .....	15.4	3.4	4.3	-2.6	2.1	3.2	8.7	7.1	7.4	4.9	1.8	1.7
Implicit price deflator .....	2.9	3.6	2.2	5.0	1.8	2.8	3.3	3.6	3.1	3.4	3.2	2.9
<b>Nonfarm business sector</b>												
Output per hour of all persons .....	5.5	-1.1	2.2	-3.1	1.2	1.2	2.9	2.1	2.4	.8	-2	.4
Output .....	10.6	.7	4.7	.5	2.5	3.2	9.7	7.6	6.5	4.0	2.1	2.7
Hours .....	4.8	1.8	2.4	3.7	1.3	2.0	6.6	5.4	4.0	3.2	2.3	2.3
Compensation per hour .....	3.7	3.6	3.7	5.0	3.4	3.9	4.0	4.4	4.3	4.0	3.9	4.0
Real compensation per hour .....	.0	-.1	.1	1.7	-.8	1.4	-.3	.2	.2	.4	.2	.6
Unit labor costs .....	-1.7	4.7	1.4	8.4	2.1	2.7	1.1	2.3	1.9	3.1	4.1	3.6
Unit nonlabor payments .....	12.5	3.1	5.9	.1	3.7	4.9	7.1	5.7	5.9	5.3	3.2	3.6
Implicit price deflator .....	2.8	4.2	2.9	5.5	2.7	3.4	3.0	3.4	3.2	3.8	3.8	3.6
<b>Manufacturing</b>												
Output per hour of all persons .....	2.2	6.8	-.6	.4	6.8	2.4	3.6	3.3	3.4	2.1	3.3	2.2
Output .....	6.9	6.5	.0	.9	2.0	2.3	12.2	9.3	7.0	3.5	2.3	1.3
Hours .....	4.6	-.2	.7	.4	-4.5	-.1	8.3	5.8	3.4	1.4	-.9	-.9
Compensation per hour .....	2.9	3.7	5.2	5.6	4.8	2.9	3.3	3.9	4.5	4.4	4.8	4.6
Real compensation per hour .....	-.8	.1	1.6	2.2	.6	.5	-1.0	-.3	.4	.8	1.1	1.2
Unit labor costs .....	.7	-2.8	5.9	5.1	-1.9	.5	-.3	.6	1.0	2.2	1.5	2.4
<b>Durable goods</b>												
Output per hour of all persons .....	2.8	7.6	-1.8	1.5	6.2	2.7	5.1	4.6	4.2	2.5	3.3	2.1
Output .....	9.2	9.9	.3	1.2	.7	1.8	16.7	13.4	9.7	5.0	2.9	1.0
Hours .....	6.2	2.1	2.1	-.4	-5.2	-.9	11.1	8.4	5.3	2.5	-.4	-1.1
Compensation per hour .....	2.8	2.6	4.9	6.9	4.9	3.9	2.9	3.4	4.1	4.3	4.8	5.1
Real compensation per hour .....	-.9	-1.0	1.3	3.5	.7	1.5	-1.4	-.8	.0	.7	1.1	1.7
Unit labor costs .....	.0	-4.6	6.8	5.3	-1.3	1.2	-2.0	-1.2	-.1	1.8	1.4	2.9
<b>Nondurable goods</b>												
Output per hour of all persons .....	1.2	5.4	1.1	-1.3	7.8	2.0	1.3	1.3	2.2	1.6	3.2	2.3
Output .....	3.6	1.5	-.4	.4	3.9	3.0	5.9	3.4	2.9	1.3	1.4	1.7
Hours .....	2.4	-3.7	-1.5	1.7	-3.6	1.0	4.5	2.1	.7	-.3	-1.8	-.6
Compensation per hour .....	2.7	5.1	5.5	3.5	4.8	1.4	3.3	4.3	4.8	4.2	4.7	3.8
Real compensation per hour .....	-1.0	1.4	1.9	.2	.6	-1.0	-1.0	.1	.7	.6	1.0	.4
Unit labor costs .....	1.5	-.3	4.3	4.9	-2.8	-.6	2.0	2.9	2.5	2.6	1.5	1.4
<b>Nonfinancial corporations</b>												
Output per all-employee hour .....	2.8	-2.5	2.5	-2.5	-.3	( <sup>1</sup> )	2.9	.9	1.6	.0	-.7	( <sup>1</sup> )
Output .....	9.8	.2	5.2	.6	1.9	( <sup>1</sup> )	10.5	7.4	6.6	3.9	2.0	( <sup>1</sup> )
Hours .....	6.8	2.8	2.6	3.3	2.2	( <sup>1</sup> )	7.5	6.4	5.0	3.9	2.7	( <sup>1</sup> )
Compensation per hour .....	2.4	3.2	3.7	3.9	3.0	( <sup>1</sup> )	3.3	3.3	3.8	3.3	3.5	( <sup>1</sup> )
Real compensation per hour .....	-1.3	-.4	.2	.6	-1.2	( <sup>1</sup> )	-1.0	-.9	-.3	-.2	-.2	( <sup>1</sup> )
Total unit costs .....	.2	6.5	1.2	5.9	3.5	( <sup>1</sup> )	-.1	2.0	2.1	3.4	4.3	( <sup>1</sup> )
Unit labor costs .....	-.4	5.9	1.2	6.6	3.3	( <sup>1</sup> )	.4	2.4	2.2	3.3	4.2	( <sup>1</sup> )
Unit nonlabor costs .....	2.0	8.0	1.1	4.0	4.3	( <sup>1</sup> )	-1.4	.9	1.9	3.8	4.3	( <sup>1</sup> )
Unit profits .....	23.8	-14.5	16.0	-1.0	-3.9	( <sup>1</sup> )	35.2	14.7	10.9	5.0	-1.5	( <sup>1</sup> )
Implicit price deflator .....	2.6	3.9	2.7	5.1	2.7	( <sup>1</sup> )	2.9	3.2	3.0	3.6	3.6	( <sup>1</sup> )

<sup>\*</sup> Not available.

