

# Employment and Earnings

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Joseph M. Finerty, Editor  
 Gloria P. Green, Associate Editor  
 James A. McCall, Associate Editor

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<b>CALENDAR OF FEATURES</b>											
In addition to the monthly data appearing regularly in Employment and Earnings, special features appear in most of the issues, as shown below:											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Oct.	Nov.	Dec.
<b>Household data</b>											
Annual averages	x										
Revised seasonally adjusted series		x									
<b>Quarterly averages:</b>											
Seasonally adjusted data											
Persons not in labor force											
Persons of Spanish origin											
Vietnam-Era veterans and nonveterans	x			x			x		x		
Poverty-nonpoverty area data											
<b>Establishment data</b>											
National annual averages:											
Industry divisions (preliminary)	x										
Industry detail (final)			x								
Women employment (National)		x			x			x		x	
National data adjusted to new benchmarks									(1)		
Revised seasonally adjusted series									(1)		
State and area annual averages					x						
Area definitions					x						

<sup>1</sup> The issue that introduces the establishment data adjusted to new benchmarks varies. The October 1975 issue marks the introduction of March 1974 benchmarks.

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<sup>1</sup> Monthly data in February, May, August, and November issues; annual averages in March issue.

### **Discontinuance of Tables C-12 through C-17**

Beginning with the January 1976 issue, employee compensation data (tables C-12 through C-17) no longer will be included in *Employment and Earnings*. The identical tables will continue to be published in the Bureau's monthly publication, *Current Wage Developments*.

Provision has been made to retain in a new table C-8, seasonally adjusted average hourly earnings for the major industry divisions as well as seasonally adjusted average weekly earnings in current and constant dollars for the private nonfarm sector.

*Current Wage Developments* may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Subscription price: \$18 a year in the U.S. and Canada (\$4.50 additional for most other foreign countries). Single copy: \$1.50. Make checks or money order payable to the Superintendent of Documents.

# Employment and Unemployment Developments, November 1975

Unemployment declined in November, while employment showed little change.

The unemployment rate, which had risen to 8.6 percent in October, returned to the previous month's level of 8.3 percent. Unemployment has been on a virtual plateau for 6 months after dropping from the second quarter recession peak of 8.9 percent.

Total employment—as measured by the monthly survey of households—was little changed for the third straight month following a period of strong growth from March to August. The series on nonagricultural payroll employment—as measured by the monthly survey of establishments—also was about unchanged in November but has posted gains totaling 1.2 million since reaching a low in June.

## Unemployment

The number of persons unemployed fell by 300,000 in November to 7.7 million (seasonally adjusted), following an increase of nearly the same magnitude in the previous month. As a result, the unemployment rate returned to its September level of 8.3 percent.

Over-the-month declines were registered among teenagers and adult men. The teenage jobless rate, which often fluctuates without regard to the general cyclical pattern, showed the largest drop—down 1.3 percentage points to 18.6 percent. The unemployment rate for adult men dropped from 7.1 to 6.9 percent; this improvement was mirrored by declines among married men and household heads. In addition, there was a large drop in the rate for full-time workers—from 8.6 to 8.1 percent. The rate for adult women, on the other hand, held steady at 7.8 percent, after having risen from 7.5 percent in September.

There was a sharp decline in the number of unemployed who had lost their last job. In November, about 54 percent of the jobless were in this category, compared with a high of over 57 percent in the second quarter. It had averaged 43.5 percent in 1974.

Whereas the movement in the jobless rate for white workers paralleled that for the total over the September-

November period, dropping from 7.9 percent in October to the September level of 7.6 percent, there was little change for black workers (Negro and other races). The black rate was 13.8 percent, about the same level as in the previous 3 months.

While the average (mean) duration of unemployment had declined in October, in November it reached a new high—16.8 weeks—for the current cyclical period. Contributing to this increase was a rise in the number of persons unemployed for 27 weeks or more and a sharp decline in short-duration joblessness.

There was no change in the number of persons working part time for economic reasons, a group often associated with the unemployed because they are unable to find work on a full-time basis. There were 3.3 million such persons in November, little changed since June but well below the high of 3.9 million reached in the spring.

## Total employment and labor force

Total employment was 85.3 million (seasonally adjusted) in November, about the same level that has prevailed since August. However, agricultural employment has declined for 2 straight months after posting increases during the third quarter.

With declining unemployment and employment about stable, the civilian labor force fell by 460,000 in November to 93.0 million. This decline moderated the relatively strong growth in the labor force that has been evident since March of this year. As a result, the labor force participation rate dropped from the 61.4 percent level that had held between July and October to 61.0 percent, still a comparatively high figure.

## Industry payroll employment

Total nonagricultural payroll employment was virtually unchanged in November at 77.5 million (seasonally adjusted). This was in contrast to the substantial gains posted in each of the 4 preceding months. Since June, payroll employment has grown by 1.2 million.

Nevertheless, the November job total remained 1.3 million below the alltime high of 78.8 million reached in September 1974. Employment increases occurred in 57 percent of the 172 industries in the BLS diffusion index, compared with 62 percent in October and 82 percent in September.

Manufacturing employment stabilized in November after having recorded substantial increases in recent months. Neither the durable nor nondurable goods sectors experienced any significant changes in employment. However, there was a gain of nearly 20,000 in the transportation equipment industry.

Employment in contract construction was also unchanged in November, continuing the relative stability that has been evident since June. However, construction jobs remained about 700,000 below the pre-recession peak reached in early 1974.

Employment in services edged up by 30,000 in November, bringing to 300,000 the additions to this industry since June. This was the only industry division in the service-producing sector to show any significant growth from October. Nevertheless, since September 1974, employment in this sector has grown by over three-quarters of a million, while jobs in the goods-producing sector have declined by slightly more than 2 million.

## Hours

The average workweek for all production or non-supervisory workers on nonfarm payrolls edged up 0.1 hour for the second straight month, reaching 36.3 hours, seasonally adjusted, in November. In manufacturing, the workweek declined by 0.1 hour to 39.8 hours. The factory workweek was 1.2 hours below the pre-recession high reached in February 1973, despite

the gain of a full hour since the recession low of early this year. Factory overtime in November was 2.8 hours for the fourth consecutive month.

The index of aggregate hours of private nonfarm production or nonsupervisory employees increased for the fifth straight month, advancing 0.3 percent to 108.9 (1967=100). In manufacturing, the aggregate hours index held at 90.9, after having increased steadily from the March low of 86.4.

## Hourly and weekly earnings

Average hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls rose 6 cents (seasonally adjusted), or an increase of 1.3 percent from October; hourly earnings were up 7.6 percent over the last 12 months. Average weekly earnings increased 1.0 percent in November and have risen 7.9 percent since last November.

Before adjustment for seasonality, average hourly earnings increased 3 cents to \$4.68. Since November 1974, hourly earnings have increased 32 cents. Weekly earnings averaged \$169.42 in November, \$1.09 above the October level and \$12.02 over November a year ago.

## The hourly earnings index

The Hourly Earnings Index—earnings adjusted for overtime in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and low-wage industries—was 178.1 (1967=100) in November, 0.9 percent higher than in October. The index was 8.5 percent above November a year ago. During the 12-month period ended in October, the Hourly Earnings Index in dollars of constant purchasing power rose 0.5 percent.

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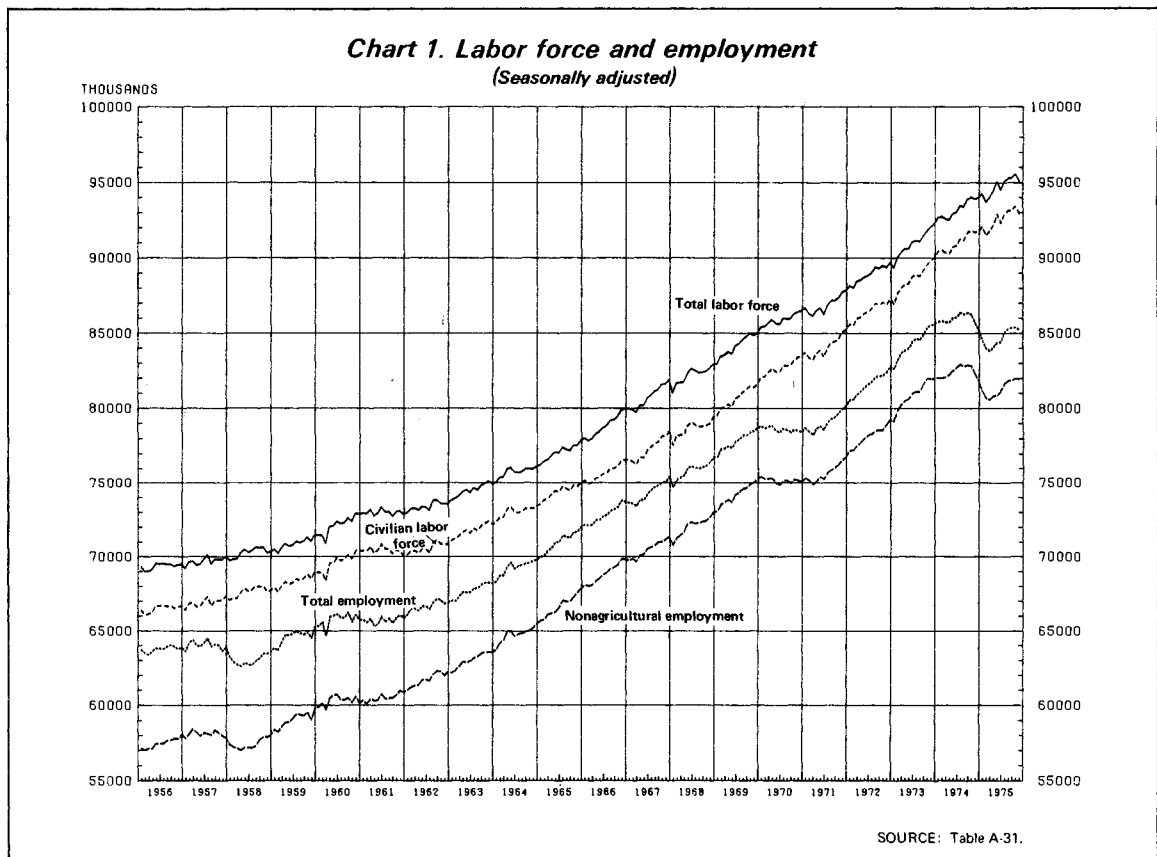
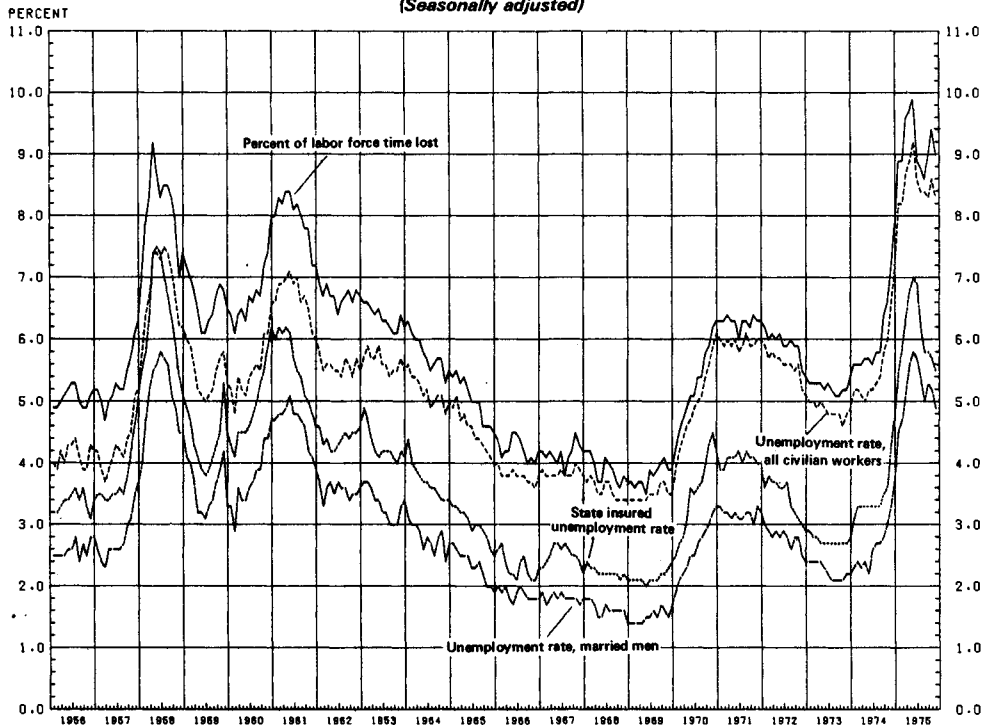


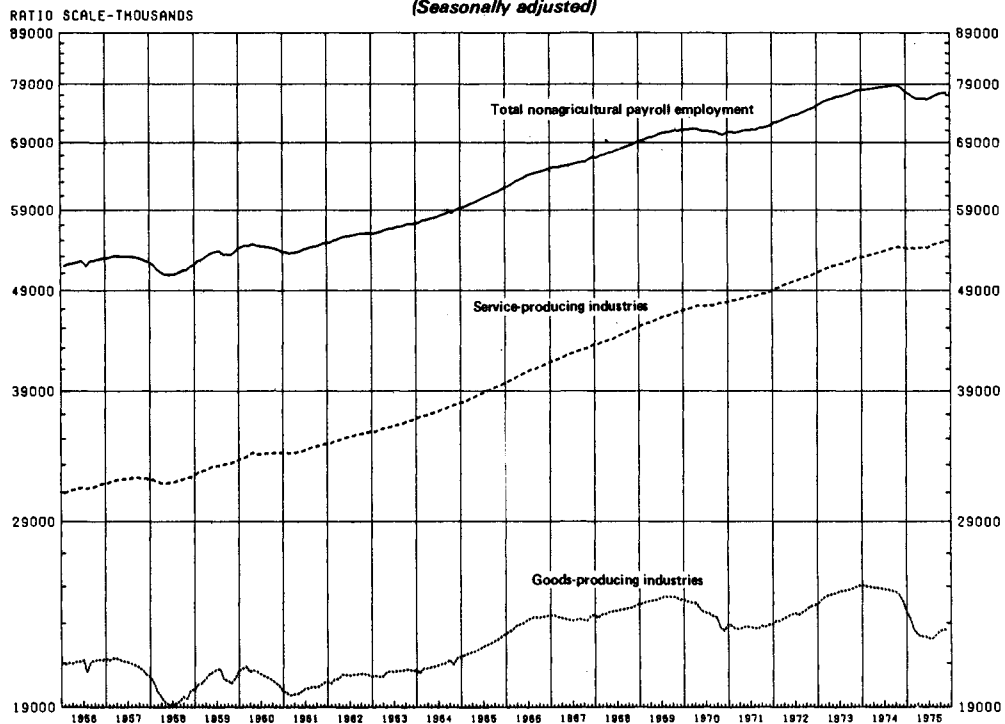
CHART 1

**Chart 2. Major unemployment indicators**  
(Seasonally adjusted)



SOURCE: Table A-34.

**Chart 3. Payroll employment in goods- and service-producing industries**  
(Seasonally adjusted)

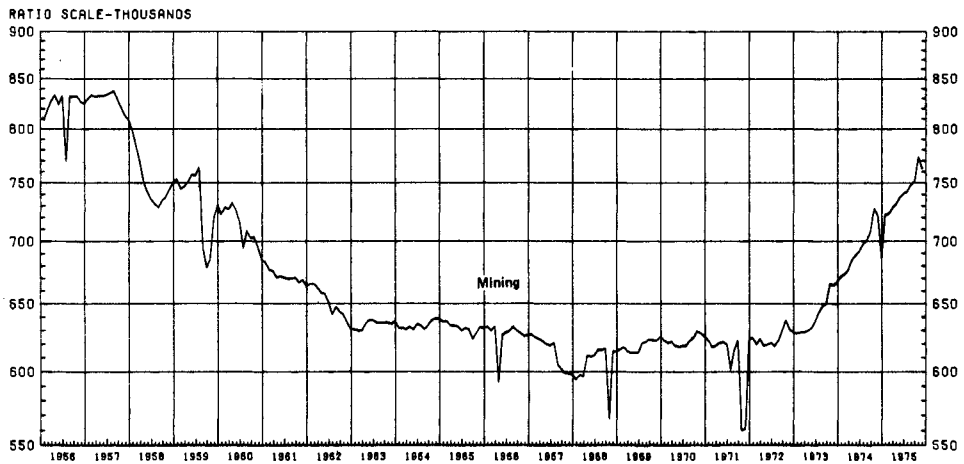
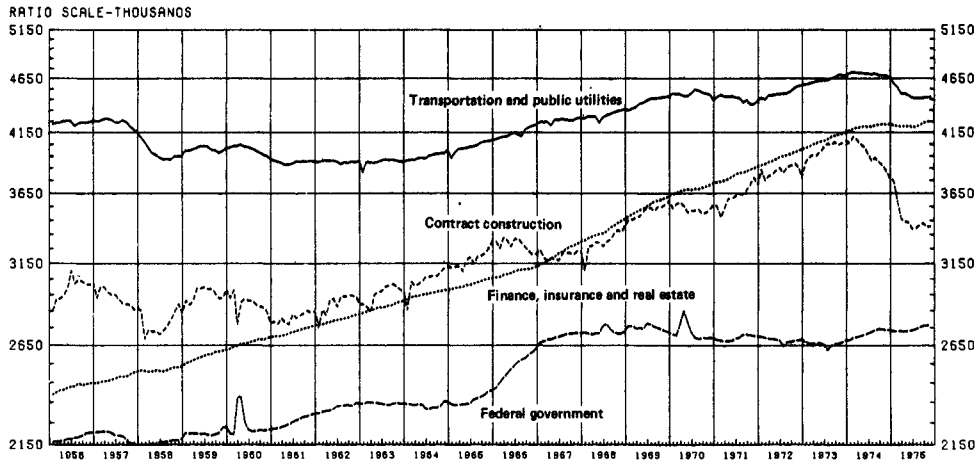
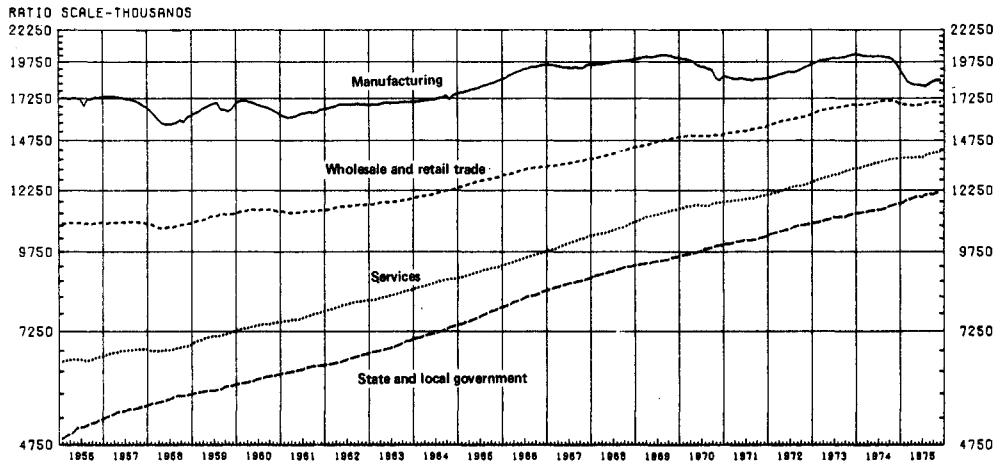


NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.



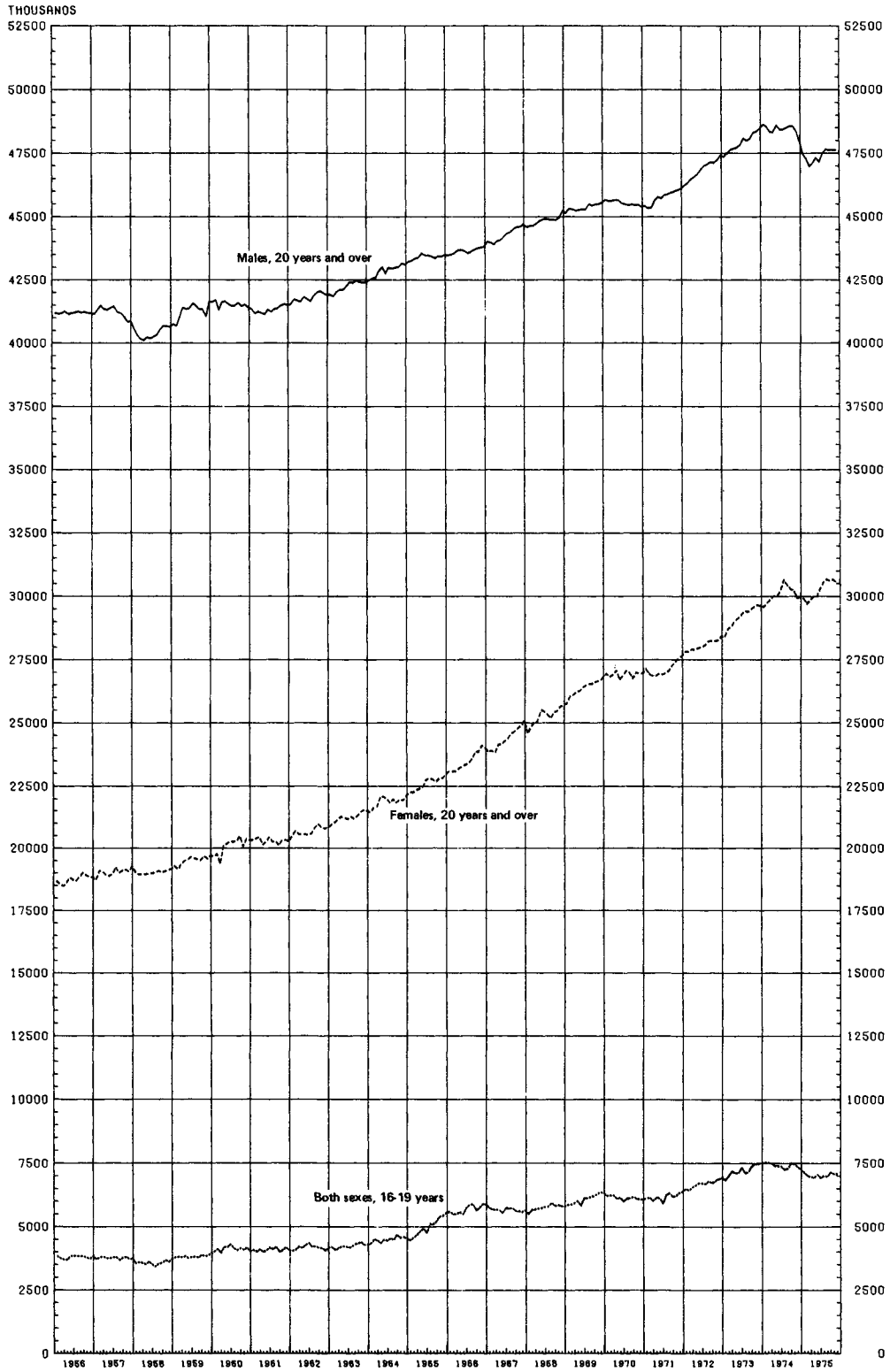
**Chart 4. Nonagricultural payroll employment by industry**  
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

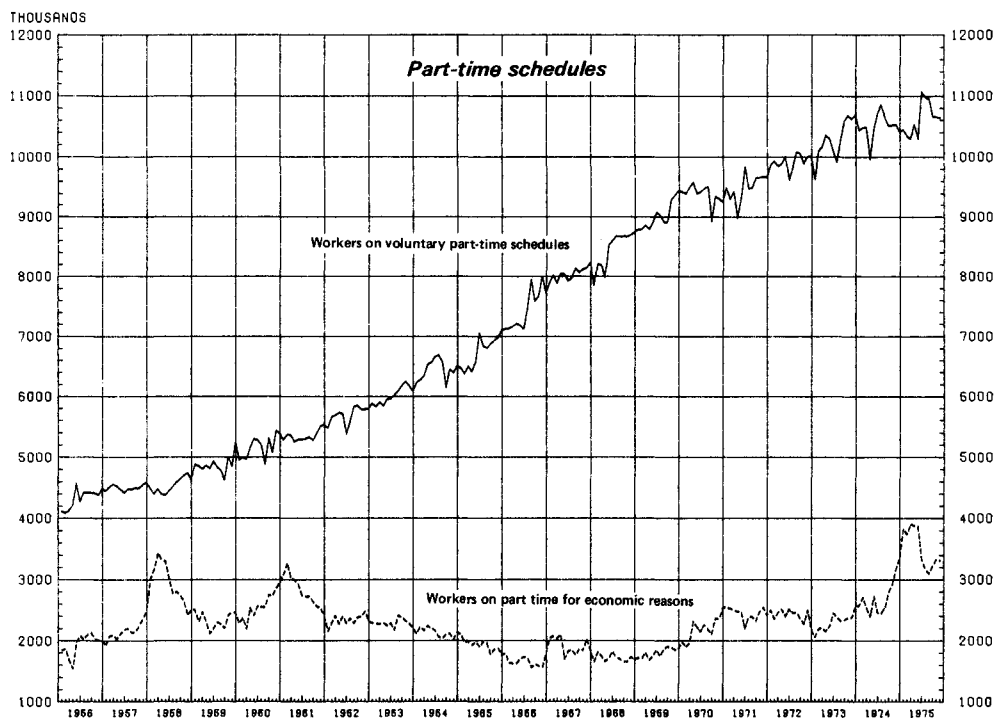
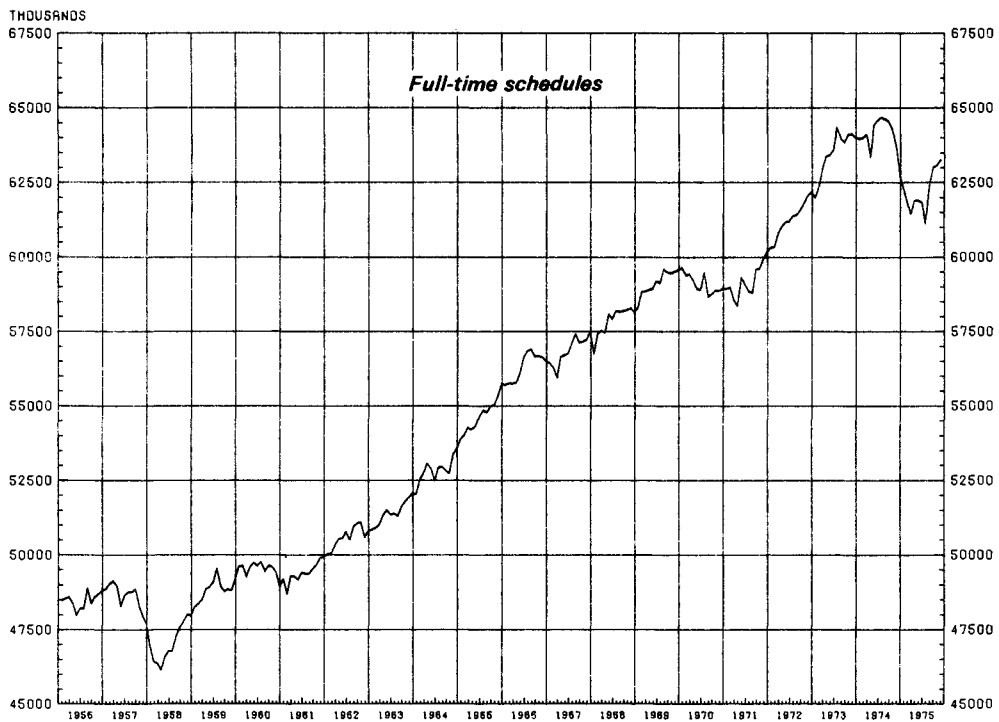
SOURCE: Table B-5.

**Chart 5. Total employment by age and sex**  
(Seasonally adjusted)



SOURCE: Table A-31.

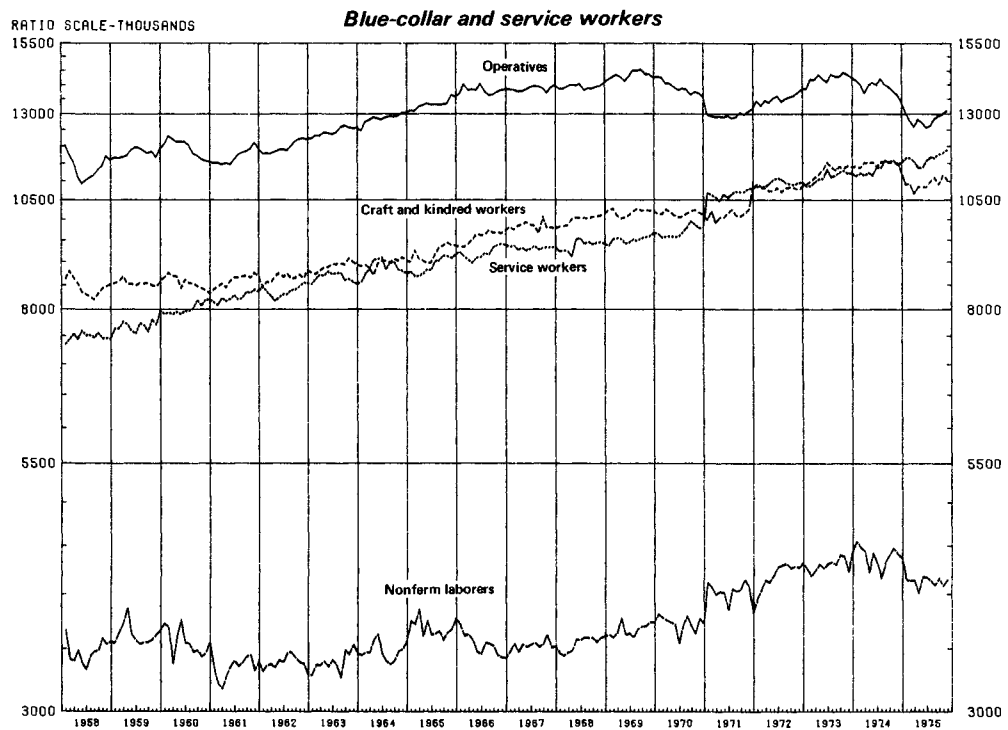
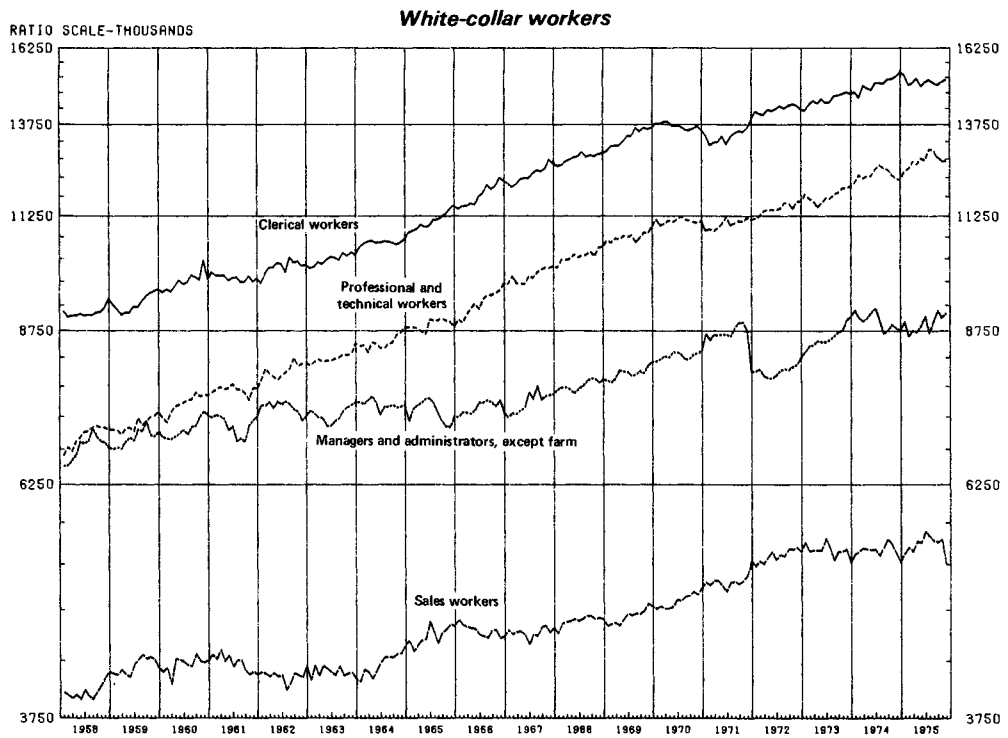
**Chart 6. Persons at work full and part time  
in nonagricultural industries**  
(Seasonally adjusted)



SOURCE: Table A-39.

### Chart 7. Employment in nonfarm occupations

(Seasonally adjusted)

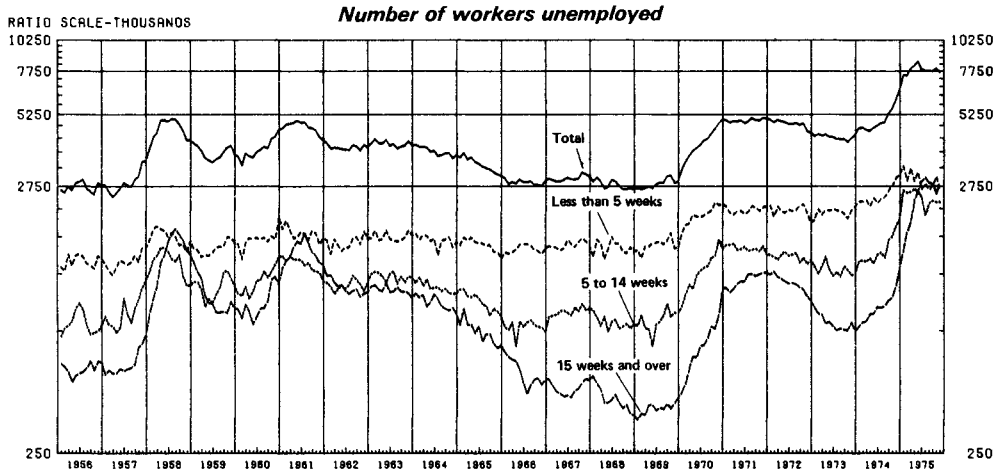


NOTE: Two breaks in series occurred in 1971 stemming from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December. See "Changes in occupational classification system" in the Explanatory Notes.

SOURCE: Table A-39.

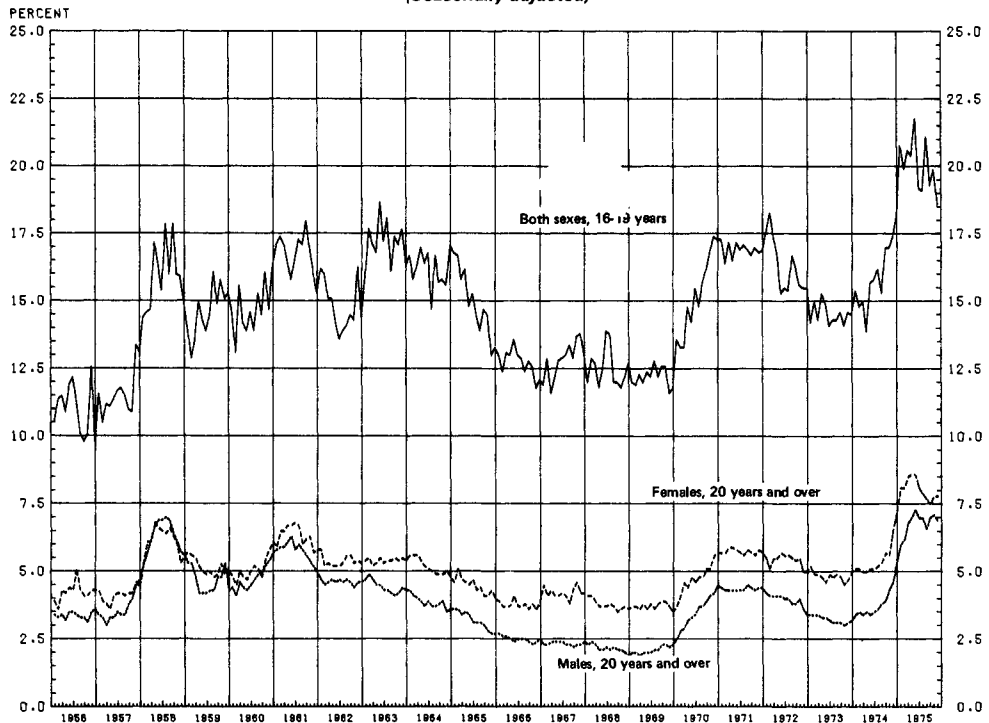
### Chart 8. Duration of unemployment

(Seasonally adjusted)



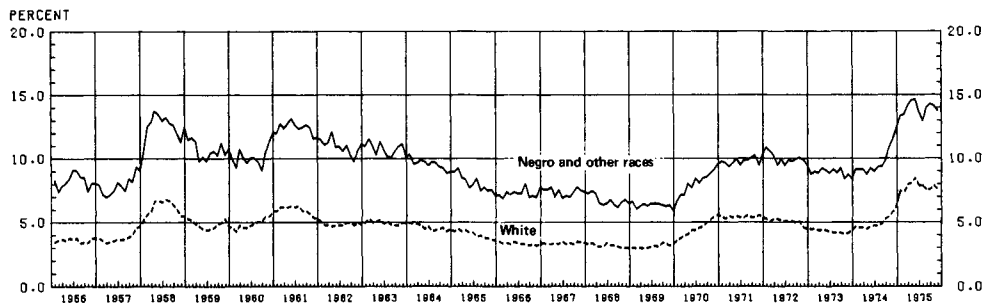
SOURCE: Table A-35.

**Chart 9. Unemployment rates by age and sex**  
(Seasonally adjusted)

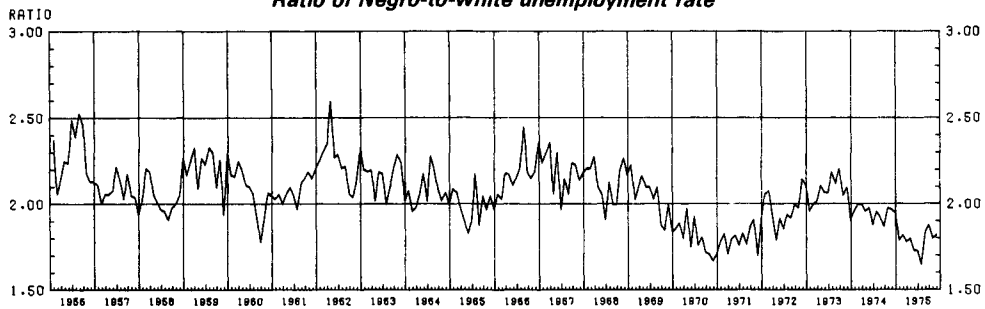


SOURCE: Table A-34.

**Chart 10. Unemployment rates by color**  
(Seasonally adjusted)

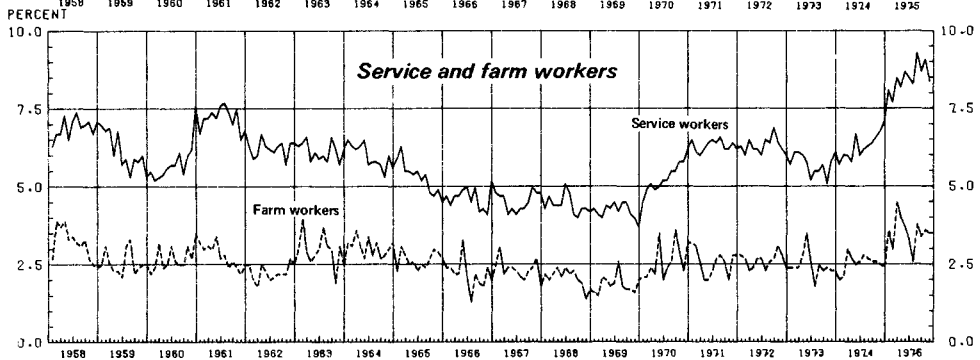
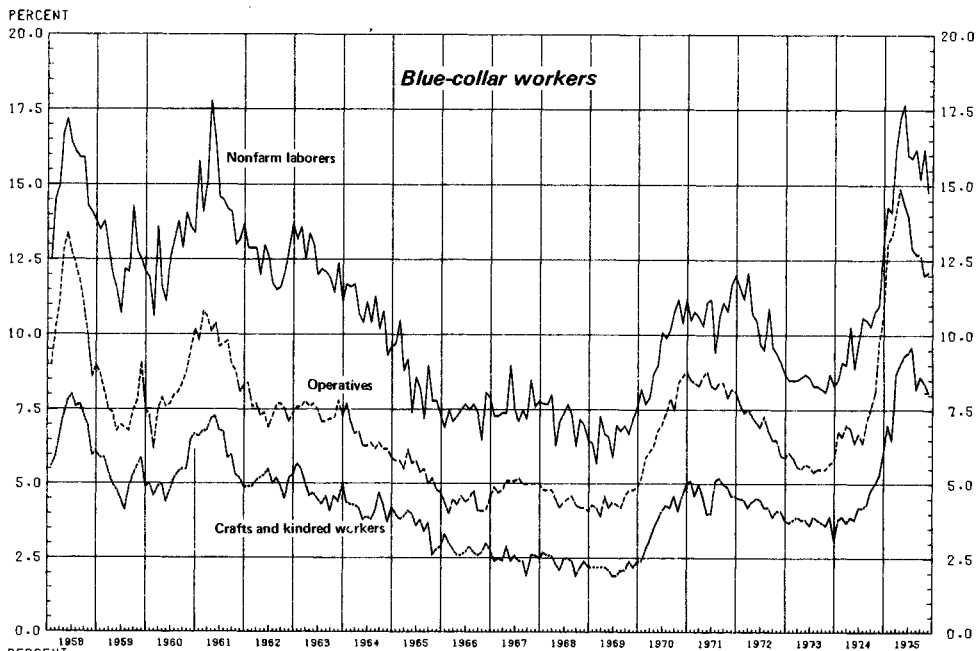
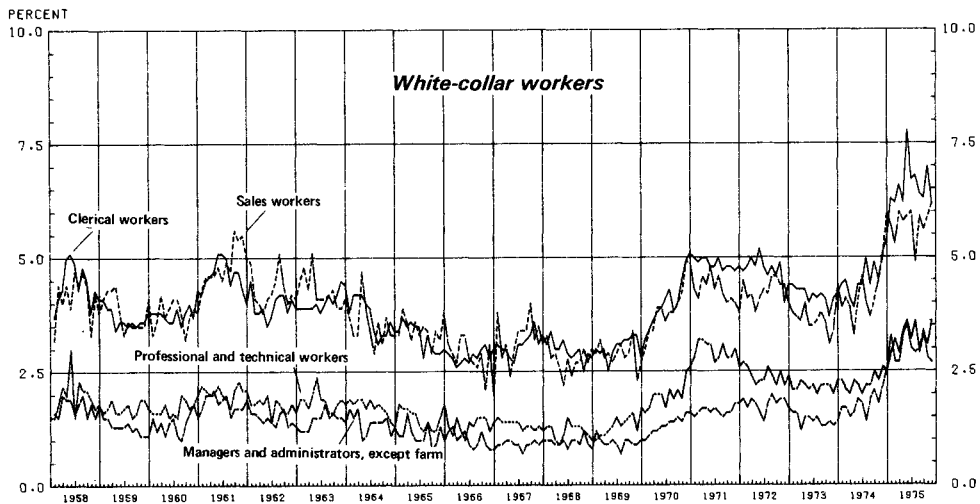


**Ratio of Negro-to-white unemployment rate**



SOURCE: Table A-33.

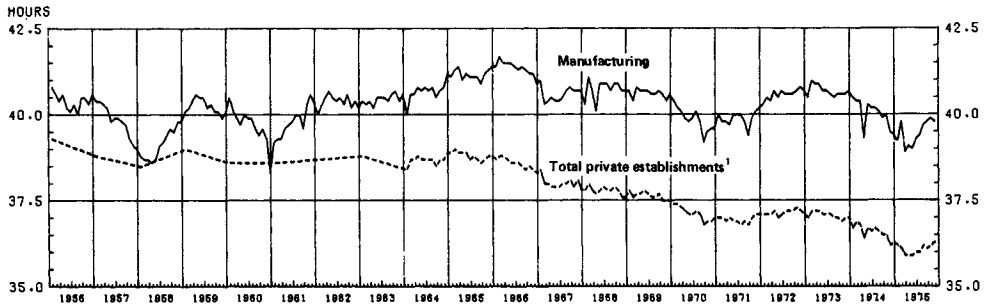
**Chart 11. Unemployment rates by major occupational groups**  
(Seasonally adjusted)



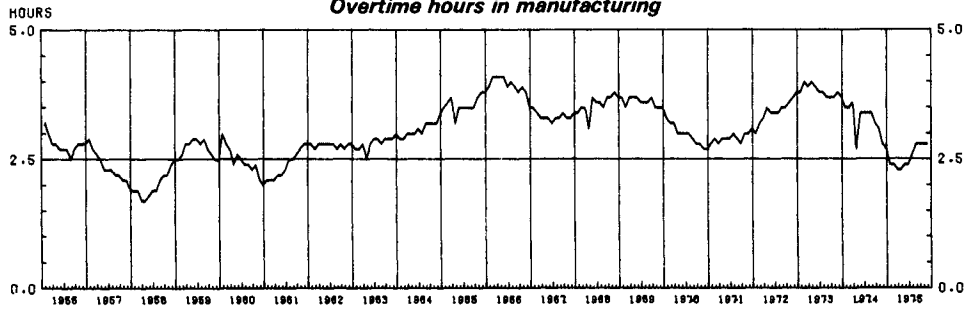
SOURCE: Table A-34.

**Chart 12. Average weekly hours in nonagricultural industries**

*(Seasonally adjusted)*



**Overtime hours in manufacturing**



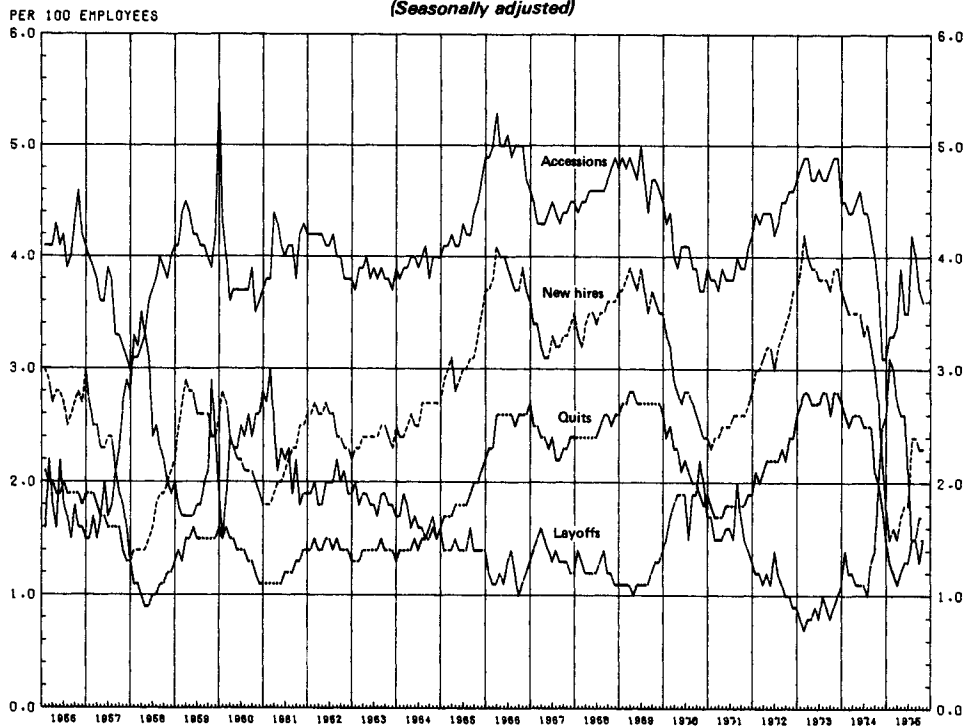
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

**Chart 13. Labor turnover rates in manufacturing**

*(Seasonally adjusted)*

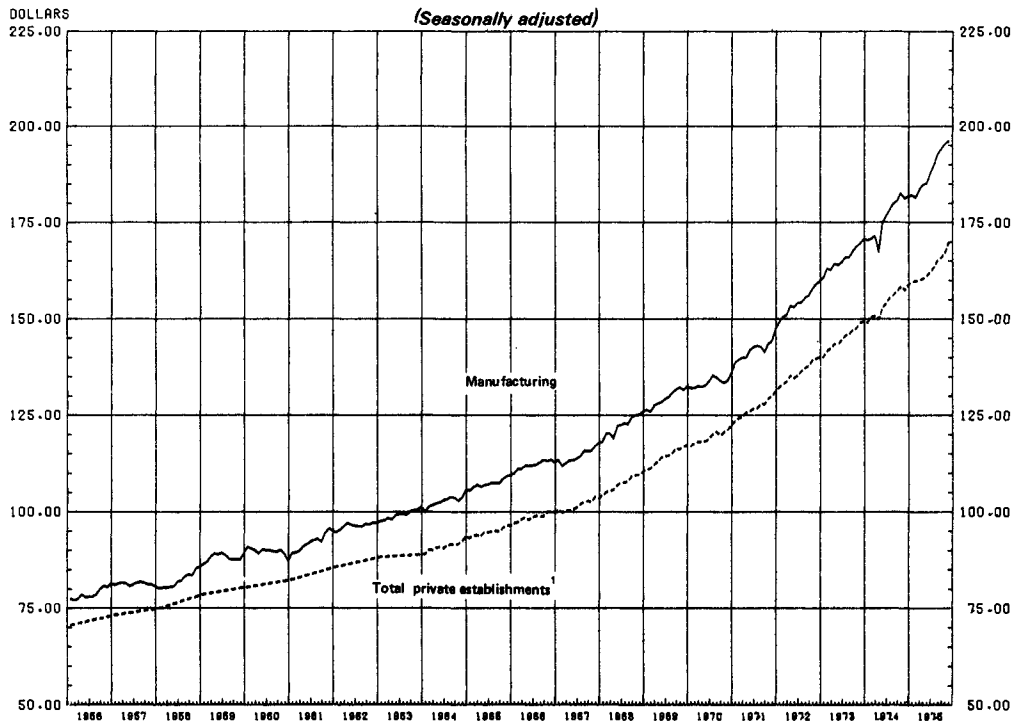


NOTE: Data for current month are preliminary.

SOURCE: Table D-3.



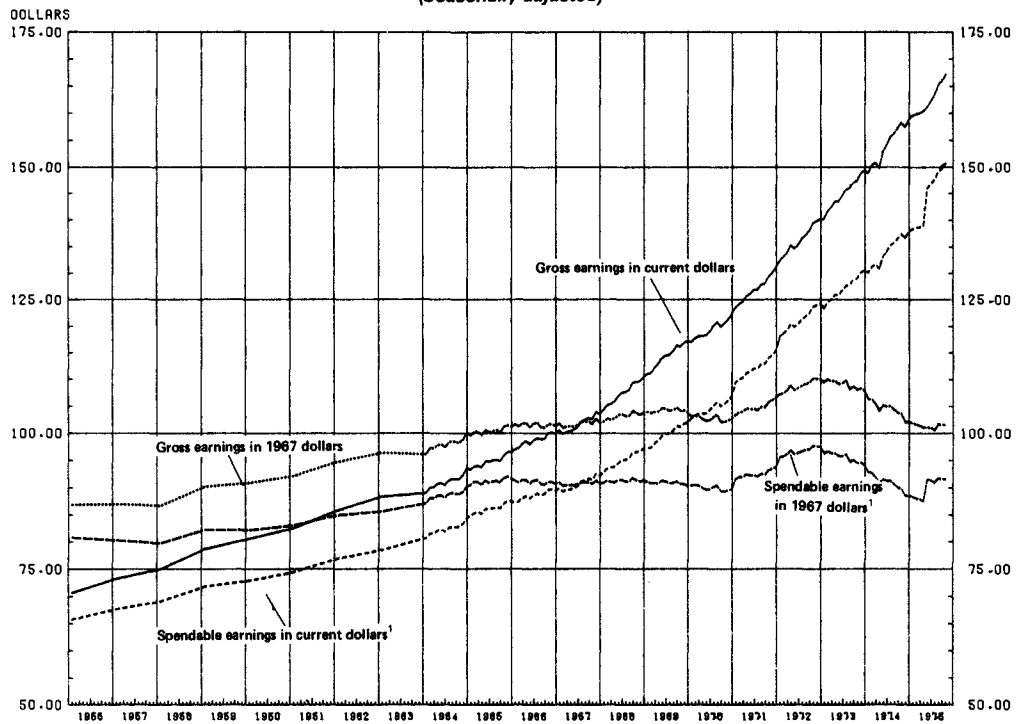
**Chart 14. Average weekly earnings in nonagricultural industries**



<sup>1</sup> Annual averages prior to 1964.  
NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7 and C-17.

**Chart 15. Total private gross and spendable weekly earnings**



<sup>1</sup> Worker with three dependents.  
NOTE: Data prior to 1964 are annual averages. Data for current month are preliminary.

SOURCE: Table C-17.