<sup>p</sup> =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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>
<b>Alabama</b> .....	1,808.3	1,791.7	1,790.0	197.9	149.0	144.1	10.9	8.3	8.1
Birmingham .....	404.6	401.4	402.3	39.6	28.1	27.3	9.8	7.0	6.8
Huntsville .....	119.6	124.1	123.9	7.5	7.0	6.5	6.3	5.6	5.3
Mobile .....	201.9	199.2	197.5	25.0	17.0	17.2	12.4	8.5	8.7
Montgomery .....	133.7	134.8	133.3	10.9	8.9	8.6	8.2	6.6	6.5
Tuscaloosa .....	58.4	58.6	59.5	5.1	3.8	3.5	8.7	6.5	5.9
<b>Alaska</b> .....	253.9	259.3	252.5	20.0	22.4	20.7	7.9	8.6	8.2
<b>Arizona</b> .....	1,435.0	1,425.8	1,452.8	62.5	94.7	93.4	4.4	6.6	6.4
Phoenix .....	909.3	903.3	919.4	30.3	46.0	46.7	3.3	5.1	5.1
Tucson .....	259.7	257.2	264.2	10.4	13.3	13.8	4.0	5.2	5.2
<b>Arkansas</b> .....	1,064.3	1,087.4	1,097.5	84.1	92.0	92.1	7.9	8.5	8.4
Fayetteville-Springdale .....	50.4	51.2	51.7	2.2	2.4	2.4	4.4	4.7	4.7
Fort Smith .....	83.1	85.7	85.4	5.7	5.9	6.1	6.9	6.9	7.1
Little Rock-North Little Rock .....	235.4	240.6	242.3	15.8	16.7	16.4	6.7	7.0	6.8
Pine Bluff .....	38.8	39.8	40.4	3.4	3.4	3.7	8.7	8.6	9.1
<b>California<sup>1</sup></b> .....	12,584.9	12,801.7	12,690.6	947.9	933.1	892.0	7.5	7.3	7.0
Anaheim-Santa Ana .....	1,274.2	1,320.3	1,291.3	57.0	57.7	56.9	4.5	4.4	4.4
Bakersfield .....	217.3	223.3	218.3	26.1	23.7	24.6	12.0	10.6	11.3
Fresno .....	336.8	313.0	323.9	31.9	33.3	31.6	9.5	10.6	9.7
Los Angeles-Long Beach <sup>1</sup> .....	3,861.0	3,898.0	3,925.0	310.0	278.0	262.0	8.0	7.1	6.7
Modesto .....	139.9	144.0	140.4	16.9	18.2	17.2	12.1	12.7	12.3
Oakland .....	907.3	940.6	926.8	62.6	64.6	62.2	6.9	6.9	6.7
Oxnard-Ventura .....	269.6	277.4	274.4	24.3	25.9	24.2	9.0	9.3	8.8
Riverside-San Bernardino .....	659.4	677.3	664.2	61.4	60.4	56.7	9.3	8.9	8.5
Sacramento .....	570.7	589.4	577.8	43.3	40.7	39.6	7.6	6.9	6.8
Salinas-Seaside-Monterey .....	148.5	154.2	148.9	11.9	13.3	12.5	8.0	8.6	8.4
San Diego .....	873.0	907.4	893.1	55.3	53.5	50.3	6.3	5.9	5.6
San Francisco .....	842.1	852.9	833.9	45.0	45.6	42.6	5.3	5.4	5.1
San Jose .....	870.8	893.0	869.8	41.8	53.4	52.7	4.8	6.0	6.1
Santa Barbara-Santa Maria-Lompoc .....	165.9	168.4	163.7	9.5	10.1	9.1	5.7	6.0	5.6
Santa Rosa-Petaluma .....	158.7	158.0	157.0	9.7	10.4	9.7	6.1	6.6	6.2
Stockton .....	190.5	186.3	189.0	18.9	20.5	20.0	9.9	11.0	10.6
Vallejo-Fairfield-Napa .....	144.5	146.6	145.4	11.2	11.3	11.1	7.8	7.7	7.6
<b>Colorado</b> .....	1,710.8	1,729.8	1,731.2	81.6	93.6	87.4	4.8	5.4	5.0
Denver-Boulder LMA .....	1,027.8	1,036.4	1,041.3	42.9	49.3	47.3	4.2	4.8	4.5
<b>Connecticut</b> .....	1,687.0	1,726.2	1,709.7	67.9	88.8	79.0	4.0	5.1	4.6
Bridgeport-Milford .....	221.9	220.4	219.5	10.3	14.0	12.5	4.6	6.4	5.7
Hartford .....	407.7	419.5	416.3	15.3	19.6	17.3	3.8	4.7	4.1
New Britain .....	71.5	72.3	72.0	3.3	4.6	3.7	4.7	6.3	5.1
New Haven-Meriden .....	251.4	258.1	255.7	10.8	13.9	11.7	4.3	5.4	4.6
Stamford .....	129.5	134.5	132.9	3.4	4.6	4.4	2.6	3.4	3.3
Waterbury .....	101.7	104.7	103.1	4.6	6.9	6.5	4.5	6.6	6.3
<b>Delaware</b> .....	312.0	322.8	315.3	15.6	21.4	13.7	5.0	6.6	4.4
Wilmington .....	271.5	277.2	273.2	14.5	19.9	12.3	5.3	7.2	4.5
<b>District of Columbia</b> .....	318.1	340.2	319.6	28.0	30.8	29.2	8.8	9.0	9.1
Washington .....	1,961.9	2,057.7	2,033.1	77.1	82.6	82.1	3.9	4.0	4.0
<b>Florida<sup>1</sup></b> .....	5,197.5	5,341.2	5,301.0	319.9	311.5	342.2	6.2	5.8	6.5
Daytona Beach .....	127.4	132.9	132.1	6.3	5.6	6.9	4.9	4.2	5.2
Fort Lauderdale-Hollywood-Pompano Beach .....	544.6	559.3	550.6	25.9	25.6	27.4	4.8	4.6	5.0
Fort Myers-Cape Coral .....	115.3	122.0	121.3	5.4	5.2	5.6	4.7	4.3	4.6
Gainesville .....	96.0	94.3	93.1	3.4	2.9	3.4	3.5	3.0	3.6
Jacksonville .....	386.5	406.8	402.9	19.4	21.0	22.4	5.0	5.2	5.6
Lakeland-Winter Haven .....	154.0	156.9	155.4	20.8	21.9	23.0	13.5	13.9	14.8
Melbourne-Titusville-Palm Bay .....	143.7	147.9	145.2	6.6	7.0	7.7	4.6	4.7	5.3
Miami-Hialeah .....	870.1	882.2	891.1	66.8	62.1	68.4	7.7	7.0	7.7
Orlando .....	468.4	484.2	476.3	23.8	21.8	25.5	5.1	4.5	5.4
Pensacola .....	143.2	143.5	142.8	8.2	7.6	8.1	5.8	5.3	5.7
Sarasota .....	95.4	93.9	92.9	4.1	3.6	4.4	4.3	3.8	4.8
Tallahassee .....	110.5	111.6	110.5	4.4	4.0	4.6	4.0	3.6	4.2
Tampa-St. Petersburg-Clearwater .....	850.0	878.6	867.9	39.4	39.9	44.9	4.6	4.5	5.2
West Palm Beach-Boca Raton-Delray Beach .....	329.8	344.0	341.1	22.9	24.7	25.0	6.9	7.2	7.3

See footnotes at end of table.

STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>
<b>Georgia</b> .....	2,809.8	2,879.3	2,860.0	162.1	200.9	196.4	5.8	7.0	6.9
Albany .....	54.9	53.7	53.1	4.4	5.4	5.3	8.1	10.0	10.1
Athens .....	65.3	65.9	64.6	3.4	4.2	4.1	5.2	6.3	6.4
Atlanta .....	1,243.1	1,284.3	1,278.4	57.1	71.0	71.0	4.6	5.5	5.6
Augusta .....	141.0	146.5	144.9	10.3	10.9	11.6	7.3	7.5	8.0
Columbus .....	92.8	92.3	91.1	6.6	9.0	7.9	7.1	9.7	8.7
Macon-Warner Robins .....	114.4	113.3	114.2	7.6	9.5	9.9	6.7	8.4	8.6
Savannah .....	97.7	96.4	96.7	6.9	8.1	7.9	7.1	8.4	8.2
<b>Hawaii</b> .....	464.1	482.3	469.0	27.4	27.2	25.8	5.9	5.6	5.5
Honolulu .....	352.3	365.5	355.5	19.8	18.6	17.6	5.6	5.1	4.9
<b>Idaho</b> .....	473.0	489.9	481.9	27.1	33.3	28.0	5.7	6.8	5.8
Boise City .....	100.5	105.2	103.0	4.4	5.1	4.6	4.3	4.8	4.4
<b>Illinois</b> <sup>1</sup> .....	5,571.4	5,694.6	5,647.8	467.4	499.5	500.7	8.4	8.8	8.9
Aurora-Elgin .....	164.1	164.5	161.2	11.3	11.9	12.0	6.9	7.2	7.4
Bloomington-Normal .....	61.1	60.6	61.3	3.5	3.4	3.2	5.7	5.6	5.3
Champaign-Urbana-Rantoul .....	79.8	77.2	80.5	4.2	4.0	3.9	5.3	5.2	4.8
Chicago .....	3,047.7	3,138.2	3,110.4	244.5	257.6	260.8	8.0	8.2	8.4
Davenport-Rock Island-Moline .....	173.5	173.0	170.3	19.3	18.9	17.3	11.1	10.9	10.2
Decatur .....	58.8	60.1	59.5	5.7	6.4	6.4	9.6	10.7	10.8
Joliet .....	180.8	184.5	186.5	13.7	14.8	14.8	7.6	8.0	7.9
Kankakee .....	42.0	42.7	42.6	4.5	4.8	4.8	10.8	11.1	11.2
Lake County .....	234.4	246.0	245.5	12.4	13.8	14.1	5.3	5.6	5.7
Peoria .....	155.7	153.9	153.1	15.0	16.5	16.2	9.7	10.7	10.6
Rockford .....	134.7	139.8	139.7	11.9	13.0	14.0	8.9	9.3	10.0
Springfield .....	100.7	107.3	101.3	6.4	6.4	6.5	6.3	6.0	6.4
<b>Indiana</b> .....	2,663.1	2,807.6	2,807.8	209.5	195.3	186.5	7.9	7.0	6.6
Anderson .....	57.0	58.6	59.1	4.1	4.2	3.8	7.2	7.2	6.4
Eikhart-Goshen .....	86.3	91.3	90.8	5.6	5.2	5.2	6.4	5.7	5.7
Evansville .....	137.3	143.8	143.4	10.9	9.5	9.3	7.9	6.6	6.5
Fort Wayne .....	175.9	187.9	187.3	11.0	10.1	9.9	6.3	5.4	5.3
Gary-Hammond .....	270.7	271.9	268.4	42.0	29.6	27.9	15.5	10.9	10.4
Indianapolis .....	622.5	667.4	666.4	38.1	35.5	35.9	6.1	5.3	5.4
Lafayette .....	65.8	64.7	69.5	2.8	2.6	2.6	4.2	4.1	3.7
Muncie .....	54.8	55.9	57.8	4.5	4.2	4.5	8.2	7.5	7.8
South Bend-Mishawaka .....	126.5	133.1	135.4	8.2	8.0	8.1	6.5	6.0	6.0
Terre Haute .....	63.5	65.8	67.0	4.9	4.4	4.1	7.7	6.8	6.1
<b>Iowa</b> .....	1,419.1	1,418.4	1,406.4	84.3	98.9	94.2	5.9	7.0	6.7
Cedar Rapids .....	82.9	82.5	83.3	5.6	5.6	5.6	6.7	6.8	6.7
Des Moines .....	194.5	198.8	196.3	9.5	11.8	11.5	4.9	5.9	5.8
Dubuque .....	42.3	42.3	42.3	3.1	3.6	3.2	7.4	8.5	7.5
Iowa City .....	51.6	48.4	51.0	1.4	1.3	1.3	2.8	2.7	2.6
Sioux City .....	53.9	55.0	54.3	3.3	4.1	4.0	6.0	7.5	7.4
Waterloo-Cedar Falls .....	71.9	67.8	69.9	7.3	8.4	10.0	10.1	12.4	14.3
<b>Kansas</b> .....	1,206.1	1,271.0	1,263.8	56.9	58.4	55.5	4.7	4.6	4.4
Lawrence .....	35.0	36.3	38.1	1.2	1.3	1.1	3.5	3.5	3.0