A-1. Employment status of the noninstitutional population, 1929 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,900	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	-	43,093
1953 <sup>2</sup> .....	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,190	6,205	53,904	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,799	6,283	57,514	2,750	4.1	-	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	-	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	-	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	-	46,960
1960 <sup>2</sup> .....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	-	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	-	48,312
1962 <sup>2</sup> .....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	-	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	-	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	-	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	-	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	-	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	-	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	-	53,291
1969.....	137,841	84,240	61.1	80,734	77,302	3,606	74,296	2,832	3.5	-	53,602
1970.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	-	54,280
1971.....	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	-	55,666
1972 <sup>2</sup> .....	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	-	56,785
1973 <sup>2</sup> .....	148,263	91,040	61.4	88,714	84,409	3,452	80,957	4,304	4.9	-	57,222
1974.....	150,827	93,240	61.8	91,011	85,935	3,492	82,443	5,076	5.6	-	57,587
1975: March.....	152,646	93,593	61.3	91,395	83,036	2,988	80,048	8,359	9.1	8.7	59,053
April.....	152,840	93,564	61.2	91,369	83,549	3,171	80,377	7,820	8.6	8.9	59,276
May.....	153,051	93,949	61.4	91,768	84,146	3,622	80,524	7,623	8.3	9.2	59,101
June.....	153,278	96,191	62.8	94,013	85,444	3,869	81,575	8,569	9.1	8.6	57,087
July.....	153,585	97,046	63.2	94,859	86,650	4,090	82,560	8,209	8.7	8.4	56,540
August.....	153,824	96,493	62.7	94,308	86,612	3,886	82,726	7,696	8.2	8.4	57,331
September.....	154,052	94,965	61.6	92,795	85,274	3,626	81,647	7,522	8.1	8.3	59,087
October.....	154,256	95,431	61.9	93,267	86,023	3,524	82,499	7,244	7.8	8.6	58,825
November.....	154,476	94,943	61.5	92,787	85,556	3,156	82,400	7,231	7.8	8.3	59,533

<sup>1</sup> Not available

<sup>2</sup> Not strictly comparable with prior years due to the introduction of population

adjustments in these years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

## A-2. Employment status of the noninstitutional population, 16 years and over by sex, 1947 to date

(Numbers in thousands)

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force	
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted		Seasonally adjusted
<b>MALES</b>											
1947.....	50,968	44,258	86.8	42,686	40,995	6,643	34,352	1,692	4.0	-	6,710
1948.....	51,439	44,729	87.0	43,286	41,725	6,358	35,367	1,559	3.6	-	6,710
1949.....	51,922	45,097	86.9	43,498	40,925	6,343	34,583	2,572	5.9	-	6,825
1950.....	52,352	45,446	86.8	43,819	41,578	6,002	35,576	2,239	5.1	-	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,534	36,246	1,221	2.8	-	6,725
1952.....	53,248	46,416	87.2	42,869	41,682	5,390	36,293	1,185	2.8	-	6,832
1953 <sup>1</sup> .....	54,248	47,131	86.9	43,633	42,430	5,253	37,177	1,202	2.8	-	7,117
1954.....	54,706	47,275	86.4	43,965	41,619	5,200	36,418	2,344	5.3	-	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,356	1,854	4.2	-	7,634
1956.....	55,547	47,914	86.3	45,091	43,379	5,040	38,339	1,711	3.8	-	7,633
1957.....	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958.....	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959.....	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960 <sup>1</sup> .....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962 <sup>1</sup> .....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	-	12,677
1970.....	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	-	13,066
1971.....	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	-	13,715
1972 <sup>1</sup> .....	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	-	14,193
1973 <sup>1</sup> .....	71,020	56,479	79.5	54,203	51,963	2,833	49,130	2,240	4.1	-	14,541
1974.....	72,253	57,349	79.4	55,186	52,518	2,900	49,618	2,668	4.8	-	14,904
1975: August.....	73,659	59,107	80.2	57,018	52,915	3,106	49,809	4,102	7.2	7.9	14,552
September.....	73,790	57,601	78.1	55,527	51,580	2,983	48,597	3,947	7.1	8.0	16,189
October.....	73,887	57,538	77.9	55,469	51,632	2,886	48,746	3,837	6.9	8.2	16,349
November.....	73,991	57,276	77.4	55,215	51,229	2,673	48,557	3,986	7.2	7.9	16,715
<b>FEMALES</b>											
1947.....	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948.....	53,088	17,351	32.7	17,335	16,617	1,271	15,346	717	4.1	-	35,737
1949.....	53,689	17,806	33.2	17,788	16,723	1,315	15,409	1,065	6.0	-	35,883
1950.....	54,293	18,412	33.9	18,389	17,340	1,159	16,181	1,049	5.7	-	35,881
1951.....	54,933	19,054	34.7	19,016	18,181	1,193	16,988	834	4.4	-	35,879
1952.....	55,575	19,314	34.8	19,269	18,568	1,111	17,458	698	3.6	-	36,261
1953 <sup>1</sup> .....	56,353	19,429	34.5	19,382	18,749	1,006	17,743	632	3.3	-	36,924
1954.....	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	-	37,247
1955.....	57,610	20,584	35.7	20,548	19,551	1,184	18,366	998	4.9	-	37,026
1956.....	58,264	21,495	36.9	21,461	20,419	1,244	19,175	1,039	4.8	-	36,769
1957.....	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	-	37,218
1958.....	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	-	37,574
1959.....	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	-	38,053
1960 <sup>1</sup> .....	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,343
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962 <sup>1</sup> .....	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	-	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	-	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	-	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	-	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	-	40,976
1969.....	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	-	40,924
1970.....	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	-	41,214
1971.....	74,084	32,132	43.4	32,091	29,875	598	29,277	2,217	6.9	-	41,952
1972 <sup>1</sup> .....	75,911	33,320	43.9	33,277	31,075	633	30,439	2,205	6.6	-	42,591
1973 <sup>1</sup> .....	77,242	34,561	44.7	34,510	32,446	619	31,827	2,064	6.0	-	42,681
1974.....	78,575	35,892	45.7	35,825	33,417	592	32,825	2,408	6.7	-	42,683
1975: August.....	80,164	37,386	46.6	37,290	33,696	780	32,916	3,594	9.6	9.1	42,779
September.....	80,262	37,364	46.6	37,269	33,694	644	33,050	3,575	9.6	8.8	42,897
October.....	80,369	37,893	47.1	37,798	34,392	638	33,753	3,406	9.0	9.1	42,476
November.....	80,485	37,666	46.8	37,572	34,327	484	33,843	3,245	8.6	8.9	42,818

<sup>1</sup> See footnote 2, table A-1.

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

[Numbers in thousands]

Sex, age, and color	November 1975										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALES</b>											
16 years and over .....	57,276	77.4	55,215	51,229	3,986	7.2	16,715	229	5,023	1,779	9,684
16 to 21 years .....	7,935	63.3	7,199	5,908	1,291	17.9	4,600	28	4,147	40	385
16 to 19 years .....	4,757	56.3	4,409	3,552	857	19.4	3,692	22	3,400	22	249
16 to 17 years .....	1,860	43.9	1,826	1,455	372	20.4	2,375	11	2,267	6	91
18 to 19 years .....	2,897	68.8	2,582	2,097	485	18.8	1,317	11	1,133	15	157
20 to 64 years .....	50,674	89.4	48,962	45,941	3,021	6.2	6,015	97	1,620	1,271	3,026
20 to 24 years .....	8,026	83.4	7,251	6,296	955	13.2	1,601	16	1,248	61	277
25 to 54 years .....	35,699	94.5	34,764	32,987	1,777	5.1	2,089	47	362	663	1,018
25 to 29 years .....	8,011	94.5	7,646	7,115	531	6.9	466	7	250	61	148
30 to 34 years .....	6,638	96.4	6,404	6,056	348	5.4	246	6	62	59	119
35 to 39 years .....	5,444	96.1	5,240	4,991	249	4.7	221	4	29	83	105
40 to 44 years .....	5,134	94.8	5,040	4,834	206	4.1	279	10	14	105	150
45 to 49 years .....	5,307	93.9	5,276	5,082	194	3.7	345	9	5	152	178
50 to 54 years .....	5,166	90.6	5,158	4,908	249	4.8	534	10	2	203	319
55 to 64 years .....	6,949	74.9	6,947	6,657	290	4.2	2,323	34	10	548	1,732
55 to 59 years .....	4,196	83.9	4,194	4,037	157	3.8	805	11	5	271	517
60 to 64 years .....	2,753	64.5	2,753	2,621	132	4.8	1,519	23	5	276	1,215
65 years and over .....	1,845	20.8	1,845	1,737	108	5.9	7,008	110	3	486	6,409
65 to 69 years .....	1,058	30.0	1,058	983	75	7.1	2,466	25	2	187	2,253
70 years and over .....	787	14.8	787	754	33	4.2	4,542	85	2	299	4,156
<b>White</b>											
16 years and over .....	51,202	78.2	49,481	46,218	3,263	6.6	14,312	169	4,129	1,393	8,621
16 to 21 years .....	7,013	65.4	6,409	5,337	1,072	16.7	3,715	21	3,377	29	289
16 to 19 years .....	4,261	59.1	3,970	3,245	725	18.2	2,947	18	2,727	16	187
16 to 17 years .....	1,723	47.9	1,693	1,370	323	19.1	1,875	9	1,798	5	64
18 to 19 years .....	2,538	70.3	2,277	1,876	402	17.6	1,072	9	929	11	123
20 to 64 years .....	45,275	90.0	43,845	41,389	2,456	15.6	5,031	66	1,400	980	2,586
20 to 24 years .....	6,999	83.8	6,370	5,600	770	12.1	1,352	10	1,094	41	208
25 to 54 years .....	31,924	95.1	31,124	29,688	1,436	4.6	1,629	29	295	493	812
25 to 34 years .....	13,040	96.0	12,530	11,828	703	5.6	545	6	257	85	197
35 to 44 years .....	9,437	96.2	9,183	8,825	358	3.9	368	6	34	124	204
45 to 54 years .....	9,447	93.0	9,411	9,036	375	4.0	716	17	5	283	411
55 to 64 years .....	6,353	75.6	6,351	6,102	249	3.9	2,050	27	10	447	1,566
55 to 59 years .....	3,835	84.6	3,834	3,705	129	3.4	697	10	5	220	462
60 to 64 years .....	2,517	65.0	2,517	2,397	120	4.8	1,353	17	5	227	1,104
65 years and over .....	1,666	20.8	1,666	1,583	83	5.0	6,334	85	3	397	5,848
<b>Negro and other races</b>											
16 years and over .....	6,074	71.7	5,735	5,011	723	12.6	2,403	60	894	386	1,063
16 to 21 years .....	922	51.0	790	571	220	27.8	885	8	770	11	96
16 to 19 years .....	497	40.0	439	306	132	30.2	745	4	673	6	62
16 to 17 years .....	138	21.6	134	85	49	36.5	500	2	469	2	27
18 to 19 years .....	359	59.5	305	221	84	27.4	245	2	204	4	34
20 to 64 years .....	5,399	84.6	5,117	4,551	566	11.1	983	31	221	291	440
20 to 24 years .....	1,027	80.5	881	696	185	21.0	219	6	154	20	69
25 to 54 years .....	3,776	89.1	3,640	3,299	340	9.3	461	18	67	170	205
25 to 34 years .....	1,609	90.6	1,520	1,344	176	11.6	167	7	56	35	69
35 to 44 years .....	1,140	89.6	1,097	1,001	96	8.8	132	8	9	64	51
45 to 54 years .....	1,026	86.3	1,022	955	67	6.6	162	3	2	72	86
55 to 64 years .....	596	68.6	596	555	41	6.8	273	7	--	100	166
55 to 59 years .....	360	77.0	360	332	28	7.9	108	1	--	51	56
60 to 64 years .....	236	58.8	236	224	12	5.2	166	6	--	49	111
65 years and over .....	179	21.0	179	154	25	13.8	675	25	--	89	561

## A-3. Employment status of the noninstitutional population by sex, age, and color—Continued

[Numbers in thousands]

Sex, age, and color	November 1975										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALES</b>											
16 years and over .....	37,666	46.8	37,572	34,327	3,245	8.6	42,818	34,403	4,605	981	2,829
16 to 21 years .....	6,322	51.5	6,276	5,226	1,050	16.7	5,958	1,695	3,968	19	276
16 to 19 years .....	3,928	47.5	3,908	3,182	726	18.6	4,343	787	3,362	13	181
16 to 17 years .....	1,626	39.6	1,626	1,288	338	20.8	2,486	211	2,196	8	71
18 to 19 years .....	2,301	55.3	2,282	1,894	388	17.0	1,858	577	1,166	5	110
20 to 64 years .....	32,677	54.9	32,602	30,140	2,463	7.6	26,898	23,958	1,238	395	1,305
20 to 24 years .....	6,126	63.8	6,075	5,356	719	11.8	3,475	2,412	845	17	201
25 to 54 years .....	22,296	56.3	22,272	20,731	1,543	6.9	17,279	16,017	383	200	679
25 to 29 years .....	5,094	59.0	5,078	4,610	469	9.2	3,534	3,232	155	26	121
30 to 34 years .....	3,862	54.5	3,858	3,588	271	7.0	3,230	3,036	94	15	85
35 to 39 years .....	3,376	56.5	3,375	3,133	242	7.2	2,603	2,438	55	21	90
40 to 44 years .....	3,260	57.3	3,259	3,065	194	6.0	2,431	2,260	38	34	98
45 to 49 years .....	3,400	56.6	3,399	3,210	189	5.5	2,604	2,419	22	38	125
50 to 54 years .....	3,304	53.5	3,304	3,125	178	5.4	2,877	2,633	17	66	161
55 to 64 years .....	4,255	40.9	4,255	4,054	202	4.7	6,143	5,529	10	178	426
55 to 59 years .....	2,671	48.5	2,671	2,553	117	4.4	2,838	2,559	10	92	177
60 to 64 years .....	1,584	32.4	1,584	1,500	84	5.3	3,306	2,970	1	86	249
65 years and over .....	1,062	8.4	1,062	1,005	56	5.3	11,577	9,657	5	573	1,343
65 to 69 years .....	665	14.9	665	629	36	5.4	3,802	3,306	4	95	398
70 years and over .....	397	4.9	397	377	20	5.2	7,774	6,351	1	478	945
<b>White</b>											
16 years and over .....	32,768	46.4	32,690	30,099	2,591	7.9	37,819	30,857	3,727	781	2,454
16 to 21 years .....	5,593	53.7	5,554	4,748	806	14.5	4,831	1,382	3,230	15	205
16 to 19 years .....	3,511	50.1	3,494	2,933	562	16.1	3,497	629	2,724	9	134
16 to 17 years .....	1,475	42.5	1,475	1,212	263	17.9	1,998	167	1,775	4	52
18 to 19 years .....	2,036	57.6	2,019	1,721	298	14.8	1,498	462	949	5	82
20 to 64 years .....	28,326	54.4	28,265	26,292	1,973	7.0	23,743	21,337	998	297	1,110
20 to 24 years .....	5,340	65.2	5,299	4,758	541	10.2	2,856	1,997	688	16	155
25 to 54 years .....	19,162	55.6	19,142	17,891	1,251	6.5	15,333	14,312	301	146	574
25 to 34 years .....	7,607	56.0	7,591	7,020	571	7.5	5,983	5,592	196	29	166
35 to 44 years .....	5,666	56.1	5,663	5,301	363	6.4	4,439	4,168	70	41	161
45 to 54 years .....	5,889	54.5	5,888	5,570	318	5.4	4,910	4,552	35	77	246
55 to 64 years .....	3,824	40.8	3,824	3,643	181	4.7	5,554	5,029	9	135	381
55 to 59 years .....	2,401	48.4	2,401	2,297	104	4.3	2,563	2,334	8	68	154
60 to 64 years .....	1,423	32.2	1,423	1,346	77	5.4	2,991	2,695	1	67	228
65 years and over .....	931	8.1	931	875	56	6.0	10,580	8,891	5	475	1,210
<b>Negro and other races</b>											
16 years and over .....	4,898	49.5	4,882	4,228	654	13.4	4,999	3,545	879	200	375
16 to 21 years .....	729	39.3	721	478	244	33.8	1,127	314	738	4	71
16 to 19 years .....	416	33.0	413	249	164	39.7	847	158	639	3	47
16 to 17 years .....	151	23.7	151	77	74	49.3	487	44	421	4	19
18 to 19 years .....	265	42.5	262	173	90	34.1	359	114	218	--	28
20 to 64 years .....	4,351	58.0	4,338	3,848	490	11.3	3,155	2,621	240	98	195
20 to 24 years .....	785	55.9	776	598	178	23.0	619	416	157	--	46
25 to 54 years .....	3,134	61.7	3,130	2,840	290	9.3	1,947	1,706	82	54	104
25 to 34 years .....	1,349	63.3	1,346	1,177	169	12.5	781	676	53	13	39
35 to 44 years .....	970	62.0	970	897	73	7.5	595	530	24	14	26
45 to 54 years .....	815	58.8	815	766	49	6.0	571	500	5	27	39
55 to 64 years .....	432	42.3	432	411	21	4.8	589	500	1	43	45
55 to 59 years .....	270	49.6	270	256	14	5.1	274	225	1	24	24
60 to 64 years .....	162	33.9	162	154	7	4.4	315	275	--	19	21
65 years and over .....	130	11.6	130	130	--	.3	997	766	--	98	133

HOUSEHOLD DATA

A-4. Labor force by sex, age, and color

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
<b>MALES</b>								
16 years and over	57,197	57,276	78.6	77.4	55,059	55,215	78.0	76.8
16 to 19 years	4,913	4,757	58.8	56.3	4,548	4,409	56.9	54.4
16 to 17 years	1,975	1,860	46.6	43.9	1,933	1,826	46.1	43.5
18 to 19 years	2,938	2,897	71.4	68.8	2,614	2,582	69.0	66.2
20 to 24 years	8,103	8,026	86.4	83.4	7,272	7,251	85.1	81.9
25 to 54 years	35,304	35,699	94.9	94.5	34,364	34,764	94.8	94.3
25 to 34 years	14,248	14,649	96.4	95.4	13,646	14,050	96.2	95.2
35 to 44 years	10,582	10,578	95.9	95.5	10,283	10,280	95.7	95.4
45 to 54 years	10,473	10,473	92.1	92.3	10,434	10,434	92.0	92.2
55 to 64 years	6,988	6,949	76.5	74.9	6,986	6,947	76.5	74.9
55 to 59 years	4,173	4,196	85.3	83.9	4,172	4,194	85.3	83.9
60 to 64 years	2,815	2,753	66.3	64.5	2,815	2,753	66.3	64.4
65 years and over	1,888	1,845	21.8	20.8	1,888	1,845	21.8	20.8
<b>White</b>								
16 years and over	51,183	51,202	79.3	78.2	49,381	49,481	78.7	77.6
16 to 19 years	4,351	4,261	60.9	59.1	4,051	3,970	59.2	57.4
16 to 17 years	1,771	1,723	49.0	47.9	1,735	1,693	48.5	47.4
18 to 19 years	2,580	2,538	72.9	70.3	2,316	2,277	70.8	68.0
20 to 24 years	7,084	6,999	86.8	83.8	6,394	6,370	85.6	82.5
25 to 54 years	31,631	31,924	95.6	95.1	30,821	31,124	95.5	95.0
25 to 34 years	12,683	13,040	96.8	96.0	12,166	12,530	96.7	95.8
35 to 44 years	9,449	9,437	96.5	96.2	9,192	9,183	96.5	96.1
45 to 54 years	9,499	9,447	93.1	93.0	9,463	9,411	93.0	92.9
55 to 64 years	6,409	6,353	77.4	75.6	6,408	6,351	77.4	75.6
55 to 59 years	3,837	3,835	86.3	84.6	3,835	3,834	86.3	84.6
60 to 64 years	2,573	2,517	67.0	65.0	2,573	2,517	67.0	65.0
65 years and over	1,708	1,666	21.8	20.8	1,708	1,666	21.8	20.8
<b>Negro and other races</b>								
16 years and over	6,014	6,074	73.4	71.7	5,678	5,735	72.2	70.5
16 to 19 years	563	497	46.7	40.0	497	439	43.7	37.1
16 to 17 years	204	138	32.7	21.6	198	134	32.0	21.1
18 to 19 years	358	359	61.9	59.5	299	305	57.5	55.5
20 to 24 years	1,019	1,027	83.8	80.5	878	881	81.7	78.0
25 to 54 years	3,673	3,776	89.5	89.1	3,543	3,640	89.1	88.8
25 to 34 years	1,565	1,609	93.1	90.6	1,480	1,520	92.7	90.1
35 to 44 years	1,133	1,140	90.4	89.6	1,092	1,097	90.1	89.3
45 to 54 years	975	1,026	83.3	86.3	971	1,022	83.3	86.3
55 to 64 years	579	596	68.0	68.6	579	596	68.0	68.5
55 to 59 years	337	360	75.6	77.0	337	360	75.6	77.0
60 to 64 years	242	236	59.6	58.8	242	236	59.6	58.8
65 years and over	180	179	22.0	21.0	180	179	22.0	21.0

## A-4. Labor force by sex, age, and color—Continued

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
<b>FEMALES</b>								
16 years and over . . . . .	36,625	37,666	46.3	46.8	36,550	37,572	46.3	46.7
16 to 19 years . . . . .	3,963	3,928	48.5	47.5	3,945	3,908	48.4	47.4
16 to 17 years . . . . .	1,643	1,626	40.0	39.6	1,643	1,626	40.0	39.5
18 to 19 years . . . . .	2,320	2,301	57.1	55.3	2,303	2,282	56.9	55.1
20 to 24 years . . . . .	6,021	6,126	64.2	63.8	5,981	6,075	64.1	63.6
25 to 54 years . . . . .	21,595	22,296	55.4	56.3	21,577	22,272	55.4	56.3
25 to 34 years . . . . .	8,344	8,956	55.1	57.0	8,330	8,937	55.1	56.9
35 to 44 years . . . . .	6,517	6,636	56.1	56.9	6,513	6,633	56.1	56.9
45 to 54 years . . . . .	6,733	6,704	55.0	55.0	6,732	6,702	55.0	55.0
55 to 64 years . . . . .	4,063	4,255	39.6	40.9	4,063	4,255	39.6	40.9
55 to 59 years . . . . .	2,462	2,671	45.7	48.5	2,462	2,671	45.7	48.5
60 to 64 years . . . . .	1,600	1,584	32.9	32.4	1,600	1,584	32.9	32.4
65 years and over . . . . .	984	1,062	8.0	8.4	984	1,062	8.0	8.4
<b>White</b>								
16 years and over . . . . .	31,952	32,768	46.0	46.4	31,889	32,690	45.9	46.4
16 to 19 years . . . . .	3,590	3,511	51.7	50.1	3,576	3,494	51.6	50.0
16 to 17 years . . . . .	1,524	1,475	43.7	42.5	1,523	1,475	43.7	42.5
18 to 19 years . . . . .	2,066	2,036	59.7	57.6	2,053	2,019	59.5	57.4
20 to 24 years . . . . .	5,260	5,340	65.6	65.2	5,228	5,299	65.4	65.0
25 to 54 years . . . . .	18,572	19,162	54.5	55.6	18,557	19,142	54.5	55.5
25 to 34 years . . . . .	7,089	7,607	54.0	56.0	7,077	7,591	54.0	55.9
35 to 44 years . . . . .	5,546	5,666	55.0	56.1	5,543	5,663	55.0	56.1
45 to 54 years . . . . .	5,938	5,889	54.6	54.5	5,937	5,888	54.6	54.5
55 to 64 years . . . . .	3,655	3,824	39.5	40.8	3,655	3,824	39.5	40.8
55 to 59 years . . . . .	2,223	2,401	45.6	48.4	2,223	2,401	45.6	48.4
60 to 64 years . . . . .	1,432	1,423	32.6	32.2	1,432	1,423	32.6	32.2
65 years and over . . . . .	874	931	7.8	8.1	874	931	7.8	8.1
<b>Negro and other races</b>								
16 years and over . . . . .	4,673	4,898	48.9	49.5	4,661	4,882	48.8	49.4
16 to 19 years . . . . .	373	416	30.4	33.0	370	413	30.2	32.8
16 to 17 years . . . . .	120	151	19.1	23.7	119	151	19.1	23.6
18 to 19 years . . . . .	253	265	42.0	42.5	250	262	41.8	42.2
20 to 24 years . . . . .	760	785	56.5	55.9	753	776	56.3	55.6
25 to 54 years . . . . .	3,022	3,134	61.5	61.7	3,020	3,130	61.5	61.7
25 to 34 years . . . . .	1,256	1,349	62.3	63.3	1,254	1,346	62.3	63.3
35 to 44 years . . . . .	971	970	63.2	62.0	971	970	63.1	62.0
45 to 54 years . . . . .	795	815	58.3	58.8	795	815	58.3	58.8
55 to 64 years . . . . .	408	432	40.9	42.3	408	432	40.9	42.3
55 to 59 years . . . . .	240	270	46.2	49.6	240	270	46.2	49.6
60 to 64 years . . . . .	168	162	35.1	33.9	168	162	35.1	33.9
65 years and over . . . . .	110	130	10.2	11.6	110	130	10.2	11.6

**A-5. Employment status of the noninstitutional population by sex, age, and color**

[Numbers in thousands]

Employment status and color	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
<b>TOTAL</b>								
Total noninstitutional population	151,812	154,476	64,374	65,542	70,915	72,213	16,524	16,720
Total labor force	93,822	94,943	52,284	52,519	32,662	33,739	8,876	8,685
Percent of population	61.8	61.5	81.2	80.1	46.1	46.7	53.7	51.9
Civilian labor force	91,609	92,787	50,511	50,807	32,605	33,664	8,493	8,316
Employed	85,924	85,556	48,411	47,678	30,533	31,145	6,980	6,734
Agriculture	3,224	3,156	2,415	2,362	439	454	371	340
Nonagricultural industries	82,700	82,400	45,996	45,315	30,094	30,691	6,609	6,394
Unemployed	5,685	7,231	2,100	3,129	2,072	2,519	1,513	1,582
Percent of labor force	6.2	7.8	4.2	6.2	6.4	7.5	17.8	19.0
Not in labor force	57,991	59,533	12,090	13,023	38,253	38,475	7,648	8,035
<b>White</b>								
Total noninstitutional population	134,054	136,102	57,382	58,306	62,578	63,580	14,093	14,216
Total labor force	83,135	83,970	46,832	46,941	28,362	29,257	7,941	7,772
Percent of population	62.0	61.7	81.6	80.5	45.3	46.0	56.3	54.7
Civilian labor force	81,271	82,171	45,331	45,511	28,314	29,196	7,627	7,464
Employed	76,718	76,317	43,615	42,972	26,661	27,167	6,441	6,178
Agriculture	2,950	2,882	2,188	2,147	413	420	349	315
Nonagricultural industries	73,769	73,435	41,427	40,825	26,249	26,747	6,093	5,863
Unemployed	4,552	5,854	1,715	2,539	1,652	2,029	1,186	1,286
Percent of labor force	5.6	7.1	3.8	5.6	5.8	6.9	15.6	17.2
Not in labor force	50,918	52,132	10,550	11,365	34,216	34,323	6,152	6,444
<b>Negro and other races</b>								
Total noninstitutional population	17,759	18,374	6,992	7,235	8,337	8,633	2,431	2,505
Total labor force	10,686	10,972	5,451	5,578	4,300	4,481	935	913
Percent of population	60.2	59.7	78.0	77.1	51.6	51.9	38.5	36.5
Civilian labor force	10,339	10,616	5,181	5,296	4,291	4,468	867	852
Employed	9,206	9,239	4,796	4,705	3,871	3,978	539	556
Agriculture	275	274	227	215	26	34	22	25
Nonagricultural industries	8,931	8,965	4,569	4,490	3,846	3,944	517	530
Unemployed	1,133	1,377	385	591	420	490	328	296
Percent of labor force	11.0	13.0	7.4	11.2	9.8	11.0	37.8	34.8
Not in labor force	7,072	7,401	1,540	1,658	4,037	4,152	1,496	1,592

**A-6. Employment status of the noninstitutional population 16-21 years of age by color and sex**

[Numbers in thousands]

Employment status	November 1975								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	24,815	12,535	12,280	21,152	10,728	10,424	3,664	1,807	1,856
Total labor force	14,257	7,935	6,322	12,606	7,013	5,593	1,652	922	729
Percent of population	57.5	63.3	51.5	59.6	65.4	53.7	45.1	51.0	39.3
Civilian labor force	13,474	7,199	6,276	11,963	6,409	5,554	1,512	790	721
Employed	11,133	5,908	5,226	10,085	5,337	4,748	1,048	571	478
Agriculture	493	439	53	451	405	46	42	35	7
Nonagricultural industries	10,640	5,468	5,172	9,634	4,932	4,702	1,006	536	470
Unemployed	2,341	1,291	1,050	1,878	1,072	806	463	220	244
Percent of labor force	17.4	17.9	16.7	15.7	16.7	14.5	30.7	27.8	33.8
Looking for full-time work	1,442	835	606	1,130	683	448	311	153	159
Looking for part-time work	900	456	444	748	389	359	152	67	85
Not in labor force	10,558	4,600	5,958	8,546	3,715	4,831	2,012	885	1,127
<b>MAJOR ACTIVITY: GOING TO SCHOOL</b>									
Civilian labor force	4,185	2,194	1,991	3,832	2,034	1,798	353	160	193
Employed	3,349	1,740	1,608	3,136	1,635	1,500	213	105	108
Agriculture	165	150	15	157	144	13	8	5	3
Nonagricultural industries	3,184	1,591	1,593	2,979	1,491	1,488	205	100	105
Unemployed	836	453	383	696	399	297	140	55	85
Percent of labor force	20.0	20.7	19.2	18.2	19.6	16.5	39.6	34.2	44.0
Looking for full-time work	69	44	26	53	35	17	17	8	8
Looking for part-time work	766	409	357	643	363	280	123	46	77
Not in labor force	8,116	4,147	3,968	6,607	3,377	3,230	1,509	770	738
<b>MAJOR ACTIVITY: OTHER</b>									
Civilian labor force	9,290	5,005	4,285	8,131	4,375	3,756	1,159	630	528
Employed	7,784	4,167	3,617	6,949	3,702	3,248	835	465	370
Agriculture	328	290	38	294	261	33	34	29	5
Nonagricultural industries	7,456	3,877	3,579	6,655	3,441	3,214	801	436	365
Unemployed	1,506	838	668	1,182	673	509	324	165	159
Percent of labor force	16.2	16.7	15.6	14.5	15.4	13.5	27.9	26.2	30.0
Looking for full-time work	1,372	792	580	1,078	647	430	295	144	150
Looking for part-time work	133	46	87	104	25	79	29	21	8
Not in labor force	2,443	453	1,990	1,939	338	1,601	503	115	389



## A-7. Full- and part-time status of the civilian labor force by color, sex and age

(Numbers in thousands)

Color, sex, and age	November 1975								
	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>									
Both sexes, 16 years and over .....	78,364	69,387	3,272	5,705	7.3	14,423	12,897	1,526	10.6
16 to 21 years .....	8,025	5,871	712	1,442	18.0	5,450	4,550	900	16.5
16 to 19 years .....	3,879	2,654	443	782	20.2	4,437	3,637	800	18.0
16 to 17 years .....	623	333	118	172	27.6	2,829	2,292	537	19.0
18 to 19 years .....	3,256	2,321	325	610	18.7	1,608	1,345	263	16.4
20 years and over .....	74,486	66,733	2,830	4,923	6.6	9,985	9,260	725	7.3
20 to 24 years .....	11,337	9,261	628	1,448	12.8	1,989	1,762	226	11.4
25 years and over .....	63,149	57,472	2,202	3,475	5.5	7,996	7,498	499	6.2
25 to 54 years .....	51,688	47,014	1,709	2,964	5.7	5,348	4,995	354	6.6
55 years and over .....	11,461	10,457	492	511	4.5	2,649	2,503	146	5.5
Males, 16 years and over .....	50,364	45,375	1,664	3,325	6.6	4,852	4,190	661	13.6
16 to 21 years .....	4,546	3,358	353	835	18.4	2,652	2,197	456	17.2
16 to 19 years .....	2,220	1,547	218	455	20.5	2,188	1,786	402	18.4
20 years and over .....	48,143	43,827	1,446	2,870	6.0	2,663	2,404	259	9.7
20 to 24 years .....	6,405	5,231	337	838	13.1	846	728	118	13.9
25 years and over .....	41,738	38,596	1,109	2,032	4.9	1,817	1,676	141	7.8
25 to 54 years .....	34,109	31,547	857	1,706	5.0	654	585	70	10.7
55 years and over .....	7,628	7,050	252	326	4.3	1,164	1,092	71	6.1
Females, 16 years and over .....	28,001	24,012	1,608	2,380	8.5	9,571	8,706	865	9.0
16 to 21 years .....	3,478	2,513	359	606	17.4	2,798	2,353	444	15.9
16 to 19 years .....	1,658	1,107	224	327	19.7	2,249	1,851	398	17.7
20 years and over .....	26,342	22,905	1,384	2,053	7.8	7,322	6,856	466	6.4
20 to 24 years .....	4,931	4,031	291	610	12.4	1,143	1,034	109	9.5
25 years and over .....	21,411	18,874	1,093	1,443	6.7	6,179	5,822	357	5.8
25 to 54 years .....	17,578	15,467	852	1,259	7.2	4,694	4,410	284	6.1
55 years and over .....	3,832	3,407	241	184	4.8	1,485	1,411	73	4.9
<b>White</b>									
Males, 16 years and over .....	45,105	41,062	1,332	2,710	6.0	4,376	3,823	553	12.6
16 to 21 years .....	3,990	3,028	279	683	17.1	2,418	2,029	389	16.1
16 to 19 years .....	1,959	1,414	173	372	19.0	2,011	1,658	353	17.5
20 years and over .....	43,146	39,648	1,160	2,338	5.4	2,365	2,165	200	8.5
20 to 24 years .....	5,624	4,663	273	687	12.2	746	663	83	11.1
25 years and over .....	37,522	34,985	887	1,651	4.4	1,619	1,502	117	7.2
25 to 54 years .....	30,560	28,486	693	1,380	4.5	564	509	55	9.8
55 years and over .....	6,962	6,498	193	271	3.9	1,055	993	62	5.9
Females, 16 years and over .....	24,019	20,875	1,262	1,882	7.8	8,671	7,963	709	8.2
16 to 21 years .....	3,005	2,256	301	448	14.9	2,549	2,190	359	14.1
16 to 19 years .....	1,438	1,006	192	240	16.7	2,056	1,734	322	15.6
20 years and over .....	22,581	19,868	1,070	1,642	7.3	6,615	6,228	387	5.9
20 to 24 years .....	4,267	3,574	240	453	10.6	1,032	944	88	8.5
25 years and over .....	18,314	16,294	830	1,189	6.5	5,583	5,284	299	5.4
25 to 54 years .....	14,857	13,201	642	1,014	6.8	4,285	4,048	237	5.5
55 years and over .....	3,456	3,093	188	174	5.0	1,298	1,236	62	4.8
<b>Negro and other races</b>									
Males, 16 years and over .....	5,259	4,312	332	615	11.7	476	367	108	22.8
16 to 21 years .....	556	330	73	153	27.4	234	167	67	28.6
16 to 19 years .....	262	133	46	83	31.7	177	128	49	27.9
20 years and over .....	4,997	4,180	286	532	10.6	299	240	59	19.7
20 to 24 years .....	782	568	64	151	19.3	99	65	35	34.9
25 years and over .....	4,215	3,612	222	381	9.0	200	175	24	12.0
25 to 54 years .....	3,550	3,061	164	325	9.2	90	76	14	15.6
55 years and over .....	667	552	59	56	8.4	108	100	10	9.3
Females, 16 years and over .....	3,982	3,138	346	498	12.5	900	744	156	17.3
16 to 21 years .....	473	257	58	159	33.5	248	163	85	34.3
16 to 19 years .....	220	101	32	87	39.6	193	117	77	39.7
20 years and over .....	3,762	3,037	314	411	10.9	707	627	79	11.2
20 to 24 years .....	664	457	51	157	23.7	111	91	21	18.7
25 years and over .....	3,098	2,580	263	254	8.2	596	536	58	9.7
25 to 54 years .....	2,721	2,266	211	243	8.9	409	362	47	11.5
55 years and over .....	376	314	52	10	2.7	186	175	13	7.0

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

## A-8. Unemployed persons by sex and age

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
Total, 16 years and over .....	2,917	3,986	5.3	7.2	2,768	3,245	7.6	8.6
16 to 19 years .....	817	857	18.0	19.4	696	726	17.6	18.6
16 to 17 years .....	400	372	20.7	20.4	327	338	19.9	20.8
18 to 19 years .....	416	485	15.9	18.8	370	388	16.0	17.0
20 years and over .....	2,100	3,129	4.2	6.2	2,072	2,519	6.4	7.5
20 to 24 years .....	704	955	9.7	13.2	562	719	9.4	11.8
25 years and over .....	1,396	2,174	3.2	5.0	1,510	1,800	5.7	6.5
25 to 34 years .....	587	879	4.3	6.3	630	739	7.6	8.3
35 to 44 years .....	295	455	2.9	4.4	357	436	5.5	6.6
45 to 54 years .....	274	443	2.6	4.2	332	367	4.9	5.5
55 to 64 years .....	171	290	2.4	4.2	152	202	3.7	4.7
55 to 59 years .....	106	157	2.5	3.8	89	117	3.6	4.4
60 to 64 years .....	65	132	2.3	4.8	63	84	3.9	5.3
65 years and over .....	69	108	3.7	5.9	38	56	3.9	5.3
Household heads, 16 years and over .....	1,432	2,146	3.2	4.8	517	650	6.5	7.7
16 to 24 years .....	284	352	6.6	8.6	88	143	8.2	7.4
25 to 54 years .....	922	1,422	2.9	4.4	333	389	7.0	7.7
55 years and over .....	226	371	2.6	4.3	97	117	4.5	5.4

## A-9. Unemployed persons by marital status, sex, age, and color

Marital status, sex, age, and color	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
Total, 16 years and over .....	2,917	3,986	5.3	7.2	2,768	3,245	7.6	8.6
Married, spouse present .....	1,197	1,758	3.0	4.4	1,345	1,558	6.3	7.1
Widowed, divorced, or separated .....	229	421	6.4	11.4	523	615	7.8	9.0
Single (never married) .....	1,491	1,807	13.0	15.5	900	1,073	10.7	12.1
White, 16 years and over .....	2,354	3,263	4.8	6.6	2,199	2,591	6.9	7.9
Married, spouse present .....	1,029	1,529	2.8	4.2	1,130	1,343	5.9	6.8
Widowed, divorced, or separated .....	151	304	5.2	10.4	381	471	7.1	8.6
Single (never married) .....	1,174	1,430	11.8	14.1	688	776	9.4	10.2
Negro and other races, 16 years and over .....	563	723	9.9	12.6	569	654	12.2	13.4
Married, spouse present .....	168	229	4.8	6.6	214	215	9.6	9.4
Widowed, divorced, or separated .....	78	117	11.6	15.2	143	143	10.5	10.7
Single (never married) .....	317	377	21.4	25.6	212	296	19.8	23.7
Total, 20 to 64 years of age .....	2,031	3,021	4.2	6.2	2,034	2,463	6.4	7.6
Married, spouse present .....	1,118	1,653	2.9	4.3	1,230	1,430	6.0	6.8
Widowed, divorced, or separated .....	202	386	6.1	11.2	478	560	7.9	9.1
Single (never married) .....	710	983	10.0	13.3	327	473	6.7	8.8
White, 20 to 64 years of age .....	1,659	2,456	3.8	5.6	1,617	1,973	5.9	7.0
Married, spouse present .....	963	1,436	2.8	4.1	1,039	1,233	5.6	6.5
Widowed, divorced, or separated .....	133	280	5.0	10.2	339	417	7.1	8.5
Single (never married) .....	563	739	9.2	11.6	239	323	5.8	7.2
Negro and other races, 20 to 64 years of age .....	371	566	7.4	11.1	417	490	10.0	11.3
Married, spouse present .....	156	217	4.6	6.5	190	197	8.9	9.0
Widowed, divorced, or separated .....	68	105	10.9	12.9	138	143	10.7	11.4
Single (never married) .....	147	244	14.7	23.4	88	150	11.7	16.7

## A-10. Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
Total	5,685	7,231	6.2	7.8	5.3	7.2	7.6	8.6
White-collar workers	1,609	2,044	3.7	4.6	2.5	3.3	4.8	5.8
Professional and technical	288	423	2.2	3.1	2.1	2.8	2.4	3.6
Managers and administrators, except farm	216	282	2.4	3.0	1.9	2.4	4.3	5.1
Sales workers	270	328	4.7	5.8	3.5	4.7	6.3	7.2
Clerical workers	835	1,011	5.2	6.2	3.7	5.0	5.6	6.6
Blue-collar workers	2,437	3,191	7.6	10.2	6.6	9.4	12.2	13.6
Craft and kindred workers	564	865	4.7	7.3	4.6	7.1	7.1	10.7
Carpenters and other construction craft	296	427	8.0	11.4	8.0	11.3	(1)	(1)
All other	268	438	3.2	5.4	2.9	5.0	7.4	9.8
Operatives, except transport	1,151	1,350	9.9	12.0	7.8	10.3	13.1	14.5
Transport equipment operatives	211	303	6.0	8.5	6.0	8.8	5.4	4.4
Nonfarm laborers	512	673	10.7	14.4	10.6	14.6	12.5	13.0
Construction laborers	153	204	16.2	22.9	15.6	22.9	(1)	(1)
All other	359	469	9.4	12.4	9.2	12.4	11.0	12.3
Service workers	848	1,106	6.9	8.6	7.1	8.7	6.8	8.5
Private household	58	72	4.8	5.9	(1)	(1)	4.8	5.6
All other	790	1,034	7.2	8.9	7.1	8.7	7.2	9.0
Farm workers	94	126	3.3	4.4	3.0	3.8	4.8	8.1
No previous work experience	697	764	--	--	--	--	--	--
16 to 19 years	535	571	--	--	--	--	--	--
20 to 24 years	83	125	--	--	--	--	--	--
25 years and over	79	68	--	--	--	--	--	--

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

## A-11. Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
Total	100.0	100.0	6.2	7.8	5.3	7.2	7.6	8.6
Nonagricultural private wage and salary workers	75.3	77.3	6.4	8.4	5.7	7.9	7.5	9.1
Mining	.5	.2	3.8	2.6	4.2	2.6	(1)	2.4
Construction	9.3	9.2	11.8	15.3	11.8	15.9	11.2	6.1
Manufacturing	26.3	27.0	6.9	9.3	5.0	8.0	11.2	12.3
Durable goods	15.0	16.6	6.6	9.6	5.2	8.6	11.2	12.9
Lumber and wood products	1.1	1.1	10.0	14.0	8.5	13.9	18.6	14.7
Furniture and fixtures	.9	.8	9.6	9.6	6.9	8.4	15.2	12.8
Stone, clay, and glass products	.9	.8	7.4	8.4	5.9	8.3	13.2	8.9
Primary metal industries	1.3	2.0	5.2	10.8	5.5	10.2	2.5	15.5
Fabricated metal products	2.0	2.0	7.2	9.3	6.6	8.1	9.4	14.2
Machinery, except electrical equipment	1.9	2.8	4.3	8.4	2.8	7.2	11.9	14.9
Electrical equipment	2.9	3.0	7.6	10.0	4.4	8.7	12.3	12.1
Transportation equipment	2.5	2.6	6.6	9.2	6.2	8.5	9.3	13.1
Automobiles	1.6	1.3	7.3	8.4	7.1	8.7	9.2	6.4
Other transportation equipment	.9	1.3	5.7	10.1	5.1	8.3	9.3	19.9
Instruments and related products	.3	.4	2.9	3.6	4.6	3.6	4.5	9.8
Other durable goods industries	1.2	1.1	9.4	11.4	5.3	9.7	13.4	13.5
Nondurable goods	11.3	10.4	7.4	8.9	4.8	6.9	11.2	11.8
Food and kindred products	2.7	2.9	8.4	11.4	6.5	8.6	13.1	18.3
Textile mill products	1.7	1.4	10.5	11.3	7.0	9.2	14.2	13.2
Apparel and other textile products	2.6	2.4	10.7	12.1	6.7	14.8	11.8	11.4
Paper and allied products	.7	.6	5.3	7.2	2.8	5.8	15.1	12.3
Printing and publishing	.8	.9	3.4	5.5	2.7	5.9	4.3	4.8
Chemicals and allied products	1.1	.8	5.2	4.9	3.0	4.5	11.3	6.2
Rubber and plastics products	1.0	.9	7.6	10.8	5.8	6.6	10.4	18.2
Other nondurable goods industries	.9	.5	7.5	6.0	4.3	2.2	12.4	11.3
Transportation and public utilities	2.8	3.0	3.3	4.3	3.2	4.2	3.7	4.9
Railroads and railway express	.1	.1	1.0	1.5	1.0	1.5	(1)	(1)
Other transportation	1.7	2.3	4.4	7.1	5.1	6.7	1.0	8.5
Communication and other public utilities	1.0	.6	2.8	1.7	1.6	1.7	5.5	2.7
Wholesale and retail trade	19.4	20.3	6.6	8.6	5.7	6.9	7.8	10.6
Finance, insurance, and real estate	3.0	2.7	3.9	4.6	2.9	4.2	4.7	4.8
Service industries	14.0	14.8	5.7	7.4	5.6	7.6	5.8	7.3
Professional services	5.7	6.3	4.1	5.5	2.9	4.9	4.7	5.8
All other service industries	8.4	8.5	7.7	10.0	8.0	10.1	7.5	9.9
Agricultural wage and salary workers	2.3	2.3	9.1	12.2	8.8	11.1	10.6	17.6
All other classes of workers	10.1	9.9	2.5	3.0	2.1	2.8	3.1	3.2
No previous work experience	12.3	10.6	--	--	--	--	--	--

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

A-12. Unemployed persons by reason for unemployment, sex and age, and color

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
<b>UNEMPLOYMENT LEVEL</b>												
Total unemployed, in thousands	5,685	7,231	2,100	3,129	2,072	2,519	1,513	1,582	4,552	5,854	1,133	1,376
Job losers	2,576	3,810	1,434	2,218	821	1,193	322	399	2,106	3,102	470	708
Job leavers	777	886	249	331	327	407	201	148	653	773	123	113
Reentrants	1,642	1,774	383	499	798	807	461	467	1,289	1,388	352	385
New entrants	691	761	34	81	126	112	531	568	504	591	187	170
Total unemployed, percent distribution	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	45.3	52.7	68.2	70.9	39.6	47.4	21.2	25.2	46.2	53.0	41.5	51.5
Job leavers	13.7	12.3	11.8	10.6	15.8	16.2	13.3	9.4	14.3	13.2	10.9	8.2
Reentrants	28.9	24.5	18.3	15.9	38.5	32.0	30.4	29.5	28.3	23.7	31.1	28.0
New entrants	12.2	10.5	1.6	2.6	6.1	4.4	35.1	35.9	11.1	10.1	16.5	12.4
<b>UNEMPLOYMENT RATE</b>												
Total unemployment rate	6.2	7.8	4.2	6.2	6.4	7.5	17.8	19.0	5.6	7.1	11.0	13.0
Job loser rate <sup>1</sup>	2.9	4.1	2.9	4.3	2.6	3.6	3.8	4.8	2.6	3.8	4.6	6.7
Job leaver rate <sup>1</sup>	.8	1.0	.5	.7	1.0	1.2	2.4	1.8	.8	.9	1.2	1.1
Reentrant rate <sup>1</sup>	1.8	1.9	.8	1.0	2.4	2.4	5.4	5.6	1.6	1.7	3.4	3.6
New entrant rate <sup>1</sup>	.8	.8	.1	.2	.4	.3	6.2	6.8	.6	.7	1.8	1.6

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

A-13. Unemployed persons by reason for unemployment, duration, sex, and age

(Percent distribution)

Reason, sex, and age	November 1975						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over	15 to 26 weeks	27 weeks and over
Total, 16 years and over	7,231	100.0	36.0	30.8	33.2	13.0	20.2
Job losers	3,810	100.0	29.8	28.0	42.1	14.3	27.8
Job leavers	886	100.0	40.2	32.8	27.1	11.2	15.9
Reentrants	1,774	100.0	44.8	34.2	21.0	10.9	10.2
New entrants	761	100.0	41.3	35.0	23.8	13.4	10.4
Males, 20 years and over	3,129	100.0	30.9	28.9	40.2	12.5	27.7
Job losers	2,218	100.0	28.1	27.8	44.1	12.8	31.3
Job leavers	331	100.0	34.2	33.6	32.1	10.9	21.2
Reentrants	499	100.0	42.7	29.1	28.3	11.4	16.8
New entrants	81	100.0	18.5	42.0	39.5	17.3	22.2
Females, 20 years and over	2,519	100.0	36.2	29.5	34.3	15.4	18.9
Job losers	1,193	100.0	27.3	25.9	46.8	19.1	27.7
Job leavers	407	100.0	39.0	32.6	28.4	12.5	15.9
Reentrants	807	100.0	47.0	32.7	20.3	11.4	8.9
New entrants	112	100.0	44.6	33.0	22.3	14.3	8.0
Both sexes, 16 to 19 years	1,582	100.0	45.5	36.8	17.7	10.2	7.5
Job losers	399	100.0	46.8	35.8	17.5	8.3	9.3
Job leavers	148	100.0	56.0	32.0	12.0	8.0	4.0
Reentrants	467	100.0	43.2	42.3	14.5	9.4	5.1
New entrants	568	100.0	43.8	34.3	21.8	12.9	9.0

## A-14. Unemployed jobseekers by the jobsearch methods used, sex, age, and color

Sex, age, and color	November 1975								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
<b>Total, 16 years and over</b> .....	7,231	5,977	27.7	5.7	73.9	29.3	14.6	5.0	1.56
16 to 19 years .....	1,582	1,478	15.5	2.4	81.0	22.6	13.5	2.5	1.38
20 to 24 years .....	1,674	1,403	34.8	5.6	75.6	33.4	15.7	3.8	1.69
25 to 34 years .....	1,618	1,261	33.3	7.2	68.7	31.9	14.5	6.6	1.62
35 to 44 years .....	890	693	30.2	9.7	73.6	28.9	12.4	5.6	1.60
45 to 54 years .....	810	619	27.1	5.5	70.1	30.9	14.1	7.3	1.55
55 to 64 years .....	491	387	31.5	7.5	70.0	29.7	19.1	7.2	1.65
65 years and over .....	164	135	16.3	3.0	58.5	29.6	19.3	11.1	1.38
<b>Males, 16 years and over</b> .....	3,986	3,166	29.4	6.1	74.2	28.8	17.0	6.3	1.62
16 to 19 years .....	857	782	17.4	2.3	81.6	21.5	14.3	3.2	1.40
20 to 24 years .....	955	763	35.9	5.5	76.1	34.2	18.9	3.3	1.74
25 to 34 years .....	879	639	33.6	9.2	69.8	33.5	18.3	7.2	1.72
35 to 44 years .....	455	325	37.2	10.5	74.5	27.4	14.8	8.0	1.72
45 to 54 years .....	443	334	27.2	5.4	67.4	26.3	16.5	11.4	1.54
55 to 64 years .....	290	229	34.5	10.0	70.3	29.3	21.8	10.9	1.77
65 years and over .....	108	94	13.8	--	60.6	25.5	12.8	16.0	1.29
<b>Females, 16 years and over</b> .....	3,245	2,811	25.9	5.2	73.5	29.8	11.9	3.6	1.50
16 to 19 years .....	726	696	13.5	2.4	80.3	23.9	12.5	1.7	1.34
20 to 24 years .....	719	640	33.4	5.6	74.8	32.3	11.7	4.4	1.62
25 to 34 years .....	739	622	33.0	5.1	67.4	30.2	10.6	5.9	1.52
35 to 44 years .....	436	368	23.6	9.0	72.8	30.2	10.3	3.8	1.50
45 to 54 years .....	367	286	26.9	5.9	73.1	36.4	10.8	2.4	1.56
55 to 64 years .....	202	158	27.2	3.8	69.6	29.7	15.8	2.5	1.49
65 years and over .....	56	41	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>White</b> .....	5,854	4,792	25.5	5.6	74.7	31.2	14.3	5.1	1.56
<b>Males</b> .....	3,263	2,576	27.7	5.7	74.9	30.9	17.0	6.3	1.63
<b>Females</b> .....	2,591	2,215	23.0	5.5	74.6	31.6	11.2	3.6	1.50
<b>Negro and other races</b> .....	1,377	1,185	36.8	5.8	70.5	21.4	15.8	4.8	1.55
<b>Males</b> .....	723	589	36.8	7.5	71.5	19.7	17.1	5.9	1.59
<b>Females</b> .....	654	596	36.7	4.0	69.6	23.2	14.6	3.7	1.52

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

waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or

## A-15. Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment

Sex and reason	November 1975								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
<b>Total, 16 years and over</b> .....	7,231	5,977	27.7	5.7	73.9	29.3	14.6	5.0	1.56
Job losers .....	3,810	2,655	36.0	7.3	71.5	30.5	18.0	5.8	1.69
Job leavers .....	886	893	29.3	7.5	74.7	31.7	10.9	3.9	1.58
Reentrants .....	1,774	1,669	19.4	3.9	73.0	30.6	11.2	5.3	1.43
New entrants .....	761	761	15.4	1.4	83.3	19.3	14.6	2.9	1.37
<b>Males, 16 years and over</b> .....	3,986	3,166	29.4	6.1	74.2	28.8	17.0	6.3	1.62
Job losers .....	2,478	1,706	35.6	7.1	72.5	30.6	19.3	7.4	1.73
Job leavers .....	409	418	27.8	7.9	75.8	31.1	10.8	3.6	1.57
Reentrants .....	757	700	20.4	4.4	73.9	26.1	15.6	7.0	1.47
New entrants .....	342	341	18.5	2.3	82.1	22.6	16.7	2.6	1.45
<b>Females, 16 years and over</b> .....	3,245	2,811	25.9	5.2	73.5	29.8	11.9	3.6	1.50
Job losers .....	1,332	948	36.8	7.8	69.9	30.4	15.8	3.0	1.64
Job leavers .....	477	475	30.7	7.4	73.5	32.2	10.9	4.2	1.59
Reentrants .....	1,016	967	18.5	3.5	72.5	33.9	8.2	4.1	1.41
New entrants .....	419	420	12.9	.7	84.3	16.7	12.9	3.1	1.31

NOTE: See note, table A-14.