Topeka .....	83.6	89.2	87.9	4.4	4.1	4.1	5.3	4.6	4.7
Wichita .....	225.6	241.3	237.5	12.6	12.9	12.0	5.6	5.4	5.1
<b>Kentucky</b> .....	1,727.2	1,722.3	1,719.6	137.5	149.6	153.3	8.0	8.7	8.9
Lexington-Fayette .....	196.9	192.5	191.6	7.9	9.2	8.9	4.0	4.8	4.6
Louisville .....	463.6	467.4	461.8	35.1	36.3	35.2	7.6	7.8	7.6
Owensboro .....	46.8	43.8	43.6	4.4	4.2	4.1	9.4	9.5	9.4
<b>Louisiana</b> .....	1,964.5	2,006.2	2,015.9	182.1	225.9	216.2	9.3	11.3	10.7
Alexandria .....	63.3	65.1	65.1	4.6	6.1	5.4	7.2	9.3	8.3
Baton Rouge .....	255.2	262.9	265.8	20.7	27.0	26.2	8.1	10.3	9.9
Houma-Thibodaux .....	85.0	85.2	86.0	7.6	9.1	9.0	9.0	10.7	10.5
Lafayette .....	112.1	113.1	112.6	8.2	9.9	9.7	7.4	8.7	8.6
Lake Charles .....	75.7	75.8	75.3	9.8	10.4	9.9	12.9	13.8	13.2
Monroe .....	62.2	63.5	65.1	5.4	6.0	5.8	8.6	9.4	8.9
New Orleans .....	580.4	587.4	580.4	53.1	67.1	63.1	9.1	11.4	10.9
Shreveport .....	162.8	164.8	167.2	11.4	14.3	15.5	7.0	8.7	9.3
<b>Maine</b> .....	578.8	577.7	566.0	28.0	23.2	21.8	4.8	4.0	3.8
Lewiston-Auburn .....	42.4	42.2	41.5	2.7	2.2	2.1	6.4	5.3	5.0
Portland .....	104.7	107.7	104.1	3.4	2.6	2.6	3.2	2.5	2.5
<b>Maryland</b> .....	2,241.8	2,291.5	2,277.5	109.6	97.4	97.2	4.9	4.3	4.3
Baltimore .....	1,091.7	1,103.8	1,097.0	64.6	55.5	56.5	5.9	5.0	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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>P</sup>
<b>Massachusetts<sup>1</sup></b> .....	3,055.0	3,118.9	3,066.3	137.8	114.8	120.7	4.5	3.7	3.9
Boston .....	1,492.2	1,538.4	1,518.3	61.1	51.2	53.4	4.1	3.3	3.5
Brockton .....	88.9	91.6	90.0	4.7	3.9	4.0	5.3	4.3	4.5
Fall River .....	73.0	72.2	70.8	4.7	4.0	4.4	6.4	5.5	6.2
Fitchburg-Leominster .....	44.0	43.3	43.3	2.4	2.0	2.1	5.4	4.6	4.8
Lawrence-Haverhill .....	189.1	198.2	195.6	10.3	8.8	8.6	5.4	4.4	4.4
Lowell .....	153.4	155.0	153.0	5.6	6.0	6.2	3.7	3.9	4.0
New Bedford .....	82.8	81.4	79.8	5.7	4.7	5.1	6.8	5.8	6.4
Pittsfield .....	48.4	49.2	47.6	2.1	1.5	1.6	4.4	3.0	3.3
Springfield .....	269.7	270.1	267.1	12.3	9.8	10.6	4.6	3.6	4.0
Worcester .....	202.0	202.8	200.4	8.7	7.3	7.7	4.3	3.6	3.8
<b>Michigan<sup>1</sup></b> .....	4,361.8	4,413.4	4,345.2	429.4	427.7	425.2	9.8	9.7	9.8
Ann Arbor .....	154.0	( <sup>2</sup> )	( <sup>2</sup> )	10.8	( <sup>2</sup> )	( <sup>2</sup> )	7.0	( <sup>2</sup> )	( <sup>2</sup> )
Battle Creek .....	63.0	( <sup>2</sup> )	( <sup>2</sup> )	5.9	( <sup>2</sup> )	( <sup>2</sup> )	9.4	( <sup>2</sup> )	( <sup>2</sup> )
Benton Harbor .....	70.4	( <sup>2</sup> )	( <sup>2</sup> )	7.8	( <sup>2</sup> )	( <sup>2</sup> )	11.1	( <sup>2</sup> )	( <sup>2</sup> )
Detroit .....	2,067.6	( <sup>2</sup> )	( <sup>2</sup> )	206.1	( <sup>2</sup> )	( <sup>2</sup> )	10.0	( <sup>2</sup> )	( <sup>2</sup> )
Flint .....	194.1	( <sup>2</sup> )	( <sup>2</sup> )	21.6	( <sup>2</sup> )	( <sup>2</sup> )	11.1	( <sup>2</sup> )	( <sup>2</sup> )
Grand Rapids .....	341.7	( <sup>2</sup> )	( <sup>2</sup> )	26.2	( <sup>2</sup> )	( <sup>2</sup> )	7.7	( <sup>2</sup> )	( <sup>2</sup> )