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

Duration of unemployment	Total				Household heads			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
Total .....	5,685	7,231	100.0	100.0	1,950	2,795	100.0	100.0
Less than 5 weeks .....	2,936	2,601	51.6	36.0	947	925	48.6	33.1
5 to 14 weeks .....	1,800	2,230	31.7	30.8	615	776	31.5	27.8
5 to 10 weeks .....	1,298	1,612	22.8	22.3	441	570	22.6	20.4
11 to 14 weeks .....	502	618	8.8	8.5	174	206	8.9	7.4
15 weeks and over .....	949	2,400	16.7	33.2	388	1,094	19.9	39.1
15 to 26 weeks .....	576	940	10.1	13.0	196	355	10.1	12.7
27 weeks and over .....	373	1,460	66.6	20.2	192	740	9.8	26.5
Average (mean) duration .....	9.4	16.2	--	--	9.4	18.9	--	--

## A-17. Unemployed persons by duration, sex, age, color, and marital status

Sex, age, color, and marital status	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
	November 1975									
Total, 16 years and over .....	7,231	2,601	2,230	940	1,460	16.2	51.6	36.0	16.7	33.2
16 to 21 years .....	2,341	988	849	265	239	11.6	55.7	42.2	12.9	21.5
16 to 19 years .....	1,582	721	582	161	118	10.1	56.2	45.6	12.3	17.6
20 to 24 years .....	1,674	637	520	220	297	14.9	52.9	38.1	14.6	30.9
25 to 34 years .....	1,618	523	484	222	389	17.7	52.6	32.3	16.5	37.8
35 to 44 years .....	890	285	261	125	220	18.1	49.3	32.0	17.4	38.7
45 to 54 years .....	810	258	208	122	222	20.0	46.3	31.9	21.3	42.4
55 to 64 years .....	491	144	124	72	151	22.6	42.9	29.3	30.7	45.4
65 years and over .....	164	32	51	17	64	25.8	33.4	19.5	33.3	49.4
Males, 16 years and over .....	3,986	1,362	1,207	488	928	17.5	49.3	34.2	18.0	35.5
16 to 21 years .....	1,291	527	471	153	140	12.0	53.3	40.8	12.8	22.7
16 to 19 years .....	857	396	302	96	63	10.2	53.6	46.2	12.8	18.5
20 to 24 years .....	955	332	288	130	204	16.5	49.5	34.8	13.3	35.0
25 to 34 years .....	879	256	276	104	243	19.2	49.7	29.1	19.0	39.4
35 to 44 years .....	455	131	131	54	138	20.4	48.1	28.9	21.8	42.4
45 to 54 years .....	443	132	106	68	136	21.4	46.8	29.9	22.5	46.2
55 to 64 years .....	290	93	69	28	100	24.0	40.6	32.1	36.6	44.0
65 years and over .....	108	21	35	8	44	26.0	(1)	19.9	(1)	48.1
Females, 16 years and over .....	3,245	1,239	1,023	452	532	14.6	54.1	38.2	15.3	30.3
16 to 21 years .....	1,050	461	378	112	99	11.2	58.7	43.9	13.1	20.1
16 to 19 years .....	726	325	280	65	56	10.1	59.1	44.8	11.8	16.6
20 to 24 years .....	719	305	232	89	92	12.7	57.2	42.5	16.1	25.3
25 to 34 years .....	739	267	208	118	146	15.8	55.4	36.1	14.1	35.8
35 to 44 years .....	436	154	130	71	81	15.8	50.3	35.3	13.8	34.9
45 to 54 years .....	367	126	102	54	85	18.2	45.8	34.3	20.3	37.9
55 to 64 years .....	202	51	55	45	51	20.7	45.6	25.4	24.0	47.5
65 years and over .....	56	11	17	9	20	25.3	(1)	(1)	(1)	(1)
White .....	5,854	2,125	1,834	763	1,131	15.8	53.5	36.3	15.2	32.4
Males .....	3,263	1,142	1,013	392	716	16.9	50.8	35.0	16.4	33.9
Females .....	2,591	983	821	371	415	14.4	56.4	37.9	13.8	30.4
Negro and other races .....	1,377	475	396	177	329	17.9	44.2	34.5	22.9	36.7
Males .....	723	220	194	96	213	20.3	43.2	30.4	24.8	42.7
Females .....	654	256	201	80	117	15.2	45.2	39.1	20.9	30.1
Males:										
Married, spouse present .....	1,758	582	479	216	481	19.0	49.1	33.1	20.5	39.7
Widowed, divorced, or separated .....	421	91	145	52	133	21.7	44.6	21.7	27.9	43.8
Single (never married) .....	1,807	689	583	221	314	15.2	50.1	38.1	14.5	29.6
Females:										
Married, spouse present .....	1,558	571	474	218	294	15.2	56.6	36.7	14.6	32.9
Widowed, divorced, or separated .....	615	219	187	91	118	16.2	48.6	35.6	16.0	34.0
Single (never married) .....	1,073	449	362	142	120	12.7	53.7	41.8	15.9	24.4

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

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

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
	November 1975									
<b>OCCUPATION</b>										
White collar workers	2,044	706	609	323	406	16.4	47.6	34.5	20.0	35.7
Professional and managerial	705	226	218	89	170	18.2	42.9	32.1	22.6	36.9
Sales workers	328	120	103	52	53	14.0	47.3	36.5	18.8	32.1
Clerical workers	1,011	360	287	182	182	15.9	50.6	35.6	18.9	36.0
Blue collar workers	3,191	1,150	892	346	803	17.7	52.9	36.0	14.7	36.0
Craft and kindred workers	865	319	247	98	201	16.9	51.0	36.9	15.9	34.6
Operatives, except transport	1,350	444	381	156	369	19.0	53.0	32.9	13.8	38.9
Transport equipment operatives	303	109	85	40	70	16.5	53.2	35.8	16.5	36.2
Nonfarm laborers	673	279	179	52	163	16.9	54.5	41.4	14.5	32.0
Service workers	1,106	369	412	154	170	15.0	54.1	33.4	16.7	29.4
<b>INDUSTRY<sup>1</sup></b>										
Agriculture	163	70	67	15	11	9.1	53.8	42.7	15.3	16.2
Construction	704	275	216	47	166	16.8	53.5	39.1	13.0	30.2
Manufacturing	1,956	625	493	246	591	20.2	53.6	32.0	16.4	42.8
Durable goods	1,201	335	292	161	413	22.3	49.8	27.9	17.5	47.8
Nondurable goods	754	290	201	85	178	16.7	58.7	38.4	14.9	34.9
Transportation and public utilities	242	75	62	36	69	18.2	50.0	30.8	24.3	43.5
Wholesale and retail trade	1,486	515	513	198	260	15.3	51.7	34.7	15.2	30.8
Finance and service industries	1,584	588	542	241	211	13.0	49.0	37.1	19.1	28.6
Public administration	167	55	39	39	34	19.3	37.7	32.9	23.5	43.8
No previous work experience	764	317	266	102	79	12.6	52.7	41.5	16.4	23.7

<sup>1</sup> Includes wage and salary workers only.**A-19. Employed persons by sex and age**

[In thousands]

Age and type of industry	Total		Males		Females	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
	All industries	85,924	85,556	52,142	51,229	33,782
16 to 19 years	6,980	6,734	3,731	3,552	3,249	3,182
16 to 17 years	2,849	2,743	1,533	1,455	1,316	1,288
18 to 19 years	4,131	3,991	2,198	2,097	1,933	1,894
20 to 24 years	11,987	11,652	6,568	6,296	5,419	5,356
25 to 54 years	53,463	53,718	33,207	32,988	20,256	20,730
25 to 34 years	20,759	21,369	13,059	13,172	7,700	8,197
35 to 44 years	16,144	16,023	9,988	9,825	6,156	6,197
45 to 54 years	16,560	16,326	10,160	9,991	6,400	6,336
55 to 64 years	10,726	10,711	6,815	6,657	3,911	4,054
55 to 59 years	6,439	6,590	4,066	4,037	2,373	2,553
60 to 64 years	4,287	4,121	2,749	2,621	1,538	1,500
65 years and over	2,765	2,742	1,819	1,737	946	1,005
Nonagricultural industries	82,699	82,400	49,410	48,557	33,289	33,843
16 to 19 years	6,609	6,394	3,414	3,242	3,195	3,152
16 to 17 years	2,634	2,556	1,358	1,289	1,277	1,267
18 to 19 years	3,975	3,838	2,056	1,953	1,919	1,885
20 to 24 years	11,673	11,322	6,293	6,019	5,380	5,302
25 to 54 years	51,850	52,127	31,899	31,684	19,950	20,442
25 to 34 years	20,308	20,850	12,681	12,744	7,627	8,105
35 to 44 years	15,623	15,568	9,592	9,458	6,030	6,110
45 to 54 years	15,919	15,709	9,626	9,482	6,293	6,227
55 to 64 years	10,154	10,155	6,310	6,175	3,844	3,981
55 to 59 years	6,136	6,312	3,803	3,793	2,333	2,520
60 to 64 years	4,018	3,843	2,507	2,382	1,511	1,461
65 years and over	2,414	2,402	1,494	1,437	920	966
Agriculture	3,225	3,156	2,732	2,673	493	484
16 to 19 years	371	340	317	310	54	30
16 to 17 years	214	187	175	166	39	22
18 to 19 years	157	153	142	145	15	8
20 to 24 years	314	330	275	277	39	53
25 to 54 years	1,616	1,590	1,310	1,303	306	287
25 to 34 years	452	519	379	427	73	92
35 to 44 years	522	454	396	367	126	87
45 to 54 years	642	617	535	509	107	108
55 to 64 years	572	556	505	483	67	73
55 to 59 years	303	278	263	244	40	34
60 to 64 years	269	278	242	239	27	39
65 years and over	351	340	325	300	26	40

## A-20. Employed persons by occupational group, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
	<b>TOTAL</b> .....	85,924	85,556	48,411	47,678	30,533	31,145	3,731	3,552	3,249
<b>White-collar workers</b> .....	42,265	42,807	20,630	20,598	19,325	20,017	604	576	1,707	1,616
Professional and technical .....	12,603	13,092	7,364	7,531	5,082	5,408	90	83	67	70
Health workers .....	2,163	2,251	762	813	1,381	1,415	5	6	16	16
Teachers, except college .....	3,104	3,258	962	943	2,116	2,291	13	2	14	22
Other professional and technical .....	7,336	7,583	5,640	5,775	1,585	1,702	72	75	37	32
Managers and administrators, except farm .....	8,883	9,175	7,179	7,252	1,625	1,861	55	37	24	25
Salaried workers .....	7,144	7,301	5,815	5,759	1,262	1,484	49	32	18	26
Self-employed workers in retail trade .....	920	929	687	677	226	251	4	2	3	--
Self-employed workers, except retail trade .....	819	945	677	816	137	126	2	3	3	--
Sales workers .....	5,466	5,343	2,923	2,753	1,949	1,945	230	226	365	419
Retail trade .....	3,100	3,006	976	885	1,583	1,554	192	176	349	390
Other industries .....	2,366	2,337	1,947	1,868	366	391	38	50	16	29
Clerical workers .....	15,313	15,197	3,164	3,063	10,669	10,803	228	229	1,251	1,102
Stenographers, typists, and secretaries .....	4,443	4,364	65	72	3,945	3,936	7	5	426	352
Other clerical workers .....	10,870	10,833	3,099	2,991	6,724	6,867	221	224	825	750
<b>Blue-collar workers</b> .....	29,469	28,216	22,148	21,350	4,755	4,630	2,176	1,921	390	316
Craft and kindred workers .....	11,490	11,038	10,538	10,203	513	481	402	328	38	26
Carpenters .....	1,040	1,021	981	975	6	7	53	39	--	--
Construction craft, except carpenters .....	2,386	2,311	2,261	2,208	13	19	107	85	5	--
Mechanics and repairers .....	2,962	2,862	2,808	2,705	26	28	127	127	--	3
Metal craft .....	1,227	1,159	1,169	1,106	21	24	36	26	2	3
Blue-collar worker supervisors, not elsewhere classified .....	1,421	1,389	1,294	1,278	118	107	9	1	--	2
All other .....	2,296	2,296	2,024	1,931	327	298	70	49	33	18
Operatives, except transport .....	10,416	9,912	5,659	5,479	3,778	3,644	700	590	280	199
Durable goods manufacturing .....	4,706	4,326	2,991	2,806	1,361	1,287	251	172	103	61
Nondurable goods manufacturing .....	3,288	3,174	1,301	1,215	1,764	1,770	111	82	111	107
Other industries .....	2,422	2,412	1,367	1,458	653	587	338	336	66	31
Transport equipment operatives .....	3,312	3,272	2,929	2,879	171	199	198	174	14	20
Drivers, motor vehicles .....	2,781	2,792	2,445	2,443	167	192	156	142	13	16
All other .....	531	481	483	436	4	7	42	33	2	4
Nonfarm laborers .....	4,251	3,994	3,023	2,788	294	306	876	828	58	71
Construction .....	790	685	657	541	3	14	129	129	--	2
Manufacturing .....	1,058	967	841	731	116	117	94	98	6	20
Other industries .....	2,403	2,342	1,524	1,516	174	175	653	601	51	49
<b>Service workers</b> .....	11,392	11,807	3,497	3,634	6,093	6,157	682	785	1,121	1,231
Private household workers .....	1,144	1,166	5	13	885	856	10	12	245	285
Service workers, except private household .....	10,248	10,641	3,492	3,621	5,208	5,301	672	773	876	946
Food service workers .....	3,653	3,703	690	672	1,995	1,952	388	453	580	627
Protective service workers .....	1,292	1,315	1,166	1,195	85	97	37	20	3	3
All other .....	5,303	5,623	1,636	1,754	3,128	3,252	247	300	293	316
<b>Farm workers</b> .....	2,797	2,727	2,135	2,096	361	342	269	270	32	19
Farmers and farm managers .....	1,520	1,554	1,433	1,440	73	98	13	13	--	3
Farm laborers and supervisors .....	1,277	1,173	702	657	288	243	256	257	32	16
Paid workers .....	979	887	670	622	101	79	189	178	19	9
Unpaid family workers .....	298	286	32	35	187	164	67	79	13	7



## A-21. Employed persons by major occupational group, sex, and color

[Percent distribution]

Occupational group and color	Total		Males		Females	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
<b>TOTAL</b>						
Total employed (thousands) . . . . .	85,924	85,556	52,142	51,229	33,782	34,327
Percent . . . . .	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	49.2	50.0	40.7	41.3	62.3	63.0
Professional and technical . . . . .	14.7	15.3	14.3	14.9	15.2	16.0
Managers and administrators, except farm . . . . .	10.3	10.7	13.9	14.2	4.9	5.5
Sales workers . . . . .	6.4	6.2	6.0	5.8	6.8	6.9
Clerical workers . . . . .	17.8	17.8	6.5	6.4	35.3	34.7
Blue-collar workers . . . . .	34.3	33.0	46.7	45.4	15.2	14.4
Craft and kindred workers . . . . .	13.4	12.9	21.0	20.6	1.6	1.5
Operatives, except transport . . . . .	12.1	11.6	12.2	11.8	12.0	11.2
Transport equipment operatives . . . . .	3.9	3.8	6.0	6.0	.5	.6
Nonfarm laborers . . . . .	4.9	4.7	7.5	7.1	1.0	1.1
Service workers . . . . .	13.3	13.8	8.0	8.6	21.4	21.5
Private household workers . . . . .	1.3	1.4	(1)	(1)	3.3	3.3
Other service workers . . . . .	11.9	12.4	8.0	8.6	18.0	18.2
Farm workers . . . . .	3.3	3.2	4.6	4.6	1.2	1.1
Farmers and farm managers . . . . .	1.8	1.8	2.8	2.8	.2	.3
Farm laborers and supervisors . . . . .	1.5	1.4	1.8	1.8	.9	.8
<b>White</b>						
Total employed (thousands) . . . . .	76,717	76,317	47,027	46,218	29,690	30,099
Percent . . . . .	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	51.2	51.9	42.5	42.9	64.9	65.7
Professional and technical . . . . .	15.2	15.8	14.8	15.4	15.7	16.3
Managers and administrators, except farm . . . . .	11.1	11.4	14.8	15.1	5.3	5.8
Sales workers . . . . .	6.9	6.7	6.5	6.2	7.4	7.5
Clerical workers . . . . .	18.1	18.0	6.4	6.2	36.6	36.0
Blue-collar workers . . . . .	33.7	32.5	45.6	44.6	14.7	13.9
Craft and kindred workers . . . . .	13.8	13.5	21.5	21.2	1.7	1.6
Operatives, except transport . . . . .	11.7	11.2	11.8	11.5	11.5	10.6
Transport equipment operatives . . . . .	3.7	3.6	5.6	5.6	.6	.6
Nonfarm laborers . . . . .	4.5	4.2	6.6	6.3	1.0	1.1
Service workers . . . . .	11.8	12.4	7.2	7.8	19.1	19.4
Private household workers . . . . .	.9	1.0	(1)	(1)	2.4	2.4
Other service workers . . . . .	10.9	11.4	7.2	7.8	16.8	17.0
Farm workers . . . . .	3.3	3.3	4.7	4.7	1.2	1.1
Farmers and farm managers . . . . .	1.9	2.0	3.0	3.1	.2	.3
Farm laborers and supervisors . . . . .	1.4	1.3	1.7	1.6	1.0	.8
<b>Negro and other races</b>						
Total employed (thousands) . . . . .	9,206	9,239	5,115	5,011	4,091	4,228
Percent . . . . .	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	32.7	34.9	24.3	27.1	43.1	44.3
Professional and technical . . . . .	10.6	11.6	9.4	9.9	12.2	13.6
Managers and administrators, except farm . . . . .	4.1	4.9	5.6	6.5	2.2	3.0
Sales workers . . . . .	2.2	2.5	1.7	2.3	2.9	2.6
Clerical workers . . . . .	15.7	16.0	7.7	8.4	25.8	25.0
Blue-collar workers . . . . .	39.6	37.1	56.1	53.4	19.0	18.1
Craft and kindred workers . . . . .	9.4	8.3	15.9	14.6	1.3	.9
Operatives, except transport . . . . .	15.8	15.1	15.6	14.9	16.0	15.4
Transport equipment operatives . . . . .	5.4	5.4	9.5	9.5	.3	.6
Nonfarm laborers . . . . .	9.0	8.3	15.2	14.3	1.3	1.3
Service workers . . . . .	25.2	25.4	15.4	15.8	37.4	36.9
Private household workers . . . . .	4.6	4.7	.1	.2	10.3	10.1
Other service workers . . . . .	20.6	20.7	15.4	15.6	27.1	26.8
Farm workers . . . . .	2.5	2.4	4.0	3.7	.5	.8
Farmers and farm managers . . . . .	.6	.4	1.1	.7	--	--
Farm laborers and supervisors . . . . .	1.9	2.0	3.0	3.0	.5	.8

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

## A-22. Employed persons by class of worker, age, and sex

[In thousands]

Age and sex	November 1975								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over . . . . .	75,961	1,302	14,826	59,834	5,929	510	1,177	1,671	308
16 to 19 years . . . . .	6,248	341	511	5,396	114	32	227	24	89
16 to 17 years . . . . .	2,489	269	166	2,053	54	13	116	8	64
18 to 19 years . . . . .	3,759	72	344	3,343	60	19	112	16	25
20 to 24 years . . . . .	11,015	81	1,686	9,248	283	24	225	76	29
25 to 34 years . . . . .	19,524	138	4,219	15,167	1,229	96	223	256	41
35 to 44 years . . . . .	14,226	140	3,160	10,926	1,237	105	141	268	45
45 to 54 years . . . . .	14,124	213	3,093	10,817	1,427	159	162	400	55
55 to 64 years . . . . .	8,960	224	1,864	6,873	1,119	76	147	378	31
55 to 59 years . . . . .	5,623	117	1,184	4,322	639	50	71	195	12
60 to 64 years . . . . .	3,337	107	680	2,551	480	26	76	183	19
65 years and over . . . . .	1,864	166	292	1,406	521	17	53	268	19
<b>Males, 16 years and over . . . . .</b>	<b>44,182</b>	<b>137</b>	<b>7,599</b>	<b>36,445</b>	<b>4,320</b>	<b>55</b>	<b>1,004</b>	<b>1,553</b>	<b>116</b>
16 to 19 years . . . . .	3,153	56	199	2,897	64	25	211	20	80
16 to 17 years . . . . .	1,248	37	72	1,139	32	9	105	4	56
18 to 19 years . . . . .	1,904	19	127	1,758	32	16	105	15	24
20 to 24 years . . . . .	5,817	9	690	5,118	194	8	188	74	14
25 to 34 years . . . . .	11,898	12	2,175	9,711	846	1	189	233	5
35 to 44 years . . . . .	8,512	12	1,640	6,860	944	2	114	250	4
45 to 54 years . . . . .	8,391	17	1,678	6,696	1,082	9	132	376	1
55 to 64 years . . . . .	5,335	8	1,038	4,289	832	8	127	351	4
55 to 59 years . . . . .	3,314	1	645	2,667	478	1	63	181	--
60 to 64 years . . . . .	2,021	7	393	1,621	354	7	64	170	5
65 years and over . . . . .	1,076	23	179	874	359	2	43	250	7
<b>Females, 16 years and over . . . . .</b>	<b>31,780</b>	<b>1,164</b>	<b>7,226</b>	<b>23,389</b>	<b>1,609</b>	<b>455</b>	<b>174</b>	<b>118</b>	<b>192</b>
16 to 19 years . . . . .	3,095	284	312	2,499	50	7	17	4	9
16 to 17 years . . . . .	1,240	232	94	914	22	4	10	3	8
18 to 19 years . . . . .	1,855	53	217	1,585	28	3	7	1	1
20 to 24 years . . . . .	5,198	72	996	4,130	89	16	37	2	14
25 to 34 years . . . . .	7,626	126	2,044	5,456	384	95	34	23	35
35 to 44 years . . . . .	5,714	128	1,520	4,066	293	104	27	19	41
45 to 54 years . . . . .	5,733	196	1,416	4,121	344	150	30	24	54
55 to 64 years . . . . .	3,626	215	826	2,584	287	68	20	27	26
55 to 59 years . . . . .	2,309	115	539	1,655	161	50	8	13	13
60 to 64 years . . . . .	1,316	100	287	930	126	19	12	13	14
65 years and over . . . . .	788	143	113	532	162	15	10	18	12

## A-23. Employed persons with a job but not at work by reason, pay status, and sex

[In thousands]

Reason not working	All industries		Nonagricultural industries					
			Total		Wage and salary workers <sup>1</sup>			
					Paid absences <sup>2</sup>		Unpaid absences <sup>2</sup>	
	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975	Nov. 1974	Nov. 1975
Total	3,397	3,279	3,247	3,136	1,366	1,327	1,451	1,466
Vacation	1,018	1,014	996	964	726	718	151	179
Illness	1,366	1,354	1,318	1,313	537	504	657	721
Bad weather	90	50	51	39	--	--	--	--
Industrial dispute	172	82	172	82	--	--	--	--
All other reasons	753	780	710	739	102	106	643	566
Males	2,132	2,013	1,995	1,884	963	903	745	751
Vacation	705	710	685	661	541	509	67	99
Illness	827	841	783	805	361	333	347	410
All other reasons <sup>3</sup>	600	462	527	418	61	61	331	242
Females	1,265	1,266	1,252	1,252	403	424	706	714
Vacation	313	304	311	303	186	207	84	80
Illness	539	512	535	508	176	171	310	310
All other reasons <sup>3</sup>	413	450	406	441	42	45	312	324

<sup>1</sup> Excludes private household.<sup>3</sup> Includes bad weather and industrial dispute, not shown separately.<sup>2</sup> Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

## A-24. Persons at work by type of industry and hours of work

Hours of work	November 1975					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	82,277	79,264	3,014	100.0	100.0	100.0
1-4 hours	21,818	20,926	892	26.5	26.4	29.6
5-14 hours	828	797	31	1.0	1.0	1.0
15-29 hours	4,171	3,937	234	5.1	5.0	7.8
30-34 hours	10,119	9,645	474	12.3	12.2	15.7
35 hours and over	6,700	6,547	153	8.1	8.3	5.1
35 hours and over	60,460	58,338	2,122	73.5	73.6	70.4
35-39 hours	5,725	5,597	129	7.0	7.1	4.3
40 hours	33,069	32,633	436	40.2	41.2	14.5
41 hours and over	21,666	20,108	1,557	26.3	25.4	51.7
41 to 48 hours	8,593	8,307	286	10.4	10.5	9.5
49 to 59 hours	7,332	6,969	363	8.9	8.8	12.0
60 hours and over	5,741	4,832	908	7.0	6.1	30.1
Average hours, total at work	38.4	38.1	44.6	--	--	--
Average hours, workers on full-time schedules	42.9	42.6	53.2	--	--	--

## A-25. Persons at work 1 - 34 hours by usual status and reason working less than 35 hours

(In thousands)

Reasons working less than 35 hours	November 1975					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	21,818	7,757	14,061	20,927	7,473	13,454
Economic reasons	3,273	1,460	1,818	3,033	1,324	1,709
Slack work	1,841	1,218	623	1,646	1,080	566
Material shortages or repairs to plant and equipment	49	49	--	49	49	--
New job started during week	115	115	--	115	115	--
Job terminated during week	77	77	--	77	77	--
Could find only part-time work	1,190	--	1,190	1,142	--	1,142
Other reasons	18,546	6,298	12,248	17,894	6,149	11,746
Does not want, or unavailable for, full-time work	10,088	--	10,088	9,696	--	9,696
Vacation	656	656	--	641	641	--
Illness	1,698	1,463	235	1,644	1,443	201
Bad weather	359	359	--	310	310	--
Industrial dispute	19	19	--	19	19	--
Legal or religious holiday	2,424	2,424	--	2,417	2,417	--
Full time for this job	1,326	--	1,326	1,289	--	1,289
All other reasons	1,976	1,377	599	1,879	1,319	560
Average hours:						
Economic reasons	21.1	23.5	19.1	21.2	23.7	19.2
Other reasons	21.3	27.5	18.1	21.4	27.6	18.2
Worked 30 to 34 hours:						
Economic reasons	908	559	349	864	533	331
Other reasons	5,792	3,924	1,868	5,683	3,877	1,806

## A-26. Nonagricultural workers by industry and full- or part-time status

Industry	November 1975								Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	Percent distribution						
				Total	40 hours or less	41 to 48 hours	49 hours or more			
Total <sup>1</sup>	100.0	3.8	14.8	81.4	56.0	10.5	14.9	38.1	42.6	
Wage and salary workers	100.0	3.7	14.5	81.9	58.2	10.6	13.1	37.8	42.0	
Construction	100.0	7.2	4.8	88.0	66.9	9.8	11.3	38.2	40.8	
Manufacturing	100.0	2.9	3.2	93.9	68.3	14.0	11.6	40.5	41.7	
Durable goods	100.0	2.0	2.0	95.9	70.6	14.0	11.3	41.0	41.7	
Nondurable goods	100.0	4.2	4.9	90.9	64.9	14.0	12.0	39.9	41.8	
Transportation and public utilities	100.0	3.0	6.5	90.4	63.8	10.5	16.1	40.5	42.6	
Wholesale and retail trade	100.0	4.7	25.3	69.9	43.7	11.8	14.4	36.3	43.4	
Finance, insurance, and real estate	100.0	1.7	10.7	87.6	65.2	8.7	13.7	38.3	40.9	
Service industries	100.0	4.0	23.1	72.9	52.2	7.7	12.9	35.3	42.0	
Private households	100.0	15.7	57.6	26.8	18.3	3.1	5.4	21.1	44.7	
All other industries	100.0	3.3	20.9	75.8	54.3	8.0	13.4	36.2	41.9	
Public administration	100.0	1.1	5.6	93.2	73.8	7.9	11.4	39.3	40.9	
Self-employed workers	100.0	5.6	17.5	76.8	30.1	9.7	37.1	42.2	49.8	
Unpaid family workers	100.0	4.1	36.3	59.6	27.5	5.3	26.9	38.4	49.4	

<sup>1</sup> Includes mining not shown separately.

**A-27. Persons at work in nonagricultural industries by full- or part-time status, sex and age, color, and marital status**

[Numbers in thousands]

Sex and age, color and marital status	November 1975							
	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, 16 years and over</b> .....	79,264	3,033	11,746	64,485	44,377	20,108	38.1	42.6
16 to 21 years .....	10,367	669	4,241	5,457	4,180	1,277	29.4	40.6
16 to 19 years .....	6,245	418	3,384	2,443	1,920	523	25.7	40.0
16 to 17 years .....	2,499	108	2,101	290	256	34	17.8	37.0
18 to 19 years .....	3,746	710	1,283	2,153	1,664	489	30.9	40.4
20 years and over .....	73,019	2,614	8,361	62,044	42,458	19,586	39.2	42.7
20 to 24 years .....	10,969	594	1,652	8,723	6,376	2,347	36.9	41.4
25 years and over .....	62,050	2,020	6,709	53,321	36,082	17,239	39.6	42.9
25 to 44 years .....	35,118	1,130	3,321	30,667	20,406	10,261	40.2	43.1
45 to 64 years .....	24,694	797	2,360	21,537	14,908	6,629	39.8	42.6
65 years and over .....	2,237	94	1,028	1,115	768	347	29.4	42.6
<b>Males, 16 years and over</b> .....	46,672	1,465	3,609	41,598	25,679	15,919	41.2	43.9
16 to 21 years .....	5,335	316	1,988	3,031	2,104	927	31.1	41.7
16 to 19 years .....	3,173	194	1,610	1,369	985	384	27.3	40.9
16 to 17 years .....	1,259	63	1,032	164	134	30	19.1	38.1
18 to 19 years .....	1,914	131	578	1,205	849	356	32.8	41.3
20 years and over .....	43,500	1,271	1,999	40,230	24,697	15,533	42.2	44.0
20 to 24 years .....	5,839	313	675	4,851	3,142	1,709	38.9	42.9
25 years and over .....	37,661	958	1,324	35,379	21,555	13,824	42.7	44.2
25 to 44 years .....	21,457	552	359	20,546	12,169	8,377	43.5	44.5
45 to 64 years .....	14,866	355	394	14,117	8,902	5,215	42.7	43.9
65 years and over .....	1,337	50	571	716	483	233	30.6	42.6
<b>Females, 16 years and over</b> .....	32,591	1,568	8,137	22,886	18,697	4,189	33.8	40.1
16 to 21 years .....	5,032	353	2,253	2,426	2,077	349	27.5	39.2
16 to 19 years .....	3,072	224	1,774	1,074	936	138	24.0	38.8
16 to 17 years .....	1,240	45	1,069	126	122	4	16.6	35.6
18 to 19 years .....	1,833	180	705	948	814	134	28.9	39.2
20 years and over .....	29,519	1,344	6,362	21,813	17,762	4,051	34.8	40.2
20 to 24 years .....	5,130	280	978	3,872	3,234	638	34.7	39.6
25 years and over .....	24,389	1,064	5,384	17,941	14,528	3,413	34.8	40.3
25 to 44 years .....	13,661	576	2,962	10,123	8,237	1,886	34.8	40.2
45 to 64 years .....	9,828	442	1,966	7,420	6,006	1,414	35.5	40.4
65 years and over .....	900	44	457	399	286	113	27.6	42.6
<b>COLOR</b>								
White .....	70,678	2,419	10,725	57,534	38,771	18,763	38.3	42.8
Males .....	42,105	1,184	3,279	37,642	22,705	14,937	41.4	44.1
Females .....	28,573	1,235	7,445	19,893	16,068	3,825	33.7	40.2
Negro and other races .....	8,586	613	1,021	6,952	5,607	1,345	36.9	41.2
Males .....	4,567	281	329	3,957	2,976	981	39.2	42.3
Females .....	4,018	333	691	2,994	2,630	364	34.4	39.7
<b>MARITAL STATUS</b>								
<b>Males:</b>								
Married, spouse present .....	34,803	812	1,127	32,864	19,774	13,090	42.9	44.3
Widowed, divorced, or separated .....	2,993	132	154	2,707	1,684	1,023	41.8	44.1
Single (never married) .....	8,877	520	2,328	6,029	4,222	1,807	34.3	42.2
<b>Females:</b>								
Married, spouse present .....	19,182	816	4,824	13,542	11,128	2,414	34.0	40.0
Widowed, divorced, or separated .....	5,899	352	877	4,670	3,712	958	36.2	40.6
Single (never married) .....	7,510	398	2,436	4,676	3,859	817	31.2	40.0

## A-27. Persons at work in nonagricultural industries by full- or part-time status, sex and age, color, and marital status—Continued

[Percent distribution]

Sex and age, color and marital status	November 1975					
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
<b>Total, 16 years and over</b> .....	100.0	3.8	14.8	81.4	56.0	25.4
16 to 21 years .....	100.0	6.5	40.9	52.6	40.3	12.3
16 to 19 years .....	100.0	6.7	54.2	39.1	30.7	8.4
16 to 17 years .....	100.0	4.3	84.1	11.6	10.2	1.4
18 to 19 years .....	100.0	8.3	34.2	57.5	44.4	13.1
<b>20 years and over</b> .....	100.0	3.6	11.5	85.0	58.1	26.8
20 to 24 years .....	100.0	5.4	15.1	79.5	58.1	21.4
25 years and over .....	100.0	3.3	10.8	85.9	58.1	27.8
25 to 44 years .....	100.0	3.2	9.5	87.3	58.1	29.2
45 to 64 years .....	100.0	3.2	9.6	87.2	60.4	26.8
65 years and over .....	100.0	4.2	46.0	49.8	34.3	15.5
<b>Males, 16 years and over</b> .....	100.0	3.1	7.7	89.1	55.0	34.1
16 to 21 years .....	100.0	5.9	37.3	56.8	39.4	17.4
16 to 19 years .....	100.0	6.1	50.7	43.1	31.0	12.1
16 to 17 years .....	100.0	5.0	82.0	13.0	10.6	2.4
18 to 19 years .....	100.0	6.8	30.2	63.0	44.4	18.6
<b>20 years and over</b> .....	100.0	2.9	4.6	92.5	56.8	35.7
20 to 24 years .....	100.0	5.4	11.6	83.1	53.8	29.3
25 years and over .....	100.0	2.5	3.5	93.9	57.2	36.7
25 to 44 years .....	100.0	2.6	1.7	95.8	56.7	39.0
45 to 64 years .....	100.0	2.4	2.7	95.0	59.9	35.1
65 years and over .....	100.0	3.7	42.7	53.6	36.1	17.4
<b>Females, 16 years and over</b> .....	100.0	4.8	25.0	70.2	57.4	12.9
16 to 21 years .....	100.0	7.0	44.8	48.2	41.3	6.9
16 to 19 years .....	100.0	7.3	57.7	35.0	30.5	4.5
16 to 17 years .....	100.0	3.6	86.2	10.2	9.8	.3
18 to 19 years .....	100.0	9.8	38.5	51.7	44.4	7.3
<b>20 years and over</b> .....	100.0	4.6	21.6	73.9	60.2	13.7
20 to 24 years .....	100.0	5.5	19.1	75.5	63.0	12.4
25 years and over .....	100.0	4.4	22.1	73.6	59.6	14.0
25 to 44 years .....	100.0	4.2	21.7	74.1	60.3	13.8
45 to 64 years .....	100.0	4.5	20.0	75.5	61.1	14.4
65 years and over .....	100.0	4.9	50.8	44.3	31.8	12.6
<b>COLOR</b>						
White .....	100.0	3.4	15.2	81.4	54.9	26.5
<b>Males</b> .....	100.0	2.8	7.8	89.4	53.9	35.5
<b>Females</b> .....	100.0	4.3	26.1	69.6	56.2	13.4
Negro and other races .....	100.0	7.1	11.9	81.0	65.3	15.7
<b>Males</b> .....	100.0	6.2	7.2	86.6	65.2	21.5
<b>Females</b> .....	100.0	8.3	17.2	74.5	65.5	9.1
<b>MARITAL STATUS</b>						
<b>Males:</b>						
Married, spouse present .....	100.0	2.3	3.2	94.4	56.8	37.6
Widowed, divorced, or separated .....	100.0	4.4	5.1	90.4	56.3	34.2
Single (never married) .....	100.0	5.9	26.2	68.0	47.6	20.4
<b>Females:</b>						
Married, spouse present .....	100.0	4.3	25.1	70.6	58.0	12.6
Widowed, divorced, or separated .....	100.0	6.0	14.9	79.2	62.9	16.2
Single (never married) .....	100.0	5.3	32.4	62.3	51.4	10.9

## A-28. Persons at work in nonfarm occupations by full- or part-time status and sex

[Numbers in thousands]

Occupational group and sex	November 1975								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
<b>TOTAL</b>									
White-collar workers	41,394	844	6,015	34,535	22,953	4,042	7,540	39.0	43.0
Professional and technical	12,706	210	1,540	10,956	7,027	1,331	2,598	39.8	43.3
Managers and administrators, except farm	8,856	101	389	8,366	3,993	1,199	3,174	45.6	47.1
Sales workers	5,151	182	1,339	3,630	2,157	472	1,001	36.4	44.1
Clerical workers	14,681	352	2,747	11,582	9,776	1,040	766	35.3	39.6
Blue-collar workers	26,932	1,443	1,936	23,553	16,579	3,519	3,455	39.3	42.1
Craft and kindred workers	10,525	419	378	9,728	6,542	1,574	1,612	40.8	42.5
Operatives, except transport	9,464	507	566	8,391	6,336	1,169	886	39.1	41.3
Transport equipment operatives	3,119	180	302	2,637	1,505	426	706	40.8	44.7
Nonfarm laborers	3,824	337	690	2,797	2,196	350	251	34.4	40.3
Service workers	11,347	790	3,868	6,689	5,001	780	908	32.2	42.2
Private household	1,143	151	682	310	215	34	61	21.4	44.2
Other service workers	10,204	638	3,186	6,380	4,787	746	847	33.4	42.1
<b>Males</b>									
White-collar workers	20,498	268	1,290	18,940	10,316	2,612	6,012	43.4	45.5
Professional and technical	7,392	80	474	6,838	4,065	838	1,935	42.6	44.6
Managers and administrators, except farm	7,051	70	178	6,803	2,977	1,009	2,817	46.9	47.9
Sales workers	2,892	52	332	2,508	1,229	401	878	42.0	45.8
Clerical workers	3,162	65	306	2,791	2,047	363	381	38.9	41.7
Blue-collar workers	22,197	1,067	1,396	19,734	13,403	3,086	3,245	40.0	42.5
Craft and kindred workers	10,049	396	297	9,356	6,259	1,514	1,583	41.0	42.6
Operatives, except transport	5,777	195	299	5,283	3,730	819	734	40.4	42.2
Transport equipment operatives	2,909	167	201	2,541	1,431	421	689	41.8	44.9
Nonfarm laborers	3,462	310	599	2,553	1,984	331	238	34.6	40.5
Service workers	4,267	165	954	3,148	2,078	457	613	36.9	43.7
Private household	25	3	12	10	7	--	3	21.4	37.2
Other service workers	4,242	161	942	3,139	2,071	457	611	37.0	43.8
<b>Females</b>									
White-collar workers	20,895	576	4,725	15,594	12,637	1,429	1,528	34.7	40.1
Professional and technical	5,314	130	1,066	4,118	2,963	492	663	35.9	41.2
Managers and administrators, except farm	1,804	31	211	1,562	1,016	190	356	40.5	43.7
Sales workers	2,259	130	1,007	1,122	927	71	124	29.2	40.2
Clerical workers	11,518	287	2,441	8,790	7,730	676	384	34.4	38.9
Blue-collar workers	4,735	375	540	3,820	3,177	434	209	36.2	39.8
Craft and kindred workers	476	23	81	372	285	59	28	35.8	40.5
Operatives, except transport	3,687	313	267	3,107	2,606	350	151	37.1	39.8
Transport equipment operatives	210	12	101	97	75	5	17	27.3	39.3
Nonfarm laborers	362	27	91	244	212	19	13	32.5	39.0
Service workers	7,081	626	2,913	3,542	2,924	323	295	29.3	40.7
Private household	1,118	148	670	300	207	34	59	21.5	44.4
Other service workers	5,963	477	2,244	3,242	2,717	289	236	30.8	40.4

## A-28. Persons at work in nonfarm occupations by full- or part-time status and sex—Continued

[Percent distribution]

Occupational group and sex	November 1975						
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			
				Total	40 hours or less	41 to 48 hours	49 hours or more
<b>TOTAL</b>							
White-collar workers . . . . .	100.0	2.0	14.5	83.5	55.5	9.8	18.2
Professional and technical . . . . .	100.0	1.7	12.1	86.2	55.3	10.5	20.4
Managers and administrators, except farm . . . . .	100.0	1.1	4.4	94.4	45.1	13.5	35.8
Sales workers . . . . .	100.0	3.5	26.0	70.5	41.9	9.2	19.4
Clerical workers . . . . .	100.0	2.4	18.7	78.9	66.6	7.1	5.2
Blue-collar workers . . . . .	100.0	5.4	7.2	87.5	61.6	13.1	12.8
Craft and kindred workers . . . . .	100.0	4.0	3.6	92.5	62.2	15.0	15.3
Operatives, except transport . . . . .	100.0	5.4	6.0	88.7	66.9	12.4	9.4
Transport equipment operatives . . . . .	100.0	5.8	9.7	84.6	48.3	13.7	22.6
Nonfarm laborers . . . . .	100.0	8.8	18.0	73.2	57.4	9.2	6.6
Service workers . . . . .	100.0	7.0	34.1	59.0	44.1	6.9	8.0
Private household . . . . .	100.0	13.2	59.7	27.1	18.8	3.0	5.3
Other service workers . . . . .	100.0	6.3	31.2	62.5	46.9	7.3	8.3
<b>Males</b>							
White-collar workers . . . . .	100.0	1.3	6.3	92.3	50.3	12.7	29.3
Professional and technical . . . . .	100.0	1.1	6.4	92.5	55.0	11.3	26.2
Managers and administrators, except farm . . . . .	100.0	1.0	2.5	96.5	42.2	14.3	40.0
Sales workers . . . . .	100.0	1.8	11.5	86.8	42.5	13.9	30.4
Clerical workers . . . . .	100.0	2.1	9.7	88.2	64.7	11.5	12.0
Blue-collar workers . . . . .	100.0	4.8	6.3	88.9	60.4	13.9	14.6
Craft and kindred workers . . . . .	100.0	3.9	3.0	93.2	62.3	15.1	15.8
Operatives, except transport . . . . .	100.0	3.4	5.2	91.5	64.6	14.2	12.7
Transport equipment operatives . . . . .	100.0	5.7	6.9	87.4	49.2	14.5	23.7
Nonfarm laborers . . . . .	100.0	9.0	17.3	73.8	57.3	9.6	6.9
Service workers . . . . .	100.0	3.9	22.4	73.8	48.7	10.7	14.4
Private household . . . . .	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers . . . . .	100.0	3.8	22.2	74.0	48.8	10.8	14.4
<b>Females</b>							
White-collar workers . . . . .	100.0	2.8	22.6	74.6	60.5	6.8	7.3
Professional and technical . . . . .	100.0	2.4	20.1	77.6	55.8	9.3	12.5
Managers and administrators, except farm . . . . .	100.0	1.7	11.7	86.5	56.3	10.5	19.7
Sales workers . . . . .	100.0	5.8	44.6	49.6	41.0	3.1	5.5
Clerical workers . . . . .	100.0	2.5	21.2	76.3	67.1	5.9	3.3
Blue collar workers . . . . .	100.0	7.9	11.4	80.7	67.1	9.2	4.4
Craft and kindred workers . . . . .	100.0	4.8	17.0	78.2	59.9	12.4	5.9
Operatives, except transport . . . . .	100.0	8.5	7.2	84.3	70.7	9.5	4.1
Transport equipment operatives . . . . .	100.0	5.7	48.1	46.2	35.7	2.4	8.1
Nonfarm laborers . . . . .	100.0	7.5	25.1	67.4	58.6	5.2	3.6
Service workers . . . . .	100.0	8.8	41.1	50.1	41.3	4.6	4.2
Private household . . . . .	100.0	13.2	59.9	26.8	18.5	3.0	5.3
Other service workers . . . . .	100.0	8.0	37.6	54.4	45.6	4.8	4.0

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



## A-29. Employment status of 14-15 year-olds by sex and color

[Numbers in thousands]

Employment status	November 1975								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population .....	8,453	4,301	4,152	7,144	3,645	3,499	1,309	656	653
Civilian labor force .....	1,308	706	602	1,208	650	557	101	56	45
Employed .....	1,139	601	538	1,078	575	504	61	27	34
Agriculture .....	96	84	12	92	82	11	4	2	2
Nonagricultural industries .....	1,043	518	525	986	493	493	57	24	33
Unemployed .....	169	104	65	129	76	54	40	29	11
Unemployment rate .....	12.9	14.7	10.8	10.7	11.7	9.7	39.6	(1)	(1)
Not in labor force .....	7,144	3,595	3,549	5,936	2,995	2,942	1,208	600	608
Keeping house .....	50	9	41	40	6	34	10	3	7
Going to school .....	6,992	3,529	3,463	5,817	2,941	2,875	1,175	587	288
Unable to work .....	3	3	--	3	3	--	1	1	--
All other reasons .....	99	54	45	76	44	32	23	10	13

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

## A-30. Employed 14-15 year-olds by sex, class of worker, and major occupational group

Characteristics	November 1975					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>CLASS OF WORKER</b>						
Total .....	1,139	601	538	100.0	100.0	100.0
Nonagricultural industries .....	1,043	518	525	91.6	86.0	97.8
Wage and salary workers .....	925	424	501	81.2	70.4	93.3
Private household workers .....	417	76	341	36.6	12.6	63.5
Government workers .....	37	21	17	3.2	3.5	3.2
Other wage and salary workers .....	470	327	143	41.3	54.3	26.6
Self-employed workers .....	107	84	23	9.4	14.0	4.3
Unpaid family workers .....	11	9	2	1.0	1.5	.4
Agriculture .....	96	84	12	8.4	14.0	2.2
Wage and salary workers .....	46	39	7	4.0	6.5	1.3
Self-employed workers .....	3	2	1	.3	.3	.2
Unpaid family workers .....	47	43	5	4.1	7.1	.9
<b>OCCUPATION</b>						
Total .....	1,139	601	538	100.0	100.0	100.0
White-collar workers .....	313	231	82	27.5	38.4	15.2
Professional and technical .....	9	5	4	.8	.8	.7
Managers and administrators, except farm .....	4	--	4	.4	--	.7
Sales workers .....	249	209	40	21.9	34.7	7.4
Clerical workers .....	51	17	34	4.5	2.8	6.3
Blue-collar workers .....	160	147	14	14.1	24.6	2.4
Craft and kindred workers .....	16	15	1	1.4	2.5	.2
Operatives, except transport .....	32	23	9	2.8	3.8	1.7
Transport equipment operatives .....	--	--	--	--	--	--
Nonfarm laborers .....	113	110	3	9.9	18.3	.6
Service workers .....	576	146	430	50.6	24.1	79.9
Private household workers .....	374	30	344	32.8	5.0	63.9
Other service workers .....	202	115	86	17.7	19.1	16.0
Farm workers .....	90	78	12	8.0	13.1	2.2
Farmers and farm managers .....	1	--	1	.1	--	.2
Farm laborers and supervisors .....	90	79	11	7.9	13.1	2.0

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-31. Employment status of the noninstitutional population by sex and age, seasonally adjusted**

[Numbers in thousands]

Employment status	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Total noninstitutional population <sup>1</sup> .....	151,812	152,020	152,230	152,445	152,646	152,840	153,051	153,278	153,585	153,824	154,052	154,256	154,476
Total labor force .....	93,921	94,015	94,284	93,709	94,027	94,457	95,121	94,518	95,102	95,331	95,361	95,607	95,134
Percent of total population .....	61.9	61.8	61.9	61.5	61.6	61.8	62.1	61.7	61.9	62.0	61.9	62.0	61.6
Civilian noninstitutional population <sup>1</sup> .....	149,600	149,809	150,037	150,246	150,447	150,645	150,870	151,100	151,399	151,639	151,882	152,09	152,320
Civilian labor force .....	91,708	91,803	92,091	91,511	91,829	92,262	92,940	92,340	92,916	93,146	93,191	93,443	92,979
Percent of civilian population .....	61.3	61.3	61.4	60.9	61.0	61.2	61.1	61.1	61.4	61.4	61.4	61.4	61.0
Employed .....	85,689	85,202	84,562	84,027	83,849	84,086	84,402	84,444	85,078	85,352	85,418	85,441	85,278
Percent of civilian population .....	57.3	56.9	56.4	55.9	55.7	55.8	55.9	55.9	56.2	56.3	56.2	56.2	56.0
Agriculture .....	3,375	3,339	3,383	3,326	3,265	3,238	3,512	3,304	3,450	3,468	3,546	3,422	3,292
Nonagricultural industries .....	82,314	81,863	81,179	80,701	80,584	80,848	80,890	81,140	81,628	81,884	81,872	82,019	81,986
Unemployed .....	6,019	6,601	7,529	7,484	7,980	8,176	8,538	7,896	7,838	7,794	7,773	8,002	7,701
Unemployment rate .....	6.6	7.2	8.2	8.2	8.7	8.9	9.2	8.6	8.4	8.4	8.3	8.6	8.3
Not in labor force .....	57,892	58,006	57,946	58,735	58,618	58,383	57,930	58,760	58,483	58,493	58,691	58,649	59,341
<b>Males, 20 years and over</b>													
Total noninstitutional population <sup>1</sup> .....	64,374	64,462	64,552	64,644	64,730	64,812	64,901	65,000	65,128	65,234	65,353	65,444	65,542
Total labor force .....	52,509	52,414	52,244	52,150	52,136	52,414	52,788	52,439	52,795	52,794	52,936	53,018	52,870
Percent of total population .....	81.6	81.3	80.7	80.7	80.5	81.3	80.7	81.1	80.9	81.0	81.0	81.0	80.7
Civilian noninstitutional population <sup>1</sup> .....	62,601	62,690	62,824	62,911	62,997	63,080	63,180	63,282	63,403	63,498	63,629	63,725	63,830
Civilian labor force .....	50,737	50,642	50,515	50,417	50,403	50,683	51,067	50,721	51,070	51,058	51,213	51,299	51,158
Percent of civilian population .....	81.0	80.8	80.4	80.1	80.0	80.3	80.8	80.2	80.5	80.4	80.5	80.5	80.1
Employed .....	48,379	47,961	47,490	47,288	46,990	47,123	47,333	47,166	47,499	47,682	47,638	47,666	47,646
Agriculture .....	2,429	2,451	2,422	2,475	2,421	2,399	2,457	2,394	2,435	2,463	2,483	2,422	2,376
Nonagricultural industries .....	45,950	45,510	45,068	44,813	44,569	44,724	44,876	44,772	45,064	45,219	45,155	45,244	45,270
Unemployed .....	2,358	2,681	3,025	3,129	3,413	3,560	3,734	3,555	3,571	3,376	3,575	3,633	3,512
Unemployment rate .....	4.6	5.3	6.0	6.2	6.8	7.0	7.3	7.0	7.0	6.6	7.0	7.1	6.9
Not in labor force .....	11,864	12,048	12,309	12,494	12,594	12,397	12,113	12,561	12,333	12,440	12,416	12,426	12,672
<b>Females, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	70,858	70,961	71,061	71,167	71,266	71,358	71,463	71,574	71,729	71,839	71,926	72,029	72,139
Civilian labor force .....	32,059	32,305	32,556	32,326	32,637	32,845	32,835	33,023	33,173	33,239	33,108	33,288	33,110
Percent of population .....	45.2	45.5	45.8	45.4	45.8	46.0	45.9	46.1	46.2	46.3	46.0	46.2	45.9
Employed .....	29,945	29,992	29,932	29,719	29,877	30,007	29,998	30,332	30,563	30,690	30,618	30,685	30,540
Agriculture .....	464	454	524	474	443	453	537	480	529	548	538	542	480
Nonagricultural industries .....	29,481	29,538	29,408	29,245	29,434	29,554	29,461	29,852	30,034	30,142	30,080	30,143	30,060
Unemployed .....	2,114	2,313	2,624	2,607	2,760	2,838	2,837	2,691	2,610	2,549	2,490	2,603	2,570
Unemployment rate .....	6.6	7.2	8.1	8.1	8.5	8.6	8.6	8.1	7.9	7.7	7.5	7.8	7.8
Not in labor force .....	38,799	38,656	38,505	38,841	38,629	38,513	38,628	38,551	38,556	38,600	38,818	38,741	39,029
<b>Both sexes, 16-19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	16,141	16,157	16,152	16,168	16,184	16,207	16,226	16,244	16,267	16,302	16,327	16,338	16,352
Civilian labor force .....	8,912	8,856	9,020	8,768	8,789	8,734	9,038	8,596	8,673	8,849	8,870	8,856	8,711
Percent of population .....	55.2	54.8	55.8	54.2	54.3	53.9	55.7	52.9	53.3	54.3	54.3	54.2	53.3
Employed .....	7,365	7,249	7,140	7,020	6,982	6,956	7,071	6,946	7,016	6,980	7,162	7,090	7,092
Agriculture .....	482	434	437	377	401	386	518	430	486	457	525	458	436
Nonagricultural industries .....	6,883	6,815	6,703	6,643	6,581	6,570	6,553	6,516	6,530	6,523	6,637	6,632	6,656
Unemployed .....	1,547	1,607	1,880	1,748	1,807	1,778	1,967	1,650	1,657	1,869	1,708	1,766	1,619
Unemployment rate .....	17.4	18.1	20.8	19.9	20.6	20.4	21.8	19.2	19.1	21.1	19.3	19.9	18.6
Not in labor force .....	7,229	7,301	7,132	7,400	7,395	7,473	7,188	7,648	7,594	7,453	7,457	7,482	7,641

<sup>1</sup> Because seasonality, by definition, does not exist in population figures, these figures are not seasonally adjusted.

NOTE: Detail for the household data shown in tables A-31 through A-40 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

**A-32. Full- and part-time status of the civilian labor force, seasonally adjusted**

[Numbers in thousands]

Full- and part-time employment status	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<b>FULL TIME</b>													
Total, 16 years and over:													
Civilian labor force .....	78,569	78,626	78,839	78,429	78,583	78,995	79,730	78,385	78,719	79,971	79,646	80,184	79,644
Employed .....	73,725	73,314	72,750	72,315	72,069	72,171	72,706	71,970	72,329	72,863	73,120	73,325	73,172
Unemployed .....	4,844	5,312	6,089	6,114	6,514	6,824	7,024	6,415	6,390	6,208	6,526	6,859	6,472
Unemployment rate .....	6.2	6.8	7.7	7.8	8.3	8.6	8.8	8.2	8.1	7.9	8.2	8.6	8.1
<b>PART TIME</b>													
Total, 16 years and over:													
Civilian labor force .....	13,210	13,226	13,335	13,021	13,230	13,380	13,303	13,932	14,292	14,095	13,791	13,521	13,390
Employed .....	11,989	11,950	11,935	11,685	11,782	11,985	11,821	12,499	12,861	12,582	12,471	12,150	12,081
Unemployed .....	1,221	1,276	1,400	1,336	1,448	1,395	1,482	1,433	1,431	1,513	1,320	1,371	1,309
Unemployment rate .....	9.2	9.6	10.5	10.3	10.9	10.4	11.1	10.3	10.0	10.7	9.6	10.1	9.8

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

## A-33. Employment status by color, sex, and age, seasonally adjusted

[Numbers in thousands]

Characteristics	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<b>WHITE</b>													
Total, 16 years and over:													
Civilian labor force	81,355	81,338	81,706	81,071	81,546	81,825	82,428	81,908	82,436	82,476	82,584	82,836	82,344
Employed	76,538	76,106	75,555	75,043	75,039	75,193	75,387	75,451	75,925	76,182	76,270	76,281	76,115
Unemployed	4,817	5,232	6,151	6,028	6,507	6,632	7,041	6,457	6,511	6,294	6,314	6,555	6,229
Unemployment rate	5.9	6.4	7.5	7.4	8.0	8.1	8.5	7.9	7.9	7.6	7.6	7.9	7.6
Males, 20 years and over:													
Civilian labor force	45,535	45,408	45,279	45,191	45,325	45,519	45,810	45,604	45,814	45,775	45,917	46,048	45,815
Employed	43,615	43,255	42,792	42,668	42,508	42,607	42,685	42,664	42,812	42,978	42,941	43,032	42,972
Unemployed	1,920	2,153	2,487	2,523	2,817	2,912	3,125	2,940	3,002	2,797	2,976	3,016	2,843
Unemployment rate	4.2	4.7	5.5	5.6	6.2	6.4	6.8	6.4	6.6	6.1	6.5	6.5	6.2
Females, 20 years and over:													
Civilian labor force	27,856	27,997	28,313	28,113	28,358	28,530	28,574	28,639	28,813	28,810	28,709	28,887	28,737
Employed	26,165	26,180	26,143	25,970	26,095	26,197	26,228	26,468	26,676	26,822	26,759	26,753	26,660
Unemployed	1,691	1,817	2,170	2,143	2,263	2,333	2,346	2,171	2,137	1,988	1,950	2,134	2,077
Unemployment rate	6.1	6.5	7.7	7.6	8.0	8.2	8.2	7.6	7.4	6.9	6.8	7.4	7.2
Both sexes, 16 to 19 years:													
Civilian labor force	7,964	7,933	8,114	7,767	7,863	7,776	8,044	7,665	7,809	7,891	7,958	7,901	7,792
Employed	6,758	6,671	6,620	6,405	6,436	6,389	6,474	6,319	6,437	6,382	6,570	6,496	6,483
Unemployed	1,206	1,262	1,494	1,362	1,427	1,387	1,570	1,346	1,372	1,509	1,388	1,405	1,309
Unemployment rate	15.1	15.9	18.4	17.5	18.1	17.8	19.5	17.6	17.6	19.1	17.4	17.8	16.8
<b>NEGRO AND OTHER RACES</b>													
Total, 16 years and over:													
Civilian labor force	10,394	10,389	10,464	10,387	10,364	10,401	10,494	10,469	10,468	10,623	10,746	10,678	10,695
Employed	9,188	9,090	9,057	8,989	8,893	8,886	8,953	9,034	9,103	9,134	9,205	9,167	9,219
Unemployed	1,206	1,299	1,407	1,398	1,471	1,515	1,541	1,435	1,365	1,489	1,541	1,511	1,476
Unemployment rate	11.6	12.5	13.4	13.5	14.2	14.6	14.7	13.7	13.0	14.0	14.3	14.2	13.8
Males, 20 years and over:													
Civilian labor force	5,199	5,193	5,224	5,175	5,134	5,162	5,195	5,180	5,257	5,293	5,351	5,278	5,344
Employed	4,758	4,712	4,677	4,598	4,528	4,512	4,574	4,566	4,659	4,704	4,706	4,661	4,668
Unemployed	441	481	547	577	606	650	621	614	598	589	645	617	676
Unemployment rate	8.5	9.3	10.5	11.1	11.8	12.6	12.0	11.9	11.4	11.1	12.1	11.7	12.6
Females, 20 years and over:													
Civilian labor force	4,251	4,256	4,291	4,236	4,311	4,276	4,314	4,345	4,313	4,403	4,422	4,443	4,426
Employed	3,834	3,792	3,821	3,773	3,828	3,798	3,787	3,837	3,847	3,850	3,888	3,903	3,939
Unemployed	417	464	470	463	483	478	527	508	466	553	534	540	487
Unemployment rate	9.8	10.9	11.0	10.9	11.2	11.2	12.2	11.7	10.8	12.6	12.1	12.2	11.0
Both sexes, 16 to 19 years:													
Civilian labor force	944	940	949	976	919	963	985	944	898	927	973	957	925
Employed	596	586	559	618	537	576	592	631	597	580	611	603	612
Unemployed	348	354	390	358	382	387	393	313	301	347	362	354	313
Unemployment rate	36.9	37.7	41.1	36.7	41.6	40.2	39.9	33.2	33.5	37.4	37.2	37.0	33.8

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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**A-34. Major unemployment indicators, seasonally adjusted**

[Unemployment rates]

Selected categories	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Total (all civilian workers)	6.6	7.2	8.2	8.2	8.7	8.9	9.2	8.6	8.4	8.4	8.3	8.6	8.3
Males, 20 years and over	4.6	5.3	6.0	6.2	6.8	7.0	7.3	7.0	7.0	6.6	7.0	7.1	6.9
Females, 20 years and over	6.6	7.2	8.1	8.1	8.5	8.6	8.6	8.1	7.9	7.7	7.5	7.8	7.8
Both sexes, 16-19 years	17.4	18.1	20.8	19.9	20.6	20.4	21.8	19.2	19.1	21.1	19.3	19.9	18.6
White	5.9	6.4	7.5	7.4	8.0	8.1	8.5	7.9	7.9	7.6	7.6	7.9	7.6
Negro and other races	11.6	12.5	13.4	13.5	14.2	14.6	14.7	13.7	13.0	14.0	14.3	14.2	13.8
Household heads	3.9	4.6	5.2	5.4	5.8	6.0	6.3	6.1	6.0	5.5	5.7	5.9	5.6
Married men	3.3	3.8	4.5	4.7	5.2	5.6	5.8	5.7	5.4	5.0	5.3	5.2	4.9
Full-time workers	6.2	6.8	7.7	7.8	8.3	8.6	8.8	8.2	8.1	7.9	8.2	8.6	8.1
Part-time workers	9.2	9.6	10.5	10.3	10.9	10.4	11.1	10.3	10.0	10.7	9.6	10.1	9.8
Unemployed 15 weeks and over <sup>1</sup>	1.2	1.4	1.7	2.0	2.2	2.6	2.8	3.1	3.2	3.1	3.1	2.8	3.0
State insured <sup>2</sup>	4.3	4.8	5.5	5.9	6.4	6.8	7.0	6.9	6.2	5.8r	5.8	5.7	5.5
Labor force time lost <sup>3</sup>	7.2	7.9	8.9	8.9	9.6	9.7	9.9	8.9	8.8	8.6	9.0	9.4	9.0
<b>OCCUPATION</b>													
White-collar workers	3.8	4.1	4.6	4.5	4.6	4.7	5.4	4.8	4.8	4.6	4.7	4.8	4.7
Professional and technical	2.6	2.5	2.9	3.2	2.9	3.4	3.6	3.2	3.6	2.9	3.3	3.1	3.6
Managers and administrators, except farm	2.2	2.6	3.3	2.7	2.7	3.3	3.5	3.0	2.9	3.0	3.4	2.8	2.7
Sales workers	5.0	6.0	5.7	5.3	6.0	5.8	5.9	6.0	4.9	5.9	5.6	5.9	6.2
Clerical workers	5.1	5.4	6.3	6.2	6.6	6.2	7.8	6.7	6.8	6.4	6.3	7.0	6.2
Blue-collar workers	8.3	9.3	11.0	10.9	12.5	13.0	13.0	12.6	12.1	11.5	11.5	11.2	11.0
Craft and kindred workers	5.3	6.1	7.0	6.5	8.7	9.0	9.3	9.4	9.6	8.2	8.6	8.4	8.1
Operatives	9.8	10.7	13.1	13.3	14.1	14.9	14.4	14.0	12.9	12.7	12.7	12.0	12.1
Nonfarm laborers	11.0	13.0	14.3	14.1	16.2	17.2	17.7	16.0	15.9	16.2	15.2	16.2	14.8
Service workers	6.8	7.1	8.1	7.7	8.5	8.2	8.7	8.5	8.3	9.3	8.7	9.1	8.4
Farm workers	2.5	2.4	3.6	3.0	4.5	4.0	3.7	3.3	2.6	3.8	3.4	3.6	3.5
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers <sup>4</sup>	6.8	7.7	8.7	8.8	9.3	9.8	10.1	9.6	9.2	9.1	9.1	9.1	8.8
Construction	13.5	14.9	15.0	15.9	18.1	19.3	21.8	21.0	20.8	19.9	19.2	17.9	17.3
Manufacturing	7.4	8.9	10.5	11.0	11.4	12.2	12.3	12.0	11.1	10.5	10.6	10.2	9.9
Durable goods	7.0	8.7	10.5	10.9	11.3	12.8	12.7	12.9	11.5	11.3	11.3	10.5	10.2
Nondurable goods	7.9	9.1	10.3	11.1	11.6	11.4	11.6	10.7	10.4	9.5	9.4	9.8	9.5
Transportation and public utilities	3.4	3.9	5.9	5.2	5.6	6.6	6.7	5.8	5.6	5.7	5.8	5.4	4.5
Wholesale and retail trade	7.0	8.1	8.5	8.0	8.7	9.1	8.9	8.3	8.3	8.9	8.7	8.8	9.1
Finance and service industries	5.4	5.4	6.2	6.5	6.7	6.6	7.2	6.6	6.3	6.1	6.3	7.1	6.9
Government workers	3.5	3.2	3.4	3.6	3.9	3.8	4.9	3.9	4.3	4.0	4.2	4.3	3.9
Agricultural wage and salary workers	7.2	7.9	10.2	8.8	12.0	12.6	9.4	10.5	8.4	10.5	9.9	10.6	9.7

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

<sup>2</sup> Insured unemployment under State programs as a percent of average covered employment.