Jackson .....	64.4	( <sup>2</sup> )	( <sup>2</sup> )	7.5	( <sup>2</sup> )	( <sup>2</sup> )	11.6	( <sup>2</sup> )	( <sup>2</sup> )
Kalamazoo .....	112.2	( <sup>2</sup> )	( <sup>2</sup> )	7.4	( <sup>2</sup> )	( <sup>2</sup> )	6.6	( <sup>2</sup> )	( <sup>2</sup> )
Lansing-East Lansing .....	218.3	( <sup>2</sup> )	( <sup>2</sup> )	17.0	( <sup>2</sup> )	( <sup>2</sup> )	7.8	( <sup>2</sup> )	( <sup>2</sup> )
Muskegon .....	67.0	( <sup>2</sup> )	( <sup>2</sup> )	6.3	( <sup>2</sup> )	( <sup>2</sup> )	9.4	( <sup>2</sup> )	( <sup>2</sup> )
Saginaw-Bay City-Midland .....	188.0	( <sup>2</sup> )	( <sup>2</sup> )	25.3	( <sup>2</sup> )	( <sup>2</sup> )	13.5	( <sup>2</sup> )	( <sup>2</sup> )
<b>Minnesota</b> .....	2,256.3	2,237.7	2,230.1	112.5	114.6	114.9	5.0	5.1	5.2
Duluth .....	109.3	100.3	101.0	12.2	9.1	9.1	11.2	9.1	9.0
Minneapolis-St. Paul .....	1,270.2	1,262.5	1,265.5	51.0	54.2	56.3	4.0	4.3	4.4
Rochester .....	59.7	62.5	62.6	2.2	2.3	2.3	3.6	3.7	3.7
St. Cloud .....	80.2	79.8	80.1	5.2	5.0	4.8	6.5	6.3	6.1
<b>Mississippi</b> .....	1,089.8	1,133.6	1,150.2	109.4	118.2	112.8	10.0	10.4	9.8
Jackson .....	178.0	190.8	191.3	11.8	13.6	13.1	6.6	7.1	6.9
<b>Missouri</b> .....	2,396.4	2,500.8	2,507.4	147.0	157.6	142.3	6.1	6.3	5.7
Kansas City .....	737.5	774.1	763.4	35.4	37.3	32.2	4.8	4.8	4.2
St. Joseph .....	42.6	42.3	41.6	3.4	3.0	2.8	8.0	7.0	6.6
St. Louis .....	1,168.6	1,207.5	1,196.8	85.8	92.2	82.3	7.3	7.6	6.9
Springfield .....	118.9	120.3	121.4	5.7	5.6	5.4	4.8	4.7	4.5
<b>Montana</b> .....	410.4	418.0	402.3	23.7	27.5	25.3	5.8	6.6	6.3
<b>Nebraska</b> .....	798.1	817.7	808.0	27.7	40.1	37.5	3.5	4.9	4.6
Lincoln .....	113.0	113.3	114.7	2.8	3.6	3.5	2.4	3.2	3.1
Omaha .....	302.4	308.0	307.7	12.9	17.1	16.4	4.3	5.6	5.3
<b>Nevada</b> .....	501.8	508.8	505.7	37.0	39.3	38.0	7.4	7.7	7.5
Las Vegas .....	280.6	283.8	283.3	24.3	24.8	24.2	8.7	8.7	8.5
Reno .....	136.3	137.7	137.3	6.8	7.9	7.6	5.0	5.8	5.5
<b>New Hampshire</b> .....	531.5	550.6	541.6	17.6	18.5	15.0	3.3	3.4	2.8
Manchester .....	87.4	88.2	87.0	2.2	2.3	1.9	2.5	2.6	2.2
Nashua .....	95.0	96.4	95.5	2.4	3.3	2.8	2.5	3.5	3.0
<b>New Jersey<sup>1</sup></b> .....	3,780.5	3,880.6	3,837.3	220.2	171.5	183.4	5.8	4.4	4.8
Atlantic City .....	185.3	202.4	190.6	12.5	8.9	9.8	6.7	4.4	5.2
Bergen-Passaic .....	723.8	731.5	731.4	38.1	30.0	32.3	5.3	4.1	4.4
Jersey City .....	243.2	238.9	239.6	25.1	18.4	19.7	10.3	7.7	8.2
Middlesex-Somerset-Hunterdon .....	539.0	554.1	554.0	24.8	18.6	20.0	4.6	3.4	3.6
Monmouth-Ocean .....	413.9	459.3	443.1	20.3	15.5	17.0	4.9	3.4	3.8
Newark .....	922.4	936.0	926.3	57.6	45.7	50.7	6.2	4.9	5.5
Trenton .....	164.5	164.9	165.2	8.3	6.6	6.4	5.0	4.0	3.9
Vineland-Millville-Bridgeton .....	56.1	54.5	53.5	6.5	4.0	4.2	11.5	7.3	7.9
<b>New Mexico</b> .....	642.1	643.2	650.7	45.1	58.1	56.9	7.0	9.0	8.7
Albuquerque .....	240.3	243.3	248.1	14.3	16.8	16.6	5.9	6.9	6.7
Las Cruces .....	43.4	42.8	44.8	3.2	4.4	4.2	7.3	10.2	9.3

See footnotes at end of table.

STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>a</sup>
<b>New York<sup>1</sup></b> .....	8,017.1	8,507.2	8,419.6	536.2	518.8	535.1	6.7	6.1	6.4
Albany-Schenectady-Troy .....	399.0	420.6	418.2	20.6	19.3	20.5	5.2	4.6	4.9
Binghamton .....	126.9	132.1	131.4	6.2	8.3	8.1	4.9	6.3	6.2
Buffalo .....	434.5	448.5	444.6	33.9	29.9	30.1	7.8	6.7	6.8
Elmira .....	36.4	37.0	36.5	2.9	3.2	3.2	8.0	8.6	8.6
Glens Falls .....	48.1	53.5	50.2	2.9	2.8	3.1	6.1	5.3	6.2
Nassau-Suffolk .....	1,415.5	1,491.3	1,476.7	71.0	65.6	67.7	5.0	4.4	4.6
New York .....	3,589.6	3,878.4	3,826.9	285.9	273.6	283.2	8.0	7.1	7.4
New York City <sup>1</sup> .....	2,952.0	3,199.0	3,168.0	260.0	247.0	255.0	8.8	7.7	8.1
Orange County .....	111.9	118.5	116.4	5.9	6.0	6.2	5.3	5.1	5.3
Poughkeepsie .....	117.0	122.6	121.7	4.4	4.1	4.5	3.7	3.4	3.7
Rochester .....	475.0	492.5	491.6	23.8	23.4	23.9	5.0	4.8	4.9
Syracuse .....	307.8	317.4	317.5	16.1	18.1	17.8	5.2	5.7	5.6
Utica-Rome .....	132.2	140.5	140.4	7.8	9.1	9.6	5.9	6.5	6.8
<b>North Carolina<sup>1</sup></b> .....	3,072.2	3,159.0	3,154.0	191.7	183.5	193.7	6.2	5.8	4.2
Asheville .....	84.6	89.0	87.9	4.8	4.6	3.3	5.6	5.2	3.8
Charlotte-Gastonia-Rock Hill .....	559.0	566.8	566.2	29.9	31.9	24.0	5.4	5.6	4.2
Greensboro-Winston-Salem-High Point .....	478.7	490.6	494.6	25.5	24.2	18.4	5.3	4.9	3.7
Raleigh-Durham .....	367.0	385.3	392.9	12.7	11.5	9.7	3.5	3.0	2.5
<b>North Dakota</b> .....	340.4	362.7	342.9	12.7	17.9	15.4	3.7	4.9	4.5
Bismarck .....	43.3	44.3	42.7	2.3	2.8	2.5	5.3	6.3	5.9
Fargo-Moorhead .....	76.6	80.0	78.8	1.9	2.9	2.6	2.5	3.6	3.3
Grand Forks .....	29.5	32.2	31.6	.8	1.2	.9	2.7	3.8	2.8
<b>Ohio<sup>1</sup></b> .....	5,165.4	5,218.0	5,194.8	452.0	456.8	466.4	8.7	8.8	9.0
Akron .....	304.5	304.4	306.1	27.2	27.3	29.4	8.9	9.0	9.6
Canton .....	184.5	187.7	186.9	17.3	18.8	20.1	9.4	10.0	10.7
Cincinnati .....	704.7	719.9	715.4	57.6	51.7	51.1	8.2	7.2	7.1
Cleveland .....	925.5	934.5	925.6	79.0	78.5	81.8	8.5	8.4	8.8
Columbus .....	667.3	685.0	683.6	46.8	43.5	45.2	7.0	6.3	6.6
Dayton-Springfield .....	452.1	458.4	456.5	33.5	34.1	32.6	7.4	7.4	7.1
Toledo .....	295.6	294.5	297.3	24.7	23.3	24.1	8.3	7.9	8.1
Youngstown-Warren .....	219.4	219.4	218.0	24.8	27.6	24.4	11.3	12.6	11.2
<b>Oklahoma</b> .....	1,548.3	1,545.0	1,547.1	101.5	100.3	97.5	6.6	6.5	6.3
Enid .....	31.2	30.5	30.2	1.9	1.9	1.9	6.0	6.1	6.1
Lawton .....	40.5	40.8	41.2	2.4	2.1	2.2	5.9	5.1	5.3
Oklahoma City .....	495.6	498.5	496.9	26.1	27.3	26.1	5.3	5.5	5.3
Tulsa .....	357.6	357.8	356.4	23.8	22.3	22.2	6.6	6.2	6.2
<b>Oregon</b> .....	1,333.3	1,333.2	1,331.5	102.9	103.3	93.4	7.7	7.7	7.0
Eugene-Springfield .....	127.9	127.6	127.8	10.3	9.7	9.1	8.0	7.6	7.1
Portland .....	610.4	614.6	614.7	41.6	43.3	39.5	6.8	7.1	6.4
Salem .....	128.3	128.0	126.0	8.4	8.3	7.5	6.6	6.5	5.9
<b>Pennsylvania<sup>1</sup></b> .....	5,498.6	5,663.7	5,596.6	479.5	412.2	394.9	8.7	7.3	7.1
Allentown-Bethlehem .....	313.9	322.5	320.6	28.1	22.2	24.1	8.9	6.9	7.5
Altoona .....	56.4	59.2	58.5	5.2	5.3	5.2	9.2	8.9	8.8
Beaver County .....	77.6	79.5	79.2	10.4	10.5	10.8	13.4	13.2	13.6
Erie .....	126.1	128.1	126.5	10.8	9.7	9.2	8.6	7.6	7.3
Harrisburg-Lebanon-Carlisle .....	308.2	321.6	317.3	16.5	14.3	13.5	5.3	4.4	4.3
Johnstown .....	100.2	103.9	101.4	11.9	11.0	9.8	11.8	10.6	9.6
Lancaster .....	195.3	204.1	201.2	9.4	8.0	7.3	4.8	3.9	3.6
Philadelphia .....	2,238.8	2,313.4	2,283.6	153.3	132.7	128.4	6.8	5.7	5.6
Pittsburgh .....	965.7	979.9	970.8	107.2	83.7	78.7	11.1	8.5	8.1
Reading .....	163.1	169.4	168.8	11.3	11.0	11.4	6.9	6.5	6.8
Scranton-Wilkes-Barre .....	339.7	353.1	346.6	35.1	29.5	27.2	10.3	8.4	7.9
Sharon .....	49.7	49.9	48.6	5.5	4.2	4.0	11.1	8.5	8.3
State College .....	54.9	55.2	57.8	4.2	3.4	3.4	7.6	6.1	5.9
Williamsport .....	52.0	52.6	52.3	5.2	3.9	3.9	10.0	7.5	7.4
York .....	185.6	193.4	192.6	12.7	13.1	12.0	6.8	6.8	6.2
<b>Rhode Island</b> .....	492.1	508.2	508.8	20.2	21.1	19.7	4.1	4.2	3.9
Pawtucket-Woonsocket-Attleboro .....	135.5	138.8	139.1	7.5	8.0	7.7	5.5	5.8	5.5
Providence .....	330.7	337.3	338.6	13.5	13.5	12.6	4.1	4.0	3.7
<b>South Carolina</b> .....	1,493.2	1,582.0	1,569.7	97.1	104.4	102.9	6.5	6.6	6.6
Charleston .....	183.1	203.5	201.5	9.6	9.0	9.0	5.3	4.4	4.4
Columbia .....	202.8	212.3	212.1	9.1	7.5	7.9	4.5	3.5	3.7
Greenville-Spartanburg .....	291.7	306.7	306.3	16.2	18.0	17.8	5.5	5.9	5.8
<b>South Dakota</b> .....	353.1	361.6	353.6	12.5	15.8	14.0	3.5	4.4	4.0
Sioux Falls .....	68.9	73.5	72.2	2.0	2.5	2.5	3.0	3.4	3.5