<sup>3</sup> Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours.

<sup>4</sup> Includes mining, not shown separately.

**A-35. Unemployed persons by duration of unemployment, seasonally adjusted**

[Numbers in thousands]

Weeks of unemployment	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Less than 5 weeks	2,981	3,077	3,316	2,914	3,253	2,897	3,134	2,692	2,823	2,676	2,790	3,024	2,641
5 to 14 weeks	1,931	2,062	2,663	2,597	2,619	2,695	2,620	2,498	2,120	2,361	2,430	2,388	2,393
15 weeks and over	1,117	1,319	1,537	1,822	1,991	2,403	2,643	2,887	2,998	2,842	2,856	2,578	2,824
15 to 26 weeks	691	782	914	1,118	1,259	1,452	1,568	1,561	1,640	1,383	1,242	1,185	1,155
27 weeks and over	426	537	623	704	732	951	1,075	1,326	1,394	1,459	1,614	1,393	1,669
Average (mean) duration, in weeks	9.8	10.0	10.7	11.7	11.4	12.9	13.4	15.4	15.4	15.7	16.2	15.4	16.8
<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	49.4	47.6	44.1	39.7	41.4	36.2	37.3	33.3	35.5	34.0	34.5	37.8	33.6
5 to 14 weeks	32.0	31.9	35.4	35.4	33.3	33.7	31.2	30.9	26.7	30.0	30.1	29.9	30.5
15 weeks and over	18.5	20.4	20.4	24.8	25.3	30.1	31.5	35.7	37.8	36.1	35.4	32.3	35.9
15 to 26 weeks	11.5	12.1	12.2	15.2	16.0	18.2	18.7	16.4	20.2	17.6	15.4	14.8	14.7
27 weeks and over	7.1	8.3	8.3	9.6	9.3	11.9	12.8	16.4	17.6	18.5	20.0	17.4	21.2

## A-36. Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Total, 16 years and over .....	6.6	7.2	8.2	8.2	8.7	8.9	9.2	8.6	8.4	8.4	8.3	8.6	8.3
16 to 19 years .....	17.4	18.1	20.8	19.9	20.6	20.4	21.8	19.2	19.1	21.1	19.3	19.9	18.6
16 to 17 years .....	19.5	21.2	22.6	21.6	22.3	21.5	22.8	20.3	19.9	23.1	21.9	22.2	19.8
18 to 19 years .....	15.8	16.0	19.6	18.2	19.5	19.7	21.2	18.2	18.4	19.5	18.0	18.3	17.7
20 to 24 years .....	10.5	11.7	12.4	13.3	14.3	14.6	14.8	12.8	13.6	13.1	13.6	14.0	13.8
25 years and over .....	4.4	4.9	5.7	5.7	6.1	6.3	6.4	6.6	6.2	5.8	6.0	6.2	6.0
25 to 54 years .....	4.7	5.1	6.1	6.0	6.4	6.7	6.9	7.0	6.6	6.2	6.3	6.5	6.3
55 years and over .....	3.2	3.7	4.2	4.8	4.8	5.1	4.9	4.9	4.8	4.5	4.6	4.9	4.8
Males, 16 years and over .....	5.7	6.4	7.2	7.4	7.9	8.3	8.5	8.1	8.1	7.9	8.0	8.2	7.9
16 to 19 years .....	17.1	17.4	19.8	20.0	20.2	21.7	21.2	20.6	19.9	21.7	19.4	20.0	18.5
16 to 17 years .....	19.7	21.1	22.3	22.0	20.8	22.8	22.7	21.5	21.0	23.5	22.4	21.6	19.4
18 to 19 years .....	15.1	14.9	18.2	17.9	20.0	21.3	19.9	19.4	19.0	19.8	18.2	18.5	17.9
20 to 24 years .....	10.4	11.2	12.6	13.3	14.8	15.8	15.6	14.0	14.8	14.2	15.3	14.7	14.1
25 years and over .....	3.7	4.3	4.8	5.0	5.4	5.6	5.8	5.9	5.7	5.3	5.6	5.8	5.7
25 to 54 years .....	3.9	4.4	5.1	5.1	5.5	5.9	6.2	6.3	6.0	5.6	5.9	6.0	5.9
55 years and over .....	2.8	3.4	3.9	4.4	4.7	4.9	4.8	4.7	4.6	4.3	4.6	4.6	4.7
Females, 16 years and over .....	7.8	8.5	9.7	9.4	9.8	9.7	10.2	9.2	9.0	9.1	8.8	9.1	8.9
16 to 19 years .....	17.6	19.0	22.1	19.9	21.0	18.7	22.4	17.6	18.2	20.5	19.1	19.9	18.6
16 to 17 years .....	19.3	21.4	23.0	21.1	24.2	19.8	22.9	18.7	18.6	22.5	21.3	22.8	20.2
18 to 19 years .....	16.6	17.3	21.1	18.5	18.8	17.8	22.6	16.8	17.8	19.3	17.8	18.0	17.6
20 to 24 years .....	10.7	12.4	12.2	13.3	13.6	13.3	13.9	11.4	12.1	11.7	11.7	13.1	13.5
25 years and over .....	5.7	5.9	7.1	6.9	7.3	7.5	7.5	7.6	7.0	6.6	6.6	6.9	6.6
25 to 54 years .....	6.1	6.3	7.6	7.4	7.8	8.1	8.0	8.1	7.5	7.1	7.0	7.2	6.9
55 years and over .....	3.9	4.4	4.9	5.5	5.0	5.4	5.1	5.2	5.1	4.9	4.5	5.3	5.1

## A-37. Unemployed persons by reason for unemployment, seasonally adjusted

[Numbers in thousands]

Reason for unemployment	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	2,840	3,190	3,831	4,017	4,369	4,657	4,863	4,808	4,567	4,263	4,576	4,460	4,201
Job leavers .....	784	788	760	730	798	806	869	779	826	777	814	832	894
Reentrants .....	1,670	1,762	1,924	1,686	1,854	1,916	2,114	1,846	1,771	1,879	1,786	1,896	1,805
New entrants .....	784	778	858	846	773	766	848	670	648	876	819	865	864
<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 .....	46.7	48.9	52.0	55.2	56.1	57.2	55.9	59.3	58.5	54.7	57.2	55.4	54.1
Job leavers .....	12.9	12.1	10.3	10.0	10.2	9.9	10.0	9.6	10.6	10.0	10.2	10.3	11.5
Reentrants .....	27.5	27.0	26.1	23.2	23.8	23.5	24.3	22.8	22.7	24.1	22.3	23.5	23.2
New entrants .....	12.9	11.9	11.6	11.6	9.9	9.4	9.8	8.3	8.3	11.2	10.2	10.7	11.1
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	3.1	3.5	4.2	4.4	4.8	5.0	5.2	5.2	4.9	4.6	4.9	4.8	4.5
Job leavers .....	.9	.9	.8	.8	.9	.9	.9	.8	.9	.8	.9	.9	1.0
Reentrants .....	1.8	1.9	2.1	1.8	2.0	2.1	2.3	2.0	1.9	2.0	1.9	2.0	1.9
New entrants .....	.9	.8	.9	.9	.8	.8	.9	.7	.7	.9	.9	.9	.9

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-38. Employed persons by sex and age, seasonally adjusted**

[Numbers in thousands]

Sex and age	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
	<b>Total, 16 years and over</b>	85,689	85,202	84,562	84,027	83,849	84,086	84,402	84,444	85,078	85,352	85,418	85,441
16 to 19 years	7,365	7,249	7,140	7,020	6,982	6,956	7,071	6,946	7,016	6,980	7,162	7,090	7,092
16 to 17 years	3,066	2,988	3,067	2,917	2,911	2,870	2,871	2,844	2,887	2,841	2,925	2,910	2,949
18 to 19 years	4,285	4,260	4,100	4,116	4,073	4,098	4,241	4,113	4,155	4,101	4,251	4,169	4,141
20 to 24 years	11,949	11,809	11,688	11,544	11,451	11,462	11,619	11,672	11,696	11,770	11,710	11,669	11,618
25 years and over	66,399	66,182	65,753	65,465	65,439	65,695	65,687	65,804	66,274	66,617	66,542	66,694	66,617
25 to 54 years	52,882	52,628	52,200	51,940	51,978	52,090	52,146	52,399	52,713	53,163	53,105	53,272	53,125
55 years and over	13,471	13,555	13,567	13,569	13,510	13,554	13,536	13,438	13,560	13,447	13,467	13,436	13,430
<b>Males, 16 years and over</b>	52,410	51,953	51,329	51,112	50,781	50,873	51,172	50,861	51,287	51,448	51,490	51,496	51,485
16 to 19 years	4,031	3,992	3,839	3,824	3,791	3,750	3,839	3,695	3,788	3,766	3,852	3,830	3,839
16 to 17 years	1,712	1,675	1,648	1,615	1,653	1,581	1,599	1,562	1,593	1,559	1,612	1,606	1,624
18 to 19 years	2,315	2,308	2,194	2,223	2,141	2,168	2,260	2,147	2,219	2,173	2,265	2,219	2,210
20 to 24 years	6,634	6,514	6,419	6,370	6,277	6,217	6,357	6,269	6,315	6,358	6,330	6,371	6,362
25 years and over	41,764	41,492	41,066	40,906	40,763	40,931	40,942	40,905	41,126	41,298	41,279	41,294	41,308
25 to 54 years	33,090	32,805	32,497	32,350	32,324	32,350	32,460	32,485	32,592	32,795	32,786	32,895	32,872
55 years and over	8,646	8,667	8,603	8,603	8,499	8,529	8,488	8,405	8,542	8,487	8,474	8,410	8,404
<b>Females, 16 years and over</b>	33,279	33,249	33,233	32,915	33,068	33,213	33,230	33,583	33,791	33,904	33,928	33,945	33,793
16 to 19 years	3,334	3,257	3,301	3,196	3,191	3,206	3,232	3,251	3,228	3,214	3,310	3,260	3,253
16 to 17 years	1,354	1,313	1,419	1,302	1,258	1,289	1,272	1,282	1,294	1,282	1,313	1,304	1,325
18 to 19 years	1,970	1,952	1,906	1,893	1,932	1,930	1,981	1,966	1,936	1,928	1,986	1,950	1,931
20 to 24 years	5,315	5,295	5,269	5,174	5,174	5,245	5,262	5,403	5,381	5,412	5,380	5,298	5,256
25 years and over	24,635	24,690	24,687	24,559	24,676	24,764	24,745	24,899	25,148	25,319	25,263	25,400	25,309
25 to 54 years	19,792	19,823	19,703	19,590	19,654	19,740	19,686	19,914	20,121	20,368	20,319	20,377	20,253
55 years and over	4,825	4,888	4,964	4,966	5,011	5,025	5,048	5,033	5,018	4,960	4,993	5,026	5,026

## A-39. Employed persons by selected social and economic categories, seasonally adjusted

[In thousands]

Selected categories	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Total employed .....	85,689	85,202	84,562	84,027	83,849	84,086	84,402	84,444	85,078	85,352	85,418	85,441	85,278
Household heads .....	50,737	50,427	49,933	49,672	49,613	49,796	49,924	49,903	50,241	50,524	50,373	50,362	50,421
Married men, spouse present .....	38,727	38,377	37,954	37,761	37,689	37,813	37,853	37,743	37,920	38,048	37,967	38,038	38,003
Married women, spouse present .....	19,599	19,463	19,330	19,173	19,271	19,376	19,317	19,478	19,692	19,693	19,849	19,882	19,845
<b>Occupation</b>													
White collar workers .....	41,733	41,690	42,073	41,602	41,944	42,098	42,127	42,528	42,499	42,593	42,504	42,381	42,254
Professional and technical .....	12,237	12,200	12,439	12,492	12,699	12,616	12,780	12,727	13,026	13,030	12,813	12,719	12,711
Managers and administrators, except farm .....	8,811	8,760	8,929	8,648	8,757	8,725	8,864	9,039	8,710	8,937	9,160	9,004	9,102
Sales workers .....	5,382	5,279	5,379	5,455	5,403	5,526	5,510	5,652	5,585	5,535	5,519	5,551	5,259
Clerical workers .....	15,303	15,451	15,326	15,007	15,085	15,231	14,973	15,110	15,178	15,091	15,012	15,107	15,182
Blue-collar workers .....	29,579	29,018	28,134	27,859	27,420	27,724	27,772	27,618	27,815	28,070	28,053	28,287	28,325
Craft and kindred workers .....	11,509	11,251	10,920	10,923	10,674	10,857	10,860	10,852	11,014	11,112	10,927	11,184	11,060
Operatives .....	13,654	13,395	13,059	12,799	12,598	12,855	12,733	12,586	12,662	12,867	12,960	13,014	13,118
Nonfarm laborers .....	4,416	4,372	4,155	4,137	4,148	4,012	4,179	4,180	4,139	4,091	4,166	4,089	4,147
Service workers .....	11,478	11,548	11,661	11,653	11,560	11,385	11,383	11,589	11,681	11,670	11,776	11,813	11,897
Farm workers .....	2,914	2,926	2,954	2,872	2,814	2,803	3,062	2,908	3,027	3,006	3,081	2,990	2,836
<b>Major industry and class of worker</b>													
<b>Agriculture:</b>													
Wage and salary workers .....	1,386	1,272	1,310	1,196	1,194	1,156	1,344	1,230	1,357	1,368	1,393	1,319	1,262
Self-employed workers .....	1,625	1,673	1,680	1,765	1,716	1,735	1,762	1,730	1,714	1,688	1,761	1,700	1,679
Unpaid family workers .....	346	356	376	345	347	358	463	381	410	400	415	424	338
<b>Nonagricultural industries:</b>													
Wage and salary workers .....	76,213	75,671	74,942	74,811	74,584	74,759	74,768	75,114	75,350	75,826	75,822	76,157	75,556
Private households .....	1,267	1,259	1,326	1,301	1,342	1,315	1,411	1,472	1,353	1,379	1,325	1,364	1,275
Government .....	14,039	14,231	14,351	14,404	14,387	14,512	14,440	14,558	14,744	14,785	14,481	14,410	14,577
Other .....	60,907	60,181	59,265	59,106	58,855	58,932	58,917	59,084	59,253	59,662	60,016	60,383	59,704
Self-employed workers .....	5,704	5,641	5,561	5,375	5,519	5,648	5,569	5,659	5,689	5,670	5,634	5,547	5,995
Unpaid family workers .....	484	498	549	498	474	469	508	401	401	460	485	474	550
<b>Persons at work<sup>1</sup></b>													
Nonagricultural industries .....	77,417	76,526	76,592	75,914	75,679	76,371	76,098	76,288	75,305	76,505	76,943	77,109	77,249
Full-time schedules .....	63,694	62,733	62,295	61,822	61,456	61,943	61,917	61,853	61,138	62,442	63,044	63,101	63,283
Part time for economic reasons .....	3,180	3,375	3,837	3,747	3,916	3,884	3,877	3,354	3,179	3,106	3,233	3,339	3,317
Usually work full time .....	1,575	1,847	2,037	2,047	1,887	1,883	1,764	1,530	1,486	1,369	1,332	1,439	1,375
Usually work part time .....	1,605	1,528	1,800	1,700	2,029	2,001	2,113	1,824	1,693	1,737	1,901	1,900	1,942
Part time for noneconomic reasons .....	10,543	10,418	10,460	10,345	10,307	10,544	10,304	11,081	10,988	10,957	10,666	10,669	10,649

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

## A-40. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years of age

[Numbers in thousands]

Employment status	Nov. 1974	Oct. 1975	Nov. 1975	Seasonally adjusted					
				Nov. 1974	July 1975	Aug. 1975	Sept. 1975	Oct. 1975	Nov. 1975
<b>VETERANS<sup>1</sup></b>									
<b>Total, 20 to 34 years:</b>									
Civilian noninstitutional population <sup>2</sup>	6,310	6,560	6,585	6,310	6,464	6,488	6,514	6,560	6,585
Civilian labor force	5,961	6,118	6,144	5,965	6,049	6,095	6,124	6,172	6,167
Employed	5,634	5,653	5,611	5,600	5,471	5,545	5,563	5,596	5,577
Unemployed	327	465	533	365	578	550	561	576	590
Unemployment rate	5.5	7.6	8.7	6.1	9.6	9.0	9.2	9.3	9.6
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,306	1,140	1,129	1,306	1,158	1,145	1,136	1,140	1,129
Civilian labor force	1,156	959	954	1,166	1,010	1,008	1,012	994	969
Employed	1,017	787	753	1,015	832	832	810	775	751
Unemployed	139	172	201	151	178	176	202	219	218
Unemployment rate	12.0	17.9	21.1	13.0	17.6	17.5	20.0	22.0	22.5
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,488	3,467	3,463	3,488	3,476	3,470	3,467	3,467	3,463
Civilian labor force	3,332	3,278	3,255	3,331	3,260	3,275	3,255	3,303	3,272
Employed	3,191	3,073	3,026	3,161	2,977	3,008	3,016	3,046	2,996
Unemployed	141	205	229	170	283	267	239	257	276
Unemployment rate	4.2	6.3	7.0	5.1	8.6	8.2	7.3	7.9	8.4
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,516	1,953	1,993	1,516	1,830	1,873	1,911	1,953	1,993
Civilian labor force	1,473	1,881	1,935	1,468	1,779	1,812	1,857	1,875	1,926
Employed	1,426	1,793	1,832	1,424	1,662	1,705	1,737	1,775	1,830
Unemployed	47	88	103	44	117	107	120	100	96
Unemployment rate	3.2	4.7	5.3	3.0	6.6	5.9	6.5	5.3	5.0
<b>NONVETERANS</b>									
<b>Total, 20 to 34 years:</b>									
Civilian noninstitutional population <sup>2</sup>	15,283	16,134	16,201	15,283	15,928	15,999	16,091	16,134	16,201
Civilian labor force	13,845	14,378	14,357	13,977	14,305	14,313	14,555	14,569	14,528
Employed	12,913	13,165	13,085	12,927	12,807	12,936	13,029	13,126	13,092
Unemployed	932	1,213	1,272	1,050	1,498	1,377	1,526	1,443	1,436
Unemployment rate	6.7	8.4	8.9	7.5	10.5	9.6	10.5	9.9	9.9
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	7,242	7,693	7,724	7,242	7,601	7,637	7,679	7,693	7,724
Civilian labor force	6,117	6,312	6,297	6,233	6,349	6,364	6,500	6,478	6,428
Employed	5,552	5,572	5,543	5,616	5,434	5,500	5,573	5,608	5,605
Unemployed	565	740	754	617	915	864	927	878	823
Unemployment rate	9.2	11.7	12.0	9.9	14.4	13.6	14.3	13.6	12.8
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	4,180	4,583	4,626	4,180	4,446	4,489	4,544	4,583	4,626
Civilian labor force	4,001	4,365	4,369	3,995	4,207	4,232	4,303	4,366	4,368
Employed	3,764	4,067	4,069	3,721	3,847	3,893	3,936	4,011	4,021
Unemployed	237	298	300	274	360	339	367	355	347
Unemployment rate	5.9	6.8	6.9	6.9	8.6	8.0	8.5	8.1	7.9
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,861	3,858	3,851	3,861	3,881	3,873	3,868	3,858	3,851
Civilian labor force	3,727	3,701	3,691	3,749	3,749	3,717	3,752	3,725	3,732
Employed	3,597	3,526	3,473	3,590	3,526	3,543	3,520	3,515	3,466
Unemployed	130	175	218	159	223	174	232	210	266
Unemployment rate	3.5	4.7	5.9	4.2	5.9	4.7	6.2	5.6	7.1

<sup>1</sup> Vietnam-era veterans are those who served after August 4, 1964.

appear in the unadjusted and seasonally adjusted columns.

<sup>2</sup> Since seasonal variations are not present in the population figures, identical numbers



B-1. Employees on nonagricultural payrolls, by industry division 1919 to date

[In thousands]

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	12,813	1,133	1,021	10,659	14,275	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	12,745	1,239	848	10,658	14,605	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1925.....	28,778	12,474	1,089	1,446	9,939	16,304	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	12,896	1,185	1,555	10,156	16,923	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	12,723	1,114	1,608	10,001	17,253	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	12,603	1,050	1,606	9,947	17,397	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	13,286	1,087	1,497	10,702	18,053	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	11,943	1,009	1,372	9,562	17,481	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	10,257	873	1,214	8,170	16,392	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	8,632	731	970	6,931	14,996	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	8,950	744	809	7,397	14,761	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	10,246	883	862	8,501	15,707	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	10,878	897	912	9,069	16,175	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	11,918	946	1,145	9,827	17,164	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	12,921	1,015	1,112	10,794	18,105	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	11,386	891	1,055	9,440	17,823	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	12,282	854	1,150	10,278	18,336	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	13,204	925	1,294	10,985	19,173	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	15,939	957	1,790	13,192	20,614	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	18,442	992	2,170	15,280	21,683	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	20,094	925	1,567	17,602	22,359	3,647	6,982	1,741	5,241	1,502	4,148	6,040	2,905	3,174
1944.....	41,883	19,314	892	1,094	17,328	22,569	3,829	7,058	1,762	5,296	1,476	4,163	6,083	2,928	3,116
1945.....	40,394	17,492	836	1,132	15,524	22,902	3,906	7,314	1,862	5,452	1,497	4,241	5,945	2,808	3,137
1946.....	41,674	17,226	862	1,661	14,703	24,448	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	18,482	955	1,982	15,545	25,399	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	18,745	994	2,169	15,582	26,146	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	17,536	930	2,165	14,441	26,242	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	18,475	901	2,333	15,241	26,747	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	19,925	929	2,603	16,393	27,924	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	20,164	898	2,634	16,632	28,660	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	21,038	866	2,623	17,549	29,195	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	19,717	791	2,612	16,314	29,306	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	20,476	792	2,802	16,882	30,199	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	21,064	822	2,999	17,243	31,344	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	20,925	828	2,923	17,174	31,969	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	19,474	751	2,778	15,945	31,890	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	20,367	732	2,960	16,675	32,945	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	20,393	712	2,885	16,796	33,840	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	19,814	672	2,816	16,326	34,229	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	20,405	650	2,902	16,853	35,190	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	20,593	635	2,963	16,995	36,108	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	20,958	634	3,050	17,274	37,373	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	21,880	632	3,186	18,062	38,936	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	23,116	627	3,275	19,214	40,839	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	23,268	613	3,208	19,447	42,589	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,951	23,693	606	3,306	19,781	44,258	4,311	14,099	3,611	10,488	3,381	10,622	11,845	2,737	9,109
1969.....	70,442	24,311	619	3,525	20,167	46,130	4,435	14,704	3,733	10,971	3,562	11,228	12,202	2,758	9,444
1970.....	70,920	23,507	623	3,536	19,349	47,412	4,504	15,040	3,816	11,225	3,687	11,621	12,561	2,731	9,830
1971.....	71,222	22,820	609	3,639	18,572	48,401	4,457	15,352	3,823	11,529	3,802	11,903	12,887	2,696	10,192
1972.....	73,714	23,546	625	3,831	19,090	50,167	4,517	15,975	3,943	12,032	3,943	12,392	13,340	2,684	10,656
1973.....	76,896	24,727	644	4,015	20,068	52,169	4,644	16,674	4,107	12,568	4,091	13,021	13,739	2,663	11,075
1974.....	78,413	24,697	694	3,957	20,046	53,715	4,696	17,017	4,223	12,974	4,208	13,617	14,177	2,724	11,453
Nov.....	79,151	24,470	719	3,952	19,799	54,681	4,697	17,361	4,271	13,090	4,213	13,808	14,602	2,724	11,878
Dec.....	78,462	23,585	681	3,695	19,209	54,877	4,659	17,608	4,249	13,359	4,208	13,764	14,638	2,756	11,882
1975:															
Jan....	76,207	22,636	715	3,348	18,573	53,571	4,548	16,700	4,180	12,520	4,177	13,608	14,538	2,711	11,827
Feb....	75,772	22,087	714	3,208	18,165	53,685	4,492	16,493	4,143	12,350	4,172	13,699	14,829	2,719	12,110
Mar....	75,778	21,953	719	3,197	18,037	53,825	4,470	16,530	4,136	12,394	4,178	13,753	14,894	2,724	12,170
Apr....	76,177	22,036	726	3,310	18,000	54,141	4,472	16,691	4,134	12,557	4,192	13,878	14,908	2,732	12,176
May....	76,689	22,550	740	3,439	18,071	54,439	4,487	16,819	4,142	12,677	4,208	13,986	14,939	2,741	12,198
June....	77,183	22,566	756	3,555	18,255	54,617	4,523	16,971	4,178	12,793	4,248	14,079	14,796	2,771	12,025
July....	76,439	22,370	758	3,605	18,007	54,069	4,504	16,936	4,190	12,746	4,266	14,144	14,219	2,800	11,419
Aug....	76,900	22,901	763	3,688	18,450	53,999	4,493	16,959	4,192	12,767	4,273	14,162	14,112	2,775	11,337
Sept....	77,614	23,111	758	3,659	18,694	54,503	4,503	17,084	4,194	12,890	4,243	14,113	14,560	2,746	11,814
Oct. P..	78,147	23,075	763	3,622	18,690	55,072	4,500	17,130	4,211	12,919	4,240	14,179	15,023	2,742	12,281
Nov. P..	78,314	22,933	760	3,522	18,651	55,381	4,491	17,328	4,214	13,114	4,241	14,169	15,152	2,750	12,402

p = preliminary.

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls, by industry**

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
-	<b>TOTAL</b> .....	79,465	79,151	77,614	78,147	78,314	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	65,020	64,549	63,054	63,124	63,162	53,713	53,249	51,956	52,023	52,036
-	<b>MINING</b> .....	718	719	758	763	760	547	547	574	579	577
10	<b>METAL MINING</b> .....	95.9	96.0	92.8	92.1	-	76.3	76.1	72.1	71.6	-
101	Iron ores .....	25.1	24.9	25.2	24.5	-	20.6	20.4	20.4	19.7	-
102	Copper ores .....	42.5	42.5	36.4	36.2	-	33.7	33.5	27.7	27.7	-
11,12	<b>COAL MINING</b> .....	185.8	185.9	206.6	209.6	-	158.8	158.0	175.9	179.1	-
12	Bituminous coal and lignite mining .....	182.5	182.5	202.7	205.7	-	155.9	155.1	172.5	175.7	-
13	<b>OIL AND GAS EXTRACTION</b> .....	313.9	316.1	339.8	343.4	-	213.3	215.4	231.9	235.2	-
131,2	Crude petroleum and natural gas fields .....	151.3	151.7	162.7	162.6	-	76.1	75.5	83.4	83.1	-
138	Oil and gas field services .....	162.6	164.4	177.1	180.8	-	137.2	139.9	148.5	152.1	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	122.3	121.0	118.6	117.6	-	98.2	97.2	93.7	93.1	-
142	Crushed and broken stone .....	44.6	43.6	41.7	40.9	-	36.9	35.8	34.1	33.4	-
144	Sand and gravel .....	38.5	37.6	36.4	35.9	-	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> .....	4,120	3,952	3,659	3,622	3,522	3,403	3,238	2,957	2,925	2,827
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	1,258.3	1,212.6	1,091.1	1,086.3	-	1,031.8	986.6	868.7	865.0	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	869.8	799.1	786.7	768.1	-	742.7	672.8	667.1	649.3	-
161	Highway and street construction .....	398.3	353.4	360.2	348.8	-	350.8	306.2	315.1	303.7	-
162	Heavy construction, nec .....	471.5	445.7	426.5	419.3	-	391.9	366.6	352.0	345.6	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	1,992.1	1,940.0	1,781.2	1,767.2	-	1,628.5	1,578.9	1,420.9	1,410.9	-
171	Plumbing, heating, air conditioning .....	472.8	462.4	419.9	416.4	-	370.0	361.3	320.7	317.1	-
172	Painting, paper hanging, decorating .....	149.3	141.5	131.9	127.2	-	130.9	123.2	114.3	109.5	-
173	Electrical work .....	353.3	347.2	317.3	314.8	-	284.1	277.7	248.4	246.9	-
174	Masonry, stonework, and plastering .....	228.0	220.2	193.2	191.9	-	200.6	193.6	167.6	166.5	-
176	Roofing and sheet metal work .....	139.1	135.2	127.1	130.5	-	115.7	111.5	103.5	106.9	-
-	<b>MANUFACTURING</b> .....	20,174	19,799	18,694	18,690	18,651	14,709	14,363	13,428	13,427	13,380
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	11,966	11,747	10,771	10,755	10,758	8,690	8,489	7,645	7,639	7,636
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	8,208	8,052	7,923	7,935	7,893	6,019	5,874	5,783	5,788	5,744
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	178.7	177.9	166.9	165.6	166.2	86.2	85.9	76.9	75.9	73.9
192	Ammunition, except for small arms .....	122.7	121.6	111.7	110.3	111.1	49.1	48.6	41.4	40.4	39.0
1925	Complete guided missiles .....	92.1	91.7	90.0	89.5	-	25.1	25.3	25.4	25.2	-
1929	Ammunition, exc. for small arms, nec .....	30.6	29.9	21.7	20.8	-	24.0	23.3	16.0	15.2	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	608.0	577.3	580.6	579.4	566.6	514.4	484.7	485.9	484.7	470.4
241	Logging camps and logging contractors .....	83.0	79.3	78.1	77.3	71.7	-	-	-	-	-
242	Sawmills and planing mills .....	215.0	204.0	203.3	202.2	(*)	191.5	180.5	180.2	179.4	(*)
2421	Sawmills and planing mills, general .....	182.2	172.7	173.7	172.1	-	162.3	152.8	153.8	152.4	-
243	Millwork, plywood and related products .....	186.2	175.2	187.1	187.2	186.4	150.6	140.4	153.7	153.7	152.4
2431	Millwork .....	78.5	73.6	83.3	83.5	-	62.7	58.1	67.8	67.9	-
2432	Veneer and plywood .....	70.6	66.8	68.8	68.8	-	61.3	57.7	61.0	61.1	-
244	Wooden containers .....	23.9	23.6	22.0	21.9	21.8	21.3	20.8	19.5	19.2	19.1
2441,2	Wooden boxes, shooks, and crates .....	19.5	19.3	17.8	17.3	-	17.6	17.2	15.8	15.3	-
249	Miscellaneous wood products .....	99.9	95.2	90.1	90.8	90.0	82.0	77.2	72.4	72.9	72.2

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
25	<b>FURNITURE AND FIXTURES</b> .....	512.5	492.7	466.8	471.3	474.2	417.8	401.3	381.4	384.5	387.4
251	Household furniture .....	362.5	348.4	334.2	340.4	344.1	303.7	292.3	281.4	286.8	290.1
2511	Wood household furniture .....	188.8	181.7	169.5	172.8	—	164.8	158.9	148.7	151.2	—
2512	Upholstered household furniture .....	98.9	96.2	97.3	99.7	—	80.7	79.0	80.4	82.6	—
2515	Mattresses and bedsprings .....	36.1	33.7	34.3	34.6	—	27.4	25.2	26.2	26.5	—
252	Office furniture .....	44.1	42.8	36.2	35.7	—	34.9	33.7	28.3	27.8	—
254	Partitions and fixtures .....	55.7	53.2	50.5	50.2	—	42.4	39.9	37.4	37.0	—
253,9	Other furniture and fixtures .....	50.2	48.3	45.9	45.0	43.9	36.8	35.4	34.3	32.9	32.2
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....											
32	Flat glass .....	687.2	670.1	626.8	623.5	620.5	549.8	534.3	498.8	495.7	492.4
321	Glass and glassware, pressed or blown .....	20.7	19.8	16.3	16.7	—	14.4	13.8	12.3	12.7	—
322	Glass containers .....	132.2	129.0	129.2	129.4	129.0	113.9	110.7	111.3	111.5	111.1
3221	Pressed and blown glass, nec .....	73.7	71.1	75.9	76.0	—	65.1	62.5	66.9	67.0	—
3229	Cement, hydraulic .....	58.5	57.9	53.3	53.4	—	48.8	48.2	44.4	44.5	—
324	Structural clay products .....	32.7	32.5	31.2	30.5	(*)	25.9	25.6	24.7	24.0	(*)
325	Brick and structural clay tile .....	54.8	53.6	48.8	48.2	47.7	44.8	43.6	39.2	38.6	38.3
3251	Pottery and related products .....	23.7	22.9	21.3	20.9	—	20.2	19.4	17.8	17.5	—
326	Concrete, gypsum, and plaster products .....	49.2	47.8	42.0	43.0	—	41.8	40.6	35.0	36.1	—
327	Other stone and nonmetallic mineral products .....	212.3	205.1	195.4	190.2	188.3	166.9	160.5	152.8	147.6	145.7
328,9	Abrasive products .....	147.6	146.5	128.3	129.4	129.3	113.1	112.4	96.3	97.5	97.0
3291	Other stone and nonmetallic mineral products .....	27.6	27.4	22.6	22.8	—	19.7	19.5	15.6	15.9	—
<b>PRIMARY METAL INDUSTRIES</b> .....											
33	Blast furnace and basic steel products .....	1,347.4	1,333.9	1,168.6	1,144.7	1,148.0	1,075.9	1,063.6	910.5	889.8	891.9
331	Blast furnaces and steel mills .....	609.4	606.1	538.0	516.2	(*)	486.0	483.2	418.0	397.7	(*)
3312	Iron and steel foundries .....	522.2	519.6	464.9	444.7	—	417.5	415.3	362.9	344.0	—
332	Gray iron foundries .....	251.7	251.4	221.8	220.1	218.0	210.5	210.7	182.2	181.0	179.0
3321	Malleable iron foundries .....	158.1	157.5	135.7	135.6	—	134.8	134.3	115.5	113.3	—
3322	Steel foundries .....	25.7	25.5	22.0	21.5	—	20.3	20.2	17.3	17.0	—
3323	Nonferrous metals .....	67.9	68.4	64.1	63.0	—	55.4	56.2	51.4	50.7	—
333,4	Primary aluminum .....	93.6	92.9	79.7	79.8	79.9	72.6	71.8	60.4	60.4	59.9
3334	Nonferrous rolling and drawing .....	34.2	34.5	28.1	27.8	—	27.8	28.1	22.3	22.0	—
335	Copper rolling and drawing .....	219.8	213.6	182.4	181.4	182.3	164.5	159.0	131.9	131.9	132.5
3351	Aluminum rolling and drawing .....	39.3	36.6	33.0	32.1	—	29.1	27.0	24.4	23.9	—
3352	Nonferrous wire drawing and insulating .....	68.4	67.1	55.3	55.3	—	50.0	48.5	38.4	38.5	—
3357	Nonferrous foundries .....	91.4	89.6	76.9	76.8	—	70.3	68.8	57.1	57.4	—
336	Aluminum castings .....	92.9	89.5	74.0	74.9	73.9	77.8	74.1	60.6	61.5	60.5
3361	Other nonferrous castings .....	51.0	49.4	39.6	39.9	—	43.2	41.5	32.7	33.1	—
3362,9	Miscellaneous primary metal products .....	41.9	40.1	34.4	35.0	—	34.6	32.6	27.9	28.4	—
339	Iron and steel forgings .....	80.0	80.4	72.7	72.3	73.3	64.5	64.8	57.4	57.3	58.0
3391	Iron and steel forgings .....	52.7	53.2	49.1	48.6	—	42.9	43.4	39.3	39.0	—
<b>FABRICATED METAL PRODUCTS</b> .....											
34	Metal cans .....	1,509.6	1,486.2	1,354.5	1,358.9	1,353.2	1,152.8	1,130.4	1,015.0	1,019.8	1,014.6
341	Cutlery, hand tools, and hardware .....	69.3	67.6	65.5	62.9	61.3	60.1	58.7	56.7	54.0	52.4
342	Cutlery and hand tools, including saws .....	176.3	173.8	154.9	158.3	161.3	136.6	134.2	117.8	121.2	123.5
3421,3,5	Hardware, nec .....	76.3	76.4	66.5	67.9	—	59.2	59.3	50.2	51.6	—
3429	Plumbing and heating, except electric .....	100.0	97.4	88.4	90.4	—	77.4	74.9	67.6	69.6	—
343	Sanitary ware and plumbers' brass goods .....	69.9	67.7	66.0	66.9	67.6	50.9	49.1	47.7	48.6	49.4
3431,2	Heating equipment, except electric .....	30.5	29.0	29.2	29.6	—	23.0	21.7	21.8	22.3	—
3433	Fabricated structural metal products .....	39.4	38.7	36.8	37.3	—	27.9	27.4	25.9	26.3	—
344	Fabricated structural steel .....	486.4	480.8	460.4	457.5	453.4	343.4	337.8	321.2	318.5	315.1
3441	Metal doors, sash, and trim .....	109.6	110.0	108.3	106.7	—	80.3	80.7	78.2	76.8	—
3442	Fabricated plate work (boiler shops) .....	74.3	71.9	70.6	70.8	—	53.2	51.1	50.4	51.5	—
3443	Sheet metal work .....	143.0	143.8	141.4	141.5	—	95.5	95.9	93.5	93.3	—
3444	Architectural and miscellaneous metal work .....	94.0	91.4	83.9	83.6	—	68.7	66.2	60.9	60.2	—
3446,9	Screw machine products, bolts, etc .....	65.5	63.7	56.2	54.9	—	45.7	43.9	38.2	36.7	—
345	Screw machine products .....	112.7	112.1	91.0	91.7	90.7	90.2	89.7	69.9	70.5	69.3
3451	Bolts, nuts, rivets, and washers .....	51.9	51.4	42.3	42.4	—	43.7	43.2	34.4	34.5	—
3452	Metal stampings .....	60.8	60.7	48.7	49.3	—	46.5	46.5	35.5	36.0	—
346	Metal services, nec .....	251.4	243.8	217.4	219.2	218.7	205.8	198.1	175.3	177.4	177.1
347	Miscellaneous fabricated wire products .....	94.4	92.4	82.7	83.2	83.7	78.2	76.1	67.0	67.5	68.1
348	Miscellaneous fabricated metal products .....	69.8	68.7	58.3	58.3	58.6	55.9	54.8	45.6	45.8	46.0
349	Valves, pipe, and pipe fittings .....	179.4	179.3	158.3	160.9	(*)	131.7	131.9	113.8	116.3	(*)
3494,8	Valves, pipe, and pipe fittings .....	114.5	115.1	103.3	105.1	—	80.5	81.3	70.0	71.6	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

52

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	2,245.2	2,241.3	2,028.5	2,031.5	2,030.4	1,508.9	1,503.4	1,310.0	1,313.3	1,314.3
351	Engines and turbines	124.0	124.8	104.8	110.0	111.9	83.3	84.1	65.5	71.2	72.4
3511	Steam engines and turbines	46.0	45.8	41.2	42.6	—	25.2	25.1	20.6	22.5	—
3519	Internal combustion engines, nec	78.0	79.0	63.6	67.4	—	58.1	59.0	44.9	48.7	—
352	Farm machinery	163.6	164.9	146.6	145.9	—	119.6	120.4	103.9	102.6	—
353	Construction and related machinery	349.1	351.3	343.5	343.4	340.5	232.2	232.7	226.0	225.6	223.7
3531.2	Construction and mining machinery	190.2	192.6	188.8	188.2	—	128.2	129.1	124.5	123.8	—
3533	Oil field machinery	57.7	59.0	66.9	67.4	—	41.6	42.8	48.5	49.0	—
3535.6	Conveyors, hoists, cranes, monorails	46.4	45.7	44.8	44.9	—	29.1	28.1	27.5	27.6	—
3537	Industrial trucks and tractors	38.1	37.3	28.7	28.8	—	24.9	24.3	18.0	17.9	—
354	Metal working machinery	343.7	343.4	301.7	300.4	300.3	256.0	255.7	218.3	217.3	217.9
3541	Machine tools, metal cutting types	67.7	67.8	62.1	60.7	—	45.0	45.4	41.0	39.7	—
3544	Special dies, tools, jigs, and fixtures	129.6	129.0	114.1	114.5	—	105.0	104.2	90.8	91.3	—
3545	Machine tool accessories	59.8	60.1	53.0	52.9	—	44.2	44.5	37.7	37.3	—
3642.8	Miscellaneous metal working machinery	86.6	86.5	72.5	72.3	—	61.8	61.6	48.8	49.0	—
355	Special industry machinery	207.1	204.9	175.3	174.4	173.7	136.6	134.1	111.0	110.4	109.5
3551	Food products machinery	45.2	45.2	40.6	40.2	—	30.0	30.1	26.5	25.9	—
3552	Textile machinery	40.3	39.3	29.7	30.1	—	30.5	29.4	20.8	21.3	—
3555	Printing trades machinery	30.3	29.5	25.0	25.0	—	19.1	18.3	15.0	15.1	—
356	General industrial machinery	310.6	311.2	284.2	281.6	282.8	211.1	211.3	185.6	183.6	184.5
3561	Pumps and compressors	87.1	86.7	80.3	79.5	—	54.4	53.9	47.9	47.2	—
3562	Ball and roller bearings	59.2	59.9	52.6	53.4	—	46.4	46.7	40.0	40.4	—
3564	Blowers and fans	38.6	38.6	35.3	33.6	—	24.8	24.9	22.3	21.1	—
3566	Power transmission equipment	52.9	53.2	48.4	48.1	—	38.4	38.6	34.3	34.2	—
357	Office and computing machines	300.8	298.7	279.6	281.3	282.0	135.1	133.8	112.8	113.3	113.7
3573	Electronic computing equipment	219.9	219.4	210.2	211.2	—	80.3	80.7	70.6	70.8	—
358	Service industry machines	176.5	173.3	146.6	146.7	(*)	123.4	120.6	98.3	99.2	(*)
3585	Refrigeration machinery	121.9	119.3	100.3	101.2	—	86.5	84.5	68.4	69.9	—
359	Miscellaneous machinery, except electrical	269.8	268.8	246.2	247.8	243.8	211.6	210.7	188.6	190.1	187.2
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	2,025.4	1,970.3	1,770.9	1,782.5	1,788.9	1,365.6	1,318.3	1,152.4	1,166.9	1,172.9
361	Electric test and distributing equipment	222.0	217.2	188.6	188.5	190.5	153.1	149.2	123.1	124.3	125.0
3611	Electric measuring instruments	77.8	76.7	67.5	67.2	—	49.6	48.6	40.0	40.4	—
3612	Transformers	61.2	59.0	47.7	47.6	—	45.5	43.4	33.3	33.3	—
3613	Switchgear and switchboard apparatus	83.0	81.5	73.4	73.7	—	58.0	57.2	49.8	50.6	—
362	Electrical industrial apparatus	232.1	227.5	198.7	197.8	199.0	165.7	161.7	138.2	137.6	138.5
3621	Motors and generators	115.1	112.5	97.6	97.2	—	85.4	83.1	71.6	71.4	—
3622	Industrial controls	71.5	70.4	62.9	62.5	—	47.1	46.2	40.0	39.7	—
363	Household appliances	189.0	178.7	162.5	162.6	161.7	148.3	136.7	124.8	125.4	125.1
3632	Household refrigerators and freezers	50.1	45.9	38.5	37.7	—	41.0	36.6	29.9	29.3	—
3633	Household laundry equipment	24.7	22.0	24.5	25.0	—	19.3	16.6	19.0	19.5	—
3634	Electric housewares and fans	56.6	55.3	47.7	47.3	—	44.5	42.0	37.0	36.9	—
364	Electric lighting and wiring equipment	211.0	203.3	181.8	184.2	186.7	162.4	155.9	137.7	140.0	142.6
3641	Electric lamps	38.4	38.0	33.1	33.9	—	34.2	33.8	29.1	30.1	—
3642	Lighting fixtures	69.7	67.7	60.9	61.3	—	54.4	52.4	46.4	46.7	—
3643.4	Wiring devices	102.9	97.6	87.8	89.0	—	73.8	69.7	62.2	63.2	—
365	Radio and TV receiving equipment	147.9	141.9	131.0	132.1	132.0	109.4	103.5	96.4	97.4	96.9
366	Communication equipment	463.8	463.5	425.8	424.2	421.6	242.5	243.5	210.5	209.9	208.3
3661	Telephone and telegraph apparatus	169.9	170.1	137.4	136.2	—	113.1	113.6	86.8	86.6	—
3662	Radio and TV communication equipment	293.9	293.4	288.4	288.0	—	129.4	129.9	123.7	123.3	—
367	Electronic components and accessories	415.2	394.4	348.6	356.6	359.7	271.1	255.3	218.0	226.5	229.9
3671.3	Electron tubes	50.1	47.3	43.5	43.4	—	33.6	31.3	28.3	28.3	—
3674.9	Other electronic components	365.1	347.1	305.1	313.2	—	237.5	224.0	189.7	198.2	—
369	Miscellaneous electrical equipment and supplies	144.4	143.8	133.9	136.5	137.7	113.1	112.5	103.7	105.8	106.6
3694	Engine electrical equipment	74.2	74.2	68.3	69.3	—	59.6	59.6	54.1	54.7	—
37	<b>TRANSPORTATION EQUIPMENT</b>	1,868.9	1,834.4	1,694.4	1,678.7	1,697.1	1,332.6	1,300.7	1,191.3	1,179.9	1,197.2
371	Motor vehicles and equipment	933.1	912.1	818.6	812.7	(*)	728.0	708.8	637.8	632.3	(*)
3711	Motor vehicles	392.9	379.3	347.6	342.2	—	290.5	278.3	260.8	254.3	—
3712	Passenger car bodies	49.6	49.4	46.0	45.3	—	40.9	40.4	36.6	36.0	—
3713	Truck and bus bodies	45.8	45.5	38.3	37.7	—	36.4	36.2	29.2	29.0	—
3714	Motor vehicle parts and accessories	414.2	408.2	369.5	369.7	—	336.1	330.6	298.9	300.3	—
3715	Truck trailers	30.6	29.7	17.2	17.8	—	24.1	23.3	12.3	12.7	—
372	Aircraft and parts	553.2	554.3	511.5	507.4	507.2	303.4	304.3	270.5	269.6	269.3
3721	Aircraft	299.2	300.6	277.3	275.3	—	153.6	154.5	135.1	136.0	—
3722	Aircraft engines and engine parts	149.3	148.7	136.5	135.8	—	82.4	81.7	74.9	74.3	—
3723.9	Other aircraft parts and equipment	104.7	105.0	97.7	96.3	—	67.4	68.1	60.5	59.3	—
373	Ship and boat building and repairing	203.9	201.3	192.5	192.0	191.5	161.8	159.0	150.0	149.8	149.7
3731	Ship building and repairing	156.8	156.2	152.3	151.3	—	123.9	122.9	117.8	116.8	—

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
	<b>DURABLE GOODS—Continued</b>										
	<b>TRANSPORTATION EQUIPMENT—Continued</b>										
3732	Boat building and repairing .....	47.1	45.1	40.2	40.7	—	37.9	36.1	32.2	33.0	—
374	Railroad equipment .....	55.0	56.5	49.1	49.5	—	42.3	43.9	36.4	36.9	—
375.9	Other transportation equipment .....	123.7	110.2	122.7	117.1	—	97.1	84.7	96.6	91.3	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	522.7	518.2	487.7	491.2	491.6	323.8	319.5	292.4	296.2	295.8
381	Engineering and scientific instruments .....	63.6	63.4	60.9	60.4	—	32.6	32.8	30.4	30.1	—
382	Mechanical measuring and control devices .....	121.2	117.7	109.4	110.4	110.5	78.2	75.1	67.9	69.2	69.5
3821	Mechanical measuring devices .....	79.9	79.3	74.4	74.4	—	49.3	48.6	43.4	43.6	—
3822	Automatic temperature controls .....	41.3	38.4	35.0	36.0	—	28.9	26.5	24.5	25.6	—
383.5	Optical and ophthalmic goods .....	63.5	63.5	59.6	59.9	60.0	44.0	44.0	40.2	40.6	40.7
385	Ophthalmic goods .....	41.2	41.2	38.9	39.1	—	30.5	30.5	28.4	28.7	—
384	Medical instruments and supplies .....	107.6	107.9	101.7	103.2	104.1	72.9	72.9	66.8	68.2	68.6
386	Photographic equipment and supplies .....	132.2	131.8	125.0	125.6	126.7	67.7	67.1	61.9	62.3	62.9
387	Watches, clocks, and watchcases .....	34.6	33.9	31.1	31.7	—	28.4	27.6	25.2	25.8	—
	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	460.5	444.4	425.5	427.9	421.1	362.6	347.1	330.1	331.9	324.9
391	Jewelry, silverware, and plated ware .....	56.3	55.4	51.0	52.2	52.5	41.7	40.9	37.5	38.3	38.6
394	Toys and sporting goods .....	139.7	129.8	127.8	128.5	—	115.2	105.3	101.5	101.9	—
3941.3	Games, toys, dolls, and play vehicles .....	78.3	69.4	77.2	77.2	—	65.1	56.2	61.2	60.9	—
3949	Sporting and athletic goods, nec .....	61.4	60.4	50.6	51.3	—	50.1	49.1	40.3	41.0	—
395	Pens, pencils, office, and art supplies .....	35.9	35.1	35.8	35.5	—	26.1	25.3	26.1	25.8	—
396	Costume jewelry and notions .....	59.2	58.1	56.2	56.2	—	48.2	47.2	46.4	46.4	—
393.9	Other manufacturing industries .....	169.4	166.0	154.7	155.5	154.8	131.4	128.4	118.6	119.5	118.6
393	Musical instruments and parts .....	27.7	26.4	23.6	23.8	—	23.2	22.1	19.4	19.8	—
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	1,772.3	1,715.3	1,812.7	1,764.7	1,711.8	1,224.9	1,172.3	1,268.9	1,221.7	1,169.3
201	Meat products .....	347.1	346.8	345.2	346.8	349.8	284.9	284.3	283.3	284.6	287.7
2011	Meat packing plants .....	171.7	173.4	167.2	166.7	—	138.0	139.7	134.4	133.6	—
2013	Sausages and other prepared meats .....	67.3	66.4	65.9	66.4	—	47.9	46.9	46.3	46.8	—
2015	Poultry dressing plants .....	108.1	107.0	112.1	113.7	—	99.0	97.7	102.6	104.0	—
202	Dairy products .....	200.5	198.4	196.3	194.5	194.0	102.2	101.0	101.0	99.7	99.0
2024	Ice cream and frozen desserts .....	22.6	21.5	22.9	21.6	—	12.0	11.5	12.5	11.4	—
2026	Fluid milk .....	131.8	131.0	128.0	126.9	—	55.5	55.0	54.4	53.8	—
203	Canned, cured, and frozen foods .....	339.8	300.8	408.2	346.2	—	290.4	253.0	360.9	298.3	—
2031.6	Canned, cured, and frozen sea foods .....	50.6	50.2	48.8	48.3	—	43.7	43.5	42.2	41.8	—
2032.3	Canned food, except sea foods .....	161.7	133.1	236.9	172.7	—	135.9	108.6	213.2	148.1	—
2037	Frozen fruits and vegetables .....	75.9	71.1	73.8	74.8	—	68.0	63.3	65.8	67.0	—
204	Grain mill products .....	138.0	136.1	141.0	140.4	140.5	97.2	95.4	99.0	99.0	99.3
2041	Flour and other grain mill products .....	26.9	26.9	26.0	25.9	—	19.3	19.4	18.6	18.7	—
2042	Prepared feeds for animals and fowls .....	71.1	69.3	73.0	72.5	—	47.3	45.6	48.7	48.3	—
205	Bakery products .....	243.1	240.9	239.1	240.1	240.0	139.7	138.3	137.2	137.8	137.6
2051	Bread, cake, and related products .....	202.0	200.5	198.5	198.5	—	107.5	106.6	105.3	104.8	—
2052	Cookies and crackers .....	41.1	40.4	40.6	41.6	—	32.2	31.7	31.9	33.0	—
206	Sugar .....	46.6	42.0	32.5	46.1	—	39.0	34.5	24.1	37.1	—
207	Confectionery and related products .....	80.0	76.9	76.6	78.5	(*)	62.8	59.7	58.8	60.6	(*)
2071	Confectionery products .....	60.1	58.1	56.7	58.7	—	48.1	46.1	44.4	46.3	—
208	Beverages .....	228.5	223.4	227.8	225.3	225.4	111.9	108.8	110.7	109.5	109.2
2082	Malt liquors .....	51.1	50.1	51.8	49.4	—	33.8	33.3	34.7	32.7	—
2086	Bottled and canned soft drinks .....	127.2	124.7	129.4	127.1	—	46.8	45.6	48.2	46.8	—
209	Miscellaneous foods and kindred products .....	148.7	150.0	146.0	146.8	147.8	96.8	97.3	93.9	95.1	95.9
21	<b>TOBACCO MANUFACTURES</b> .....	88.9	83.1	88.5	88.0	87.1	75.1	69.2	74.6	74.0	73.5
211	Cigarettes .....	45.7	45.6	45.3	45.3	—	37.3	36.9	36.7	36.8	—
212	Cigars .....	14.0	14.3	11.5	11.4	—	12.6	12.8	10.1	10.0	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	962.5	944.0	936.9	951.7	956.4	836.2	818.4	817.3	831.7	835.4
221	Weaving mills, cotton .....	177.6	172.5	168.8	171.1	172.6	160.0	155.2	153.1	155.5	157.0
222	Weaving mills, synthetics .....	122.4	120.2	117.4	118.8	120.4	108.5	106.5	104.9	106.2	107.4
223	Weaving and finishing mills, wool .....	22.4	21.6	21.0	21.3	21.5	18.6	17.8	17.3	17.6	17.8
224	Narrow fabric mills .....	25.7	24.7	23.8	24.7	24.9	22.4	21.4	20.6	21.4	21.5
225	Knitting mills .....	261.0	257.4	253.5	256.9	256.5	225.6	221.7	218.3	222.2	221.4
2251	Women's hosiery, except socks .....	39.0	38.9	39.2	39.1	—	34.4	33.9	34.5	34.5	—
2252	Hosiery, nec .....	32.5	32.0	33.4	33.7	—	28.9	28.3	29.7	30.0	—
2253	Knit outerwear mills .....	81.7	80.6	73.7	75.9	—	69.4	68.2	62.3	64.8	—
2254	Knit underwear mills .....	36.7	37.0	36.9	37.3	—	32.7	33.1	32.1	32.5	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
<b>NONDURABLE GOODS—Continued</b>											
<b>TEXTILE MILL PRODUCTS—Continued</b>											
226	Textile finishing, except wool .....	70.7	78.8	80.2	81.2	81.8	57.6	65.9	67.9	69.0	69.5
227	Floor covering mills .....	64.9	61.7	60.1	61.1	—	52.1	49.2	48.0	48.6	—
228	Yarn and thread mills .....	145.8	138.1	146.5	150.5	151.7	132.7	124.7	133.6	137.1	138.5
229	Miscellaneous textile goods .....	72.0	69.0	65.6	66.1	66.3	58.7	56.0	53.6	54.1	54.0
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	1,345.1	1,316.4	1,278.3	1,302.1	1,302.1	1,159.5	1,134.7	1,102.3	1,123.4	1,122.4
231	Men's and boys' suits and coats .....	98.9	97.1	85.8	85.2	85.8	86.2	84.2	74.8	74.4	75.0
232	Men's and boys' furnishings .....	388.5	381.6	363.6	370.4	373.2	333.8	328.2	312.0	318.3	319.9
2321	Men's and boys' shirts and nightwear .....	124.9	121.7	113.2	115.1	—	109.7	106.7	98.8	100.4	—
2327	Men's and boys' separate trousers .....	87.4	85.6	81.6	83.8	—	76.8	75.2	71.5	73.8	—
2328	Men's and boys' work clothing .....	92.0	91.8	88.2	90.1	—	75.4	75.7	72.9	74.7	—
233	Women's and misses' outerwear .....	412.7	405.1	395.9	404.6	(*)	361.7	355.6	347.7	355.2	(*)
2331	Women's and misses' blouses and waists .....	50.5	49.8	50.6	51.6	—	44.4	43.9	44.6	45.6	—
2335	Women's and misses' dresses .....	180.9	176.2	172.7	174.6	—	161.5	157.6	155.5	156.9	—
2337	Women's and misses' suits and coats .....	66.6	63.8	64.1	65.6	—	57.3	54.8	54.4	55.7	—
2339	Women's and misses' outerwear, nec .....	114.7	115.3	108.5	112.9	—	98.5	99.3	93.2	97.0	—
234	Women's and children's undergarments .....	106.2	104.0	101.9	103.3	102.8	90.8	88.8	86.9	88.2	88.0
2341	Women's and children's underwear .....	79.6	77.8	77.8	78.9	—	69.1	67.5	67.5	68.6	—
2342	Corsets and allied garments .....	26.6	26.2	24.1	24.4	—	21.7	21.3	19.4	19.6	—
235	Hats, caps, and millinery .....	15.8	15.5	15.4	15.5	—	14.1	13.9	13.5	13.6	—
236	Children's outerwear .....	73.6	71.1	73.8	75.8	75.5	63.7	61.2	64.4	66.1	65.5
2361	Children's dresses and blouses .....	30.3	28.9	29.3	30.7	—	27.1	25.7	26.6	27.9	—
237,8	Fur goods and miscellaneous apparel .....	70.3	67.7	66.6	67.7	—	60.0	58.0	57.7	58.5	—
239	Miscellaneous fabricated textile products .....	179.1	174.3	175.3	179.6	178.8	149.2	144.8	145.3	149.1	148.2
2391,2	Housefurnishings .....	73.0	70.1	76.1	78.1	—	61.1	58.7	64.0	65.9	—
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	697.8	690.7	649.0	654.4	658.6	534.0	527.0	488.8	493.4	497.4
261,2,6	Paper and pulp mills .....	204.7	204.4	192.0	192.5	193.9	158.8	158.3	146.6	146.7	147.9
263	Paperboard mills .....	70.5	70.5	66.5	67.8	68.7	56.4	56.3	52.4	53.7	55.0
264	Miscellaneous converted paper products .....	208.1	205.9	190.4	191.2	191.4	151.0	149.2	135.6	136.2	136.5
2643	Bags, except textile bags .....	45.3	45.9	41.8	42.8	—	36.9	37.4	33.3	34.1	—
265	Paperboard containers and boxes .....	214.5	209.9	200.1	202.9	204.6	167.8	163.2	154.2	156.8	158.0
2651,2	Folding and setup paperboard boxes .....	61.2	59.7	56.4	57.2	—	49.7	48.2	45.3	46.1	—
2653	Corrugated and solid fiber boxes .....	103.9	102.0	96.8	98.3	—	78.0	76.0	71.2	72.3	—
2654	Sanitary food containers .....	29.4	29.1	29.2	29.4	—	24.1	23.9	24.0	24.2	—
27	<b>PRINTING AND PUBLISHING</b> .....	1,116.8	1,110.9	1,072.4	1,075.6	1,075.7	671.6	665.3	631.9	631.5	631.4
271	Newspapers .....	387.8	385.9	375.8	376.3	377.6	176.6	174.8	167.0	165.6	166.5
272	Periodicals .....	69.5	69.9	69.3	70.1	—	20.2	20.2	18.2	18.2	—
273	Books .....	93.7	92.9	90.1	90.0	—	51.3	50.5	47.7	47.2	—
275	Commercial printing .....	372.6	371.0	358.0	360.0	359.0	283.3	281.6	270.0	271.6	270.1
2751	Commercial printing, except lithographic .....	210.6	209.7	202.7	204.4	—	162.9	162.0	155.4	157.0	—
2752	Commercial printing, lithographic .....	151.6	150.8	145.7	145.8	—	112.9	112.0	107.5	107.4	—
278	Blankbooks and bookbinding .....	55.1	54.0	49.5	48.9	48.7	46.6	45.3	40.8	40.1	40.1
274,6,7,9	Other publishing and printing ind .....	138.1	137.2	129.7	130.3	130.7	93.6	92.9	88.2	88.8	88.3
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	1,067.7	1,058.3	1,015.3	1,018.1	1,015.6	620.2	611.6	574.3	577.8	576.3
281	Industrial chemicals .....	328.8	329.5	323.0	325.7	326.7	179.1	179.4	170.2	172.5	173.0
2812	Alkalies and chlorine .....	21.6	21.9	21.5	21.4	—	15.6	15.9	15.4	15.4	—
2818	Industrial organic chemicals, nec .....	136.1	136.6	134.6	134.8	—	60.4	60.6	57.7	58.0	—
2819	Industrial inorganic chemicals, nec .....	106.4	106.4	105.4	107.1	—	61.6	61.5	58.7	60.0	—
282	Plastics materials and synthetics .....	231.5	225.4	206.9	208.1	206.6	158.5	152.6	137.2	138.5	136.8
2821	Plastics materials and resins .....	97.0	96.6	86.0	86.7	—	60.6	60.7	52.0	52.8	—
2823,4	Synthetic fibers .....	121.6	116.0	108.8	109.3	—	89.0	83.1	76.7	77.2	—
283	Drugs .....	165.9	165.6	163.8	163.6	164.5	82.9	82.3	80.1	80.0	82.3
2834	Pharmaceutical preparations .....	132.0	131.6	130.9	130.5	—	63.7	63.0	61.8	61.6	—
284	Soap, cleaners, and toilet goods .....	126.3	124.1	121.6	120.4	119.0	73.5	71.7	71.5	71.1	70.1
2841	Soap and other detergents .....	39.9	39.6	38.7	38.8	—	26.7	26.5	25.8	26.0	—
2844	Toilet preparations .....	53.5	51.9	50.8	49.2	—	30.8	29.5	29.5	28.7	—
285	Paints and allied products .....	69.5	68.4	65.8	64.9	(*)	37.8	37.0	35.6	34.6	—
287	Agricultural chemicals .....	52.8	53.1	52.9	53.9	53.4	31.7	32.3	31.9	32.9	32.4
2871,2	Fertilizers, complete and mixing only .....	33.0	33.4	31.6	32.2	—	22.4	22.8	21.3	21.9	—
286,9	Other chemical products .....	92.9	92.2	81.3	81.5	81.9	56.7	56.3	47.8	48.2	48.2
2892	Explosives .....	21.8	21.8	17.0	16.8	—	14.5	14.6	11.0	10.8	—
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	200.7	200.0	203.5	202.8	202.5	128.1	127.2	131.0	130.8	130.1
291	Petroleum refining .....	155.2	155.8	157.3	156.8	157.5	95.1	95.2	97.1	97.2	97.3
295,9	Other petroleum and coal products .....	45.5	44.2	46.2	46.0	45.0	33.0	32.0	33.9	33.6	32.8

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>
	<b>NONDURABLE GOODS—Continued</b>										
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC...</b>	686.0	661.6	604.4	611.2	612.1	539.4	516.2	467.9	474.0	474.6
301	Tires and inner tubes .....	131.0	131.1	117.0	117.5	117.4	95.2	95.3	84.7	85.4	84.4
302,3,6	Other rubber products .....	189.2	182.2	158.8	160.7	161.7	150.1	144.3	124.2	125.7	126.5
302	Rubber footwear .....	27.0	25.7	22.5	23.0	—	23.2	22.0	18.9	19.2	—
307	Miscellaneous plastics products .....	365.8	348.3	328.6	333.0	333.0	294.1	276.6	259.0	262.9	263.7
31	<b>LEATHER AND LEATHER PRODUCTS .....</b>	270.3	271.7	262.3	266.4	270.8	230.1	231.8	225.8	229.2	233.7
311	Leather tanning and finishing .....	22.4	22.3	23.4	23.8	24.0	19.2	19.1	20.3	20.5	20.7
314	Footwear, except rubber .....	168.4	170.9	163.1	165.4	168.5	145.1	147.9	142.2	144.0	147.4
312,3,5-7,9	Other leather products .....	79.5	78.5	75.8	77.2	78.3	65.8	64.8	63.3	64.7	65.6
316	Luggage .....	18.5	18.0	16.9	17.1	—	14.7	14.2	13.5	13.6	—
317	Handbags and personal leather goods .....	35.7	35.4	36.0	36.9	—	29.9	29.6	30.3	31.2	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES .....</b>	4,714	4,697	4,503	4,500	4,491	4,069	4,051	3,862	3,860	3,851
40	<b>RAILROAD TRANSPORTATION .....</b>	591.0	589.0	529.5	531.3	—	—	—	—	—	—
4011	Class I railroads <sup>2</sup> .....	534.8	533.1	484.2	485.8	—	—	—	—	—	—
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT .....</b>	277.7	281.6	275.9	277.6	—	—	—	—	—	—
411	Local and suburban transportation .....	65.1	68.7	68.5	68.6	—	60.6	64.2	63.5	63.6	—
412	Taxis .....	90.8	91.9	80.7	79.6	—	—	—	—	—	—
413	Intercity highway transportation .....	41.7	40.9	39.8	38.2	—	37.6	36.9	35.9	34.5	—
42	<b>TRUCKING AND WAREHOUSING .....</b>	1,193.1	1,171.6	1,106.9	1,111.2	—	1,073.1	1,050.7	991.4	995.4	—
421,3	Trucking and trucking terminals .....	1,094.7	1,073.0	1,017.5	1,018.5	—	987.4	964.4	914.5	915.0	—
422	Public warehousing .....	98.4	98.6	89.4	92.7	—	85.7	86.3	76.9	80.4	—
45	<b>TRANSPORTATION BY AIR .....</b>	366.2	373.9	357.9	355.5	—	—	—	—	—	—
451,2	Air transportation .....	328.1	335.5	321.9	319.7	—	—	—	—	—	—
46	<b>PIPELINE TRANSPORTATION .....</b>	16.4	16.4	16.6	16.4	—	12.8	12.8	12.7	12.4	—
44,47	<b>OTHER TRANSPORTATION AND SERVICES .....</b>	339.2	339.7	327.3	324.0	—	—	—	—	—	—
44	Water transportation .....	202.3	203.3	187.5	183.4	—	—	—	—	—	—
47	Transportation services .....	136.9	136.4	139.8	140.6	—	—	—	—	—	—
48	<b>COMMUNICATION .....</b>	1,189.3	1,183.9	1,165.0	1,158.4	—	921.5	915.1	897.4	891.1	—
481	Telephone communication .....	989.8	984.0	958.8	952.3	—	763.1	756.1	732.0	725.8	—
482	Telegraph communication <sup>3</sup> .....	19.8	19.7	18.6	18.6	—	13.7	13.6	13.0	13.1	—
483	Radio and television broadcasting .....	148.5	148.9	155.0	154.8	—	118.5	119.0	124.3	123.8	—
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES .....</b>	740.8	740.4	724.2	725.8	—	621.7	620.9	602.5	603.2	—
491	Electric companies and systems .....	323.0	322.6	305.0	307.9	—	268.8	268.4	250.8	253.3	—
492	Gas companies and systems .....	158.2	158.0	160.7	159.5	—	131.3	131.0	133.1	131.7	—
493	Combination companies and systems .....	196.6	196.6	194.1	193.9	—	167.2	167.0	163.7	163.3	—
494-7	Water, steam, and sanitary systems .....	63.0	63.2	64.4	64.5	—	54.4	54.5	54.9	54.9	—
—	<b>WHOLESALE AND RETAIL TRADE .....</b>	17,249	17,361	17,084	17,130	17,328	15,274	15,385	15,185	15,219	15,408
50	<b>WHOLESALE TRADE .....</b>	4,276	4,271	4,194	4,211	4,214	3,568	3,565	3,477	3,490	3,493
501	Motor vehicles and automotive equipment .....	382.9	381.7	366.7	367.6	—	308.4	307.4	299.5	299.7	—
502	Drugs, chemicals, and allied products .....	243.4	246.2	239.7	240.9	—	198.7	201.2	192.6	193.5	—
503	Dry goods and apparel .....	162.2	162.4	153.8	155.5	—	127.2	127.7	120.3	121.8	—
504	Groceries and related products .....	599.4	594.8	609.0	613.7	—	527.2	522.6	532.0	536.5	—
506	Electrical goods .....	343.4	341.6	321.0	320.6	—	292.2	291.3	270.1	270.1	—
507	Hardware, plumbing and heating equipment .....	191.6	190.5	182.5	182.4	—	160.6	159.1	151.2	150.8	—
508	Machinery, equipment, and supplies .....	888.7	891.0	874.1	869.9	—	742.2	744.5	723.1	718.7	—
509	Miscellaneous wholesalers .....	1,352.4	1,353.3	1,342.4	1,346.5	—	1,119.6	1,121.7	1,102.0	1,103.6	—
52-59	<b>RETAIL TRADE .....</b>	12,973	13,090	12,890	12,919	13,114	11,706	11,820	11,708	11,729	11,915
53	Retail General Merchandise .....	2,591.6	2,726.5	2,442.3	2,502.6	—	2,377.0	2,506.1	2,236.6	2,296.3	—
531	Department stores .....	1,736.0	1,834.0	1,635.2	1,677.1	—	1,595.2	1,688.2	1,502.1	1,543.7	—
532	Mail order houses .....	151.6	167.0	124.9	136.1	—	143.5	158.6	118.1	129.3	—
533	Variety stores .....	327.3	344.1	306.3	309.9	—	305.1	322.4	284.4	287.6	—
54	<b>FOOD STORES .....</b>	1,977.2	1,986.7	1,948.7	1,959.4	—	1,837.0	1,844.3	1,805.8	1,815.6	—
541,3	Grocery, meat, and vegetable stores .....	1,801.5	1,808.0	1,773.0	1,782.1	—	1,672.9	1,677.9	1,642.3	1,651.7	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
—	<b>WHOLESALE AND RETAIL TRADE—Continued</b>										
56	<b>APPAREL AND ACCESSORY STORES</b>	795.2	814.6	778.3	787.0	—	699.6	717.7	681.8	689.6	—
561	Men's and boys' clothing and furnishings	139.6	143.5	132.8	136.2	—	121.7	125.5	114.9	118.4	—
562	Women's ready-to-wear stores	300.0	306.9	290.9	292.7	—	264.5	270.9	256.2	258.0	—
565	Family clothing stores	119.9	125.3	120.8	123.6	—	110.7	115.5	109.9	112.3	—
566	Shoe stores	162.3	163.7	163.7	162.5	—	137.2	138.6	138.4	136.8	—
57	<b>FURNITURE AND HOME FURNISHINGS</b>										
	<b>STORES</b>	530.6	529.0	509.1	515.8	—	454.1	452.2	431.6	438.1	—
571	Furniture and home furnishings	328.5	325.8	312.5	314.8	—	281.7	279.1	265.3	267.4	—
58	<b>EATING AND DRINKING PLACES</b>	3,271.6	3,221.0	3,431.7	3,363.8	—	3,058.5	3,011.6	3,293.9	3,220.8	—
52,55,59	<b>OTHER RETAIL TRADE</b>	3,807.0	3,811.9	3,779.9	3,790.6	—	3,280.2	3,288.4	3,258.2	3,268.5	—
52	Building materials and farm equipment	623.4	616.0	614.3	614.8	—	533.5	527.4	526.1	526.4	—
55	Automotive dealers and service stations	1,736.1	1,721.5	1,714.8	1,702.6	—	—	—	—	—	—
551.2	Motor vehicle dealers	800.3	788.9	765.8	765.4	—	667.1	657.1	638.1	638.0	—
553.9	Other automotive and accessory dealers	316.9	314.6	321.8	318.2	—	267.8	266.1	270.2	266.1	—
554	Gasoline service stations	618.9	618.0	627.2	619.0	—	—	—	—	—	—
59	Miscellaneous retail stores	1,447.5	1,474.4	1,450.8	1,473.2	—	—	—	—	—	—
591	Drug stores and proprietary stores	469.0	472.3	469.1	473.4	—	421.0	423.5	418.8	422.5	—
594	Book and stationery stores	79.8	80.0	79.8	79.9	—	68.4	68.5	68.2	68.4	—
596	Farm and garden supply stores	126.1	125.7	129.5	130.9	—	—	—	—	—	—
598	Fuel and ice dealers	99.2	101.2	94.4	96.0	—	84.4	86.6	80.1	82.1	—
—	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>	4,220	4,213	4,243	4,240	4,241	3,247	3,222	3,240	3,235	3,234
60	Banking	1,267.2	1,269.6	1,277.6	1,277.7	—	1,002.9	1,005.2	1,008.5	1,007.9	—
61	Credit agencies other than banks	431.3	429.0	440.7	443.5	—	330.9	328.9	337.3	340.3	—
612	Savings and loan associations	153.7	153.8	169.5	171.6	—	124.1	124.1	136.4	138.4	—
614	Personal credit institutions	199.2	197.0	191.7	192.0	—	—	—	—	—	—
62	Security, commodity brokers and services	167.4	169.1	172.3	171.0	—	135.8	137.4	140.9	139.9	—
63	Insurance carriers	1,106.0	1,109.5	1,102.3	1,101.8	—	757.8	744.3	741.8	740.3	—
631	Life insurance	525.7	526.9	521.0	520.0	—	306.4	307.0	301.6	299.2	—
632	Accident and health insurance	113.9	115.3	119.5	119.6	—	95.1	96.1	99.5	99.5	—
633	Fire, marine, and casualty insurance	410.3	411.4	404.1	404.5	—	309.8	295.0	293.4	294.2	—
64	Insurance agents, brokers, and service	321.6	323.6	332.7	334.2	—	—	—	—	—	—
65	Real estate	814.4	800.1	804.1	798.2	—	—	—	—	—	—
655	Subdividers and developers	128.5	123.8	120.4	116.7	—	—	—	—	—	—
656	Operative builders	63.3	61.3	56.5	56.6	—	—	—	—	—	—
66,67	Other finance, insurance, and real estate	112.4	112.1	113.4	113.5	—	—	—	—	—	—
—	<b>SERVICES</b>	13,825	13,808	14,113	14,179	14,169	12,464	12,443	12,710	12,778	12,759
70	Hotels and other lodging places	938.0	914.3	1,020.4	967.3	—	—	—	—	—	—
701	Hotels, tourist courts, and motels	799.0	777.4	839.5	806.2	—	743.0	721.8	778.0	746.3	—
72	Personal services	860.8	856.9	832.4	836.1	—	—	—	—	—	—
721	Laundries and dry cleaning plants	373.4	370.0	357.9	357.3	—	336.7	333.8	320.7	320.4	—
722	Photographic studios	49.3	49.6	46.5	50.4	—	44.4	44.8	42.0	45.8	—
73	Miscellaneous business services	2,041.8	2,028.3	2,029.8	2,041.5	—	—	—	—	—	—
731	Advertising	120.4	121.5	119.5	120.4	—	—	—	—	—	—
732	Credit reporting and collection	80.6	80.2	79.9	80.1	—	—	—	—	—	—
734	Services to buildings	397.9	394.3	395.5	397.5	—	—	—	—	—	—
76	Miscellaneous repair services	229.5	229.2	216.5	217.0	—	—	—	—	—	—
78	Motion pictures	206.2	201.1	214.2	202.5	—	—	—	—	—	—
781	Motion picture filming and distributing	67.5	64.1	67.4	64.5	—	51.7	48.5	48.4	47.0	—
782,3	Motion picture theaters and services	138.7	137.0	146.8	138.0	—	—	—	—	—	—
80	Medical and other health services	4,024.1	4,050.9	4,236.5	4,258.7	—	—	—	—	—	—
806	Hospitals	2,214.5	2,228.1	2,306.5	2,318.7	—	2,024.5	2,036.9	2,109.8	2,119.3	—
81	Legal services	326.0	329.5	343.2	346.9	—	—	—	—	—	—
82	Educational services	1,242.1	1,266.4	1,169.9	1,286.3	—	—	—	—	—	—
821	Elementary and secondary schools	402.7	410.1	365.0	375.3	—	—	—	—	—	—
822	Colleges and universities	692.6	708.4	653.8	751.4	—	—	—	—	—	—
89	Miscellaneous services	866.3	866.0	875.3	877.1	—	—	—	—	—	—
891	Engineering and architectural services	405.3	401.1	402.8	403.1	—	—	—	—	—	—
892	Nonprofit research agencies	129.9	132.5	140.1	141.7	—	—	—	—	—	—

See footnotes at end of table.



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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>
—	GOVERNMENT .....	14,445	14,602	14,587	15,023	15,152	—	—	—	—	—
91	FEDERAL GOVERNMENT <sup>5</sup> .....	2,721	2,724	2,746	2,742	2,750	—	—	—	—	—
	Executive .....	2,673.1	2,676.5	2,697.5	2,693.7	—	—	—	—	—	—
	Department of Defense .....	959.7	960.0	949.6	949.0	—	—	—	—	—	—
	Postal Service .....	695.7	700.7	691.2	688.7	—	—	—	—	—	—
	Other agencies .....	1,017.7	1,015.8	1,056.7	1,056.0	—	—	—	—	—	—
	Legislative .....	37.9	38.1	37.8	37.8	—	—	—	—	—	—
	Judicial .....	9.7	9.6	10.5	10.5	—	—	—	—	—	—
92,93	STATE AND LOCAL GOVERNMENT .....	11,724	11,878	11,814	12,281	12,402	—	—	—	—	—
92	State government .....	3,138.5	3,181.6	3,170.5	3,270.6	—	—	—	—	—	—
	State education .....	1,357.1	1,387.3	1,306.8	1,428.9	—	—	—	—	—	—
	Other State government .....	1,781.4	1,794.3	1,863.7	1,841.7	—	—	—	—	—	—
93	Local government .....	8,585.5	8,696.6	8,643.9	9,010.0	—	—	—	—	—	—
	Local education .....	4,919.8	5,008.1	4,678.5	5,091.7	—	—	—	—	—	—
	Other local government .....	3,665.7	3,688.5	3,965.4	3,918.3	—	—	—	—	—	—

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

<sup>2</sup> Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000, or more.

<sup>3</sup> Data for nonsupervisory workers exclude messengers.

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

<sup>5</sup> Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

\* Not available.

p=preliminary.

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

**B-4. Indexes of employment on nonagricultural payrolls, by industry division, 1919 to date, monthly data seasonally adjusted**

[1967 = 100]

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	41.1	55.1	184.8	31.8	54.8	33.5	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920.....	41.5	54.8	202.1	26.4	54.8	34.3	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1925.....	43.7	53.6	177.7	45.1	51.1	38.3	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926.....	45.3	55.4	193.3	48.5	52.2	39.7	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927.....	45.5	54.7	181.7	50.1	51.4	40.5	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928.....	45.6	54.2	171.3	50.1	51.1	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929.....	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930.....	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931.....	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932.....	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933.....	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934.....	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935.....	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936.....	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937.....	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938.....	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939.....	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940.....	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941.....	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942.....	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943.....	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944.....	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945.....	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946.....	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947.....	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948.....	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949.....	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950.....	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951.....	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952.....	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953.....	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954.....	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955.....	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956.....	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957.....	80.3	89.9	135.1	91.1	88.3	75.1	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958.....	78.0	83.7	122.5	86.6	82.0	74.9	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959.....	81.0	87.5	119.4	92.3	85.7	77.4	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960.....	82.4	87.6	116.2	89.9	86.4	79.5	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961.....	82.1	85.2	109.6	87.8	84.0	80.4	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962.....	84.4	87.7	106.0	90.5	86.7	82.6	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963.....	86.1	88.5	103.6	92.4	87.4	84.8	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964.....	88.6	90.1	103.4	95.1	88.8	87.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965.....	92.3	94.0	103.1	99.3	92.9	91.4	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966.....	97.1	99.3	102.3	102.1	98.8	95.9	97.4	97.3	97.5	97.3	96.1	94.6	94.7	94.3	94.8
1967.....	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	100.0	100.0
1968.....	103.2	101.8	98.9	103.1	101.7	103.9	101.2	103.6	102.4	104.0	104.8	105.2	103.9	100.7	105.0
1969.....	107.0	104.5	101.0	109.9	103.7	108.3	104.1	108.1	105.9	108.8	110.4	111.2	107.1	101.4	108.8
1970.....	107.7	101.0	101.6	110.2	99.5	111.3	105.7	110.5	108.3	111.3	114.3	115.1	110.2	100.4	113.3
1971.....	108.1	98.1	99.3	113.4	95.5	113.6	104.6	112.8	108.5	114.4	117.9	117.9	113.1	99.2	117.4
1972.....	111.9	101.2	102.0	119.4	98.2	117.8	106.0	117.4	111.9	119.4	122.3	122.7	117.0	98.7	122.8
1973.....	116.8	106.3	105.1	125.2	103.2	122.5	109.0	122.5	116.5	124.7	126.9	128.9	120.5	97.9	127.6
1974.....	119.1	106.1	113.2	123.3	103.1	126.1	110.2	125.1	119.8	126.9	130.5	134.8	124.4	100.2	132.0
Nov.....	119.0	103.9	117.8	119.3	101.0	127.2	109.9	125.4	120.2	127.2	131.0	136.9	126.3	100.8	134.3
Dec.....	118.0	101.6	111.9	117.5	98.7	127.0	109.3	124.5	119.8	126.1	131.1	137.0	126.5	100.7	134.6
1975:															
Jan.....	117.4	100.0	117.9	116.9	96.7	126.9	108.0	124.2	119.2	126.0	130.8	137.2	126.9	100.6	135.2
Feb.....	116.6	97.5	118.1	112.0	94.5	127.1	107.1	124.1	118.8	125.9	130.5	137.3	128.0	100.5	136.7
Mar.....	116.1	96.4	118.9	108.1	93.7	126.9	105.7	123.8	118.5	125.7	130.4	137.3	128.3	100.5	136.9
Apr.....	116.1	96.0	119.4	107.3	93.4	127.1	105.8	123.8	118.5	125.7	130.5	137.4	128.9	100.4	137.8
May.....	116.2	96.0	120.4	107.2	93.4	127.2	105.4	123.9	118.4	125.8	130.5	137.5	129.2	100.5	138.2
June.....	115.9	95.6	120.9	105.7	93.1	127.1	104.9	124.0	117.8	126.2	130.3	137.4	128.9	100.7	137.7
July.....	116.4	95.5	121.2	105.8	93.0	127.9	104.8	124.8	118.0	127.2	130.3	138.5	130.0	101.0	139.1
Aug.....	117.0	96.3	122.2	106.5	93.9	128.2	104.8	125.1	118.0	127.5	130.8	139.1	130.3	101.4	139.4
Sept.....	117.4	97.1	122.7	107.0	94.7	128.5	104.8	125.3	118.6	127.6	131.4	139.7	130.2	101.7	139.2
OctP.....	117.7	97.4	126.3	106.1	95.1	128.8	105.0	125.2	118.6	127.5	131.7	140.1	131.0	101.8	140.1
NovP.....	117.8	97.4	124.5	106.3	95.1	128.9	105.1	125.1	118.6	127.4	131.9	140.4	131.1	101.8	140.2

p = preliminary.

increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an \* month.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**
**B-5. Employees on nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. p	Nov. p
<b>TOTAL</b> .....	78,374	77,723	77,319	76,804	76,468	76,462	76,510	76,343	76,679	77,023	77,310	77,508	77,549
<b>GOODS-PRODUCING</b> .....	24,186	23,646	23,270	22,691	22,422	22,328	22,339	22,233	22,222	22,418	22,601	22,673	22,669
<b>MINING</b> .....	722	686	723	724	729	732	738	741	743	749	752	774	763
<b>CONTRACT CONSTRUCTION</b> .....	3,826	3,770	3,749	3,592	3,467	3,441	3,439	3,392	3,395	3,415	3,432	3,404	3,409
<b>MANUFACTURING</b> .....	19,638	19,190	18,798	18,375	18,226	18,155	18,162	18,100	18,084	18,254	18,417	18,495	18,497
<b>DURABLE GOODS</b> .....	11,656	11,357	11,099	10,813	10,728	10,637	10,595	10,527	10,465	10,563	10,650	10,665	10,672
Ordnance and accessories .....	177	176	177	177	177	176	177	173	172	167	165	164	165
Lumber and wood products .....	579	569	551	537	539	536	546	552	557	563	568	572	568
Furniture and fixtures .....	486	474	454	441	434	436	439	437	441	452	464	466	468
Stone, clay, and glass products .....	667	655	635	620	610	608	609	605	604	610	615	615	617
Primary metal industries .....	1,339	1,308	1,284	1,248	1,218	1,189	1,168	1,149	1,134	1,148	1,169	1,149	1,153
Fabricated metal products .....	1,467	1,425	1,374	1,357	1,336	1,332	1,324	1,317	1,298	1,331	1,340	1,343	1,336
Machinery, except electrical .....	2,244	2,214	2,183	2,153	2,128	2,098	2,064	2,035	2,017	2,013	2,035	2,042	2,032
Electrical equipment and supplies .....	1,951	1,888	1,850	1,785	1,773	1,746	1,735	1,723	1,712	1,747	1,755	1,768	1,771
Transportation equipment .....	1,802	1,722	1,674	1,594	1,624	1,631	1,653	1,657	1,645	1,645	1,643	1,649	1,667
Instruments and related products .....	515	511	506	497	490	488	481	481	482	481	486	489	489
Miscellaneous manufacturing .....	429	415	411	404	399	397	399	398	403	406	410	408	406
<b>NONDURABLE GOODS</b> .....	7,982	7,833	7,699	7,562	7,498	7,518	7,567	7,573	7,619	7,691	7,767	7,830	7,825
Food and kindred products .....	1,693	1,684	1,668	1,662	1,659	1,664	1,670	1,671	1,668	1,688	1,693	1,697	1,690
Tobacco manufactures .....	77	78	80	79	77	75	75	79	79	78	80	79	81
Textile mill products .....	939	908	870	849	845	865	885	891	897	918	938	954	952
Apparel and other textile products .....	1,298	1,246	1,218	1,188	1,180	1,191	1,205	1,215	1,245	1,245	1,261	1,284	1,284
Paper and allied products .....	685	674	663	647	636	629	631	627	633	639	648	651	653
Printing and publishing .....	1,107	1,104	1,101	1,094	1,089	1,084	1,079	1,073	1,068	1,072	1,075	1,072	1,071
Chemicals and allied products .....	1,059	1,045	1,034	1,024	1,009	1,003	1,004	1,000	999	1,008	1,011	1,017	1,017
Petroleum and coal products .....	200	198	194	191	194	193	195	197	199	199	200	201	203
Rubber and plastics products, nec .....	654	632	614	579	564	568	574	572	575	588	599	608	605
Leather and leather products .....	270	264	257	249	245	246	249	252	256	256	262	267	269
<b>SERVICE-PRODUCING</b> .....	54,188	54,077	54,049	54,113	54,046	54,134	54,171	54,110	54,457	54,605	54,709	54,835	54,880
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,683	4,659	4,603	4,565	4,506	4,508	4,491	4,469	4,464	4,466	4,467	4,473	4,478
<b>WHOLESALE AND RETAIL TRADE</b> ..	17,058	16,935	16,903	16,879	16,851	16,847	16,857	16,877	16,984	17,016	17,045	17,037	17,025
<b>WHOLESALE TRADE</b> .....	4,237	4,224	4,205	4,189	4,178	4,176	4,175	4,153	4,161	4,159	4,181	4,182	4,181
<b>RETAIL TRADE</b> .....	12,821	12,711	12,698	12,690	12,673	12,671	12,682	12,724	12,823	12,857	12,864	12,855	12,844
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,226	4,229	4,219	4,210	4,207	4,209	4,208	4,202	4,203	4,218	4,239	4,248	4,254
<b>SERVICES</b> .....	13,822	13,833	13,857	13,865	13,864	13,878	13,889	13,871	13,990	14,050	14,113	14,151	14,183
Hotels and other lodging places .....	968	963	972	977	974	969	970	962	976	986	982	993	-
Personal services .....	848	846	842	837	834	834	836	831	835	833	833	829	-
Medical and other health services .....	4,051	4,073	4,101	4,116	4,131	4,150	4,164	4,175	4,197	4,213	4,241	4,259	-
Educational services .....	1,197	1,199	1,188	1,207	1,210	1,211	1,211	1,204	1,215	1,212	1,225	1,234	-
<b>GOVERNMENT</b> .....	14,399	14,421	14,467	14,594	14,618	14,692	14,726	14,691	14,816	14,855	14,845	14,926	14,940
<b>FEDERAL</b> .....	2,742	2,738	2,734	2,733	2,733	2,731	2,732	2,738	2,745	2,756	2,765	2,767	2,769
<b>STATE AND LOCAL</b> .....	11,657	11,683	11,733	11,861	11,885	11,961	11,994	11,953	12,071	12,099	12,080	12,159	12,171

p = preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**

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**B-6. Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. <sup>P</sup>	Nov. <sup>P</sup>
<b>TOTAL</b> .....	52,687	52,038	51,624	51,005	50,663	50,585	50,629	50,536	50,825	51,136	51,398	51,507	51,503
<b>GOODS-PRODUCING</b> .....	17,869	17,373	17,034	16,487	16,230	16,161	16,194	16,122	16,115	16,312	16,467	16,543	16,530
<b>MINING</b> .....	549	513	552	550	553	553	560	561	564	567	569	585	579
<b>CONTRACT CONSTRUCTION</b> .....	3,113	3,058	3,045	2,886	2,762	2,745	2,747	2,712	2,711	2,734	2,741	2,716	2,718
<b>MANUFACTURING</b> .....	14,207	13,802	13,437	13,051	12,915	12,863	12,887	12,849	12,840	13,011	13,157	13,242	13,233
<b>DURABLE GOODS</b> .....	8,398	8,133	7,898	7,634	7,561	7,483	7,454	7,404	7,348	7,450	7,527	7,556	7,553
Ordnance and accessories .....	84	85	84	85	84	84	84	82	81	77	75	75	73
Lumber and wood products .....	486	476	459	445	448	444	454	459	463	469	475	479	472
Furniture and fixtures .....	396	384	364	354	347	349	354	351	355	366	379	380	382
Stone, clay, and glass products .....	531	519	501	487	479	478	479	477	477	483	488	487	489
Primary metal industries .....	1,069	1,038	1,017	979	950	923	905	889	878	892	911	894	896
Fabricated metal products .....	1,112	1,075	1,027	1,011	993	992	985	979	960	993	1,000	1,004	998
Machinery, except electrical .....	1,500	1,475	1,450	1,422	1,400	1,372	1,339	1,317	1,300	1,300	1,314	1,321	1,312
Electrical equipment and supplies .....	1,299	1,245	1,213	1,156	1,143	1,123	1,113	1,106	1,097	1,131	1,139	1,154	1,156
Transportation equipment .....	1,271	1,206	1,162	1,087	1,122	1,126	1,151	1,155	1,143	1,142	1,140	1,155	1,170
Instruments and related products .....	317	312	308	300	292	291	287	286	287	286	291	294	293
Miscellaneous manufacturing .....	333	318	313	308	303	301	303	303	307	311	315	313	312
<b>NONDURABLE GOODS</b> .....	5,809	5,669	5,539	5,417	5,354	5,380	5,433	5,445	5,492	5,561	5,630	5,686	5,680
Food and kindred products .....	1,148	1,140	1,127	1,123	1,119	1,125	1,131	1,133	1,131	1,147	1,150	1,156	1,145
Tobacco manufactures .....	64	65	67	66	64	62	62	62	65	65	66	66	68
Textile mill products .....	815	789	749	730	727	745	766	771	777	800	819	833	832
Apparel and other textile products .....	1,118	1,068	1,044	1,019	1,008	1,020	1,033	1,043	1,071	1,071	1,086	1,105	1,106
Paper and allied products .....	522	512	500	485	474	471	472	469	474	479	487	490	493
Printing and publishing .....	662	660	656	649	644	639	636	631	629	632	632	629	628
Chemicals and allied products .....	613	596	584	576	563	558	562	560	560	566	573	578	577
Petroleum and coal products .....	127	126	120	117	122	121	123	125	127	128	128	129	130
Rubber and plastics products, nec .....	509	488	473	441	426	430	436	436	439	453	463	471	468
Leather and leather products .....	231	225	219	211	207	209	212	215	219	220	226	230	233
<b>SERVICE-PRODUCING</b> .....	34,818	34,665	34,590	34,518	34,433	34,424	34,435	34,414	34,710	34,824	34,931	34,964	34,973
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,035	4,011	3,956	3,922	3,869	3,865	3,849	3,831	3,827	3,825	3,828	3,833	3,836
<b>WHOLESALE AND RETAIL TRADE</b> .....	15,096	14,959	14,930	14,896	14,863	14,858	14,862	14,896	15,081	15,116	15,159	15,144	15,121
<b>WHOLESALE TRADE</b> .....	3,533	3,518	3,499	3,480	3,464	3,461	3,458	3,440	3,448	3,445	3,463	3,462	3,462
<b>RETAIL TRADE</b> .....	11,563	11,441	11,431	11,416	11,399	11,397	11,404	11,456	11,633	11,671	11,696	11,682	11,659
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,232	3,232	3,225	3,217	3,210	3,206	3,209	3,208	3,203	3,218	3,234	3,235	3,244
<b>SERVICES</b> .....	12,455	12,463	12,479	12,483	12,491	12,495	12,515	12,479	12,599	12,665	12,710	12,752	12,772

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

P=preliminary.

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

**B-7. Indexes of diffusion: Percent of industries in which employment<sup>1</sup> increased, 1972 to date**

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
<b>1972</b>				
January .....	69.5	76.2	81.7	77.3
February .....	73.5	82.8	83.1	81.1
March .....	75.0	80.2	85.2	78.8
April .....	71.8	82.0	78.5	82.3
May .....	76.2	77.6	79.9	84.6
June .....	70.6	70.3	79.9	84.3
July .....	48.0	70.6	83.1	84.0
August .....	67.7	70.6	81.7	84.0
September .....	73.0	80.8	80.2	85.2
October .....	79.9	83.4	83.7	82.8
November .....	73.3	79.1	82.0	80.8
December .....	75.9	82.0	84.0	83.1
<b>1973</b>				
January .....	76.7	84.0	81.7	81.1
February .....	75.0	83.7	79.4	80.8
March .....	73.8	76.2	79.4	82.6
April .....	62.5	71.5	74.7	81.4
May .....	59.9	70.3	72.1	79.7
June .....	68.0	63.1	66.6	78.5
July .....	55.8	66.9	72.1	75.6
August .....	63.1	64.8	72.7	73.5
September .....	61.6	74.7	73.0	69.2
October .....	72.7	75.9	75.6	66.0
November .....	75.0	76.5	70.3	66.6
December .....	66.6	70.1	66.0	64.2
<b>1974</b>				
January .....	59.3	62.8	60.8	63.4
February .....	52.6	53.8	55.2	59.6
March .....	46.5	48.0	49.7	55.2
April .....	47.1	48.3	48.5	50.3
May .....	55.2	51.7	49.7	40.1
June .....	53.2	52.6	45.6	28.2
July .....	52.3	45.1	37.2	27.0
August .....	45.9	39.2	31.1	22.4
September .....	36.0	40.4	23.3	20.9
October .....	37.8	28.8	17.7	18.6
November .....	20.1	21.5	17.2	16.6
December .....	18.6	13.4	13.1	14.0
<b>1975</b>				
January .....	18.6	12.5	13.4	16.6
February .....	16.6	13.7	13.1	17.4
March .....	25.0	19.2	16.3	17.4
April .....	40.4	35.8	27.9	19.2p
May .....	53.8	40.4	40.1	25.0p
June .....	40.4	48.5	60.8	
July .....	55.2	55.8	66.0p	
August .....	73.5	80.2	66.6p	
September .....	81.7	82.3p		
October .....	61.9p	70.6p		
November .....	57.0p			
December .....				

<sup>1</sup> Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.  
p = preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
1	<b>ALABAMA</b> .....	1,168.9	1,157.7	1,160.4	9.4	9.5	9.5	72.3	72.3	71.0	349.8	333.0	332.6
2	Birmingham .....	314.4	311.4	310.3	6.5	6.9	7.0	20.6	20.9	20.5	72.9	68.1	66.4
3	Huntsville .....	101.3	99.7	100.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	4.4	4.3	24.7	23.3	23.7
4	Mobile .....	122.1	123.2	123.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.7	8.9	8.9	26.6	26.8	26.9
5	Montgomery .....	87.1	86.6	87.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.1	5.8	5.7	14.4	13.7	13.7
6	Tuscaloosa .....	47.0	47.2	47.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.4	3.4	11.4	11.3	11.2
7	<b>ALASKA</b> <sup>2</sup> .....	133.4	157.3	153.8	3.3	3.5	3.4	20.8	35.5	34.0	9.5	8.2	7.3
8	<b>ARIZONA</b> .....	748.6	730.7	742.0	27.1	23.6	23.4	55.5	50.2	50.5	112.6	99.4	99.9
9	Phoenix .....	450.8	434.8	443.8	.4	.4	.4	32.7	29.8	29.9	84.0	71.0	71.5
10	Tucson .....	143.5	140.3	142.0	8.6	7.6	7.5	11.2	10.0	10.0	12.4	11.9	12.0
11	<b>ARKANSAS</b> .....	652.9	631.8	636.4	4.3	4.1	4.2	38.2	32.1	31.6	202.1	181.5	182.8
12	Fayetteville-Springdale .....	51.8	50.0	50.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.2	2.2	16.7	14.8	15.1
13	Fort Smith .....	57.6	56.8	56.4	.3	.3	.4	2.5	2.5	2.3	22.3	20.7	20.4
14	Little Rock-North Little Rock .....	158.1	151.4	151.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.3	9.7	9.7	30.6	27.4	27.4
15	Pine Bluff .....	27.3	25.5	25.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.1	1.1	6.3	5.5	5.5
16	<b>CALIFORNIA</b> .....	7,945.2	7,863.0	7,884.5	32.0	32.6	32.4	327.2	295.4	291.5	1,715.3	1,629.3	1,612.5
17	Anaheim-Santa Ana-Garden Grove .....	566.3	576.7	581.6	2.1	2.2	2.2	27.2	22.4	22.4	158.0	153.4	153.8
18	Bakersfield .....	100.9	101.7	103.1	6.5	7.5	7.5	4.3	3.7	3.7	9.2	9.0	9.0
19	Fresno .....	148.3	151.0	150.8	.8	.8	.8	7.2	7.1	6.8	21.6	22.0	21.4
20	Los Angeles-Long Beach .....	3,122.5	3,037.6	3,061.8	11.1	11.1	11.1	104.5	96.4	95.1	835.6	772.2	777.7
21	Modesto .....	71.0	80.6	76.6	.1	.1	.1	3.8	3.6	3.5	20.0	28.2	23.8
22	Oxnard-Simi Valley-Ventura .....	112.9	112.2	113.8	1.7	1.7	1.7	4.8	4.0	3.9	17.8	16.9	16.8
23	Riverside-San Bernardino-Ontario .....	336.2	332.3	334.8	2.6	2.4	2.4	14.6	12.7	12.3	57.0	51.5	51.1
24	Sacramento .....	309.8	321.4	320.7	.3	.4	.4	14.1	13.9	13.4	23.8	27.4	26.6
25	Salinas-Seaside-Monterey .....	77.7	77.1	77.0	.6	.6	.6	3.1	2.6	2.5	10.6	9.5	9.7
26	San Diego .....	471.9	474.4	472.5	.5	.5	.5	21.6	20.5	19.8	77.4	71.6	70.2
27	San Francisco-Oakland .....	1,337.3	1,329.0	1,326.9	1.7	1.6	1.6	64.2	59.5	58.3	198.8	193.4	189.7
28	San Jose .....	477.5	481.1	479.7	.1	.1	.1	20.2	18.3	18.2	161.2	162.2	157.9
29	Santa Barbara-Santa Maria-Lompoc .....	92.8	91.8	93.5	.7	.7	.7	3.5	3.3	3.2	13.5	12.0	12.4
30	Santa Rosa .....	64.7	66.7	66.1	.3	.2	.2	3.8	3.8	3.8	9.6	9.6	9.3
31	Stockton .....	102.9	108.4	107.3	.1	.1	.1	4.2	4.3	4.1	20.8	25.4	22.7
32	Vallejo-Fairfield-Napa .....	79.0	82.6	83.4	.1	.1	.1	2.8	3.9	3.9	8.8	9.3	9.3
33	<b>COLORADO</b> .....	972.8	960.2	963.1	17.3	19.1	19.4	65.6	62.8	61.0	146.0	136.2	137.9
34	Denver-Boulder .....	625.1	609.8	610.1	6.9	7.6	7.6	41.9	40.7	39.4	101.4	93.1	93.0
35	<b>CONNECTICUT</b> .....	1,271.7	1,204.7	1,208.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	56.3	47.7	47.2	427.8	370.6	372.7
36	Bridgeport .....	151.2	143.8	143.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5.8	5.5	5.4	63.9	57.2	58.1
37	Hartford .....	341.6	332.3	332.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	14.2	12.6	12.2	90.1	82.4	81.8
38	New Britain .....	47.1	44.3	44.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1.9	2.0	1.9	23.5	20.4	20.8
39	New Haven .....	167.7	166.6	167.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	8.2	7.8	7.7	41.1	36.8	37.1
40	Stamford .....	88.3	87.0	86.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3.3	3.1	3.0	28.5	26.5	26.3
41	Waterbury .....	86.6	82.4	82.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3.2	3.1	3.0	38.0	32.6	32.9
42	<b>DELAWARE</b> .....	237.8	225.5	226.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.1	14.1	14.0	75.3	68.3	68.4
43	Wilmington .....	212.9	200.7	201.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.7	12.9	13.0	72.2	66.7	67.0
44	<b>DISTRICT OF COLUMBIA</b> <sup>4</sup> .....	708.6	713.5	710.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.2	23.0	22.8	17.1	16.3	14.8
45	Washington SMSA .....	1,344.8	1,345.7	1,341.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	88.9	83.0	82.2	50.0	48.5	46.6
46	<b>FLORIDA</b> .....	2,821.5	2,633.6	2,652.0	10.4	10.8	10.7	255.0	175.3	174.4	365.9	339.6	344.5
47	Fort Lauderdale-Hollywood .....	235.9	217.1	218.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.5	16.1	15.4	27.1	24.8	25.3
48	Jacksonville .....	261.6	258.9	260.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.4	19.6	19.5	32.0	30.7	30.8
49	Miami .....	611.9	584.0	585.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	41.8	37.4	37.6	91.8	84.8	84.2
50	Orlando .....	226.1	216.5	217.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.1	15.8	15.8	27.0	23.7	23.3
51	Pensacola .....	83.9	83.4	83.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.0	7.5	7.7	14.1	13.4	13.3
52	Tampa-St. Petersburg .....	423.4	402.8	402.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	37.0	26.7	26.4	61.4	56.7	58.0
53	West Palm Beach-Boca Raton .....	143.2	140.0	141.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.2	14.5	14.3	19.3	17.8	17.8
54	<b>GEORGIA</b> .....	1,818.9	1,759.6	1,766.4	7.3	7.1	7.2	105.4	90.0	88.9	479.4	457.1	460.2
55	Atlanta .....	787.3	760.9	761.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	48.7	41.7	41.5	131.5	127.3	127.4
56	Augusta .....	102.2	101.9	102.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.1	5.6	5.6	31.8	31.6	31.9
57	Columbus .....	76.1	75.6	76.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	4.0	4.2	22.7	22.2	22.4
58	Macon .....	89.8	89.9	90.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	4.2	4.2	14.6	14.4	13.9
59	Savannah .....	73.2	71.9	72.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.8	4.9	4.9	16.2	15.2	14.8

See footnotes at end of table.