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		
	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>	Sept. 1984	Aug. 1985	Sept. 1985 <sup>p</sup>
<b>Tennessee</b> .....	2,248.8	2,285.0	2,281.7	174.5	186.1	169.4	7.8	8.1	7.4
Chattanooga .....	202.9	210.8	206.1	13.4	14.0	13.5	6.6	6.7	6.6
Johnson City-Kingsport-Bristol .....	209.9	208.7	207.3	15.1	16.3	14.4	7.2	7.8	6.9
Knoxville .....	262.6	258.6	259.6	20.6	19.4	17.8	7.9	7.5	6.9
Memphis LMA .....	430.3	442.7	442.4	27.4	29.9	27.0	6.4	6.7	6.1
Nashville .....	483.9	504.7	501.9	24.1	25.6	21.6	5.0	5.1	4.3
<b>Texas<sup>1</sup></b> .....	7,959.1	8,044.5	7,996.6	463.3	559.8	577.1	5.8	7.0	7.2
Abilene .....	64.2	64.2	64.4	2.6	3.3	3.3	4.0	5.2	5.1
Amarillo .....	103.0	103.3	102.5	4.7	5.5	6.0	4.6	5.3	5.8
Austin .....	388.7	395.3	401.8	13.1	17.9	18.7	3.4	4.5	4.6
Beaumont-Port Arthur .....	180.2	174.0	171.9	19.2	23.6	23.3	10.6	13.6	13.6
Brazoria .....	85.0	84.1	83.4	5.0	7.3	7.1	5.8	8.7	8.6
Brownsville-Harlingen .....	93.5	93.0	92.6	12.3	12.1	12.9	13.2	13.0	13.9
Bryan-College Station .....	58.8	58.2	57.9	2.1	2.8	2.9	3.6	4.8	5.0
Corpus Christi .....	170.1	172.9	172.8	13.5	15.5	16.0	7.9	9.0	9.2
Dallas .....	1,316.1	1,330.3	1,321.0	49.1	64.8	67.3	3.7	4.9	5.1
El Paso .....	205.6	207.0	208.5	20.7	21.6	22.2	10.1	10.5	10.6
Fort Worth-Arlington .....	609.0	628.3	624.6	24.1	31.7	34.8	4.0	5.0	5.6
Galveston-Texas City .....	95.7	97.9	97.7	8.7	10.3	10.8	9.1	10.6	11.1
Houston .....	1,678.4	1,708.6	1,689.7	107.7	129.3	131.9	6.4	7.6	7.8
Killeen-Temple .....	78.4	81.5	81.0	4.2	5.5	6.3	5.4	6.8	7.8
Laredo .....	38.9	39.2	38.8	5.9	5.2	5.2	15.2	13.2	13.4
Longview-Marshall .....	78.8	78.3	77.8	6.2	7.6	7.9	7.9	9.7	10.2
Lubbock .....	113.4	114.2	114.3	5.7	6.4	6.5	5.1	5.6	5.7
McAllen-Edinburg-Mission .....	117.0	115.5	118.0	25.0	23.6	25.1	21.4	20.4	21.3
Midland .....	66.0	65.5	64.1	2.5	3.2	3.2	3.8	4.9	5.1
Odessa .....	69.1	69.2	67.8	3.3	4.1	4.3	4.7	5.9	6.3
San Angelo .....	51.6	51.5	51.1	2.2	2.5	2.6	4.4	4.9	5.0
San Antonio .....	537.6	546.6	543.4	27.0	32.7	35.4	5.0	6.0	6.5
Sherman-Denison .....	43.0	43.5	43.5	2.1	3.0	3.4	4.9	6.9	7.8
Texarkana .....	51.5	53.3	53.1	3.7	4.9	5.1	7.2	9.2	9.6
Tyler .....	81.6	82.9	82.3	3.6	6.6	5.5	4.4	8.0	6.7
Victoria .....	39.2	38.7	38.2	2.1	2.5	2.6	5.3	6.6	6.9
Waco .....	94.5	93.7	93.4	4.4	5.4	5.0	4.7	5.8	5.4
Wichita Falls .....	63.5	62.1	61.7	3.3	3.3	3.3	5.2	5.3	5.3
<b>Utah</b> .....	738.3	757.3	775.6	42.8	39.1	40.6	5.8	5.2	5.2
Provo-Orem .....	94.6	93.6	98.7	6.4	5.3	5.5	6.7	5.7	5.5
Salt Lake City-Ogden .....	469.7	486.1	495.2	25.4	23.6	24.8	5.4	4.9	5.0
<b>Vermont</b> .....	270.8	275.2	277.9	10.4	12.5	11.3	3.8	4.5	4.1
Burlington .....	72.8	74.2	76.1	2.0	2.6	2.5	2.8	3.5	3.3
<b>Virginia</b> .....	2,870.9	2,913.9	2,918.4	126.0	155.0	155.2	4.4	5.3	5.3
Charlottesville .....	72.2	68.5	71.8	2.8	2.7	3.0	3.9	4.0	4.2
Danville .....	55.0	55.1	55.8	3.3	5.3	5.1	6.0	9.5	9.2
Lynchburg .....	74.3	74.0	75.0	3.4	4.9	4.9	4.6	6.6	6.5
Norfolk-Virginia Beach-Newport News .....	568.2	580.6	581.2	24.5	29.2	28.5	4.3	5.0	4.9
Richmond-Petersburg .....	401.4	407.1	406.5	15.5	18.1	17.9	3.9	4.4	4.4
Roanoke .....	116.7	120.8	120.4	4.6	5.6	5.8	4.0	4.6	4.8
<b>Washington</b> .....	2,054.7	2,090.5	2,094.4	169.0	151.3	147.2	8.2	7.2	7.0
Seattle .....	912.3	942.9	940.5	64.0	56.8	57.1	7.0	6.0	6.1
<b>West Virginia</b> .....	757.7	757.4	758.3	94.1	94.3	95.5	12.4	12.4	12.6
Charleston .....	124.5	124.6	124.6	13.7	12.1	12.5	11.0	9.7	10.0
Huntington-Ashland .....	125.5	121.9	121.7	15.1	14.1	14.2	12.1	11.6	11.6
Parkersburg-Marietta .....	73.1	74.0	73.7	7.2	7.7	8.1	9.9	10.5	10.9
Wheeling .....	78.6	78.9	77.9	9.8	10.5	10.3	12.4	13.3	13.3
<b>Wisconsin</b> .....	2,411.9	2,396.5	2,385.5	142.9	153.0	147.0	5.9	6.4	6.2
Appleton-Oshkosh-Neenah .....	154.4	158.6	158.0	9.2	9.1	9.2	5.9	5.7	5.8
Eau Claire .....	60.1	58.8	59.4	4.0	4.1	3.9	6.6	7.0	6.6
Green Bay .....	98.9	98.2	97.4	5.7	5.3	5.0	5.8	5.4	5.1
Janesville-Beloit .....	71.0	69.3	69.2	4.5	4.8	4.7	6.3	7.0	6.8
Kenosha .....	56.8	52.0	51.4	3.6	6.0	5.7	6.3	11.6	11.2
La Crosse .....	49.8	48.6	49.7	2.6	2.6	2.4	5.3	5.3	4.9
Madison .....	193.6	196.1	197.1	9.2	7.9	7.7	4.8	4.0	3.9
Milwaukee .....	713.3	706.4	705.3	40.7	44.3	43.5	5.7	6.3	6.2
Racine .....	85.2	84.6	83.7	5.6	7.8	6.6	6.6	9.2	7.9
Sheboygan .....	54.5	53.8	53.3	3.0	2.8	3.0	5.4	5.2	5.6
Wausau .....	53.5	53.3	51.9	3.7	4.0	3.5	6.9	7.6	6.8
<b>Wyoming</b> .....	260.4	257.4	250.7	12.3	15.5	14.1	4.7	6.0	5.6