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	
62.0	60.0	59.9	228.5	228.1	230.0	50.2	50.6	50.6	164.0	169.1	169.7	232.7	235.1	237.1	1
23.2	22.9	22.9	75.5	75.5	75.6	20.0	20.3	20.4	50.3	50.5	50.6	45.4	46.3	46.9	2
2.2	2.1	2.2	18.2	18.1	18.1	2.8	2.8	2.8	17.0	17.1	16.9	32.6	31.9	32.3	3
9.7	9.4	9.3	29.7	29.5	29.7	5.8	5.9	6.0	22.5	23.1	23.1	19.1	19.6	19.6	4
4.5	4.3	4.3	20.8	20.5	20.5	5.1	5.1	5.1	14.8	15.3	15.3	21.4	21.9	22.4	5
1.9	1.8	1.8	7.8	7.9	8.0	1.5	1.5	1.5	5.0	5.0	5.0	16.0	16.3	16.4	6
12.8	15.9	15.8	20.6	23.2	23.2	5.1	5.7	5.7	18.1	19.6	18.5	43.2	45.7	45.9	7
39.7	39.3	39.0	173.6	175.6	176.8	42.1	42.1	42.3	131.9	131.6	133.8	166.1	168.9	176.3	8
24.2	24.0	23.9	114.1	114.2	115.5	32.0	32.4	32.6	83.3	80.5	82.8	80.1	82.5	87.2	9
8.0	7.5	7.4	30.1	30.6	30.7	6.4	6.0	6.0	26.9	26.5	27.0	39.9	40.2	41.4	10
40.4	37.8	38.7	131.7	135.0	134.6	28.0	28.0	27.8	87.0	91.5	91.1	121.2	121.8	125.6	11
3.0	3.1	3.1	10.6	10.5	10.7	2.0	2.2	2.2	7.1	7.2	7.2	9.6	10.0	10.0	12
3.1	2.8	2.8	11.9	12.3	12.1	2.0	2.0	2.0	8.7	8.7	8.8	6.8	7.5	7.6	13
12.0	11.5	11.5	35.9	34.4	34.5	11.0	10.9	11.0	25.2	25.5	25.4	32.1	32.0	32.4	14
3.6	3.2	3.3	5.1	4.9	4.9	1.1	1.1	1.1	4.0	4.2	4.2	6.0	5.5	5.6	15
480.5	470.6	465.5	1,789.6	1,773.8	1,779.8	452.6	455.6	456.2	1,560.5	1,586.6	1,584.5	1,587.5	1,619.1	1,662.1	16
17.4	17.8	17.9	134.3	146.3	146.5	31.9	33.3	33.2	107.1	113.2	112.0	88.3	88.1	93.6	17
6.6	6.7	6.7	23.6	24.4	24.4	4.0	3.9	3.9	17.9	17.5	18.5	28.8	29.0	29.4	18
9.0	9.3	9.3	37.4	38.4	37.6	7.2	7.2	7.2	28.0	28.5	28.8	37.1	37.7	38.9	19
180.1	175.7	175.3	709.6	694.9	697.8	187.5	186.5	186.6	635.2	635.9	636.5	458.9	464.9	481.7	20
3.3	3.4	3.4	15.4	15.0	15.4	2.0	2.0	1.9	13.5	14.0	14.0	12.9	14.3	14.5	21
4.3	4.4	4.4	25.2	26.0	25.8	4.3	4.4	4.4	20.2	20.8	20.7	34.6	34.0	36.1	22
19.1	18.6	18.6	78.9	81.1	81.1	12.3	12.3	12.3	67.8	67.9	69.1	83.9	85.8	87.9	23
18.0	17.2	17.2	68.4	70.5	71.5	13.4	13.9	13.8	48.7	50.7	50.0	123.1	127.4	127.8	24
4.6	4.5	4.5	20.0	20.0	19.9	2.9	2.9	2.9	15.5	16.0	15.8	20.4	21.0	21.1	25
23.3	22.6	22.5	106.2	110.5	110.1	25.9	25.8	25.8	95.7	101.2	97.1	121.3	121.7	126.5	26
126.0	124.6	123.0	290.5	287.8	289.1	113.0	114.2	114.0	263.7	266.9	265.9	279.4	281.0	285.3	27
19.3	19.1	18.9	90.4	91.8	92.6	19.0	19.0	19.0	95.1	96.6	97.9	72.2	74.0	75.1	28
3.1	3.0	3.0	20.9	20.9	20.9	4.3	4.2	4.2	23.9	24.3	24.0	22.9	23.4	25.1	29
3.3	3.4	3.4	15.1	16.0	15.8	4.2	4.2	4.2	11.9	12.1	12.0	16.5	17.4	17.4	30
7.8	8.0	7.9	23.1	23.0	23.6	3.7	3.7	3.7	18.3	18.6	18.7	24.9	25.3	26.5	31
3.9	3.9	3.8	14.1	14.6	14.5	2.2	2.3	2.3	14.0	14.0	14.6	33.1	34.5	34.9	32
61.3	60.8	60.4	236.0	231.2	229.2	57.4	56.8	56.1	181.8	185.8	184.2	207.4	207.6	215.0	33
42.7	41.1	40.9	156.7	153.1	152.0	42.3	42.5	42.0	120.6	120.1	119.7	112.5	111.6	115.5	34
56.3	54.8	54.6	250.7	249.0	249.5	86.6	85.8	85.3	218.4	221.1	221.3	175.6	175.8	177.6	35
6.6	6.7	6.5	29.0	29.7	29.1	5.9	5.9	5.8	23.3	23.3	23.2	16.7	15.6	15.8	36
12.8	12.9	12.7	70.0	69.9	70.9	49.9	48.9	48.7	55.3	55.8	56.1	49.3	49.8	50.0	37
1.5	1.5	1.5	7.1	7.0	7.1	1.3	1.4	1.4	6.0	6.3	6.3	5.7	5.7	5.7	38
14.1	14.2	14.2	34.7	36.6	36.6	9.1	9.5	9.4	38.6	40.5	40.8	22.0	21.3	21.7	39
3.3	3.4	3.3	19.5	19.8	19.6	5.4	5.5	5.5	19.3	19.8	19.6	9.0	8.9	8.9	40
3.2	3.2	3.2	13.3	13.8	13.7	3.2	3.2	3.2	14.8	15.4	15.1	10.8	11.1	11.1	41
11.8	11.5	11.5	47.5	46.7	46.9	11.4	11.3	11.3	38.8	37.7	37.6	36.9	35.9	36.8	42
10.4	10.3	10.2	39.9	38.7	38.8	10.3	10.2	10.2	34.2	33.6	33.6	30.2	28.3	28.9	43
29.9	29.4	28.9	68.1	69.3	69.2	33.2	33.1	32.8	145.1	148.2	148.2	390.0	394.2	394.0	44
68.4	66.5	65.8	255.0	253.8	253.9	79.0	79.8	79.2	303.0	309.0	308.6	500.5	505.1	505.1	45
183.6	175.0	173.8	723.5	667.3	670.3	195.7	186.6	186.5	572.9	561.7	567.2	514.5	517.3	524.6	46
14.6	14.5	14.4	64.3	58.4	58.9	17.9	16.2	16.7	51.2	50.6	51.2	35.3	36.5	36.1	47
22.8	22.1	22.3	66.9	66.7	67.7	26.7	27.1	27.0	45.4	46.0	46.0	46.4	46.7	46.8	48
57.4	55.1	55.4	157.0	148.9	149.8	47.2	45.6	45.5	142.2	137.8	138.1	74.5	74.4	74.8	49
12.5	12.2	12.2	63.0	61.9	61.9	16.0	15.2	15.3	53.4	54.0	54.3	34.1	33.7	34.6	50
4.3	4.1	4.1	18.7	18.0	18.1	3.4	3.3	3.3	13.5	14.7	14.7	21.9	22.4	22.5	51
27.2	25.4	25.1	119.9	115.2	115.6	30.2	29.6	29.4	85.2	85.1	85.4	62.5	64.1	63.0	52
6.8	6.6	6.6	36.9	37.0	37.1	10.7	10.7	10.8	30.9	31.4	32.1	21.4	22.0	22.6	53
120.3	113.8	114.3	406.1	387.5	387.7	99.2	96.8	96.8	254.7	255.4	254.9	346.5	351.9	356.4	54
72.5	67.6	67.5	222.1	207.9	208.4	61.9	60.0	60.0	131.4	132.0	131.8	119.2	124.4	124.6	55
4.2	3.9	3.8	18.9	17.5	17.7	3.5	3.5	3.5	11.8	13.1	13.2	25.9	26.7	27.1	56
3.0	2.7	2.7	14.5	14.8	14.7	4.4	4.4	4.3	9.7	9.8	10.0	17.1	17.7	17.9	57
3.7	3.6	3.6	17.8	19.1	19.0	5.4	5.3	5.2	13.5	13.8	13.9	30.5	29.5	30.6	58
7.4	6.9	7.6	17.0	17.1	17.2	3.4	3.3	3.3	11.7	11.7	11.7	12.7	12.8	13.1	59

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
1	HAWAII	332.4	334.0	334.9	(1)	(1)	(1)	28.8	27.9	26.8	21.9	23.7	22.3
2	Honolulu	282.2	281.0	282.3	(1)	(1)	(1)	24.8	23.8	22.8	16.0	17.2	16.0
3	IDAHO	272.4	274.8	275.5	3.7	3.2	3.2	17.9	18.5	18.0	50.5	48.6	48.8
4	Boise City	58.8	60.9	60.6	(1)	(1)	(1)	4.9	5.1	5.0	6.0	6.2	6.1
5	ILLINOIS <sup>5</sup>	4,584.1	4,402.0	4,437.6	24.7	25.5	25.4	197.1	195.0	190.4	1,342.5	1,218.1	1,210.6
6	Bloomington—Normal	48.0	47.0	(*)	(3)	(3)	(*)	2.0	2.1	(*)	7.6	7.0	(*)
7	Champaign—Urbana—Rantoul	65.3	59.8	(*)	(3)	(3)	(*)	3.6	3.5	(*)	5.9	6.0	(*)
8	Chicago SMSA <sup>5 6</sup>	3,091.5	2,954.1	2,988.3	4.5	4.5	4.4	125.4	123.4	121.6	901.6	813.7	808.8
9	Chicago—Gary <sup>5</sup>	3,329.6	3,187.1	3,218.4	4.6	4.6	4.5	137.4	136.2	134.3	1,007.2	908.9	902.6
10	Davenport—Rock Island—Moline	145.4	144.5	(*)	(3)	(3)	(*)	6.7	6.8	(*)	48.1	45.0	(*)
11	Decatur	55.6	51.2	(*)	(3)	(3)	(*)	3.0	3.1	(*)	22.4	18.7	(*)
12	Peoria	139.5	140.3	(*)	(3)	(3)	(*)	9.3	9.2	(*)	50.1	50.3	(*)
13	Rockford	115.4	109.9	(*)	(3)	(3)	(*)	3.5	3.5	(*)	56.2	49.8	(*)
14	Springfield	77.6	77.7	(*)	(3)	(3)	(*)	4.3	4.1	(*)	10.2	9.5	(*)
15	INDIANA	2,038.2	1,967.3	1,963.4	7.5	8.0	8.0	93.6	92.3	92.3	739.6	662.6	657.4
16	Evansville	110.3	105.7	105.8	1.8	1.8	1.9	5.1	4.9	4.8	39.8	35.4	35.2
17	Fort Wayne	159.5	150.6	149.6	(1)	(1)	(1)	6.7	7.0	6.5	60.3	51.9	51.4
18	Gary—Hammond—East Chicago <sup>6</sup>	238.1	233.0	230.1	(1)	(1)	(1)	12.0	12.8	12.7	105.6	95.2	93.8
19	Indianapolis	461.8	448.2	448.1	(1)	(1)	(1)	22.6	19.7	19.2	127.2	120.1	119.8
20	Muncie	49.2	46.4	46.6	(1)	(1)	(1)	1.7	1.6	1.5	17.4	14.8	14.8
21	South Bend	104.7	101.9	101.0	(1)	(1)	(1)	4.8	4.5	4.3	32.5	30.4	30.0
22	Terre Haute	59.8	58.9	59.3	1.0	1.0	1.0	2.4	2.4	2.3	17.2	16.4	16.7
23	IOWA	1,021.7	1,027.6	1,028.6	3.2	3.2	3.2	55.9	57.1	56.0	252.5	235.5	234.9
24	Cedar Rapids	75.3	75.8	75.6	(1)	(1)	(1)	3.6	3.7	3.8	27.4	26.9	26.3
25	Des Moines	156.6	157.0	156.0	(1)	(1)	(1)	9.7	8.8	8.2	27.9	25.2	25.0
26	Dubuque	41.3	39.6	39.4	(1)	(1)	(1)	1.8	1.2	1.2	17.5	15.8	15.5
27	Sioux City	50.2	49.9	50.2	(1)	(1)	(1)	3.5	3.2	3.1	13.2	12.6	12.7
28	Waterloo—Cedar Falls	59.3	58.0	57.6	(1)	(1)	(1)	2.6	2.6	2.5	21.7	19.6	19.6
29	KANSAS <sup>7</sup>	806.5	799.6	802.6	10.3	10.8	10.9	41.0	41.0	40.8	170.9	159.9	159.8
30	Topeka <sup>7</sup>	75.0	75.2	75.1	.1	.1	.1	3.1	2.6	2.7	10.5	10.1	10.0
31	Wichita <sup>7</sup>	171.2	167.5	168.1	2.1	2.1	2.2	9.2	8.0	7.9	54.3	52.0	52.1
32	KENTUCKY	1,096.1	1,078.2	1,082.6	41.9	42.7	41.9	58.5	58.2	57.6	293.2	272.8	271.2
33	Lexington—Fayette	127.1	123.2	124.4	(1)	(1)	(1)	7.1	7.0	6.9	33.9	28.4	29.1
34	Louisville	357.9	354.9	351.3	(1)	(1)	(1)	18.9	17.3	16.3	106.5	103.8	100.6
35	LOUISIANA	1,201.6	1,206.5	1,209.7	54.5	55.7	55.7	90.2	90.6	90.6	186.4	183.3	184.0
36	Baton Rouge	156.6	154.6	156.8	.9	.9	.9	19.1	16.4	16.4	22.3	21.7	21.7
37	Lake Charles	47.6	47.6	48.0	1.2	1.2	1.3	4.8	5.0	5.1	10.6	10.4	10.5
38	Monroe	43.1	42.9	42.9	.3	.3	.3	4.3	4.0	3.9	7.4	6.8	6.8
39	New Orleans	419.0	423.3	422.8	14.9	15.6	15.6	27.6	26.8	26.4	50.3	50.1	50.2
40	Shreveport	125.7	125.6	126.4	4.4	4.4	4.4	8.9	8.4	8.5	25.2	25.0	25.2
41	MAINE	368.2	358.7	357.8	(1)	(1)	(1)	21.0	19.1	18.7	104.6	97.2	97.5
42	Lewiston—Auburn	30.4	30.2	29.9	(1)	(1)	(1)	1.5	1.4	1.3	11.6	11.4	11.5
43	Portland	70.7	69.6	70.2	(1)	(1)	(1)	4.3	4.0	4.0	13.5	12.7	12.7
44	MARYLAND <sup>8</sup>	1,444.2	1,431.5	1,436.2	1.7	1.8	1.7	103.9	102.6	100.5	254.4	236.2	233.6
45	Baltimore	859.0	843.5	848.3	.2	.2	.2	48.4	49.2	47.8	178.4	163.7	162.2
46	MASSACHUSETTS <sup>5</sup>	2,405.7	2,349.6	2,362.7	(1)	(1)	(1)	106.6	95.7	95.0	635.9	593.4	598.3
47	Boston	1,324.5	1,301.1	1,311.4	(1)	(1)	(1)	56.7	53.1	52.5	275.0	257.9	259.8
48	Brockton	50.8	51.1	51.1	-	-	-	2.0	2.5	2.4	13.0	11.4	11.5
49	Fall River	50.3	51.1	51.1	(1)	(1)	(1)	(1)	(1)	(1)	20.5	20.9	21.3
50	Lawrence—Haverhill	100.8	98.5	99.1	(1)	(1)	(1)	3.2	3.5	3.3	42.3	38.5	38.5
51	Lowell	62.8	62.0	63.2	(1)	(1)	(1)	3.1	2.9	3.0	22.6	21.7	22.2
52	New Bedford	61.9	57.9	59.5	(1)	(1)	(1)	2.1	2.0	2.0	26.0	23.9	24.3
53	Springfield—Chicopee—Holyoke	221.0	211.2	212.0	(1)	(1)	(1)	8.2	6.9	7.0	66.2	58.6	58.9
54	Worcester	147.8	142.5	143.9	(1)	(1)	(1)	5.5	5.5	5.5	48.7	44.2	44.6
55	MICHIGAN	3,332.4	3,184.0	3,194.7	14.1	14.4	14.1	132.5	113.4	113.3	1,142.3	1,033.1	1,024.4
56	Ann Arbor	115.4	110.4	113.1	(1)	(1)	(1)	2.3	1.8	1.8	36.7	32.8	32.8
57	Battle Creek	65.3	63.3	62.9	(1)	(1)	(1)	1.8	1.7	1.7	25.9	23.5	23.0
58	Bay City	33.3	32.6	32.6	(1)	(1)	(1)	1.1	1.1	1.0	10.5	10.6	10.7
59	Detroit	1,685.3	1,628.7	1,628.4	1.3	1.4	1.4	59.6	50.8	49.8	605.4	559.0	549.6
60	Flint	184.5	182.5	181.6	(1)	(1)	(1)	5.4	6.0	5.8	82.5	76.4	75.5

See footnotes at end of table.



ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	
25.5	25.7	25.3	83.5	84.1	83.7	23.1	23.3	23.3	72.0	72.0	72.3	77.6	77.3	81.2	1
21.6	21.6	21.3	71.5	71.6	71.2	21.0	21.1	21.1	59.9	59.6	59.9	67.4	66.1	70.0	2
17.1	16.7	16.7	67.3	67.4	67.6	11.0	11.4	11.3	43.6	46.9	46.9	61.3	62.1	63.0	3
4.0	3.9	3.9	15.1	15.7	15.8	3.9	4.0	4.0	9.8	9.9	10.0	15.1	16.1	15.8	4
293.0	282.9	282.6	1,022.1	999.6	1,004.6	253.5	254.1	252.9	771.5	787.9	789.5	679.7	638.8	681.6	5
3.2	3.1	(*)	10.4	10.4	(*)	6.1	6.1	(*)	7.6	7.3	(*)	11.3	11.1	(*)	6
2.7	2.7	(*)	12.7	12.2	(*)	1.7	1.8	(*)	8.8	9.3	(*)	30.0	24.4	(*)	7
207.4	200.4	200.7	703.7	679.2	685.5	194.1	193.2	192.2	559.5	572.0	575.2	395.4	367.7	399.7	8
222.3	215.4	215.8	745.2	721.9	727.8	201.3	200.5	199.5	588.7	602.3	605.2	423.1	397.4	428.6	9
7.9	7.8	(*)	33.3	34.2	(*)	6.0	6.1	(*)	21.2	21.3	(*)	22.1	23.3	(*)	10
4.3	4.2	(*)	10.0	9.6	(*)	2.1	2.1	(*)	8.6	8.3	(*)	5.2	5.1	(*)	11
7.8	7.5	(*)	29.7	29.8	(*)	5.9	5.9	(*)	20.9	21.7	(*)	15.7	15.8	(*)	12
4.2	3.8	(*)	22.3	22.8	(*)	3.5	3.5	(*)	15.5	15.8	(*)	10.2	10.8	(*)	13
4.3	4.2	(*)	15.0	15.0	(*)	6.2	6.2	(*)	14.2	14.7	(*)	23.4	23.9	(*)	14
106.8	102.0	101.8	421.3	417.7	415.2	87.3	86.5	86.5	269.5	274.0	273.4	312.6	324.2	328.7	15
6.1	6.1	6.0	24.0	23.9	23.8	3.7	3.7	3.7	18.6	18.5	18.5	11.2	11.4	11.9	16
10.7	10.2	10.0	35.6	35.0	35.4	8.5	8.6	8.6	22.3	22.6	22.4	15.4	15.3	15.3	17
14.9	15.0	15.1	41.5	42.7	42.3	7.2	7.3	7.3	29.2	30.3	30.0	27.7	29.7	28.9	18
29.0	27.7	27.7	107.4	104.4	104.5	32.5	32.1	31.9	67.0	66.2	66.4	76.1	78.0	78.6	19
2.2	2.1	2.1	10.4	10.4	10.4	1.5	1.5	1.5	6.4	6.6	6.5	9.6	9.4	9.8	20
5.2	4.8	4.9	23.4	23.1	23.0	6.1	5.7	5.6	20.9	21.5	21.4	11.8	11.9	11.8	21
4.2	4.0	4.1	13.7	13.8	13.7	1.8	1.8	1.8	8.2	8.4	8.4	11.3	11.1	11.3	22
56.6	55.2	55.2	245.8	256.8	255.8	46.9	47.7	47.5	172.7	180.7	179.6	188.1	191.3	196.4	23
3.7	3.8	3.8	15.5	15.7	15.9	3.4	3.5	3.5	12.4	13.0	12.9	9.2	9.3	9.4	24
10.7	10.6	10.5	37.3	37.6	38.0	17.3	17.4	17.4	29.4	31.6	31.3	24.3	25.8	25.7	25
1.7	1.7	1.7	7.9	7.6	7.6	1.1	1.1	1.1	8.0	8.6	8.6	3.4	3.7	3.7	26
3.6	3.7	3.7	12.1	12.1	12.1	2.4	2.5	2.5	9.6	9.9	10.1	5.8	5.9	5.9	27
2.5	2.4	2.4	12.5	12.3	12.3	1.6	1.8	1.8	8.7	9.2	9.1	9.8	10.0	10.0	28
57.0	54.7	54.8	190.9	188.2	188.9	37.2	37.5	37.6	130.1	134.3	133.5	169.1	173.2	176.3	29
7.5	7.1	7.1	16.5	16.4	16.3	5.0	5.3	5.3	13.2	13.7	13.4	19.3	20.0	20.3	30
8.6	8.4	8.4	37.5	37.0	37.0	8.0	8.0	8.0	30.0	30.7	30.7	21.7	21.5	22.0	31
62.6	60.9	61.2	221.5	217.4	217.8	42.8	42.9	42.9	166.4	169.8	170.3	209.2	213.5	219.7	32
6.3	6.6	6.6	25.3	26.4	26.6	5.5	5.5	5.5	18.4	17.5	17.9	30.6	31.8	31.8	33
22.7	22.1	22.0	81.5	78.5	77.9	19.9	20.7	20.7	59.9	63.5	63.2	48.7	49.1	50.6	34
99.1	96.5	96.6	274.1	276.1	276.2	58.2	58.9	59.1	194.1	194.7	195.7	245.0	250.7	251.8	35
8.8	7.5	7.8	30.4	29.6	29.5	8.0	8.3	8.6	21.9	22.6	23.1	45.2	47.6	48.8	36
3.1	2.6	2.5	10.6	10.6	10.6	2.0	2.1	2.1	7.4	7.4	7.5	7.9	8.3	8.4	37
2.7	2.6	2.6	11.3	11.3	11.3	2.9	3.0	3.0	6.1	6.2	6.2	8.1	8.7	8.8	38
44.5	43.4	43.8	106.0	106.5	106.9	26.0	25.8	25.8	84.1	85.5	85.4	65.6	69.6	68.7	39
10.9	10.2	10.2	30.4	30.2	30.7	5.5	5.7	5.6	21.5	21.3	21.1	18.9	20.4	20.7	40
18.4	17.4	17.3	76.5	76.1	73.9	14.5	14.3	14.2	56.5	58.6	57.0	76.7	76.0	79.2	41
1.2	1.1	1.1	7.1	7.0	6.9	1.3	1.3	1.3	5.0	5.2	5.0	2.7	2.8	2.8	42
5.0	5.0	4.9	17.7	17.7	17.6	5.9	6.0	6.0	13.6	13.6	13.8	10.7	10.6	11.2	43
81.0	79.3	79.9	351.3	351.0	354.2	78.6	79.3	78.3	281.9	289.1	287.7	291.4	292.2	300.3	44
55.2	54.1	54.0	193.6	190.6	192.6	47.3	47.0	46.8	156.9	158.4	159.0	179.0	180.3	185.7	45
123.1	114.3	114.2	533.3	532.5	535.1	139.9	137.3	137.3	508.7	514.7	515.8	358.2	361.7	367.0	46
74.8	70.4	69.9	304.5	300.2	302.5	99.0	98.8	100.0	325.3	333.4	336.9	189.2	187.3	189.8	47
3.8	3.8	3.6	13.7	14.3	14.2	1.7	1.9	2.0	7.6	8.0	8.0	9.0	9.2	9.4	48
2.2	2.1	2.1	9.4	9.6	9.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.2	12.9	12.7	5.8	5.6	5.6	49
3.6	3.4	3.5	19.2	19.2	19.4	3.2	3.3	3.3	14.8	14.9	15.0	14.5	15.7	16.1	50
2.5	2.6	2.6	13.4	13.4	13.4	1.9	1.9	1.9	9.4	9.5	9.7	9.9	10.0	10.4	51
3.2	3.2	3.2	11.7	11.0	11.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.3	11.1	11.2	7.6	6.7	7.8	52
9.5	9.1	9.2	46.0	45.2	44.1	11.0	11.1	11.2	36.7	37.2	36.6	43.4	43.1	45.0	53
7.5	6.1	7.0	29.6	29.7	29.3	8.2	8.0	8.1	26.0	26.5	26.7	22.3	22.5	22.7	54
155.2	149.5	148.8	673.4	662.3	658.1	129.7	129.3	128.8	527.2	524.6	524.9	558.1	557.4	582.3	55
2.6	2.7	2.7	15.9	16.1	16.5	3.3	3.3	3.2	14.8	15.5	15.7	39.8	38.1	40.3	56
2.4	2.4	2.4	9.9	10.2	10.3	3.9	3.8	3.8	9.5	9.6	9.6	11.9	12.2	12.2	57
2.1	2.1	2.1	7.6	6.9	7.1	1.0	1.0	1.0	5.9	5.8	5.7	5.1	5.1	5.1	58
81.5	78.7	78.2	330.6	322.1	321.6	75.8	76.4	76.0	286.8	285.8	285.2	244.3	254.5	266.6	59
5.3	5.6	5.8	35.4	35.5	35.4	4.9	4.9	4.9	23.8	24.5	24.5	27.2	29.6	29.7	60

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Sept. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
1	<b>MICHIGAN—Continued</b>												
	Grand Rapids	221.5	213.0	214.3	(1)	(1)	(1)	10.9	10.5	10.5	80.2	71.0	71.2
2	Jackson	53.4	49.9	49.9	(1)	(1)	(1)	1.9	1.7	1.7	18.4	15.2	15.1
3	Kalamazoo—Portage	96.8	95.5	96.2	(1)	(1)	(1)	4.2	4.5	4.5	34.1	32.0	32.0
4	Lansing—East Lansing	163.3	153.2	160.6	(1)	(1)	(1)	7.0	6.9	6.9	40.7	37.1	36.7
5	Muskegon—Norton Shores—Musk. Hgts.	58.4	55.4	54.9	(1)	(1)	(1)	2.3	1.9	1.9	24.5	21.3	21.1
6	Saginaw	81.1	78.3	79.2	(1)	(1)	(1)	2.9	2.7	2.8	33.6	30.9	31.6
7	<b>MINNESOTA</b>	1,527.7	1,493.5	1,507.8	15.0	14.9	14.6	77.0	82.5	81.3	349.4	327.8	320.2
8	Duluth—Superior	57.2	56.3	56.6	(1)	(1)	(1)	2.5	2.6	2.7	7.5	7.6	7.5
9	Minneapolis—St. Paul	925.4	881.8	893.4	(1)	(1)	(1)	42.8	43.0	42.9	227.6	205.1	203.9
10	<b>MISSISSIPPI</b>	704.2	688.2	693.0	6.5	6.5	6.5	44.7	36.2	37.6	219.0	210.4	212.1
11	Jackson	118.8	116.6	117.6	.8	.8	.8	8.5	5.8	6.2	17.8	17.4	17.1
12	<b>MISSOURI</b>	1,793.9	1,742.0	1,753.5	8.9	8.3	8.3	76.6	76.4	76.3	450.0	410.6	414.9
13	Kansas City	552.6	538.2	538.3	.7	.6	.6	24.8	23.7	23.4	117.4	107.9	107.3
14	St. Joseph	34.7	34.1	34.0	(3)	(3)	(3)	2.0	1.9	1.9	9.2	8.7	8.9
15	St. Louis	916.7	898.9	908.2	3.1	3.0	3.0	26.8	30.8	31.0	259.9	243.1	245.6
16	Springfield	73.3	71.3	72.0	.2	.2	.2	3.5	3.4	3.4	19.6	17.7	17.8
17	<b>MONTANA</b>	240.4	252.6	247.3	7.5	7.0	7.1	14.1	13.9	13.5	24.5	24.8	24.0
18	Billings	38.4	39.3	39.6	(1)	(1)	(1)	2.2	2.5	2.3	3.8	3.4	3.4
19	Great Falls	27.5	29.4	28.8	(1)	(1)	(1)	1.8	2.2	2.2	2.0	1.8	1.8
20	<b>NEBRASKA</b>	561.0	561.3	562.3	1.8	1.8	1.8	32.0	33.2	33.0	91.8	84.4	85.6
21	Lincoln	88.5	89.0	89.0	(3)	(3)	(3)	5.8	5.3	5.4	13.2	12.5	12.6
22	Omaha	240.7	237.9	238.6	(3)	(3)	(3)	12.0	13.0	12.9	38.9	33.7	34.0
23	<b>NEVADA</b>	264.6	278.5	275.5	4.3	4.1	4.1	17.7	17.3	16.6	12.1	12.1	12.1
24	Las Vegas	143.5	151.5	151.1	.2	.2	.2	9.7	9.3	8.8	4.6	5.1	5.2
25	Reno	74.1	77.4	77.2	.3	.3	.3	5.7	5.5	5.4	4.8	4.6	4.6
26	<b>NEW HAMPSHIRE</b>	308.0	307.3	305.8	.4	.4	.4	18.2	17.4	17.0	93.2	86.5	87.2
27	Manchester	52.8	51.7	52.9	(1)	(1)	(1)	2.9	3.3	3.2	15.9	14.0	14.3
28	<b>NEW JERSEY</b>	2,793.4	2,652.0	2,660.7	3.1	2.9	2.7	118.4	93.9	95.5	817.2	730.9	732.6
29	Atlantic City	68.1	68.0	66.0	-	-	-	2.9	2.5	2.5	10.3	9.6	9.6
30	Camden	298.2	285.9	287.0	.2	.2	.2	18.3	15.0	14.4	70.3	62.7	62.9
31	Hackensack <sup>1 0</sup>	355.1	333.8	338.8	(1)	(1)	(1)	14.5	13.1	13.6	110.7	99.9	100.3
32	Jersey City <sup>1 0</sup>	248.2	230.9	233.2	-	-	-	5.1	4.9	5.0	88.4	79.0	79.6
33	Long Branch—Asbury Park	138.4	141.4	141.8	(1)	(1)	(1)	7.1	5.4	5.6	24.7	24.0	24.8
34	Newark <sup>1 0</sup>	876.9	830.5	836.6	1.1	1.1	1.1	35.8	29.8	30.8	256.3	226.5	227.2
35	New Bruns.—Perth Amboy—Sayreville <sup>1 0</sup>	249.6	243.1	245.2	(1)	(1)	(1)	10.8	10.7	10.5	89.1	80.2	79.5
36	Paterson—Clifton—Passaic <sup>1 0</sup>	185.3	175.4	177.1	(1)	(1)	(1)	7.2	5.4	5.3	70.1	66.8	67.2
37	Trenton	151.3	149.2	150.7	(1)	(1)	(1)	3.8	3.9	3.8	39.9	36.8	37.1
38	Vineland—Millville—Bridgeton	52.0	50.1	50.2	(1)	(1)	(1)	1.9	2.0	2.0	19.2	17.5	17.6
39	<b>NEW MEXICO</b>	364.7	372.5	374.5	19.6	20.3	20.3	25.1	25.8	26.3	29.2	28.3	28.2
40	Albuquerque	145.2	147.8	148.5	(1)	(1)	(1)	10.4	10.5	10.4	15.3	15.3	15.2
41	<b>NEW YORK</b>	7,121.5	6,828.0	6,859.3	8.0	7.4	7.3	279.5	232.8	229.7	1,590.6	1,462.4	1,464.0
42	Albany—Schenectady—Troy	313.7	305.4	307.4	(1)	(1)	(1)	14.5	13.6	13.4	66.8	59.9	60.1
43	Binghamton	106.8	102.0	103.4	(1)	(1)	(1)	3.8	3.4	3.4	40.5	37.3	37.2
44	Buffalo	504.0	479.7	480.7	(1)	(1)	(1)	20.4	17.0	17.0	158.0	140.5	139.7
45	Elmira	39.6	38.6	38.1	(1)	(1)	(1)	2.3	2.2	2.1	13.6	12.8	12.4
46	Monroe County <sup>1 1</sup>	333.9	316.4	320.0	(1)	(1)	(1)	14.3	10.3	10.1	136.5	125.6	125.0
47	Nassau—Suffolk <sup>1 2</sup>	810.9	799.0	806.2	(1)	(1)	(1)	41.0	34.1	33.5	153.3	142.9	142.9
48	New York—Northeastern New Jersey	6,562.4	6,287.2	(*)	3.3	3.0	(*)	237.1	197.4	(*)	1,457.2	1,346.6	(*)
49	New York and Nassau—Suffolk <sup>1 0</sup>	4,647.5	4,470.3	4,499.2	2.1	1.9	1.9	163.7	133.9	131.8	842.5	794.0	797.6
50	New York SMSA <sup>1 2</sup>	3,836.6	3,671.3	3,693.0	2.0	1.8	1.8	122.6	99.8	98.4	689.3	651.1	654.7
51	New York City <sup>1 3</sup>	3,442.4	3,290.0	3,308.9	1.5	1.5	1.5	101.1	82.0	81.0	605.3	573.0	576.2
52	Poughkeepsie	88.0	85.8	87.4	(1)	(1)	(1)	3.2	3.2	3.2	30.5	27.9	28.0
53	Rochester	405.9	387.6	392.1	(1)	(1)	(1)	17.4	12.9	12.3	157.3	144.8	144.4
54	Rockland County	72.6	73.5	73.5	(1)	(1)	(1)	3.4	3.2	3.3	14.7	14.7	14.6
55	Syracuse	248.3	231.6	235.3	(1)	(1)	(1)	13.8	10.7	10.5	62.0	53.0	52.7
56	Utica—Rome	113.8	110.7	109.6	(1)	(1)	(1)	4.4	4.4	4.2	35.0	31.8	31.6
57	Westchester County <sup>1 3</sup>	310.6	296.9	299.8	(1)	(1)	(1)	16.8	13.1	12.8	68.3	62.4	62.9
58	<b>NORTH CAROLINA</b>	2,062.6	2,014.8	2,028.2	4.2	3.8	3.7	123.1	116.5	116.9	791.1	751.9	758.1
59	Asheville	65.0	60.9	60.9	(1)	(1)	(1)	3.6	3.8	3.7	22.3	18.4	18.5
60	Charlotte—Gastonia	278.5	272.6	274.6	(1)	(1)	(1)	17.4	16.4	16.4	83.7	80.4	81.2

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**
**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	
10.0	10.1	10.1	49.5	50.0	50.1	8.3	8.3	8.3	38.7	38.2	39.3	23.9	25.0	25.0	1
4.4	4.3	4.3	9.8	9.6	9.6	1.5	1.5	1.5	8.5	8.6	8.7	9.0	9.0	9.1	2
3.2	3.0	3.0	18.4	18.9	19.0	3.1	3.2	3.1	15.5	15.7	15.7	18.2	18.3	18.8	3
3.7	3.6	3.7	29.6	28.9	28.7	7.1	7.2	7.2	21.5	21.6	21.3	53.7	48.0	56.2	4
2.9	2.9	2.9	10.5	10.5	10.4	1.6	1.6	1.6	7.7	8.1	7.9	8.9	9.1	9.2	5
3.9	4.1	4.1	15.5	15.1	15.1	3.2	3.2	3.2	12.0	11.6	11.7	10.0	10.7	10.8	6
95.4	92.2	93.0	371.2	365.9	366.5	73.4	71.7	71.5	276.2	278.7	283.4	270.2	259.7	277.3	7
7.1	7.2	7.4	13.9	14.5	14.5	2.0	1.9	1.9	12.3	11.8	11.9	12.0	10.7	10.8	8
62.1	59.9	61.3	227.0	219.3	221.2	55.9	55.2	55.0	175.1	176.9	177.6	135.0	122.4	131.4	9
37.0	35.7	35.7	136.0	136.3	136.5	27.6	28.0	28.0	87.3	88.1	87.6	146.1	147.0	148.9	10
7.8	7.7	7.7	27.8	27.8	28.0	9.2	9.4	9.4	22.3	22.8	23.0	24.6	24.9	25.3	11
128.6	118.6	119.6	412.2	404.4	404.4	97.8	98.4	97.7	300.6	306.3	306.4	319.2	319.0	325.9	12
52.4	48.6	49.1	138.4	135.5	135.8	36.4	36.5	36.5	101.0	105.1	103.9	81.5	80.3	81.7	13
2.3	2.2	2.3	8.6	8.4	8.4	1.6	1.7	1.7	5.6	5.7	5.6	5.4	5.5	5.3	14
66.7	61.4	65.5	205.6	204.3	204.8	48.8	49.7	49.5	175.2	177.6	177.2	130.6	129.0	131.6	15
5.5	5.2	5.2	18.6	18.8	18.8	2.8	2.8	2.9	13.2	13.2	13.4	9.9	10.0	10.3	16
20.1	19.5	19.5	60.4	64.6	63.1	10.7	10.8	10.8	43.9	48.0	45.8	59.2	64.0	63.5	17
3.7	3.6	3.6	12.0	13.2	13.0	1.9	2.0	2.0	8.2	8.1	8.2	6.6	6.5	7.1	18
2.5	2.5	2.4	8.1	8.8	8.5	1.9	2.0	2.0	5.3	6.2	6.1	5.9	5.9	5.8	19
40.9	39.6	39.7	143.4	145.2	145.1	34.1	35.1	35.1	99.6	100.7	100.5	117.4	121.2	121.4	20
5.7	5.4	5.4	18.8	18.7	18.6	6.0	6.0	6.0	14.6	15.2	15.4	24.3	25.8	25.5	21
22.5	21.4	21.2	61.3	60.3	60.7	19.4	20.2	20.2	48.3	49.0	48.4	38.2	40.4	41.1	22
17.1	17.2	17.2	51.8	54.9	54.5	10.8	11.4	11.3	107.4	116.2	113.5	43.4	45.3	46.2	23
8.9	8.8	8.9	27.6	29.0	28.9	5.7	6.0	5.9	68.0	73.3	73.0	18.8	19.8	20.2	24
5.8	6.0	6.0	16.8	17.6	17.5	3.9	4.0	4.0	24.6	26.8	26.4	12.2	12.6	13.0	25
12.8	12.5	12.7	65.9	66.1	66.3	14.7	15.6	15.6	56.8	61.3	59.1	46.0	47.5	47.5	26
3.7	3.6	3.7	11.8	12.0	12.5	3.7	3.9	3.9	9.9	9.9	10.1	4.9	5.0	5.2	27
184.1	174.0	173.4	612.6	593.7	590.7	137.5	138.4	138.2	477.1	474.9	472.4	443.4	443.3	455.2	28
3.6	3.5	3.5	18.9	19.9	18.5	3.8	4.2	4.1	16.2	16.1	15.4	12.4	12.2	12.4	29
16.3	16.0	15.8	75.4	74.3	74.7	14.1	14.2	14.1	51.9	52.2	51.9	51.7	51.3	53.0	30
18.3	18.0	18.2	98.9	93.9	94.3	14.8	15.1	15.3	61.5	60.6	61.6	36.4	33.2	35.5	31
33.9	32.0	32.0	45.2	43.0	43.5	8.8	8.8	8.7	29.2	27.4	27.5	37.6	35.8	36.9	32
5.6	5.9	5.7	34.1	35.6	34.9	5.5	5.7	5.7	30.6	32.6	31.8	30.8	32.2	33.3	33
65.2	64.5	64.9	169.9	161.1	163.2	60.9	60.5	60.2	159.4	159.1	159.0	128.3	127.9	130.2	34
18.2	17.0	17.2	53.3	54.3	55.1	7.2	7.4	7.3	29.6	32.4	32.5	41.4	41.1	43.1	35
7.3	5.9	5.7	43.1	42.1	42.8	8.6	8.3	8.2	27.4	26.2	26.1	21.6	20.7	21.8	36
5.4	5.0	4.9	22.8	22.6	22.9	6.1	6.2	6.1	35.5	34.9	35.8	37.8	39.8	40.1	37
3.7	3.2	3.2	8.5	8.0	8.0	2.5	2.5	2.5	7.2	7.2	7.2	9.0	9.7	9.7	38
23.5	23.1	23.0	81.0	85.8	84.9	16.5	16.8	16.9	65.7	68.8	68.9	104.1	103.6	106.0	39
8.7	8.5	8.5	35.3	37.5	37.3	8.4	8.5	8.6	32.7	33.5	33.5	34.4	34.0	35.0	40
455.1	446.5	445.3	1,453.8	1,423.5	1,430.5	587.8	586.8	584.8	1,463.7	1,451.2	1,453.9	1,283.1	1,217.4	1,243.7	41
16.0	14.8	14.6	62.4	61.0	61.3	13.4	13.5	13.2	56.8	58.2	59.1	83.7	84.4	85.6	42
4.6	4.3	4.4	19.7	19.3	19.9	3.5	3.6	3.6	13.4	13.1	13.3	21.3	20.9	21.7	43
29.0	26.9	26.9	108.7	106.6	106.6	20.2	19.9	19.8	86.0	86.3	87.2	81.6	82.5	83.4	44
1.6	1.5	1.5	8.3	8.3	8.0	1.0	1.0	1.0	6.4	6.3	6.4	6.3	6.5	6.6	45
11.3	11.2	11.1	58.5	57.6	58.3	13.6	14.2	14.4	61.6	62.3	63.4	38.1	35.2	37.6	46
34.4	34.7	34.7	216.8	220.0	222.8	43.7	43.1	43.2	161.7	168.8	168.1	160.1	155.3	161.0	47
480.6	471.9	(*)	1,380.5	1,340.1	(*)	590.3	589.5	(*)	1,349.1	1,337.9	(*)	1,064.3	1,000.8	(*)	48
337.7	334.6	333.6	970.1	945.6	955.9	490.1	489.9	488.3	1,042.1	1,034.4	1,039.0	799.1	736.1	750.9	49
303.3	299.8	298.9	753.4	725.5	733.1	446.5	446.8	445.1	880.5	865.7	871.0	639.0	580.8	589.9	50
281.1	277.4	276.6	666.1	640.2	647.2	427.4	427.0	425.5	792.7	776.2	780.4	567.4	512.7	520.5	51
2.8	2.7	2.7	14.1	14.2	14.3	2.7	2.7	2.7	14.3	15.3	15.6	20.3	19.8	21.0	52
14.1	13.6	13.5	73.3	73.9	74.5	15.2	16.0	16.2	71.6	72.7	74.1	57.1	53.8	57.0	53
3.8	3.7	3.7	14.6	14.9	15.0	2.6	2.7	2.7	15.3	15.6	16.0	18.2	18.7	18.2	54
14.7	14.0	14.0	53.7	52.3	52.1	14.3	14.6	14.6	46.2	44.1	46.4	43.6	43.0	45.0	55
4.4	4.2	4.2	20.1	19.6	19.5	5.0	4.9	4.9	17.4	17.4	17.7	27.4	28.3	27.5	56
17.9	18.2	18.1	70.2	67.8	68.3	16.1	16.6	16.5	70.7	71.9	72.7	50.5	46.8	48.5	57
103.9	100.1	100.3	377.8	373.4	374.6	88.4	86.5	86.5	264.1	266.0	266.8	310.0	316.6	321.3	58
3.4	3.2	3.2	13.3	12.8	12.9	2.3	2.5	2.5	10.9	10.8	10.7	9.0	9.4	9.4	59
24.3	23.8	24.0	65.9	64.7	65.1	18.1	17.8	17.8	38.0	37.0	37.2	31.1	32.5	32.9	60

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
<b>NORTH CAROLINA—Continued</b>												
1 Greensboro—Winston-Salem—High Point	343.9	329.5	331.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.5	15.2	15.1	142.7	133.7	134.3
2 Raleigh—Durham	216.4	213.1	213.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.6	12.1	12.0	37.0	35.0	34.9
<b>NORTH DAKOTA</b>	197.4	202.2	203.8	1.8	2.0	2.1	14.1	14.6	14.5	15.2	15.1	15.5
3 Fargo—Moorhead	51.5	51.6	52.8	.1	.2	.1	3.4	3.4	3.3	4.4	4.1	4.5
<b>OHIO</b>	4,243.2	4,116.9	4,135.7	25.4	28.2	28.1	183.3	176.4	175.8	1,429.3	1,279.4	1,274.2
5 Akron	264.2	251.5	252.8	.3	.3	.3	9.0	8.7	8.6	94.8	84.3	83.4
6 Canton	156.0	153.0	153.0	.7	.7	.6	6.2	6.3	6.1	63.0	56.7	56.7
7 Cincinnati	552.8	552.2	550.8	.5	.5	.5	26.9	25.8	25.3	168.7	157.4	156.2
8 Cleveland	891.3	866.5	872.7	1.4	1.4	1.4	34.2	33.0	32.7	287.0	255.5	254.9
9 Columbus	469.4	458.0	465.0	1.0	1.0	.9	22.6	21.3	21.0	104.3	92.4	93.2
10 Dayton	340.4	326.7	328.3	.5	.5	.5	14.1	12.6	12.5	116.5	101.9	102.3
11 Toledo	291.3	282.3	284.9	.7	.7	.7	14.7	14.5	14.8	90.5	85.0	84.1
12 Youngstown—Warren	219.6	208.8	207.2	.3	.3	.3	9.0	7.8	7.8	94.5	82.1	81.1
<b>OKLAHOMA</b>	890.5	891.0	895.7	39.4	39.9	39.9	46.2	43.5	43.8	156.9	150.5	151.2
14 Oklahoma City	316.1	311.3	311.7	8.2	8.5	8.5	17.6	16.7	16.7	42.7	38.4	38.4
15 Tulsa	224.7	224.1	225.1	13.4	13.8	14.0	14.8	12.9	12.7	52.1	50.6	50.9
<b>OREGON</b>	859.6	857.9	857.2	2.0	1.7	1.8	41.9	37.6	35.8	202.6	197.6	195.4
17 Eugene—Springfield	85.2	85.1	85.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	4.0	3.7	20.3	19.9	19.1
18 Jackson County	-	-	-	-	-	-	-	-	-	6.6	7.3	7.2
19 Portland	453.0	441.6	443.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.4	19.1	18.2	100.9	93.4	92.6
20 Salem	72.4	74.5	73.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	3.9	3.7	15.4	17.0	14.5
<b>PENNSYLVANIA</b>	4,569.3	4,381.2	4,420.7	43.7	46.6	46.5	224.5	201.7	202.1	1,468.9	1,353.1	1,351.6
22 Allentown—Bethlehem—Easton	258.7	246.7	249.4	.7	.7	.7	13.0	12.6	12.7	115.7	109.3	109.8
23 Altoona	51.0	49.5	49.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.0	1.9	14.4	13.3	13.6
24 Delaware Valley <sup>14</sup>	1,571.7	1,508.2	1,532.2	1.2	1.2	1.2	76.5	65.2	63.9	434.3	404.2	404.7
25 Erie	116.1	109.2	109.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	4.3	4.1	49.9	44.2	43.5
26 Harrisburg	207.3	201.4	203.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.3	10.8	10.7	42.0	38.8	38.7
27 Johnstown	85.3	86.3	86.0	7.4	8.2	8.2	3.0	2.6	2.6	24.1	23.4	23.2
28 Lancaster	138.3	132.4	133.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.1	6.9	6.8	57.0	53.6	53.6
29 Northeast Pennsylvania	241.5	232.5	235.7	1.4	1.4	1.5	13.6	12.3	12.5	82.7	78.0	78.9
30 Philadelphia SMSA	1,869.8	1,794.4	1,818.9	1.4	1.3	1.3	94.8	80.2	78.3	504.5	467.2	467.5
31 Philadelphia City <sup>15</sup>	847.7	822.0	835.3	-	-	-	25.6	22.7	22.4	190.0	178.7	180.5
32 Pittsburgh	913.3	879.9	883.9	12.3	13.4	13.3	46.3	39.7	39.9	265.5	246.3	243.8
33 Reading	135.6	129.0	130.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.5	5.1	5.2	54.4	50.2	50.5
34 Scranton <sup>16</sup>	86.2	84.1	85.3	.3	.3	.3	3.4	3.3	3.2	29.6	28.2	28.8
35 Wilkes-Barre—Hazleton <sup>17</sup>	130.0	124.3	126.7	1.0	1.1	1.1	8.5	7.9	8.1	47.9	44.4	45.0
36 Williamsport	47.1	45.8	46.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	1.7	1.6	19.1	18.3	18.3
37 York	141.6	133.1	135.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.4	6.7	6.7	62.3	57.2	58.0
<b>RHODE ISLAND</b>	372.5	354.3	356.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.8	11.9	11.3	127.8	117.9	117.9
39 Providence—Warwick—Pawtucket	391.4	370.9	372.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.7	12.8	12.2	145.5	133.2	133.4
<b>SOUTH CAROLINA</b>	1,028.0	1,006.8	1,009.5	2.0	1.9	1.8	79.9	69.5	68.6	372.1	353.6	357.2
41 Charleston	116.5	116.9	117.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.1	9.6	9.5	16.0	15.2	15.4
42 Columbia	146.8	145.7	147.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.5	8.6	8.5	24.7	22.6	22.8
43 Greenville—Spartanburg	237.7	230.6	232.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.5	18.8	18.5	102.6	94.8	95.4
<b>SOUTH DAKOTA</b>	213.9	212.1	213.1	2.6	2.6	2.6	12.1	10.1	10.1	21.3	20.1	20.4
45 Rapid City	23.2	24.0	24.2	.2	.1	.1	2.0	1.8	1.8	2.2	2.1	2.2
46 Sioux Falls	43.8	42.8	42.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	2.9	2.6	7.1	6.5	6.6
<b>TENNESSEE</b>	1,598.1	1,559.8	1,566.0	8.4	9.2	8.8	95.2	88.0	86.4	523.0	483.7	486.2
48 Chattanooga	159.6	156.5	156.9	.7	.8	.7	7.6	6.8	6.9	60.6	58.3	58.4
49 Knoxville	176.0	175.4	176.1	1.8	1.7	1.7	10.5	10.1	10.1	51.7	49.7	50.1
50 Memphis	331.9	319.9	320.2	.2	.2	.2	17.4	15.6	15.0	63.0	56.4	56.4
51 Nashville—Davidson	309.9	307.1	308.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.2	21.1	19.6	82.9	79.4	79.6
<b>TEXAS</b>	4,421.9	4,438.4	4,458.3	123.0	129.7	129.6	295.6	278.9	279.8	838.9	805.9	807.9
53 Amarillo	60.0	61.9	62.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	3.6	3.5	6.4	7.6	7.8
54 Austin	163.8	167.7	169.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.0	11.6	11.6	15.2	14.5	14.7
55 Beaumont—Port Arthur—Orange	128.6	124.3	124.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.1	7.3	7.4	41.8	41.8	41.1
56 Corpus Christi	97.4	97.9	98.0	3.4	3.6	3.6	8.2	7.8	7.9	11.8	11.4	11.4
57 Dallas—Fort Worth	1,101.8	1,087.4	1,089.1	11.9	12.4	12.4	55.0	46.4	47.4	249.8	239.1	239.7
58 El Paso	134.5	131.0	130.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.3	6.5	6.4	31.8	30.8	30.4

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	
20.5	19.3	19.4	62.2	60.1	60.5	15.6	15.4	15.4	44.5	44.2	44.6	40.9	41.6	42.6	1
10.8	10.5	10.4	41.5	41.2	41.4	14.3	14.1	13.9	41.3	41.3	41.5	57.9	58.9	59.7	2
13.2	13.2	13.1	53.6	55.8	55.3	8.3	8.9	9.0	37.7	39.5	39.7	53.4	53.3	54.7	3
3.6	3.5	3.5	15.6	15.9	15.9	2.8	2.9	2.9	10.9	10.9	11.5	10.7	10.8	11.1	4
232.0	227.1	225.9	889.2	905.0	903.4	178.1	181.8	180.1	685.0	715.2	713.2	620.9	603.7	635.0	5
15.5	15.2	15.1	54.2	54.9	54.7	8.6	8.6	8.5	41.2	43.3	41.9	40.5	36.3	40.5	6
7.8	7.8	7.7	31.8	33.0	33.0	5.8	6.0	6.0	24.6	25.9	26.2	16.1	16.6	16.7	7
33.9	33.7	33.5	121.5	122.0	122.4	28.1	28.6	28.5	98.1	106.7	105.5	75.0	77.4	78.9	8
50.6	49.3	49.1	201.9	205.6	205.7	43.9	44.5	44.0	157.9	163.8	164.3	114.4	113.4	120.5	9
23.6	23.1	23.1	106.0	107.4	108.6	31.5	32.1	31.8	85.4	90.6	90.3	95.1	90.1	96.1	10
12.5	12.6	12.6	67.3	68.0	67.8	11.4	12.0	11.9	55.7	56.8	57.7	62.5	62.2	63.0	11
19.8	19.6	19.3	65.1	64.6	64.9	9.4	9.4	9.2	48.6	50.3	50.4	42.4	38.1	41.5	12
11.4	11.4	11.1	43.1	43.6	43.6	6.5	6.7	6.7	31.7	34.7	33.3	23.1	22.2	23.2	13
57.4	55.2	54.9	205.8	211.1	211.5	46.0	47.5	47.3	137.9	143.3	143.1	200.9	200.0	204.0	14
20.7	19.6	19.9	77.2	78.4	78.3	20.6	20.2	20.3	48.2	49.3	49.0	80.9	80.2	80.6	15
18.3	17.8	18.0	52.0	52.6	52.8	12.2	13.3	13.2	38.6	39.1	39.1	23.3	24.0	24.4	16
52.8	51.3	51.0	200.4	204.1	203.3	45.5	46.4	46.1	143.2	148.7	147.2	171.2	170.5	176.6	17
4.9	4.7	4.6	19.0	20.0	20.2	3.7	3.7	3.7	14.2	14.6	14.9	18.8	18.2	19.5	18
31.9	31.0	30.7	111.6	112.4	112.6	30.5	30.8	30.7	84.7	85.0	85.1	71.0	69.9	73.4	19
2.4	2.3	2.3	13.9	14.0	13.7	3.6	3.7	3.7	10.8	11.1	11.3	22.1	22.5	23.8	20
265.2	252.0	252.4	905.2	875.9	882.5	210.1	208.2	208.0	770.9	778.7	780.8	680.8	665.0	696.8	21
13.4	12.7	12.7	44.4	41.6	41.5	7.7	8.0	7.9	36.6	34.9	35.4	27.2	26.9	28.7	22
7.6	7.4	7.5	10.5	10.4	10.4	1.5	1.5	1.5	7.8	7.8	7.7	7.1	7.1	7.3	23
86.0	81.0	81.6	327.9	315.6	323.6	96.8	94.0	93.8	312.6	312.3	321.9	236.4	234.7	241.5	24
5.7	5.5	5.5	21.1	20.0	19.9	4.3	4.5	4.5	16.6	17.6	17.9	13.8	13.1	14.2	25
14.9	14.5	14.5	41.5	40.0	40.1	10.3	10.7	10.8	33.0	32.7	33.6	55.3	53.9	54.9	26
5.8	5.6	5.5	15.6	16.5	16.0	2.6	2.7	2.8	13.6	14.0	14.2	13.2	13.3	13.5	27
6.0	5.9	6.0	27.6	27.0	27.4	4.4	4.7	4.5	22.8	23.1	23.0	12.4	11.2	11.9	28
13.4	12.3	12.5	46.9	46.1	45.4	8.7	8.8	8.7	40.0	40.6	41.0	34.8	33.0	35.2	29
102.3	97.0	97.5	403.4	390.0	398.2	110.9	108.2	107.8	364.4	364.5	373.8	288.1	286.0	294.5	30
59.9	57.2	57.5	167.4	158.5	163.9	67.5	65.8	65.8	185.3	185.9	190.8	152.0	153.2	154.4	31
59.2	55.2	55.1	189.0	186.9	188.9	41.9	42.6	42.4	180.3	180.2	182.1	118.8	115.6	118.4	32
6.9	6.5	6.4	24.6	23.7	23.8	5.0	4.8	4.8	21.2	21.2	21.2	18.0	17.5	19.0	33
5.0	5.1	5.1	17.9	17.0	17.0	3.1	3.2	3.2	16.8	17.0	17.4	10.1	10.0	10.3	34
7.0	6.2	6.3	24.4	24.8	24.5	4.6	4.8	4.8	17.8	17.7	17.8	18.8	17.4	19.1	35
2.1	2.0	2.1	8.6	8.2	8.1	2.1	2.3	2.4	7.8	8.1	8.1	5.3	5.2	5.5	36
6.5	5.8	5.8	27.2	25.9	25.8	3.2	3.0	3.0	18.9	18.2	19.1	16.1	16.3	17.1	37
15.0	13.1	13.9	75.9	74.0	73.8	18.0	18.0	18.0	66.9	66.4	66.1	54.1	53.0	55.2	38
14.5	12.7	13.5	79.6	77.8	77.6	18.3	18.3	18.3	66.9	65.9	65.5	50.9	50.2	51.8	39
43.1	41.6	41.4	180.0	180.9	178.9	40.0	40.9	41.1	126.8	130.8	128.7	184.1	187.6	191.8	40
7.6	7.5	7.5	24.5	24.7	24.9	5.0	4.9	4.9	16.1	16.7	16.5	38.2	38.3	38.4	41
8.3	8.4	8.4	30.2	30.1	30.1	10.3	10.4	10.5	20.9	20.3	20.5	42.9	45.3	47.1	42
10.6	10.1	10.1	40.8	40.6	41.0	8.7	8.7	8.7	32.4	32.6	32.9	24.1	25.0	25.9	43
12.8	13.1	13.0	56.0	56.2	56.1	8.6	9.1	9.0	43.8	45.7	46.0	56.7	55.2	55.9	44
1.5	1.6	1.6	6.7	7.2	6.9	1.0	1.1	1.1	4.4	4.8	5.0	5.2	5.3	5.6	45
4.3	4.3	4.4	12.1	12.0	12.0	2.2	2.3	2.3	9.2	9.0	9.2	6.4	5.8	5.7	46
75.2	71.5	71.9	323.1	319.3	319.0	70.7	67.4	66.8	241.6	245.6	248.0	260.9	275.1	278.9	47
6.1	5.9	6.0	30.1	29.0	29.2	9.2	9.0	9.1	20.9	19.9	19.7	24.4	26.8	26.9	48
7.0	7.0	7.0	37.2	37.8	37.9	6.6	6.8	6.8	24.4	25.0	25.1	36.8	37.3	37.4	49
22.5	20.9	21.0	87.7	85.0	85.0	19.7	18.9	18.8	59.6	58.8	59.5	61.8	64.1	64.3	50
16.4	16.2	16.8	68.6	66.8	67.0	19.0	19.5	19.3	55.1	55.9	56.4	46.7	48.2	49.7	51
297.7	286.2	287.9	1,074.1	1,086.5	1,089.5	251.6	257.8	257.5	747.6	772.6	771.6	793.4	820.8	834.5	52
5.6	5.8	5.9	19.3	20.3	20.2	3.0	3.1	3.1	11.4	11.3	11.4	10.2	10.2	10.5	53
5.8	5.8	5.9	32.4	34.1	34.0	9.3	9.3	9.4	25.7	26.6	26.4	64.4	65.8	67.7	54
9.4	8.2	8.3	25.3	26.1	26.3	4.4	4.5	4.5	18.7	18.9	19.0	16.9	17.5	17.7	55
5.9	5.9	5.9	25.1	25.2	25.2	4.7	4.8	4.8	16.2	16.5	16.5	22.1	22.7	22.7	56
77.3	75.2	75.6	290.6	293.5	294.7	83.7	85.5	85.1	190.0	190.2	190.8	143.5	145.1	143.4	57
10.1	9.6	9.6	33.0	32.1	32.0	6.1	6.0	6.0	18.8	20.0	20.3	26.4	26.0	26.2	58

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
<b>TEXAS—Continued</b>												
1 Galveston—Texas City	57.5	61.6	61.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.6	3.5	10.6	12.3	12.4
2 Houston	979.1	1,003.1	1,005.8	40.6	44.0	44.1	90.5	92.7	94.0	174.6	174.7	174.4
3 Lubbock	72.0	71.8	72.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	4.0	4.0	10.3	10.4	10.4
4 San Antonio	310.1	307.4	307.2	1.8	1.8	1.8	21.3	20.3	20.0	40.9	37.2	37.5
5 Waco	56.9	56.1	56.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.4	3.3	13.4	12.5	12.5
6 Wichita Falls	44.9	45.1	45.1	2.0	2.1	2.1	2.9	2.6	2.6	7.2	6.6	6.6
7 <b>UTAH</b>	451.0	450.1	446.3	14.2	12.9	12.9	26.2	25.9	25.2	72.2	68.6	68.4
8 Salt Lake City—Ogden	322.8	323.3	317.9	6.9	5.9	5.9	18.4	18.3	17.4	48.6	47.2	46.7
9 <b>VERMONT</b> <sup>7</sup>	166.2	162.0	163.2	.9	.7	.8	9.6	7.7	7.5	42.7	39.1	39.5
10 Burlington <sup>18</sup>	40.8	41.1	41.9	-	-	-	-	-	-	9.2	9.2	9.3
11 Springfield <sup>18</sup>	13.3	12.7	12.6	-	-	-	-	-	-	6.2	5.7	5.7
12 <b>VIRGINIA</b> <sup>19</sup>	1,813.7	1,783.2	1,790.3	17.8	18.4	18.5	129.2	120.0	117.9	403.8	374.4	376.9
13 Bristol	23.6	23.5	23.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.1	1.1	8.8	8.2	8.4
14 Lynchburg	61.6	59.5	59.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.2	3.1	27.1	25.1	25.2
15 Newport News—Hampton	129.4	126.5	127.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.7	6.8	6.7	33.0	30.7	30.8
16 Norfolk—Virginia Beach—Portsmouth	248.8	244.6	242.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.4	18.5	18.3	29.8	25.7	25.6
17 Northern Virginia <sup>20</sup>	348.3	346.5	345.6	.4	.4	.4	26.7	25.5	25.0	11.9	11.4	11.3
18 Richmond	278.1	270.4	270.8	.4	.4	.4	17.9	16.9	16.7	53.9	49.6	49.8
19 Roanoke	97.2	95.0	94.7	.2	.2	.2	6.8	6.4	6.4	22.4	21.1	21.2
20 <b>WASHINGTON</b>	1,225.5	1,221.3	1,223.4	2.2	2.6	2.5	56.5	56.8	54.7	261.1	247.7	247.1
21 Seattle—Everett	569.0	571.9	571.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.2	25.9	25.4	131.5	123.7	121.6
22 Spokane	108.3	101.3	102.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	4.9	5.0	15.0	13.8	13.7
23 Tacoma	115.1	116.4	115.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.3	5.5	5.2	20.8	19.6	20.0
24 <b>WEST VIRGINIA</b>	577.6	574.5	575.3	55.7	58.2	58.4	33.2	31.7	31.8	131.7	121.4	122.6
25 Charleston	98.9	98.2	98.3	4.7	5.0	5.0	6.7	6.3	6.3	18.6	17.8	17.4
26 Huntington—Ashland	92.1	90.5	(*)	.6	.6	(*)	4.4	4.3	(*)	29.1	27.3	(*)
27 Parkersburg—Marietta	53.2	49.9	50.3	.4	.4	.4	3.5	3.2	3.2	18.6	15.1	15.6
28 Wheeling	60.7	60.8	60.4	5.6	5.7	5.8	1.9	1.8	1.8	15.0	14.9	14.4
29 <b>WISCONSIN</b>	1,747.0	1,730.5	1,730.0	3.1	2.9	2.9	71.5	66.7	66.6	556.3	519.0	510.0
30 Appleton—Oshkosh	113.6	110.0	110.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	5.3	5.2	45.4	40.8	40.9
31 Green Bay	67.1	68.4	68.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.3	2.8	2.8	19.8	20.6	20.0
32 Kenosha	44.7	44.3	44.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.4	1.5	21.0	20.1	19.8
33 La Crosse	35.7	35.3	35.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.1	1.1	9.7	8.8	8.4
34 Madison	140.4	141.7	143.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.0	6.5	6.6	17.2	16.5	16.1
35 Milwaukee	629.5	611.4	612.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.1	21.1	21.7	216.1	196.0	196.3
36 Racine	64.5	62.4	62.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	1.6	1.7	29.6	26.8	26.7
37 <b>WYOMING</b>	141.0	144.6	144.0	16.0	16.7	17.6	17.5	16.3	15.2	8.6	7.9	8.5
38 Casper	23.5	24.3	24.3	4.2	4.5	4.6	1.9	2.1	2.1	1.6	1.7	1.7
39 Cheyenne	24.5	24.9	24.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	3.5	3.1	1.6	1.7	1.7

<sup>1</sup> Combined with services.  
<sup>2</sup> Total and construction revised; not strictly comparable with previously published data.  
<sup>3</sup> Combined with construction.  
<sup>4</sup> Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.  
<sup>5</sup> Revised to 1974 benchmark; not strictly comparable with previously published data.  
<sup>6</sup> Area included in Chicago—Gary, Indiana Standard Consolidated Statistical Area.  
<sup>7</sup> Revised to 1975 benchmark; not strictly comparable with previously published data.  
<sup>8</sup> Data do not include Federal employment in the Maryland sector of the Washington, D.C. Standard Metropolitan Statistical Area.  
<sup>9</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>10</sup> Subarea of New York—Northeastern New Jersey.  
<sup>11</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>12</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>13</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>14</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>15</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.  
<sup>16</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>17</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>18</sup> Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
<sup>19</sup> Federal employment in the Virginia sector of the Washington Standard Metropolitan Statistical Area is included in Virginia.  
<sup>20</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun and Prince William Counties, Virginia.  
\* Not available.  
p= preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	
4.9	5.4	5.8	10.1	10.7	10.5	3.7	4.1	4.1	9.2	9.8	9.2	15.4	15.7	15.7	1
82.2	79.2	79.1	229.3	236.1	238.1	59.7	60.9	61.4	188.4	194.0	192.2	113.8	121.5	122.5	2
4.3	4.3	4.4	21.6	21.2	21.3	3.6	3.5	3.5	12.6	12.7	12.6	15.2	15.7	16.1	3
14.1	14.3	14.2	74.1	72.6	72.7	20.7	20.9	20.8	51.4	51.6	51.6	85.8	88.7	88.6	4
2.8	2.8	2.8	12.9	12.7	12.8	3.2	3.3	3.3	11.7	11.7	11.7	9.7	9.7	9.8	5
2.4	2.3	2.3	10.7	11.3	11.2	1.8	2.0	2.0	7.0	7.3	7.3	10.9	10.9	11.0	6
27.1	27.2	27.2	105.6	107.7	108.1	20.3	20.5	20.4	76.2	79.3	77.5	109.2	107.8	106.6	7
21.9	22.2	22.0	79.3	80.2	80.3	16.8	17.3	17.2	50.3	52.0	51.0	80.6	80.3	77.4	8
8.4	8.2	8.2	34.2	34.3	34.3	6.6	6.7	6.6	34.1	35.1	35.3	30.0	30.5	31.3	9
2.1	2.0	2.0	8.8	9.0	8.9	-	-	-	8.1	8.6	8.6	-	-	-	10
.9	.7	.8	1.8	1.9	1.8	-	-	-	2.1	2.0	2.0	-	-	-	11
107.6	103.5	103.5	368.2	368.8	370.1	86.7	85.0	84.9	289.4	294.2	296.3	411.0	418.9	422.2	12
1.0	.9	1.0	4.6	4.9	4.9	.9	1.0	1.1	3.1	3.3	3.2	4.1	4.1	4.1	13
2.6	2.4	2.4	9.9	9.8	9.8	2.9	3.0	3.0	8.2	8.6	8.7	7.5	7.4	7.5	14
4.8	4.6	4.6	23.3	22.7	22.9	4.3	4.1	4.1	21.1	22.8	22.5	35.2	34.8	35.7	15
17.0	16.3	16.0	59.1	59.1	58.1	12.4	12.2	11.9	41.0	43.2	42.3	69.1	69.6	70.4	16
27.9	26.4	26.1	80.5	80.1	80.2	22.0	22.2	22.1	75.1	77.5	77.6	103.8	103.0	102.9	17
18.3	17.4	17.3	62.6	60.3	60.8	22.2	22.1	22.0	45.0	45.6	45.2	57.8	58.1	58.6	18
11.0	10.5	10.4	21.8	21.6	21.5	5.2	5.4	5.4	16.9	16.7	16.5	12.9	13.1	13.1	19
75.1	73.6	72.5	281.0	286.2	284.9	65.5	67.5	67.1	213.2	223.8	221.3	270.9	263.1	273.3	20
40.6	40.3	39.8	129.5	135.5	135.6	39.1	39.9	39.8	100.7	104.7	104.9	103.4	101.9	104.1	21
7.8	7.5	7.4	29.4	28.3	28.2	6.3	6.3	6.3	25.3	22.3	22.5	19.5	18.2	19.4	22
5.8	6.2	5.9	25.9	28.2	27.5	5.9	5.8	5.7	21.9	24.9	23.4	28.5	26.2	27.3	23
40.9	40.0	40.0	111.2	113.4	113.6	18.0	18.7	18.7	79.6	80.5	80.3	107.2	110.6	109.9	24
9.4	9.2	9.2	22.2	22.6	22.7	4.3	4.3	4.3	15.8	15.8	15.9	17.2	17.2	17.6	25
8.6	8.5	(*)	18.6	18.7	(*)	3.4	3.4	(*)	12.5	12.5	(*)	14.9	15.1	(*)	26
2.4	2.3	2.3	11.4	11.7	11.7	1.7	1.7	1.7	7.5	7.8	7.7	7.8	7.7	7.7	27
3.9	3.8	3.8	13.5	13.8	13.8	2.6	2.6	2.6	11.4	11.5	11.5	6.8	6.5	6.8	28
88.5	82.7	83.9	387.0	397.2	399.4	72.9	73.4	73.9	286.0	301.8	302.5	281.7	286.9	290.8	29
4.4	4.3	4.5	23.3	23.4	23.8	4.2	4.2	4.2	16.7	17.1	17.1	14.7	14.9	15.0	30
5.2	5.2	5.2	16.6	16.7	16.6	2.0	2.0	2.0	11.4	12.0	12.2	8.8	9.1	9.4	31
1.5	1.4	1.4	7.7	7.9	8.1	.9	.9	.9	6.7	7.0	6.9	5.6	5.6	6.0	32
2.2	1.9	1.9	9.3	9.9	9.8	.8	.9	.9	7.0	7.2	7.2	5.3	5.6	5.8	33
5.4	5.3	5.3	29.8	30.2	31.1	8.6	9.3	9.3	23.0	24.1	24.2	49.3	49.9	50.9	34
32.8	30.5	30.2	136.4	136.9	137.5	32.3	32.1	32.2	113.5	118.6	119.0	75.3	76.2	76.0	35
2.1	2.0	2.1	11.7	12.0	12.0	1.7	1.6	1.6	9.5	9.8	9.8	7.9	8.5	8.5	36
12.7	12.6	12.6	28.4	30.0	29.5	4.5	5.0	5.1	20.6	20.5	18.7	32.7	35.6	36.8	37
1.9	2.0	1.9	5.7	5.5	5.7	.9	1.0	1.0	3.5	3.8	3.7	3.8	3.7	3.6	38
3.2	3.1	3.1	4.7	4.4	4.5	1.3	1.5	1.5	4.1	4.0	4.0	6.7	6.7	6.8	39





**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
-	<b>TOTAL PRIVATE</b> .....	\$159.51	\$157.40	\$168.43	\$168.33	\$169.42	\$4.37	\$4.36	\$4.64	\$4.65	\$4.68
-	<b>MINING</b> .....	235.64	190.37	255.25	258.00	268.23	5.38	5.23	6.02	6.00	6.11
10	<b>METAL MINING</b> .....	239.93	241.86	258.85	261.21	-	5.74	5.80	6.36	6.34	-
101	Iron ores .....	257.34	260.33	293.63	276.18	-	5.77	5.93	6.75	6.56	-
102	Copper ores .....	241.16	244.80	245.86	263.87	-	5.94	6.00	6.47	6.63	-
11,12	<b>COAL MINING</b> .....	264.38	122.76	290.54	290.97	-	6.25	6.23	7.30	7.22	-
12	Bituminous coal and lignite mining .....	265.22	111.51	291.34	291.45	-	6.27	6.30	7.32	7.25	-
13	<b>OIL AND GAS EXTRACTION</b> .....	223.15	221.56	240.35	244.35	-	4.97	4.99	5.45	5.43	-
131,2	Crude petroleum and natural gas fields .....	227.94	226.43	253.13	249.64	-	5.44	5.43	6.25	6.21	-
138	Oil and gas field services .....	220.88	218.94	233.77	240.86	-	4.74	4.77	5.06	5.06	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	213.38	206.39	224.73	228.54	-	4.70	4.68	5.05	5.09	-
142	Crushed and broken stone .....	224.20	213.40	223.39	227.30	-	4.75	4.69	5.02	5.04	-
-	<b>CONTRACT CONSTRUCTION</b> .....	265.62	255.50	278.99	279.00	273.70	6.99	7.00	7.42	7.44	7.54
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	247.05	247.32	265.70	266.82	-	6.75	6.87	7.22	7.31	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	275.37	244.44	284.41	282.08	-	6.51	6.30	6.92	6.88	-
161	Highway and street construction .....	282.92	230.62	282.07	277.89	-	6.43	5.99	6.70	6.68	-
162	Heavy construction, nec .....	268.87	256.50	286.63	285.22	-	6.59	6.56	7.13	7.06	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	272.69	265.30	284.70	284.70	-	7.39	7.39	7.80	7.80	-
171	Plumbing, heating, air conditioning .....	286.14	281.62	296.32	297.04	-	7.53	7.55	7.86	7.90	-
172	Painting, paper hanging, decorating .....	238.60	230.48	250.56	254.17	-	6.74	6.70	7.20	7.18	-
173	Electrical work .....	302.51	299.30	321.77	322.06	-	7.94	7.96	8.49	8.52	-
174	Masonry, stonework, and plastering .....	255.00	247.30	261.37	252.57	-	7.37	7.36	7.71	7.70	-
176	Roofing and sheetmetal work .....	229.43	215.48	239.19	243.21	-	6.65	6.63	7.14	7.07	-
-	<b>MANUFACTURING</b> .....	183.26	182.22	196.58	196.00	197.20	4.57	4.59	4.89	4.90	4.93
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	199.59	198.05	212.22	211.98	213.19	4.88	4.89	5.24	5.26	5.29
20-23,26-31	<b>NONDURABLE GOODS</b> .....	160.29	159.80	175.52	174.59	176.67	4.11	4.14	4.41	4.42	4.45
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	199.07	204.05	224.76	224.39	227.76	4.82	4.87	5.39	5.42	5.41
192	Ammunition, except for small arms .....	196.66	202.94	226.85	226.70	(*)	4.82	4.89	5.56	5.57	(*)
1925	Complete guided missiles .....	230.33	235.05	256.27	252.75	-	5.55	5.57	6.19	6.21	-
1929	Ammunition, exc. for small arms, nec. ....	161.60	168.91	180.35	183.96	-	4.04	4.14	4.52	4.52	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	157.18	153.97	177.20	176.84	173.93	4.02	4.02	4.43	4.41	4.37
242	Sawmills and planing mills .....	154.06	148.98	173.29	172.10	(*)	3.92	3.90	4.30	4.26	(*)
2421	Sawmills and planing mills, general .....	160.36	154.71	180.18	179.01	-	4.07	4.05	4.46	4.42	-
243	Millwork, plywood and related products .....	159.42	159.68	180.29	180.24	179.27	4.13	4.18	4.53	4.54	4.55
2431	Millwork .....	159.74	158.84	175.43	176.17	-	4.16	4.18	4.43	4.46	-
2432	Veneer and plywood .....	153.18	156.24	185.26	182.62	-	4.01	4.09	4.62	4.60	-
244	Wooden containers .....	122.05	119.42	131.03	132.10	(*)	3.17	3.11	3.43	3.44	(*)
2441,2	Wooden boxes, shooks, and crates .....	115.97	113.10	129.07	127.97	-	3.06	3.00	3.37	3.35	-
249	Miscellaneous wood products .....	138.51	137.26	151.78	151.78	(*)	3.42	3.44	3.72	3.72	(*)
25	<b>FURNITURE AND FIXTURES</b> .....	140.01	136.42	149.33	150.11	149.74	3.59	3.59	3.79	3.81	3.82
251	Household furniture .....	130.47	126.75	141.09	142.99	142.30	3.38	3.38	3.59	3.62	3.63
2511	Wood household furniture .....	124.74	122.22	132.33	135.26	-	3.15	3.15	3.35	3.39	-
2512	Upholstered household furniture .....	135.79	131.00	150.54	151.31	-	3.70	3.69	3.86	3.86	-
2515	Mattresses and bedsprings .....	144.02	139.37	162.76	160.66	-	3.79	3.85	4.11	4.13	-
252	Office furniture .....	164.76	160.80	167.98	169.97	-	3.97	3.99	4.21	4.26	-
254	Partitions and fixtures .....	174.76	171.26	182.42	181.63	-	4.38	4.38	4.63	4.61	-
253,9	Other furniture and fixtures .....	157.16	157.95	164.64	164.12	165.75	4.04	4.05	4.20	4.23	4.25
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	194.32	192.05	206.41	206.82	206.73	4.66	4.65	5.01	5.02	5.03
321	Flat glass .....	251.27	245.82	248.46	248.58	-	5.83	5.73	6.29	6.23	-
322	Glass and glassware, pressed or blown .....	188.26	187.80	204.02	207.06	209.71	4.66	4.66	5.05	5.10	5.09
3221	Glass containers .....	198.62	197.72	214.43	215.02	-	4.88	4.87	5.23	5.27	-
3229	Pressed and blown glass, nec .....	174.84	175.60	188.50	195.54	-	4.36	4.39	4.76	4.84	-
324	Cement, hydraulic .....	247.99	254.89	274.80	270.44	(*)	5.99	6.04	6.59	6.58	(*)
325	Structural clay products .....	153.82	152.76	167.68	165.24	166.44	3.77	3.80	4.07	4.04	4.03
3251	Brick and structural clay tile .....	140.65	138.25	153.14	151.25	-	3.49	3.50	3.69	3.68	-
326	Pottery and related products .....	157.59	159.58	166.32	169.22	-	4.01	4.04	4.32	4.35	-
327	Concrete, gypsum, and plaster products .....	206.15	199.61	217.42	216.92	213.87	4.75	4.73	5.08	5.08	5.08
328,9	Other stone and nonmetallic mineral products .....	189.70	189.61	197.72	198.94	(*)	4.56	4.58	4.87	4.90	(*)
3291	Abrasive products .....	181.17	181.42	184.02	191.30	-	4.61	4.64	4.83	4.88	-

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
—	<b>TOTAL PRIVATE</b> .....	36.5	36.1	36.3	36.2	36.2	—	—	—	—	—
—	<b>MINING</b> .....	43.8	36.4	42.4	43.0	43.9	—	—	—	—	—
10	<b>METAL MINING</b> .....	41.8	41.7	40.7	41.2	—	—	—	—	—	—
101	Iron ores .....	44.6	43.9	43.5	42.1	—	—	—	—	—	—
102	Copper ores .....	40.6	40.8	38.0	39.8	—	—	—	—	—	—
11,12	<b>COAL MINING</b> .....	42.3	18.1	39.8	40.3	—	—	—	—	—	—
12	Bituminous coal and lignite mining .....	42.3	17.7	39.8	40.2	—	—	—	—	—	—
13	<b>OIL AND GAS EXTRACTION</b> .....	44.9	44.4	44.1	45.0	—	—	—	—	—	—
131,2	Crude petroleum and natural gas fields .....	41.9	41.7	40.5	40.2	—	—	—	—	—	—
138	Oil and gas field services .....	46.6	45.9	46.2	47.6	—	—	—	—	—	—
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	45.4	44.1	44.5	44.9	—	—	—	—	—	—
142	Crushed and broken stone .....	47.2	45.5	44.5	45.1	—	—	—	—	—	—
—	<b>CONTRACT CONSTRUCTION</b> .....	38.0	36.5	37.6	37.5	36.3	—	—	—	—	—
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	36.6	36.0	36.8	36.5	—	—	—	—	—	—
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	42.3	38.8	41.1	41.0	—	—	—	—	—	—
161	Highway and street construction .....	44.0	38.5	42.1	41.6	—	—	—	—	—	—
162	Heavy construction, nec. .....	40.8	39.1	40.2	40.4	—	—	—	—	—	—
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	36.9	35.9	36.5	36.5	—	—	—	—	—	—
171	Plumbing, heating, air conditioning .....	38.0	37.3	37.7	37.6	—	—	—	—	—	—
172	Painting, paper hanging, decorating .....	35.4	34.4	34.8	35.4	—	—	—	—	—	—
173	Electrical work .....	38.1	37.6	37.9	37.8	—	—	—	—	—	—
174	Masonry, stonework, and plastering .....	34.6	33.6	33.9	34.1	—	—	—	—	—	—
176	Roofing and sheet metal work .....	34.5	32.5	33.5	34.4	—	—	—	—	—	—
—	<b>MANUFACTURING</b> .....	40.1	39.7	40.2	40.0	40.0	3.3	2.9	3.1	3.0	2.9
19,24,25, 32,39	<b>DURABLE GOODS</b> .....	40.9	40.5	40.5	40.3	40.3	3.5	3.1	3.0	2.8	2.7
20,23,26,31	<b>NONDURABLE GOODS</b> .....	39.0	38.6	39.8	39.5	39.7	3.0	2.6	3.4	3.1	3.0
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	41.3	41.9	41.7	41.4	42.1	2.9	3.0	2.8	2.6	—
192	Ammunition, except for small arms .....	40.8	41.5	40.8	40.7	(*)	2.5	2.8	2.5	2.3	—
1925	Complete guided missiles .....	41.5	42.2	41.4	40.7	—	—	—	—	—	—
1929	Ammunition, exc. for small arms, nec. ....	40.0	40.8	39.9	40.7	—	—	—	—	—	—
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	39.1	38.3	40.0	40.1	39.8	3.1	2.6	3.5	3.4	—
242	Sawmills and planing mills .....	39.3	38.2	40.3	40.4	(*)	3.5	3.0	4.0	3.8	—
2421	Sawmills and planing mills, general .....	39.4	38.2	40.4	40.5	—	—	—	—	—	—
243	Millwork, plywood and related products .....	38.6	38.2	39.8	39.7	39.4	2.3	2.0	3.0	3.0	—
2431	Millwork .....	38.4	38.0	39.6	39.5	—	—	—	—	—	—
2432	Veneer and plywood .....	38.2	38.2	40.1	39.7	—	—	—	—	—	—
244	Wooden containers .....	38.5	38.4	38.2	38.4	(*)	2.3	1.8	2.5	2.2	—
2441,2	Wooden boxes, shooks, and crates .....	37.9	37.7	38.3	38.2	—	—	—	—	—	—
249	Miscellaneous wood products .....	40.5	39.9	40.8	40.8	(*)	3.4	3.0	3.5	3.6	—
25	<b>FURNITURE AND FIXTURES</b> .....	39.0	38.0	39.4	39.4	39.2	2.4	1.7	2.4	2.4	—
251	Household furniture .....	38.6	37.5	39.3	39.5	39.2	2.2	1.5	2.4	2.5	—
2511	Wood household furniture .....	39.6	38.8	39.5	39.9	—	2.6	2.0	2.5	2.7	—
2512	Upholstered household furniture .....	36.7	35.5	39.0	39.2	—	—	—	—	—	—
2515	Mattresses and bedspings .....	38.0	36.2	39.6	38.9	—	—	—	—	—	—
252	Office furniture .....	41.5	40.3	39.9	39.9	—	3.8	2.9	2.3	2.3	—
254	Partitions and fixtures .....	39.9	39.1	39.4	39.4	—	2.9	2.2	2.7	2.3	—
253,9	Other furniture and fixtures .....	38.9	39.0	39.2	38.8	39.0	2.1	2.1	2.4	1.7	—
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	41.7	41.3	41.2	41.2	41.1	4.5	4.0	4.3	4.2	—
321	Flat glass .....	43.1	42.9	39.5	39.9	—	5.3	4.0	3.6	3.8	—
322	Glass and glassware, pressed or blown .....	40.4	40.3	40.4	40.6	41.2	3.8	3.7	4.3	4.4	—
3221	Glass containers .....	40.7	40.6	41.0	40.8	—	—	—	—	—	—
3229	Pressed and blown glass, nec. ....	40.1	40.0	39.6	40.4	—	2.8	2.5	3.0	3.4	—
324	Cement, hydraulic .....	41.4	42.2	41.7	41.1	(*)	3.1	3.4	3.2	2.9	—
325	Structural clay products .....	40.8	40.2	41.2	40.9	41.3	3.9	3.5	4.0	3.7	—
3251	Brick and structural clay tile .....	40.3	39.5	41.5	41.1	—	—	—	—	—	—
326	Pottery and related products .....	39.3	39.5	38.5	38.9	—	2.4	2.4	2.3	2.5	—
327	Concrete, gypsum and plaster products .....	43.4	42.2	42.8	42.7	42.1	6.2	5.5	5.8	5.6	—
328,9	Other stone and nonmetallic mineral products .....	41.6	41.4	40.6	40.6	(*)	4.2	3.8	3.3	3.2	—
3291	Abrasive products .....	39.3	39.1	38.1	39.2	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
	<b>DURABLE GOODS—Continued</b>										
33	<b>PRIMARY METAL INDUSTRIES</b>	\$242.69	\$243.26	\$257.52	\$252.10	\$256.56	\$5.82	\$5.89	\$6.39	\$6.35	\$6.43
331	Blast furnace and basic steel products	268.86	273.32	288.22	276.43	(*)	6.51	6.65	7.26	7.18	(*)
3312	Blast furnaces and steel mills	273.98	278.39	295.02	281.89	—	6.65	6.79	7.45	7.36	—
332	Iron and steel foundries	221.75	217.36	225.68	229.71	230.68	5.23	5.20	5.60	5.70	5.71
3321	Gray iron foundries	228.45	221.23	230.35	235.94	—	5.35	5.28	5.73	5.84	—
3322	Malleable iron foundries	223.99	217.95	230.06	234.91	—	5.49	5.49	5.96	6.07	—
3323	Steel foundries	203.83	208.68	213.72	214.49	—	4.83	4.91	5.20	5.27	—
333,4	Nonferrous metals	235.20	236.04	253.59	254.20	(*)	5.60	5.62	6.17	6.20	(*)
3334	Primary aluminum	267.93	265.20	283.03	287.32	—	6.26	6.24	6.92	6.94	—
335	Nonferrous rolling and drawing	220.71	214.02	238.83	234.84	(*)	5.23	5.22	5.70	5.70	(*)
3351	Copper rolling and drawing	207.66	205.00	234.22	229.75	—	5.14	5.27	5.59	5.59	—
3352	Aluminum rolling and drawing	230.89	223.81	246.03	243.20	—	5.42	5.38	5.90	5.89	—
3357	Nonferrous wire drawing and insulating	222.56	213.73	240.39	235.09	—	5.20	5.15	5.71	5.72	—
336	Nonferrous foundries	187.40	186.19	196.71	196.52	198.70	4.65	4.69	4.93	4.95	4.98
3361	Aluminum castings	192.16	191.27	203.09	202.24	—	4.78	4.83	5.09	5.12	—
3362,9	Other nonferrous castings	182.25	179.50	190.00	189.92	—	4.50	4.51	4.75	4.76	—
339	Miscellaneous primary metal products	242.82	244.80	247.64	249.48	(*)	5.70	5.76	6.04	6.07	(*)
3391	Iron and steel forgings	256.20	255.07	261.84	262.63	—	6.00	6.03	6.34	6.39	—
34	<b>FABRICATED METAL PRODUCTS</b>	195.16	193.26	209.39	209.68	211.93	4.76	4.76	5.17	5.19	5.22
341	Metal cans	248.09	249.65	294.34	282.01	(*)	5.81	5.93	6.72	6.62	(*)
342	Cutlery, hand tools, and hardware	182.38	177.56	196.49	199.20	200.50	4.47	4.45	4.90	4.98	5.00
3421,3,5	Cutlery and hand tools, incl. saws	173.26	171.50	184.00	185.14	—	4.31	4.32	4.60	4.64	—
3429	Hardware, nec	189.11	182.86	205.71	208.80	—	4.59	4.56	5.13	5.22	—
343	Plumbing and heating, except electric	168.48	169.17	187.17	189.83	188.50	4.32	4.36	4.61	4.63	4.62
3431,2	Sanitary ware and plumbers' brass goods	168.08	171.33	192.29	193.46	—	4.40	4.45	4.69	4.73	—
3433	Heating equipment, except electric	169.12	167.74	182.91	187.46	—	4.26	4.29	4.55	4.55	—
344	Fabricated structural metal products	194.62	196.39	207.25	208.46	(*)	4.77	4.79	5.13	5.16	(*)
3441	Fabricated structural steel	208.83	207.67	222.03	220.42	—	5.02	4.98	5.35	5.35	—
3442	Metal doors, sash, and trim	155.98	157.10	164.74	165.51	—	4.02	4.07	4.16	4.19	—
3443	Fabricated plate work (boiler shops)	205.76	210.00	223.18	224.40	—	4.97	5.00	5.47	5.50	—
3444	Sheet metal work	202.10	201.80	209.21	212.65	—	4.99	5.02	5.31	5.37	—
3446,9	Architectural and misc. metal work	180.84	183.34	194.17	195.86	—	4.40	4.45	4.83	4.86	—
345	Screw machine products, bolts, etc	197.37	194.54	195.13	196.12	(*)	4.59	4.61	4.94	4.94	(*)
3451	Screw machine products	188.29	187.81	187.70	188.18	—	4.42	4.44	4.74	4.74	—
3452	Bolts, nuts, rivets, and washers	206.15	200.87	202.64	203.15	—	4.75	4.76	5.13	5.13	—
346	Metal stampings	221.20	206.32	232.56	234.67	(*)	5.33	5.21	5.70	5.78	(*)
347	Metal services, nec	158.40	161.60	167.11	165.53	(*)	3.99	4.03	4.22	4.18	(*)
348	Miscellaneous fabricated wire products	169.68	169.24	179.10	180.75	179.84	4.20	4.21	4.50	4.53	4.53
349	Miscellaneous fabricated metal products	189.37	192.29	201.60	203.81	(*)	4.63	4.69	5.04	5.07	(*)
3494,8	Valves, pipe, and pipe fittings	196.05	201.41	209.44	212.50	—	4.77	4.83	5.21	5.26	—
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	216.33	217.09	223.72	223.85	226.18	5.09	5.12	5.47	5.50	5.53
351	Engines and turbines	242.11	251.39	254.00	249.27	(*)	5.82	5.86	6.15	6.17	(*)
3511	Steam engines and turbines	223.15	238.48	239.93	234.60	—	5.39	5.42	5.74	5.75	—
3519	Internal combustion engines, nec	250.62	256.52	260.57	256.07	—	6.01	6.05	6.34	6.37	—
352	Farm machinery	227.34	221.08	238.04	235.94	—	5.40	5.34	5.82	5.84	—
353	Construction and related machinery	226.10	227.38	237.31	240.20	241.61	5.32	5.35	5.76	5.83	5.85
3531,2	Construction and mining machinery	244.10	244.24	252.34	256.41	—	5.69	5.72	6.20	6.30	—
3533	Oil field machinery	216.14	213.69	228.11	227.85	—	4.89	4.89	5.22	5.25	—
3535,6	Conveyors, hoists, cranes, monorails	197.88	205.01	222.35	226.18	—	4.85	4.94	5.41	5.45	—
3537	Industrial trucks and tractors	190.64	194.65	194.66	193.92	—	4.79	4.83	5.03	5.05	—
354	Metal working machinery	230.36	230.48	229.04	226.80	228.73	5.32	5.36	5.60	5.60	5.62
3541	Machine tools, metal cutting types	239.50	239.50	229.34	221.35	—	5.37	5.37	5.58	5.52	—
3544	Special dies, tools, jigs and fixtures	251.37	249.98	249.78	250.80	—	5.70	5.76	5.99	6.00	—
3545	Machine tool accessories	211.50	212.72	206.71	203.84	—	4.93	4.97	5.22	5.20	—
3542,8	Miscellaneous metal working machinery	202.45	203.94	208.06	203.45	—	4.89	4.95	5.15	5.19	—
355	Special industry machinery	193.44	197.40	202.31	203.01	(*)	4.65	4.70	5.02	5.05	(*)
3551	Food products machinery	208.18	211.30	210.37	209.20	—	4.91	4.96	5.22	5.23	—
3552	Textile machinery	159.59	159.99	165.90	172.80	—	4.02	4.03	4.20	4.32	—
3555	Printing trades machinery	212.42	215.56	199.80	202.75	—	5.01	5.06	5.11	5.12	—
356	General industrial machinery	213.36	215.55	224.27	226.32	227.28	5.08	5.12	5.47	5.52	5.53
3561	Pumps and compressors	208.08	213.27	224.05	226.59	—	4.99	5.03	5.36	5.46	—
3562	Ball and roller bearings	230.05	229.30	238.63	238.88	—	5.35	5.37	5.75	5.77	—
3564	Blowers and fans	191.63	190.07	201.89	211.04	—	4.64	4.67	5.06	5.11	—
3566	Power transmission equipment	213.27	219.22	224.67	224.27	—	5.03	5.11	5.44	5.47	—
357	Office and computing machines	196.88	200.13	209.92	210.74	213.31	4.71	4.72	5.12	5.14	5.14
3573	Electronic computing equipment	199.61	201.92	221.01	221.84	—	4.73	4.74	5.30	5.32	—
358	Service industry machines	187.11	180.71	198.00	196.61	(*)	4.62	4.61	4.95	4.99	(*)
3585	Refrigeration machinery	189.20	178.87	200.07	199.80	—	4.66	4.61	4.94	5.02	—
359	Miscellaneous machinery, except electrical	218.00	216.53	215.25	215.95	(*)	4.91	4.91	5.25	5.28	(*)

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours					
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	
	<b>DURABLE GOODS—Continued</b>											
33	<b>PRIMARY METAL INDUSTRIES</b>	41.7	41.3	40.3	39.7	39.9	4.2	3.7	3.0	2.7	—	
331	Blast furnace and basic steel products	41.3	41.1	39.7	38.5	(*)	3.6	3.3	2.2	1.7	—	
3312	Blast furnaces and steel mills	41.2	41.0	39.6	38.3	—	3.5	3.2	2.1	1.6	—	
332	Iron and steel foundries	42.4	41.8	40.3	40.3	40.4	5.3	4.7	3.9	3.9	—	
3321	Gray iron foundries	42.7	41.9	40.2	40.4	—	5.8	4.9	3.9	4.2	—	
3322	Malleable iron foundries	40.8	39.7	38.6	38.7	—	—	—	—	—	—	
3323	Steel foundries	42.2	42.5	41.1	40.7	—	4.6	4.8	4.1	3.6	—	
333,4	Nonferrous metals	42.0	42.0	41.1	41.0	(*)	4.1	4.1	3.6	3.2	—	
3334	Primary aluminum	42.8	42.5	40.9	41.4	—	—	—	—	—	—	
335	Nonferrous rolling and drawing	42.2	41.0	41.9	41.2	(*)	4.4	3.4	4.2	3.6	—	
3351	Copper rolling and drawing	40.4	38.9	41.9	41.1	—	—	—	—	—	—	
3352	Aluminum rolling and drawing	42.6	41.6	41.7	41.3	—	4.9	4.0	4.1	3.9	—	
3357	Nonferrous wire drawing and insulating	42.8	41.5	42.1	41.1	—	4.9	3.4	4.4	3.4	—	
336	Nonferrous foundries	40.3	39.7	39.9	39.7	39.9	3.0	2.6	2.6	2.5	—	
3361	Aluminum castings	40.2	39.6	39.9	39.5	—	—	—	—	—	—	
3362,9	Other nonferrous castings	40.5	39.8	40.0	39.9	—	—	—	—	—	—	
339	Miscellaneous primary metal products	42.6	42.5	41.0	41.1	(*)	5.8	5.6	3.6	3.6	—	
3391	Iron and steel forgings	42.7	42.3	41.3	41.1	—	—	—	—	—	—	
34	<b>FABRICATED METAL PRODUCTS</b>	41.0	40.6	40.5	40.4	40.6	3.6	3.1	3.0	2.8	—	
341	Metal cans	42.7	42.1	43.8	42.6	(*)	3.7	3.2	5.2	3.3	—	
342	Cutlery, hand tools, and hardware	40.8	39.9	40.1	40.0	40.1	3.2	2.7	2.4	2.5	—	
3421,3,5	Cutlery and hand tools, incl. saws	40.2	39.7	40.0	39.9	—	—	—	—	—	—	
3429	Hardware, nec	41.2	40.1	40.1	40.0	—	—	—	—	—	—	
343	Plumbing and heating, except electric	39.0	38.8	40.6	41.0	40.8	2.1	1.8	3.1	3.6	—	
3431,2	Sanitary ware and plumbers' brass goods	38.2	38.5	41.0	40.9	—	—	—	—	—	—	
3433	Heating equipment, except electric	39.7	39.1	40.2	41.2	—	—	—	—	—	—	
344	Fabricated structural metal products	40.8	41.0	40.4	40.4	(*)	3.5	3.4	2.9	2.8	—	
3441	Fabricated structural steel	41.6	41.7	41.5	41.2	—	4.3	4.1	3.5	3.3	—	
3442	Metal doors, sash, and trim	38.8	38.6	39.6	39.5	—	—	—	—	—	—	
3443	Fabricated plate work (boiler shops)	41.4	42.0	40.8	40.8	—	3.7	4.0	3.3	3.1	—	
3444	Sheet metal work	40.5	40.2	39.4	39.6	—	—	—	—	—	—	
3446,9	Architectural and misc. metal work	41.1	41.2	40.2	40.3	—	—	—	—	—	—	
345	Screw machine products, bolts, etc	43.0	42.2	39.5	39.7	(*)	5.1	4.3	2.0	2.0	—	
3451	Screw machine products	42.6	42.3	39.6	39.7	—	—	—	—	—	—	
3452	Bolts, nuts, rivets, and washers	43.4	42.2	39.5	39.6	—	—	—	—	—	—	
346	Metal stampings	41.5	39.6	40.8	40.6	(*)	4.1	2.5	3.5	3.1	—	
347	Metal services, nec	39.7	40.1	39.6	39.6	(*)	3.3	3.5	3.1	3.2	—	
348	Miscellaneous fabricated wire products	40.4	40.2	39.8	39.9	39.7	3.0	2.7	2.7	2.4	—	
349	Miscellaneous fabricated metal products	40.9	41.0	40.0	40.2	(*)	3.3	3.2	2.8	2.7	—	
3494,8	Valves, pipe, and pipe fittings	41.1	41.7	40.2	40.4	—	—	—	—	—	—	
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	42.5	42.4	40.9	40.7	40.9	4.5	4.2	3.1	2.8	—	
351	Engines and turbines	41.6	42.9	41.3	40.4	(*)	4.8	5.5	3.9	2.2	—	
3511	Steam engines and turbines	41.4	44.0	41.8	40.8	—	—	—	—	—	—	
3519	Internal combustion engines, nec	41.7	42.4	41.1	40.2	—	—	—	—	—	—	
352	Farm machinery	42.1	41.4	40.9	40.4	—	4.7	3.6	2.9	2.7	—	
353	Construction and related machinery	42.5	42.5	41.2	41.2	41.3	4.2	4.1	3.3	3.0	—	
3531,2	Construction and mining machinery	42.9	42.7	40.7	40.7	—	4.4	4.4	2.8	2.5	—	
3533	Oil field machinery	44.2	43.7	43.7	43.4	—	—	—	—	—	—	
3535,6	Conveyors, hoists, cranes, monorails	40.8	41.5	41.1	41.5	—	—	—	—	—	—	
3537	Industrial trucks and tractors	39.8	40.3	38.7	38.4	—	—	—	—	—	—	
354	Metal working machinery	43.3	43.0	40.9	40.5	40.7	5.5	5.2	3.1	2.9	—	
3541	Machine tools, metal cutting types	44.6	44.6	41.1	40.1	—	6.3	6.3	2.7	2.1	—	
3544	Special dies, tools, jig and fixtures	44.1	43.4	41.7	41.8	—	—	—	—	—	—	
3545	Machine tool accessories	42.9	42.8	39.6	39.2	—	4.9	4.6	2.3	2.1	—	
3542,8	Miscellaneous metal working machinery	41.4	41.2	40.4	39.2	—	—	—	—	—	—	
355	Special industry machinery	41.6	42.0	40.3	40.2	(*)	4.2	4.2	2.7	2.5	—	
3551	Food products machinery	42.4	42.6	40.3	40.0	—	—	—	—	—	—	
3552	Textile machinery	39.7	39.7	39.5	40.0	—	—	—	—	—	—	
3555	Printing trades machinery	42.4	42.6	39.1	39.6	—	—	—	—	—	—	
356	General industrial machinery	42.0	42.1	41.0	41.0	41.1	4.3	4.3	3.3	3.2	—	
3561	Pumps and compressors	41.7	42.4	41.8	41.5	—	3.8	4.4	3.7	3.6	—	
3562	Ball and roller bearings	43.0	42.7	41.5	41.4	—	5.3	4.9	3.7	3.5	—	
3564	Blowers and fans	41.3	40.7	39.9	41.3	—	—	—	—	—	—	
3566	Power transmission equipment	42.4	42.9	41.3	41.0	—	4.9	5.3	4.1	3.3	—	
357	Office and computing machines	41.8	42.4	41.0	41.0	41.5	3.0	3.1	2.2	2.2	—	
3573	Electronic computing equipment	42.2	42.6	41.7	41.7	—	—	—	—	—	—	
358	Service industry machines	40.5	39.2	40.0	39.4	(*)	3.5	1.7	1.6	1.3	—	
3585	Refrigeration machinery	40.6	38.8	40.5	39.8	—	3.8	1.2	1.8	1.4	—	
359	Miscellaneous machinery, except electrical	44.4	44.1	41.0	40.9	(*)	5.1	4.9	3.7	3.5	—	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

78

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>
<b>DURABLE GOODS—Continued</b>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	\$171.97	\$173.17	\$185.93	\$185.47	\$188.54	\$4.31	\$4.34	\$4.66	\$4.66	\$4.69
361	Electric test and distributing equipment	179.52	181.52	186.36	186.44	191.43	4.40	4.46	4.73	4.72	4.75
3611	Electric measuring instruments	153.24	155.62	163.46	161.02	—	3.86	3.91	4.17	4.15	—
3612	Transformers	177.83	179.44	185.42	184.32	—	4.38	4.52	4.73	4.69	—
3613	Switchgear and switchboard apparatus	203.28	205.64	205.25	208.24	—	4.84	4.85	5.17	5.18	—
362	Electrical industrial apparatus	176.20	179.58	184.00	183.48	189.14	4.31	4.38	4.60	4.61	4.67
3621	Motors and generators	176.51	179.86	186.41	185.78	—	4.38	4.43	4.58	4.61	—
3622	Industrial controls	166.43	170.54	175.83	174.15	—	4.14	4.18	4.52	4.50	—
363	Household appliances	170.34	171.17	186.93	187.05	(*)	4.28	4.29	4.65	4.63	(*)
3632	Household refrigerators and freezers	195.73	193.34	190.03	192.96	—	4.51	4.56	4.86	4.91	—
3633	Household laundry equipment	189.93	180.81	221.90	213.40	—	4.87	4.90	5.52	5.43	—
3634	Electric housewares and fans	146.63	147.73	157.61	159.96	—	3.75	3.74	3.99	3.94	—
364	Electric lighting and wiring equipment	163.07	162.66	172.92	176.27	179.78	4.16	4.16	4.40	4.44	4.45
3641	Electric lamps	168.08	168.50	183.47	185.73	—	4.14	4.14	4.53	4.53	—
3642	Lighting fixtures	167.96	163.16	176.79	179.79	—	4.34	4.26	4.58	4.61	—
3643.4	Wiring devices	157.56	158.69	165.45	169.52	—	4.04	4.09	4.21	4.27	—
365	Radio and TV receiving equipment	156.74	149.31	173.09	166.84	(*)	4.05	3.95	4.36	4.30	(*)
366	Communication equipment	198.05	202.05	215.07	215.87	218.16	4.89	4.94	5.35	5.37	5.40
3661	Telephone and telegraph apparatus	200.69	207.36	222.31	221.20	—	4.98	5.07	5.53	5.53	—
3662	Radio and TV communication equipment	195.69	196.66	210.25	212.10	—	4.82	4.82	5.23	5.25	—
367	Electronic components and accessories	138.93	142.35	157.61	156.42	156.81	3.59	3.65	3.97	3.96	3.94
3671-3	Electron tubes	177.24	181.85	206.07	201.80	—	4.42	4.49	4.93	4.91	—
3674.9	Other electronic components	133.60	136.58	150.11	149.35	—	3.47	3.52	3.81	3.81	—
369	Miscellaneous electrical equip. and supplies	211.09	197.11	218.24	218.15	(*)	5.05	4.94	5.31	5.36	(*)
3694	Engine electrical equipment	228.54	205.01	230.11	228.97	—	5.39	5.19	5.64	5.71	—
37	<b>TRANSPORTATION EQUIPMENT</b>	236.40	228.05	253.58	255.63	253.13	5.78	5.73	6.14	6.25	6.25
371	Motor vehicles and equipment	264.80	246.43	275.64	279.45	(*)	6.26	6.13	6.61	6.75	(*)
3711	Motor vehicles	280.08	259.13	285.38	290.69	—	6.59	6.43	6.86	7.09	—
3712	Passenger car bodies	299.60	266.85	295.40	334.61	—	7.00	6.79	7.33	7.71	—
3713	Truck and bus bodies	185.89	186.51	203.31	200.43	—	4.73	4.77	5.07	5.10	—
3714	Motor vehicle parts and accessories	262.23	245.84	275.37	275.04	—	6.17	6.07	6.51	6.58	—
3715	Truck trailers	171.65	167.52	188.65	193.65	—	4.39	4.34	4.90	4.94	—
372	Aircraft and parts †	223.11	226.08	254.18	253.38	(*)	5.55	5.61	6.11	6.15	(*)
3721	Aircraft †	222.53	223.29	263.34	262.44	—	5.75	5.83	6.30	6.37	—
3722	Aircraft engines and engine parts †	227.00	233.66	252.76	252.15	—	5.55	5.59	6.12	6.15	—
3723.9	Other aircraft parts and equipment †	219.91	223.26	235.61	235.46	—	5.15	5.18	5.65	5.66	—
373	Ship and boat building and repairing	186.62	189.42	217.21	216.40	(*)	4.86	4.92	5.35	5.41	(*)
3731	Ship building and repairing	195.32	197.49	229.96	229.94	—	5.14	5.17	5.65	5.72	—
3732	Boat building and repairing	158.80	160.36	170.83	166.96	—	3.98	4.07	4.26	4.27	—
374	Railroad equipment	234.55	238.95	243.49	249.48	—	5.82	5.90	6.18	6.30	—
375.9	Other transportation equipment	148.48	149.23	165.78	164.40	—	3.97	3.99	4.24	4.27	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	172.40	174.50	184.00	183.94	187.86	4.31	4.33	4.60	4.61	4.65
381	Engineering and scientific instruments	186.71	188.55	199.35	198.28	—	4.61	4.61	4.91	4.92	—
382	Mechanical measuring and control devices	165.11	167.96	176.51	176.06	(*)	4.18	4.22	4.48	4.48	(*)
3821	Mechanical measuring devices	169.68	172.14	184.22	185.49	—	4.20	4.24	4.56	4.58	—
3822	Automatic temperature controls	156.94	160.13	163.18	159.96	—	4.13	4.17	4.34	4.30	—
383.5	Optical and ophthalmic goods	157.21	158.80	165.20	166.00	165.57	3.97	3.97	4.13	4.15	4.16
385	Ophthalmic goods	143.19	146.92	150.88	150.50	—	3.70	3.71	3.81	3.81	—
384	Medical instruments and supplies	152.46	155.61	158.73	159.51	164.39	3.85	3.90	4.07	4.09	4.12
386	Photographic equipment and supplies	219.18	223.33	237.72	238.30	(*)	5.32	5.33	5.77	5.77	(*)
387	Watches, clocks, and watchcases	139.30	136.02	149.54	146.86	—	3.50	3.47	3.72	3.69	—
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	136.64	137.50	148.22	149.37	150.93	3.54	3.59	3.82	3.83	3.86
391	Jewelry, silverware, and plated ware	148.58	150.54	159.90	166.82	(*)	3.91	3.91	4.10	4.16	(*)
394	Toys and sporting goods	125.78	126.39	136.64	137.71	—	3.25	3.30	3.54	3.54	—
3941-3	Games, toys, dolls and play vehicles	121.29	120.02	132.06	133.82	—	3.11	3.15	3.43	3.44	—
3949	Sporting and athletic goods, nec	131.75	133.94	143.95	144.32	—	3.44	3.47	3.71	3.71	—
395	Pens, pencils, office and art supplies	141.95	145.35	155.45	156.97	—	3.54	3.58	3.81	3.81	—
396	Costume jewelry and notions	121.18	121.64	126.63	127.05	—	3.24	3.27	3.35	3.37	—
393.9	Other manufacturing industries	147.05	147.46	161.44	161.41	161.38	3.79	3.85	4.15	4.16	4.17
393	Musical instruments and parts	144.40	141.21	154.44	155.23	—	3.61	3.63	3.90	3.92	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	171.68	172.43	192.19	187.92	189.95	4.26	4.30	4.62	4.64	4.69
201	Meat products	181.75	182.56	194.55	191.20	(*)	4.51	4.53	4.78	4.78	(*)
2011	Meat packing plants	229.41	226.42	241.96	235.66	—	5.36	5.34	5.72	5.72	—
2013	Sausages and other prepared meats	205.20	211.23	231.43	228.83	—	5.13	5.19	5.59	5.65	—
2015	Poultry dressing plants	104.06	106.19	116.13	116.59	—	2.82	2.87	3.04	3.06	—