<sup>1</sup> 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.

<sup>2</sup> Not available.

<sup>p</sup> = 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

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

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

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

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

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

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

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

<sup>2</sup> Part-time labor force for unemployment also includes persons

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

**Table F. Standard errors for unemployment rates**

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

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

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

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

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

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

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

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

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

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

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

(In thousands)

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

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

## COLLECTION

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

### Federal-State cooperation

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

### Shuttle schedules

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

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

## CONCEPTS

### Industrial classification

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

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

### Industry employment

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

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

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

### Industry hours and earnings

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<sup>1</sup> 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.

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

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

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

**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

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

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

### Coverage

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

### Reliability of the employment estimates

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

**Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1984<sup>1</sup>**

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 <sup>2</sup>	5,100	2,779,000	100
State	4,000	3,121,000	82
Local	13,700	6,172,000	64

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

<sup>2</sup> National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 5,100 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:

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

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

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

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

## STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data

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

(In percent)

Industry	Average benchmark revision in estimates of employment <sup>1</sup>	Relative errors <sup>2</sup>	
		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 <sup>3</sup>	.3	-	-

<sup>1</sup> The average percent revision in employment for the 1980-84 benchmarks.

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

<sup>3</sup> 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 <sup>1</sup>	Relative errors <sup>2</sup> (in percent)	
		Average weekly hours	Average hourly earnings
50,000 .....	2,100	2.2	4.0
100,000 .....	3,900	1.3	2.3
200,000 .....	5,600	1.1	2.0
500,000 .....	14,000	.9	1.6
1,000,000 .....	15,000	.8	1.2
2,000,000 .....	26,000	.5	.9

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

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

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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	8,400	5,500	Transportation and public utilities	15,100	15,200
Manufacturing	32,100	29,200	Transportation <sup>1</sup>	19,700	19,500
Durable goods	23,300	21,100	Communication and public utilities <sup>1</sup>	5,000	4,800
Lumber and wood products	3,900	3,400	Wholesale trade <sup>1</sup>	8,200	8,000
Furniture and fixtures	3,000	2,300	Durable goods <sup>1</sup>	5,300	5,000
Stone, clay, and glass products	2,600	2,400	Nondurable goods <sup>1</sup>	5,000	4,800
Primary metal industries	6,400	6,300	Retail trade <sup>1</sup>	30,900	31,100
Blast furnaces and basic steel products <sup>1</sup>	5,500	5,300	General merchandise stores <sup>1</sup>	19,000	18,600
Fabricated metal products	4,700	4,000	Food stores <sup>1</sup>	6,800	5,800
Machinery, except electrical	8,700	7,900	Automotive dealers and service stations <sup>1</sup>	3,200	2,700
Electrical and electronic equipment	6,200	6,400	Eating and drinking places <sup>1</sup>	20,900	18,800
Transportation equipment	12,600	11,100	Finance, insurance, and real estate	9,400	8,300
Motor vehicles and equipment <sup>1</sup>	10,200	10,100	Finance <sup>1</sup>	4,300	3,500
Instruments and related products	2,200	2,200	Insurance <sup>1</sup>	2,900	2,200
Miscellaneous manufacturing	2,000	2,000	Real estate <sup>1</sup>	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 <sup>1</sup>	13,400	11,300
Tobacco manufactures	1,500	1,400	Health services <sup>1</sup>	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 <sup>1</sup>	26,000	25,000
Printing and publishing	2,200	2,400	Local <sup>1</sup>	41,800	39,100

<sup>1</sup> 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 cover 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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