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>
<b>DURABLE GOODS—Continued</b>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	39.9	39.9	39.9	39.8	40.2	2.4	2.2	2.2	2.0	--
361	Electric test and distributing equipment	40.8	40.7	39.4	39.5	40.3	3.1	3.1	1.8	1.7	--
3611	Electric measuring instruments	39.7	39.8	39.2	38.8	--	1.9	1.9	1.4	1.7	--
3612	Transformers	40.6	39.7	39.2	39.3	--	--	--	--	--	--
3613	Switchgear and switchboard apparatus	42.0	42.4	39.7	40.2	--	--	--	--	--	--
362	Electrical industrial apparatus	40.6	41.0	40.0	39.8	40.5	3.0	3.2	2.1	2.0	--
3621	Motors and generators	40.3	40.6	40.7	40.3	--	3.0	3.2	2.6	2.3	--
3622	Industrial controls	40.2	40.8	38.9	38.7	--	2.3	2.7	1.4	1.2	--
363	Household appliances	39.8	39.9	40.2	40.4	(*)	2.2	1.7	2.7	2.3	--
3632	Household refrigerators and freezers	43.4	42.4	39.1	39.3	--	--	--	--	--	--
3633	Household laundry equipment	39.0	36.9	40.2	39.3	--	--	--	--	--	--
3634	Electric housewares and fans	39.1	39.5	39.5	40.6	--	2.4	1.8	2.5	2.7	--
364	Electric lighting and wiring equipment	39.2	39.1	39.3	39.7	40.4	2.0	1.5	1.8	2.0	--
3641	Electric lamps	40.6	40.7	40.5	41.0	--	2.3	2.0	2.0	2.3	--
3642	Lighting fixtures	38.7	38.3	38.6	39.0	--	2.2	1.6	1.8	2.2	--
3643,4	Wiring devices	39.0	38.8	39.3	39.7	--	1.6	1.3	1.7	1.7	--
365	Radio and TV receiving equipment	38.7	37.8	39.7	38.8	(*)	1.7	.8	2.4	1.7	--
366	Communication equipment	40.5	40.9	40.2	40.2	40.4	2.2	2.3	2.3	2.0	--
3661	Telephone and telegraph apparatus	40.3	40.9	40.2	40.0	--	--	--	--	--	--
3662	Radio and TV communication equipment	40.6	40.8	40.2	40.4	--	2.5	2.3	2.4	2.4	--
367	Electronic components and accessories	38.7	39.0	39.7	39.5	39.8	1.9	2.0	2.1	1.9	--
3671-3	Electron tubes	40.1	40.5	41.8	41.1	--	1.8	3.0	2.7	2.6	--
3674,9	Other electronic components	38.5	38.8	39.4	39.2	--	1.9	1.8	2.0	1.8	--
369	Miscellaneous electrical equip. and supplies	41.8	39.9	41.1	40.7	(*)	3.9	2.2	3.0	2.9	--
3694	Engine electrical equipment	42.4	39.5	40.8	40.1	--	--	--	--	--	--
37	<b>TRANSPORTATION EQUIPMENT</b>	40.9	39.8	41.3	40.9	40.5	3.9	2.9	3.3	3.3	--
371	Motor vehicles and equipment	42.3	40.2	41.7	41.4	(*)	4.8	2.9	3.6	3.9	--
3711	Motor vehicles	42.5	40.3	41.6	41.0	--	5.2	2.7	3.3	4.0	--
3712	Passenger car bodies	42.8	39.3	40.3	43.4	--	--	--	--	--	--
3713	Truck and bus bodies	39.3	39.1	40.1	39.3	--	--	--	--	--	--
3714	Motor vehicle parts and accessories	42.5	40.5	42.3	41.8	--	5.0	3.3	4.3	3.9	--
3715	Truck trailers	39.1	38.6	38.5	39.2	--	--	--	--	--	--
372	Aircraft and parts	40.2	40.3	41.6	41.2	(*)	3.3	3.3	3.3	3.1	--
3721	Aircraft	38.7	38.3	41.8	41.2	--	2.3	2.0	3.2	2.7	--
3722	Aircraft engines and engine parts	40.9	41.8	41.3	41.0	--	3.7	4.0	3.4	3.3	--
3723,9	Other aircraft parts and equipment	42.7	43.1	41.7	41.6	--	5.0	5.2	3.6	3.6	--
373	Ship and boat building and repairing	38.4	38.5	40.6	40.0	(*)	2.9	3.0	3.2	2.8	--
3731	Ship building and repairing	38.0	38.2	40.7	40.2	--	--	--	--	--	--
3732	Boat building and repairing	39.9	39.4	40.1	39.1	--	--	--	--	--	--
374	Railroad equipment	40.3	40.5	39.4	39.6	--	1.9	1.7	2.1	2.2	--
375,9	Other transportation equipment	37.4	37.4	39.1	38.5	--	1.7	1.4	1.8	1.7	--
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	40.0	40.3	40.0	39.9	40.4	2.5	2.4	2.2	2.2	--
381	Engineering and scientific instruments	40.5	40.9	40.6	40.3	--	3.3	2.8	2.9	2.7	--
382	Mechanical measuring and control devices	39.5	39.8	39.4	39.3	(*)	2.3	2.1	2.2	2.0	--
3821	Mechanical measuring devices	40.4	40.6	40.4	40.5	--	2.7	2.5	2.5	2.6	--
3822	Automatic temperature controls	38.0	38.4	37.6	37.2	--	1.6	1.4	1.6	1.1	--
383,5	Optical and ophthalmic goods	39.6	40.0	40.0	40.0	39.8	2.4	2.0	1.7	2.0	--
385	Ophthalmic goods	38.7	39.6	39.6	39.5	--	2.1	1.7	1.5	1.9	--
384	Medical instruments and supplies	39.6	39.9	39.0	39.0	39.9	2.2	2.3	1.9	1.8	--
386	Photographic equipment and supplies	41.2	41.9	41.2	41.3	(*)	2.7	2.8	2.7	2.5	--
387	Watches, clocks, and watch cases	39.8	39.2	40.2	39.8	--	2.7	1.9	2.2	2.0	--
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	38.6	38.3	38.8	39.0	39.1	2.2	2.1	2.2	2.3	--
391	Jewelry, silverware, and plated ware	38.0	38.5	39.0	40.1	(*)	2.5	2.9	2.6	3.6	--
394	Toys and sporting goods	38.7	38.3	38.6	38.9	--	2.0	1.8	2.1	1.9	--
3941-3	Games, toys, dolls and play vehicles	39.0	38.1	38.5	38.9	--	--	--	--	--	--
3949	Sporting and athletic goods, nec	38.3	38.6	38.8	38.9	--	--	--	--	--	--
395	Pens, pencils, office and art supplies	40.1	40.6	40.8	41.2	--	2.9	2.8	3.3	3.1	--
396	Costume jewelry and notions	37.4	37.2	37.8	37.7	--	2.2	1.8	1.7	1.9	--
393,9	Other manufacturing industries	38.8	38.3	38.9	38.8	38.7	2.2	2.0	2.2	2.1	--
393	Musical instruments and parts	40.0	38.9	39.6	39.6	--	2.4	1.8	2.1	1.9	--
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	40.3	40.1	41.6	40.5	40.5	4.1	3.8	4.6	4.1	--
201	Meat products	40.3	40.3	40.7	40.0	(*)	4.3	4.3	4.2	3.8	--
2011	Meat packing plants	42.8	42.4	42.3	41.2	--	5.4	5.0	4.9	4.3	--
2013	Sausages and other prepared meats	40.0	40.7	41.4	40.5	--	--	--	--	--	--
2015	Poultry dressing plants	36.9	37.0	38.2	38.1	--	--	--	--	--	--

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>FOOD AND KINDRED PRODUCTS—Continued</b>										
202	Dairy products	\$177.14	\$178.40	\$196.61	\$193.34	\$192.98	\$4.31	\$4.33	\$4.67	\$4.67	\$4.65
2024	Ice cream and frozen desserts	165.85	166.63	185.47	180.98	—	4.22	4.24	4.66	4.75	—
2026	Fluid milk	186.85	188.55	206.83	204.37	—	4.47	4.50	4.81	4.82	—
203	Canned, cured, and frozen foods	139.26	135.32	177.21	165.23	—	3.58	3.58	4.15	4.10	—
2031,6	Canned, cured, and frozen sea foods	119.45	118.82	127.43	121.45	—	3.16	3.22	3.53	3.49	—
2032,3	Canned food, except sea foods	143.50	140.21	198.29	181.90	—	3.67	3.68	4.32	4.27	—
2037	Frozen fruits and vegetables	138.02	131.25	151.62	155.14	—	3.53	3.50	3.80	3.84	—
204	Grain mill products	203.82	202.36	219.39	218.84	(*)	4.57	4.62	4.93	4.94	(*)
2041	Flour and other grain mill products	227.48	223.05	242.61	247.38	—	4.84	4.87	5.14	5.23	—
2042	Prepared feeds for animals and fowls	175.08	171.57	189.59	184.43	—	3.97	3.99	4.27	4.23	—
205	Bakery products	175.12	175.78	189.51	189.64	191.88	4.40	4.45	4.81	4.85	4.87
2051	Bread, cake, and related products	175.28	175.95	190.12	188.18	—	4.46	4.50	4.85	4.85	—
2052	Cookies and crackers	176.38	175.85	186.80	193.68	—	4.24	4.31	4.67	4.83	—
206	Sugar	174.53	186.62	223.22	198.94	—	4.32	4.29	5.24	4.90	—
207	Confectionery and related products	148.50	147.80	166.46	163.59	(*)	3.75	3.78	4.09	4.10	(*)
2071	Confectionery products	140.37	139.37	157.55	152.48	—	3.59	3.62	3.89	3.88	—
208	Beverages	200.77	203.49	216.86	216.94	(*)	5.07	5.10	5.49	5.52	(*)
2082	Malt liquors	275.22	277.86	301.60	302.10	—	6.60	6.60	7.25	7.21	—
2086	Bottled and canned soft drinks	143.64	147.07	161.11	156.15	—	3.79	3.85	4.11	4.12	—
209	Miscellaneous foods and kindred products	175.55	178.07	191.48	190.23	193.31	4.23	4.26	4.57	4.54	4.57
21	<b>TOBACCO MANUFACTURES</b>	157.12	160.02	166.45	166.10	181.66	4.06	4.20	4.29	4.27	4.42
211	Cigarettes	201.63	201.76	214.12	210.35	—	5.21	5.20	5.62	5.55	—
212	Cigars	107.62	105.00	111.59	114.05	—	2.81	2.80	2.96	2.97	—
22	<b>TEXTILE MILL PRODUCTS</b>	125.18	124.31	143.03	145.08	144.73	3.26	3.28	3.48	3.53	3.53
221	Weaving mills, cotton	128.18	128.25	149.88	152.04	152.82	3.27	3.28	3.56	3.62	3.63
222	Weaving mills, synthetics	131.19	128.18	149.87	152.67	152.31	3.39	3.40	3.62	3.67	3.67
223	Weaving and finishing mills, wool	133.57	133.23	148.16	149.45	(*)	3.39	3.39	3.57	3.61	(*)
224	Narrow fabric mills	119.74	121.06	133.95	134.60	(*)	3.11	3.12	3.22	3.24	(*)
225	Knitting mills	119.45	118.18	130.14	131.66	130.32	3.16	3.16	3.32	3.35	3.35
2251	Women's hosiery, except socks	107.81	106.92	117.96	115.97	—	2.97	2.97	3.08	3.06	—
2252	Hosiery, nec	105.53	104.18	117.18	119.65	—	2.86	2.87	3.02	3.06	—
2253	Knit outerwear mills	121.39	121.50	127.43	129.92	—	3.22	3.24	3.38	3.41	—
2254	Knit underwear mills	105.49	108.46	113.48	117.73	—	2.89	2.90	3.01	3.05	—
226	Textile finishing, except wool	134.16	141.65	165.35	165.55	164.40	3.44	3.55	3.81	3.85	3.85
227	Flour covering mills	133.82	127.50	148.21	149.24	—	3.44	3.40	3.58	3.64	—
228	Yarn and thread mills	111.75	108.99	134.64	137.78	137.45	3.07	3.07	3.26	3.32	3.32
229	Miscellaneous textile goods	143.62	140.80	157.59	157.25	158.04	3.52	3.52	3.77	3.78	3.79
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	109.74	107.57	116.56	117.29	117.98	3.10	3.10	3.22	3.24	3.25
231	Men's and boys' suits and coats	136.73	133.28	134.21	137.76	142.16	3.83	3.83	3.89	4.04	4.05
232	Men's and boys' furnishings	100.19	98.61	105.53	107.51	108.92	2.76	2.77	2.86	2.89	2.92
2321	Men's and boys' shirts and nightwear	97.46	96.03	102.67	104.25	—	2.67	2.69	2.79	2.81	—
2327	Men's and boys' separate trousers	102.67	101.53	107.75	111.89	—	2.86	2.86	2.92	2.96	—
2328	Men's and boys' work clothing	96.20	95.32	101.47	103.13	—	2.65	2.67	2.78	2.81	—
233	Women's and misses' outerwear	106.24	105.29	112.87	113.88	(*)	3.20	3.21	3.31	3.32	(*)
2331	Women's and misses' blouses and waists	102.98	99.08	110.53	113.21	—	3.02	3.03	3.14	3.18	—
2335	Women's and misses' dresses	102.06	100.75	108.86	110.54	—	3.24	3.25	3.36	3.36	—
2337	Women's and misses' suits and coats	124.96	126.71	134.75	131.24	—	3.73	3.76	3.85	3.86	—
2339	Women's and misses' outerwear, nec	104.02	103.14	108.72	110.47	—	2.93	2.93	3.02	3.06	—
234	Women's and children's undergarments	99.25	97.72	110.63	110.41	109.30	2.78	2.80	2.95	2.96	2.97
2341	Women's and children's underwear	97.10	96.17	106.96	107.71	—	2.72	2.74	2.86	2.88	—
2342	Corsets and allied garments	106.03	102.51	124.31	120.16	—	2.97	2.98	3.28	3.23	—
235	Hats, caps, and millinery	99.91	98.53	103.08	105.84	—	2.76	2.76	2.92	2.94	—
236	Children's outerwear	99.90	99.47	107.88	108.47	108.41	2.83	2.85	2.98	2.98	2.97
2361	Children's dresses and blouses	97.81	97.63	104.05	107.94	—	2.86	2.88	2.99	2.99	—
237,8	Fur goods and miscellaneous apparel	112.89	108.77	120.09	122.18	—	3.11	3.09	3.29	3.32	—
239	Miscellaneous fabricated textile products	135.28	128.41	146.52	142.76	142.05	3.56	3.48	3.70	3.67	3.68
2391,2	Housefurnishings	104.43	103.94	118.50	118.80	—	2.83	2.84	3.00	3.00	—
26	<b>PAPER AND ALLIED PRODUCTS</b>	195.25	194.64	217.18	218.88	223.08	4.66	4.69	5.11	5.15	5.20
261,2,6	Paper and pulp mills	231.00	232.85	249.09	255.03	(*)	5.25	5.28	5.70	5.77	(*)
263	Paperboard mills	230.64	225.03	262.26	262.11	(*)	5.29	5.27	5.92	5.93	(*)
264	Miscellaneous converted paper products	172.20	172.14	189.88	190.65	(*)	4.20	4.24	4.62	4.65	(*)
2643	Bags, except textile bags	168.09	168.51	180.74	178.57	—	4.07	4.09	4.43	4.42	—
265	Paperboard containers and boxes	169.60	168.70	175.72	194.74	195.67	4.24	4.26	4.66	4.67	4.67
2651,2	Folding and setup paperboard boxes	160.00	161.20	179.86	180.34	—	3.98	4.03	4.43	4.42	—
2653	Corrugated and solid fiber boxes	177.95	173.82	210.51	207.97	—	4.46	4.48	4.93	4.94	—
2654	Sanitary food containers	164.00	168.10	185.30	185.31	—	4.10	4.10	4.36	4.35	—

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>FOOD AND KINDRED PRODUCTS—Continued</b>										
202	Dairy products .....	41.1	41.2	42.1	41.4	41.5	3.8	3.7	4.2	3.8	--
2024	Ice cream and frozen desserts .....	39.3	39.3	39.8	38.1	--	--	--	--	--	--
2026	Fluid milk .....	41.8	41.9	43.0	42.4	--	--	--	--	--	--
203	Canned, cured, and frozen foods .....	38.9	37.8	42.7	40.3	--	3.6	2.8	5.0	3.9	--
2031,6	Canned, cured, and frozen sea foods .....	37.8	36.9	36.1	34.8	--	--	--	--	--	--
2032,3	Canned food, except sea foods .....	39.1	38.1	45.9	42.6	--	--	--	--	--	--
2037	Frozen fruits and vegetables .....	39.1	37.5	39.9	40.4	--	--	--	--	--	--
204	Grain mill products .....	44.6	43.8	44.5	44.3	(*)	7.2	6.2	7.2	7.0	--
2041	Flour and other grain mill products .....	47.0	45.8	47.2	47.3	--	--	--	--	--	--
2042	Prepared feeds for animals and fowls .....	44.1	43.0	44.4	43.6	--	--	--	--	--	--
205	Bakery products .....	39.8	39.5	39.4	39.1	39.4	3.7	3.3	3.6	3.5	--
2051	Bread, cake, and related products .....	39.3	39.1	39.2	38.8	--	--	--	--	--	--
2052	Cookies and crackers .....	41.6	40.8	40.0	40.1	--	--	--	--	--	--
206	Sugar .....	40.4	43.5	42.6	40.6	--	5.4	5.7	5.1	4.6	--
207	Confectionery and related products .....	39.6	39.1	40.7	39.9	(*)	2.7	2.2	3.4	3.0	--
2071	Confectionery products .....	39.1	38.5	40.5	39.3	--	--	--	--	--	--
208	Beverages .....	39.6	39.9	39.5	39.3	(*)	3.2	3.0	3.6	3.1	--
2082	Malt liquors .....	41.7	42.1	41.6	41.9	--	--	--	--	--	--
2086	Bottled and canned soft drinks .....	37.9	38.2	39.2	37.9	--	--	--	--	--	--
209	Miscellaneous foods and kindred products .....	41.5	41.8	41.9	41.9	42.3	4.8	4.8	4.9	4.8	--
21	<b>TOBACCO MANUFACTURES</b> .....	38.7	38.1	38.8	38.9	41.1	2.0	1.4	2.1	2.0	--
211	Cigarettes .....	38.7	38.8	38.1	37.9	--	1.6	1.1	2.2	2.0	--
212	Cigars .....	38.3	37.5	37.7	38.4	--	2.4	1.9	.9	1.3	--
22	<b>TEXTILE MILL PRODUCTS</b> .....	38.4	37.9	41.1	41.1	41.0	2.6	2.3	4.1	4.0	--
221	Weaving mills, cotton .....	39.2	39.1	42.1	42.0	42.1	3.0	3.1	4.8	4.7	--
222	Weaving mills, synthetics .....	38.7	37.7	41.4	41.6	41.5	2.8	2.3	3.9	4.2	--
223	Weaving and finishing mills, wool .....	39.4	39.3	41.5	41.4	(*)	2.2	2.1	4.0	3.7	--
224	Narrow fabric mills .....	38.5	38.8	41.6	40.3	(*)	2.3	2.0	3.3	3.6	--
225	Knitting mills .....	37.8	37.4	39.2	39.3	38.9	2.5	1.9	3.2	3.1	--
2251	Women's hosiery, except socks .....	36.3	36.0	38.3	37.9	--	--	--	--	--	--
2252	Hosiery, nec .....	36.9	36.3	38.8	39.1	--	--	--	--	--	--
2253	Knit outerwear mills .....	37.7	37.5	37.7	38.1	--	--	--	--	--	--
2254	Knit underwear mills .....	36.5	37.4	37.7	38.6	--	--	--	--	--	--
226	Textile finishing, except wool .....	39.0	39.9	43.4	43.0	42.7	2.8	3.5	5.9	5.4	--
227	Floor covering mills .....	38.9	37.5	41.4	41.0	--	2.3	1.3	4.0	3.4	--
228	Yarn and thread mills .....	36.4	35.5	41.3	41.5	41.4	1.9	1.5	4.1	4.1	--
229	Miscellaneous textile goods .....	40.8	40.0	41.8	41.6	41.7	3.2	2.6	3.9	3.9	--
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	35.4	34.7	36.2	36.2	36.3	1.2	1.0	1.5	1.5	--
231	Men's and boys' suits and coats .....	35.7	34.8	34.5	34.1	35.1	1.2	.8	1.0	1.0	--
232	Men's and boys' furnishings .....	36.3	35.6	36.9	37.2	37.3	1.1	.9	1.3	1.4	--
2321	Men's and boys' shirts and nightwear .....	36.5	35.7	36.8	37.1	--	1.3	.9	1.3	1.4	--
2327	Men's and boys' separate trousers .....	35.9	35.5	36.9	37.8	--	1.0	.9	1.4	1.5	--
2328	Men's and boys' work clothing .....	36.3	35.7	36.5	36.7	--	1.0	.9	1.1	1.1	--
233	Women's and misses' outerwear .....	33.2	32.8	34.1	34.3	(*)	1.0	.9	1.2	1.2	--
2331	Women's and misses' blouses and waists .....	34.1	32.7	35.2	35.6	--	--	--	--	--	--
2335	Women's and misses' dresses .....	31.5	31.0	32.4	32.9	--	.9	.8	.9	1.1	--
2337	Women's and misses' suits and coats .....	33.5	33.7	35.0	34.0	--	1.1	1.2	1.5	1.0	--
2339	Women's and misses' outerwear, nec .....	35.5	35.2	36.0	36.1	--	1.1	.9	1.4	1.3	--
234	Women's and children's undergarments .....	35.7	34.9	37.5	37.3	36.8	1.0	.9	1.8	1.7	--
2341	Women's and children's underwear .....	35.7	35.1	37.4	37.4	--	--	--	--	--	--
2342	Corsets and allied garments .....	35.7	34.4	37.9	37.2	--	--	--	--	--	--
235	Hats, caps, and millinery .....	36.2	35.7	35.3	36.0	--	1.0	.9	.9	1.1	--
236	Children's outerwear .....	35.3	34.9	36.2	36.4	36.5	1.0	.8	1.6	1.6	--
2361	Children's dresses and blouses .....	34.2	33.9	34.8	36.1	--	--	--	--	--	--
237,8	Fur goods and miscellaneous apparel .....	36.3	35.2	36.5	36.8	--	1.2	1.1	1.3	1.6	--
239	Miscellaneous fabricated textile products .....	38.0	36.9	39.6	38.9	38.6	2.3	1.4	2.8	2.4	--
2391,2	Housefurnishings .....	36.9	36.6	39.5	39.6	--	--	--	--	--	--
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	41.9	41.5	42.5	42.5	42.9	4.4	4.0	4.7	4.7	--
261,2,6	Paper and pulp mills .....	44.0	44.1	43.7	44.2	(*)	6.1	6.1	5.8	6.1	--
263	Paperboard mills .....	43.6	42.7	44.3	44.2	(*)	6.6	5.7	6.6	6.8	--
264	Miscellaneous converted paper products .....	41.0	40.6	41.1	41.0	(*)	3.6	3.0	3.3	3.2	--
2643	Bags, except textile bags .....	41.3	41.2	40.8	40.4	--	--	--	--	--	--
265	Paperboard containers and boxes .....	40.0	39.6	42.0	41.7	41.9	2.9	2.4	4.3	4.1	--
2651,2	Folding and setup paperboard boxes .....	40.2	40.0	40.6	40.8	--	--	--	--	--	--
2653	Corrugated and solid fiber boxes .....	39.9	38.8	42.7	42.1	--	3.0	2.4	5.0	4.6	--
2654	Sanitary food containers .....	40.0	41.0	42.5	42.6	--	--	--	--	--	--

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
27	<b>PRINTING AND PUBLISHING</b>	\$191.89	192.00	\$204.78	\$204.05	\$206.45	\$5.09	\$5.12	\$5.49	\$5.50	\$5.52
271	Newspapers	195.92	195.92	204.17	206.49	207.09	5.63	5.63	5.97	6.02	6.02
272	Periodicals	201.22	200.55	210.60	208.95	—	5.24	5.25	5.47	5.47	—
273	Books	171.71	168.07	178.98	175.11	—	4.46	4.47	4.76	4.72	—
275	Commercial printing	196.98	196.48	214.45	212.39	(*)	5.09	5.13	5.57	5.56	(*)
2751	Commercial printing, except lithographic	189.63	190.96	208.95	206.72	—	4.90	4.96	5.47	5.44	—
2752	Commercial printing, lithographic	209.21	206.34	223.88	221.95	—	5.42	5.43	5.77	5.78	—
278	Blankbooks and bookbinding	148.21	147.46	161.44	160.48	(*)	3.84	3.85	4.15	4.19	(*)
274,6,7,9	Other publishing and printing ind.	198.39	202.79	206.88	206.72	(*)	5.10	5.16	5.43	5.44	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	206.91	208.47	226.32	227.15	232.83	5.01	5.06	5.48	5.50	5.57
281	Industrial chemicals	236.30	237.02	253.12	253.76	(*)	5.56	5.59	6.07	6.10	(*)
2812	Alkalies and chlorine	249.98	250.07	259.89	261.33	—	5.47	5.46	5.92	5.98	—
2818	Industrial organic chemicals, nec.	249.48	248.14	272.77	272.72	—	5.87	5.88	6.51	6.54	—
2819	Industrial inorganic chemicals, nec.	223.85	224.80	242.08	240.90	—	5.42	5.43	5.89	5.89	—
282	Plastics materials and synthetics	197.96	197.87	221.49	224.35	(*)	4.84	4.91	5.35	5.38	(*)
2821	Plastics materials and resins	218.60	216.01	238.22	243.47	—	5.18	5.18	5.54	5.61	—
2823,4	Synthetic fibers	180.00	179.99	205.23	206.35	—	4.50	4.58	5.08	5.07	—
283	Drugs	198.72	201.76	212.45	213.56	(*)	4.80	4.85	5.22	5.26	(*)
2834	Pharmaceutical preparations	193.17	196.30	207.87	208.98	—	4.70	4.73	5.12	5.16	—
284	Soap, cleaners, and toilet goods	196.49	200.20	217.12	214.73	(*)	4.90	4.98	5.27	5.25	(*)
2841	Soap and other detergents	257.07	264.78	284.43	278.80	—	6.15	6.23	6.63	6.56	—
2844	Toilet preparations	154.41	156.72	172.83	171.14	—	3.99	4.06	4.31	4.30	—
285	Paints and allied products	183.08	182.42	202.40	202.31	(*)	4.60	4.63	5.01	5.02	(*)
287	Agricultural chemicals	184.41	187.83	209.53	211.43	(*)	4.37	4.43	4.93	4.94	(*)
2871,2	Fertilizers, complete and mixing only	174.26	178.48	195.43	198.13	—	4.11	4.17	4.62	4.64	—
286,9	Other chemical products	194.75	195.98	211.34	211.53	212.05	4.75	4.78	5.18	5.21	5.21
2892	Explosives	194.32	194.97	205.93	204.69	—	4.81	4.85	5.11	5.13	—
29	<b>PETROLEUM AND COAL PRODUCTS</b>	248.54	245.65	278.94	278.28	278.22	5.78	5.78	6.61	6.61	6.64
291	Petroleum refining	259.72	258.88	294.88	293.76	296.61	6.14	6.12	7.14	7.13	7.13
295,9	Other petroleum and coal products	215.52	205.97	233.93	234.38	224.27	4.80	4.79	5.21	5.22	5.24
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	169.32	166.40	178.61	177.24	177.64	4.15	4.16	4.41	4.42	4.43
301	Tires and inner tubes	250.61	235.20	251.08	240.26	237.69	5.67	5.60	5.88	5.86	5.84
302,3,6	Other rubber products	162.80	160.77	171.78	174.20	176.36	4.07	4.07	4.36	4.41	4.42
302	Rubber footwear	123.65	126.67	126.54	127.97	—	3.22	3.29	3.42	3.44	—
307	Miscellaneous plastics products	145.60	145.73	158.38	157.99	(*)	3.64	3.68	3.93	3.94	(*)
31	<b>LEATHER AND LEATHER PRODUCTS</b>	112.36	114.14	124.53	125.84	126.55	3.07	3.11	3.26	3.26	3.27
311	Leather tanning and finishing	159.19	162.81	179.20	180.46	(*)	4.02	4.06	4.36	4.38	(*)
314	Footwear, except rubber	105.61	108.60	117.56	118.80	120.19	2.95	3.00	3.11	3.11	3.13
312,3,5,7,9	Other leather products	113.02	112.48	122.62	124.61	124.68	3.03	3.04	3.21	3.22	3.23
316	Luggage	115.24	113.53	120.34	119.68	—	3.21	3.18	3.27	3.20	—
317	Handbags and personal leather goods	113.45	112.13	123.69	127.48	—	2.97	2.99	3.10	3.14	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	226.49	223.68	243.79	242.17	242.35	5.62	5.62	6.11	6.10	6.12
4011	<b>RAILROAD TRANSPORTATION:</b> Class I railroads <sup>2 **</sup>	262.93	245.10	267.96	(*)	—	5.83	5.70	6.16	(*)	—
411	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b> Local and suburban transportation	182.82	188.90	198.80	207.36	—	4.47	4.63	4.97	5.07	—
413	Intercity highway transportation	218.08	206.48	235.87	233.09	—	5.80	5.80	6.24	6.07	—
42	<b>TRUCKING AND WAREHOUSING</b>	238.79	234.37	253.15	250.88	—	5.81	5.83	6.22	6.21	—
421,3	Trucking and trucking terminals	245.37	241.20	259.90	257.75	—	5.97	6.00	6.37	6.38	—
422	Public warehousing	163.59	166.46	171.00	170.34	—	3.99	4.06	4.34	4.28	—
46	<b>PIPE LINE TRANSPORTATION</b>	251.93	253.58	286.21	290.65	—	6.19	6.20	6.93	6.97	—
48	<b>COMMUNICATION</b>	211.18	211.33	236.16	233.79	—	5.36	5.35	6.04	6.01	—
481	Telephone communication	212.37	211.97	239.85	236.46	—	5.39	5.38	6.15	6.11	—
4817	Switchboard operating employees <sup>3</sup>	145.43	151.47	174.57	179.55	—	4.24	4.34	5.18	5.25	—
4818	Line construction employees <sup>4</sup>	274.38	275.25	314.48	304.74	—	6.25	6.27	7.18	7.12	—
482	Telegraph communication <sup>5</sup>	227.51	223.76	253.17	(*)	—	5.59	5.58	6.13	(*)	—
483	Radio and television broadcasting	208.40	211.86	219.91	218.18	—	5.33	5.35	5.61	5.58	—

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
27	<b>PRINTING AND PUBLISHING</b>	37.7	37.5	37.3	37.1	37.4	2.7	2.5	2.6	2.4	—
271	Newspapers	34.8	34.8	34.2	34.3	34.4	2.2	2.1	1.7	1.9	—
272	Periodicals	38.4	38.2	38.5	38.2	—	2.8	2.3	2.8	2.5	—
273	Books	38.5	37.6	37.6	37.1	—	2.6	2.2	2.8	2.0	—
275	Commercial printing	38.7	38.3	38.5	38.2	(*)	3.2	2.8	3.3	2.9	—
2751	Commercial printing, except lithographic	38.7	38.5	38.2	38.0	—	3.2	2.9	3.3	2.9	—
2752	Commercial printing, lithographic	38.6	38.0	38.8	38.4	—	3.2	2.7	3.4	3.0	—
278	Blankbooks and bookbinding	38.6	38.3	38.9	38.3	(*)	2.1	1.7	2.3	1.9	—
274,6,7,9	Other publishing and printing ind.	38.9	39.3	38.1	38.0	(*)	2.8	3.0	2.3	2.1	—
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	41.3	41.2	41.3	41.3	41.8	3.3	2.9	3.1	3.1	—
281	Industrial chemicals	42.5	42.4	41.7	41.6	(*)	4.0	3.7	3.3	3.4	—
2812	Alkalies and chlorine	45.7	45.8	43.9	43.7	—	—	—	—	—	—
2818	Industrial organic chemicals, nec	42.5	42.2	41.9	41.7	—	4.0	3.7	3.2	3.3	—
2819	Industrial inorganic chemicals, nec.	41.3	41.4	41.1	40.9	—	3.4	3.1	3.0	3.1	—
282	Plastics materials and synthetics	40.9	40.3	41.4	41.7	(*)	2.9	2.0	2.9	3.1	—
2821	Plastics materials and resins	42.2	41.7	43.0	43.4	—	4.4	3.4	4.7	5.1	—
2823,4	Synthetic fibers	40.0	39.3	40.4	40.7	—	1.9	1.0	1.7	1.8	—
283	Drugs	41.4	41.6	40.7	40.6	(*)	3.0	3.1	2.5	2.3	—
2834	Pharmaceutical preparations	41.1	41.5	40.6	40.5	—	—	—	—	—	—
284	Soap, cleaners, and toilet goods	40.1	40.2	41.2	40.9	(*)	2.8	2.5	3.6	3.1	—
2841	Soap and other detergents	41.8	42.5	42.9	42.5	—	—	—	—	—	—
2844	Toilet preparations	38.7	38.6	40.1	39.8	—	—	—	—	—	—
285	Paints and allied products	39.8	39.4	40.4	40.3	(*)	2.1	1.6	2.8	2.2	—
287	Agricultural chemicals	42.2	42.4	42.5	42.8	(**)	4.5	4.9	4.5	4.6	—
2871,2	Fertilizers, complete and mixing only	42.4	42.8	42.3	42.7	—	—	—	—	—	—
286,9	Other chemical products	41.0	41.0	40.8	40.6	40.7	3.2	2.8	2.9	2.8	—
2892	Explosives	40.4	40.2	40.3	39.9	—	—	—	—	—	—
29	<b>PETROLEUM AND COAL PRODUCTS</b>	43.0	42.5	42.2	42.1	41.9	4.3	3.9	4.1	3.9	—
291	Petroleum refining	42.3	42.3	41.3	41.2	41.6	3.5	3.5	3.1	3.0	—
295,9	Other petroleum and coal products	44.9	43.0	44.9	44.9	42.8	6.8	5.1	6.8	6.4	—
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	40.8	40.0	40.5	40.1	40.1	3.7	3.0	3.4	3.1	—
301	Tires and inner tubes	44.2	42.0	42.7	41.0	40.7	5.8	4.9	5.2	4.1	—
302,3,6	Other rubber products	40.0	39.5	39.4	39.5	39.9	3.0	2.3	2.5	2.3	—
302	Rubber footwear	38.4	38.5	37.0	37.2	—	2.4	2.5	1.5	.5	—
307	Miscellaneous plastics products	40.0	39.6	40.3	40.1	(*)	3.3	2.7	3.3	3.1	—
31	<b>LEATHER AND LEATHER PRODUCTS</b>	36.6	36.7	38.2	38.6	38.7	1.7	1.6	2.5	2.4	—
311	Leather tanning and finishing	39.6	40.1	41.1	41.2	(*)	3.4	3.6	4.6	4.2	—
314	Footwear, except rubber	35.8	36.2	37.8	38.2	38.4	1.3	1.3	2.3	2.1	—
312,3,5-7,9	Other leather products	37.3	37.0	38.2	38.7	38.6	2.0	1.8	2.4	2.6	—
316	Luggage	35.9	35.7	36.8	37.4	—	1.4	1.3	1.9	1.6	—
317	Handbags and personal leather goods	38.2	37.5	39.9	40.6	—	2.4	2.1	3.3	3.5	—
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	40.3	39.8	39.9	39.7	39.6	—	—	—	—	—
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup> **	45.1	43.0	43.5	(*)	—	—	—	—	—	—
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation	40.9	40.8	40.0	40.9	—	—	—	—	—	—
413	Intercity highway transportation	37.6	35.6	37.8	38.4	—	—	—	—	—	—
42	<b>TRUCKING AND WAREHOUSING</b>	41.1	40.2	40.7	40.4	—	—	—	—	—	—
421,3	Trucking and trucking terminals	41.1	40.2	40.8	40.4	—	—	—	—	—	—
422	Public warehousing	41.0	41.0	39.4	39.8	—	—	—	—	—	—
46	<b>PIPE LINE TRANSPORTATION</b>	40.7	40.9	41.3	41.7	—	—	—	—	—	—
48	<b>COMMUNICATION</b>	39.4	39.5	39.1	38.9	—	—	—	—	—	—
481	Telephone communication	39.4	39.4	39.0	38.7	—	—	—	—	—	—
4817	Switchboard operating employees <sup>3</sup>	34.3	34.9	33.7	34.2	—	—	—	—	—	—
4818	Line construction employees <sup>4</sup>	43.9	43.9	43.8	42.8	—	—	—	—	—	—
482	Telegraph communication <sup>5</sup>	40.7	40.1	41.3	(*)	—	—	—	—	—	—
483	Radio and television broadcasting	39.1	39.6	39.2	39.1	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>
-	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	\$231.80	\$233.04	\$252.14	\$253.79	-	\$5.64	\$5.67	\$6.12	\$6.16	-
491	Electric companies and systems	234.27	237.64	255.65	258.13	-	5.70	5.74	6.19	6.25	-
492	Gas companies and systems	214.65	212.27	229.96	233.45	-	5.21	5.19	5.65	5.68	-
493	Combination companies and systems	254.82	253.53	280.96	281.52	-	6.20	6.26	6.77	6.80	-
494-7	Water, steam, and sanitary systems	190.39	191.68	205.09	205.82	-	4.61	4.63	4.99	5.02	-
-	<b>WHOLESALE AND RETAIL TRADE</b>	120.31	120.29	128.06	128.73	\$128.31	3.57	3.58	3.80	3.82	\$3.83
50	<b>WHOLESALE TRADE</b>	179.18	180.65	190.68	192.45	193.77	4.63	4.68	4.94	4.96	5.02
501	Motor vehicles and automotive equipment	168.91	168.91	173.60	176.51	-	4.32	4.32	4.44	4.48	-
502	Drugs, chemicals, and allied products	177.19	180.21	194.81	196.22	-	4.70	4.78	5.14	5.15	-
503	Dry goods and apparel	154.58	153.99	159.92	161.55	-	4.33	4.35	4.43	4.50	-
504	Groceries and related products	169.12	171.05	186.72	185.96	-	4.37	4.42	4.80	4.83	-
506	Electrical goods	183.06	189.20	212.79	216.54	-	4.67	4.73	5.36	5.36	-
507	Hardware, plumbing and heating equipment	167.32	166.50	179.92	182.11	-	4.38	4.37	4.71	4.73	-
508	Machinery, equipment, and supplies	199.10	200.49	210.81	213.07	-	4.99	5.05	5.31	5.34	-
509	Miscellaneous wholesalers	180.59	181.54	186.12	187.98	-	4.74	4.79	4.95	4.96	-
52-59	<b>RETAIL TRADE</b>	102.40	102.08	109.50	109.46	109.12	3.18	3.18	3.39	3.41	3.41
53	Retail general merchandise	94.56	93.02	102.38	101.08	-	3.07	3.04	3.25	3.25	-
531	Department stores	96.67	94.80	104.75	103.43	-	3.18	3.16	3.39	3.38	-
532	Mail order houses	126.45	120.94	139.19	135.26	-	3.73	3.61	4.07	3.99	-
533	Variety stores	70.91	71.76	81.05	80.03	-	2.42	2.40	2.64	2.65	-
54	Food stores	119.63	119.63	130.00	130.09	-	3.75	3.75	4.00	4.04	-
541-3	Grocery, meat, and vegetable stores	123.33	123.33	134.15	133.81	-	3.83	3.83	4.09	4.13	-
56	Apparel and accessory stores	86.01	85.14	93.94	92.41	-	2.82	2.81	3.08	3.07	-
561	Men's and boys' clothing and furnishings	103.36	103.68	113.77	114.31	-	3.19	3.22	3.49	3.55	-
562	Women's ready-to-wear stores	77.35	76.59	82.88	81.76	-	2.64	2.65	2.80	2.80	-
565	Family clothing stores	83.53	84.24	90.00	90.90	-	2.57	2.60	3.00	3.02	-
566	Shoe stores	87.29	83.23	102.23	93.70	-	3.01	2.89	3.33	3.22	-
57	Furniture and home furnishings stores	136.14	139.49	147.06	145.89	-	3.74	3.77	4.04	4.03	-
571	Furniture and home furnishings	138.37	142.50	149.00	148.23	-	3.76	3.79	4.06	4.05	-
58	Eating and drinking places <sup>6</sup>	68.40	68.40	71.35	71.88	-	2.40	2.40	2.53	2.54	-
52,55,59	Other retail trade	129.55	128.48	139.83	140.18	-	3.53	3.52	3.81	3.83	-
52	Building materials and farm equipment	145.04	142.78	152.46	152.09	-	3.70	3.68	3.85	3.87	-
551,2	Motor vehicle dealers	169.49	167.88	194.64	197.50	-	4.28	4.25	4.94	5.00	-
553,9	Other automotive and accessory dealers	144.63	144.94	151.62	151.20	-	3.58	3.57	3.80	3.78	-
591	Drug stores and proprietary stores	92.41	93.33	101.73	100.43	-	3.02	3.06	3.25	3.25	-
594	Book and stationery stores	107.58	109.23	112.08	112.40	-	3.29	3.30	3.47	3.48	-
598	Fuel and ice dealers	165.60	169.68	172.30	175.56	-	4.14	4.20	4.34	4.40	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	142.74	143.86	150.59	151.79	155.61	3.90	3.92	4.16	4.17	4.24
60	Banking	123.42	125.20	127.80	128.87	-	3.40	3.43	3.55	3.55	-
61	Credit agencies other than banks	129.13	132.04	138.01	138.38	-	3.49	3.54	3.73	3.71	-
612	Savings and loan associations	127.37	128.47	134.69	135.04	-	3.48	3.51	3.68	3.63	-
62	Security, commodity brokers and services	220.00	219.83	261.70	(*)	-	5.93	5.99	6.96	(*)	-
63	Insurance carriers	153.18	153.55	160.08	162.13	-	4.14	4.15	4.35	4.37	-
631	Life insurance	153.35	154.14	159.65	160.45	-	4.19	4.20	4.35	4.36	-
632	Accident and health insurance	148.50	150.44	149.92	151.81	-	3.96	3.98	4.03	4.07	-
633	Fire, marine, and casualty insurance	155.17	154.75	163.02	165.61	-	4.16	4.16	4.43	4.44	-

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
—	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>										
	Electric companies and systems	41.1	41.1	41.2	41.2	—	—	—	—	—	—
491	Electric companies and systems	41.1	41.4	41.3	41.3	—	—	—	—	—	—
492	Gas companies and systems	41.2	40.9	40.7	41.1	—	—	—	—	—	—
493	Combination companies and systems	41.1	40.5	41.5	41.4	—	—	—	—	—	—
494.7	Water, steam, and sanitary systems	41.3	41.4	41.1	41.0	—	—	—	—	—	—
—	<b>WHOLESALE AND RETAIL TRADE</b>	33.7	33.6	33.7	33.7	33.5	—	—	—	—	—
50	<b>WHOLESALE TRADE</b>	38.7	38.6	38.6	38.8	38.6	—	—	—	—	—
501	Motor vehicles and automotive equipment	39.1	39.1	39.1	39.4	—	—	—	—	—	—
502	Drugs, chemicals, and allied products	37.7	37.7	37.9	38.1	—	—	—	—	—	—
503	Dry goods and apparel	35.7	35.4	36.1	35.9	—	—	—	—	—	—
504	Groceries and related products	38.7	38.7	38.9	38.5	—	—	—	—	—	—
506	Electrical goods	39.2	40.0	39.7	40.4	—	—	—	—	—	—
507	Hardware; plumbing and heating equipment	38.2	38.1	38.2	38.5	—	—	—	—	—	—
508	Machinery, equipment, and supplies	39.9	39.7	39.7	39.9	—	—	—	—	—	—
509	Miscellaneous wholesalers	38.1	37.9	37.6	37.9	—	—	—	—	—	—
52-59	<b>RETAIL TRADE</b>	32.2	32.1	32.3	32.1	32.0	—	—	—	—	—
53	Retail general merchandise	30.8	30.6	31.5	31.1	—	—	—	—	—	—
531	Department stores	30.4	30.0	30.9	30.6	—	—	—	—	—	—
532	Mail order houses	33.9	33.5	34.2	33.9	—	—	—	—	—	—
533	Variety stores	29.3	29.9	30.7	30.2	—	—	—	—	—	—
54	Food stores	31.9	31.9	32.5	32.2	—	—	—	—	—	—
541.3	Grocery, meat, and vegetable stores	32.2	32.2	32.8	32.4	—	—	—	—	—	—
56	Apparel and accessory stores	30.5	30.3	30.5	30.1	—	—	—	—	—	—
561	Men's and boys' clothing and furnishings	32.4	32.2	32.6	32.2	—	—	—	—	—	—
562	Women's ready-to-wear stores	29.3	28.9	29.6	29.2	—	—	—	—	—	—
565	Family clothing stores	32.5	32.4	30.0	30.1	—	—	—	—	—	—
566	Shoe stores	29.0	28.8	30.1	29.1	—	—	—	—	—	—
57	Furniture and home furnishings stores	36.4	37.0	36.4	36.2	—	—	—	—	—	—
571	Furniture and home furnishings	36.8	37.6	36.7	36.6	—	—	—	—	—	—
58	Eating and drinking places <sup>6</sup>	28.5	28.5	28.2	28.3	—	—	—	—	—	—
52,55,59	Other retail trade	36.7	36.5	36.7	36.6	—	—	—	—	—	—
52	Building materials and farm equipment	39.2	38.8	39.6	39.3	—	—	—	—	—	—
551.2	Motor vehicle dealers	39.6	39.5	39.4	39.5	—	—	—	—	—	—
553.9	Other automotive and accessory dealers	40.4	40.6	39.9	40.0	—	—	—	—	—	—
591	Drug stores and proprietary stores	30.6	30.5	31.3	30.9	—	—	—	—	—	—
594	Book and stationery stores	32.7	33.1	32.3	32.3	—	—	—	—	—	—
598	Fuel and ice dealers	40.0	40.4	39.7	39.9	—	—	—	—	—	—
—	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	36.6	36.7	36.2	36.4	36.7	—	—	—	—	—
60	Banking	36.3	36.5	36.0	36.3	—	—	—	—	—	—
61	Credit agencies other than banks	37.0	37.3	37.0	37.3	—	—	—	—	—	—
612	Savings and loan associations	36.6	36.6	36.6	37.2	—	—	—	—	—	—
62	Security, commodity brokers and services	37.1	36.7	37.6	(*)	—	—	—	—	—	—
63	Insurance carriers	37.0	37.0	36.8	37.1	—	—	—	—	—	—
631	Life insurance	36.6	36.7	36.7	36.8	—	—	—	—	—	—
632	Accident and health insurance	37.5	37.8	37.2	37.3	—	—	—	—	—	—
633	Fire, marine, and casualty insurance	37.3	37.2	36.8	37.3	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
-	<b>SERVICES</b> .....	\$130.08	\$130.70	\$139.18	\$140.19	\$142.21	\$3.86	\$3.89	\$4.13	\$4.16	\$4.22
	Hotels and other lodging places:										
	Hotels, tourist courts, and motels <sup>6</sup> .....	86.83	86.18	88.86	91.58	-	2.68	2.71	2.83	2.88	-
701	Personal services:										
	Laundries and dry cleaning plants .....	101.66	100.92	106.75	107.76	-	2.88	2.90	3.05	3.07	-
721	Photographic studios .....	104.78	109.19	103.03	110.10	-	2.96	3.05	3.17	3.21	-
722	Motion pictures:										
	Motion picture filming and distributing .....	255.45	249.22	263.70	264.77	-	6.50	6.49	6.71	6.72	-
781	Hospitals .....	121.74	122.76	134.50	135.09	-	3.57	3.60	3.91	3.95	-
806											

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

<sup>2</sup> Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1971, such employees made up 29 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craft persons; installation and exchange repair craft persons; line, cable, and conduit craft

persons; and laborers. In 1971, such employees made up 34 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>5</sup> Data relate to nonsupervisory employees except messengers.

<sup>6</sup> Money payments only; tips, not included.

<sup>7</sup> Data for nonoffice sales agents excluded from all series in this division.

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

<sup>P</sup> Preliminary.

<sup>\*\*</sup> Class I railroads (SIC 4011)-corrected data for July 1975 are: \$262.96, \$5.99, and 43.9.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
—	<b>SERVICES</b> .....	33.7	33.6	33.7	33.7	33.7	—	—	—	—	—
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> .....	32.4	31.8	31.4	31.8	—	—	—	—	—	
	Personal services:										
721	Laundries and dry cleaning plants .....	35.3	34.8	35.0	35.1	—	—	—	—	—	
722	Photographic studios .....	35.4	35.8	32.5	34.3	—	—	—	—	—	
	Motion pictures:										
781	Motion picture filming and distributing .....	39.3	38.4	39.3	39.4	—	—	—	—	—	
806	Hospitals .....	34.1	34.1	34.4	34.2	—	—	—	—	—	

<sup>†</sup> As noted on page 7 of the January 1972 issue of this magazine, the series does not include earned pay withheld as a consequence of delays caused by the wage freeze in effect between August 15 and November 14, 1971, and by administrative procedures of the Pay Board. These delays resulted from compliance with the Government's Economic Stabilization Program. Because these withheld payments were substantial and fell due under a significant number of new labor-management contracts in that industry, they affected a large proportion

of SIC 372.

The series shown below include these payments as well as an additional 17 cents delayed payment for employees in a number of companies which had been pending as a consequence of litigation.

These payments were due under labor-management contracts the last of which expired in November 1973.

Average hourly earnings September 1971—November 1973 (revised to March 1974 benchmarks)

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>SIC 372</b>													
1971 .....	\$4.36	—	—	—	—	—	—	—	—	\$4.42	\$4.46	\$4.51	\$4.62
1972 .....	4.74	\$4.60	\$4.60	\$4.64	\$4.70	\$4.71	\$4.72	\$4.71	\$4.79	4.80	4.83	4.87	4.93
1973 .....	5.02	4.90	4.91	4.92	4.92	4.94	4.96	4.98	5.05	5.06	5.12	5.15	—
<b>SIC 3721</b>													
1971 .....	4.42	—	—	—	—	—	—	—	—	4.51	4.56	4.63	4.73
1972 .....	4.85	4.72	4.68	4.74	4.83	4.82	4.83	4.79	4.89	4.90	4.94	4.99	5.04
1973 .....	5.13	5.00	5.04	5.05	5.03	5.08	—	—	—	—	—	—	—
<b>SIC 3722</b>													
1971 .....	4.38	—	—	—	—	—	—	—	—	4.38	4.43	4.48	4.64
1972 .....	4.76	4.61	4.64	4.65	4.66	4.70	4.71	4.77	4.82	4.83	4.85	4.87	5.01
1973 .....	5.06	4.95	4.95	4.96	—	—	—	—	—	—	—	—	—
<b>SIC 3723, 9</b>													
1971 .....	4.17	—	—	—	—	—	—	—	—	4.24	4.24	4.24	4.33
1972 .....	4.44	4.28	4.33	4.38	4.40	4.45	4.46	4.45	4.47	4.50	4.50	4.54	4.56
1973 .....	4.68	4.56	4.53	4.58	4.60	4.59	4.64	4.68	4.71	4.74	4.78	4.84	—

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-3. Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government**

[Employment in thousands—includes both supervisory and nonsupervisory employees]

Item	1974												1975
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>Executive Branch</b>													
Total employment	2,616.5	2,638.7	2,647.1	2,664.1	2,677.3	2,710.4	2,737.8	2,713.7	2,680.8	2,673.1	2,676.5	2,711.0	2,663.9
Average weekly hours	(*)	39.3	39.6	39.5	39.2	39.3	(*)	(*)	39.5	39.6	(*)	40.8	(*)
Average overtime hours	(*)	1.0	1.2	1.0	1.0	1.1	(*)	(*)	1.1	1.2	(*)	2.4	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	167.7	168.4	170.2	169.1	171.7	(*)	(*)	172.3	173.6	(*)	190.3	(*)
Average hourly earnings	(*)	168.1	167.6	169.7	170.0	172.2	(*)	(*)	171.9	172.7	(*)	183.8	(*)
<b>Department of Defense</b>													
Total employment	946.2	950.2	953.3	958.2	966.4	988.4	990.3	977.8	962.9	959.7	960.0	957.8	953.1
Average weekly hours	(*)	39.8	40.0	40.0	39.9	39.9	(*)	(*)	39.9	40.1	(*)	40.1	(*)
Average overtime hours	(*)	.7	.9	.7	.8	.9	(*)	(*)	.8	.8	(*)	.8	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	164.7	164.2	170.4	166.5	172.9	(*)	(*)	164.8	167.0	(*)	175.7	(*)
Average hourly earnings	(*)	166.8	165.4	171.7	168.1	174.7	(*)	(*)	166.5	167.8	(*)	176.6	(*)
<b>Postal service</b>													
Total employment	704.5	704.2	702.0	702.7	701.7	704.4	703.9	701.8	697.0	695.7	700.7	740.5	697.4
Average weekly hours	(*)	39.4	39.7	39.4	38.8	38.8	(*)	(*)	39.8	40.6	(*)	45.1	(*)
Average overtime hours	(*)	1.3	1.6	1.4	.9	.9	(*)	(*)	1.4	1.9	(*)	6.7	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	180.5	182.8	181.1	183.6	183.3	(*)	(*)	195.8	201.1	(*)	243.6	(*)
Average hourly earnings	(*)	176.8	177.7	177.4	182.6	182.3	(*)	(*)	189.9	191.2	(*)	208.5	(*)
<b>Other agencies</b>													
Total employment	965.8	984.3	991.8	1,003.2	1,009.2	1,017.6	1,043.6	1,034.1	1,020.9	1,017.7	1,015.8	1,012.7	1,013.4
Average weekly hours	(*)	38.9	39.1	39.0	38.8	39.0	(*)	(*)	38.9	38.5	(*)	38.5	(*)
Average overtime hours	(*)	1.1	1.1	1.1	1.2	1.4	(*)	(*)	1.3	1.1	(*)	.8	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	164.5	164.9	164.5	164.1	164.0	(*)	(*)	166.3	164.8	(*)	174.1	(*)
Average hourly earnings	(*)	164.1	163.6	163.6	164.1	163.1	(*)	(*)	165.8	166.1	(*)	175.5	(*)

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage board employees. Since these \* = not available.

averages relate to hours and earnings of all workers, both supervisory and nonsupervisory, they are not comparable to similar data presented in table C-2 which relate only to production or nonsupervisory workers.

**C-4. Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry**

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>p</sup>	Nov. 1975 <sup>p</sup>
<b>MANUFACTURING</b>	\$4.39	\$4.43	\$4.70	\$4.73	\$4.76
<b>DURABLE GOODS</b>	4.67	4.71	5.06	5.08	5.11
Ordnance and accessories	4.66	4.70	5.22	5.25	-
Lumber and wood products	3.86	3.89	4.24	4.23	-
Furniture and fixtures	3.49	3.51	3.68	3.70	-
Stone, clay, and glass products	4.42	4.44	4.76	4.78	-
Primary metal industries	5.54	5.64	6.16	6.14	-
Fabricated metal products	4.57	4.59	4.98	5.01	-
Machinery, except electrical	4.84	4.87	5.27	5.32	-
Electrical equipment and supplies	4.19	4.22	4.53	4.54	-
Transportation equipment	5.51	5.53	5.90	6.01	-
Instruments and related products	4.18	4.21	4.48	4.48	-
Miscellaneous manufacturing industries	3.44	3.50	3.71	3.73	-
<b>NONDURABLE GOODS</b>	3.96	4.00	4.23	4.25	4.29
Food and kindred products	4.05	4.11	4.38	4.42	-
Tobacco manufactures	3.96	4.13	4.18	4.16	-
Textile mill products	3.16	3.18	3.32	3.37	-
Apparel and other textile products	3.05	3.06	3.16	3.17	-
Paper and allied products	4.43	4.48	4.84	4.87	-
Printing and publishing	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-
Chemicals and allied products	4.82	4.89	5.23	5.30	-
Petroleum and coal products	5.50	5.53	6.31	6.32	-
Rubber and plastics products, nec	3.97	4.01	4.23	4.26	-
Leather and leather products	3.00	3.04	3.15	3.16	-

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

<sup>p</sup> = preliminary.

<sup>2</sup> Not available as average overtime rates are significantly above time and one-half. Inclusion of data for the group in the nondurable goods total has little effect.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**
**C-5. Gross and spendable average weekly earnings of production or nonsupervisory workers <sup>1</sup>  
on private nonagricultural payrolls, by industry division, in current and 1967 dollars**

industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
<b>TOTAL PRIVATE:</b>									
Current dollars	\$159.51	\$168.43	\$168.33	\$127.70	\$136.88	\$136.81	\$138.27	\$151.65	\$151.57
1967 dollars	104.25	102.95	102.27	83.46	83.67	83.12	90.37	92.70	92.08
<b>MINING:</b>									
Current dollars	235.64	255.25	258.00	183.27	199.28	201.28	197.46	216.90	219.01
1967 dollars	154.01	156.02	156.74	119.78	121.81	122.28	129.06	132.58	133.06
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars	265.62	278.99	279.00	205.06	217.02	217.03	220.79	235.72	235.73
1967 dollars	173.61	170.53	169.50	134.03	132.65	131.85	144.31	144.08	143.21
<b>MANUFACTURING:</b>									
Current dollars	183.26	196.58	196.00	144.95	156.36	155.93	156.60	172.48	172.05
1967 dollars	119.78	120.16	119.08	94.74	95.57	94.73	102.35	105.43	104.53
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars	226.49	243.79	242.17	176.60	191.01	189.82	190.32	207.99	206.72
1967 dollars	148.03	149.02	147.13	115.42	116.75	115.32	124.39	127.13	125.59
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars	120.31	128.06	128.73	99.17	107.53	108.02	107.83	120.57	121.20
1967 dollars	78.63	78.28	78.21	64.82	65.73	65.63	70.48	73.70	73.63
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars	142.74	150.59	151.79	115.57	124.01	124.88	125.33	138.26	139.02
1967 dollars	93.29	92.05	92.22	75.54	75.80	75.87	81.92	84.51	84.46
<b>SERVICES:</b>									
Current dollars	130.08	139.18	140.19	106.31	115.66	116.40	115.46	131.00	131.64
1967 dollars	85.02	85.07	85.17	69.48	70.70	70.72	75.46	80.07	79.98
<b>CONSUMER PRICE INDEX (All items, 1967 = 100)</b>	153.0	163.6	164.6	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

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

p = preliminary (applicable to earnings data only).



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

[1967 = 100]

Industry division and group	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
	Hours				
<b>TOTAL</b> .....	114.2	112.1	110.0	109.8	109.6
<b>GOODS-PRODUCING</b> .....	105.7	100.8	96.1	95.5	94.5
<b>MINING</b> .....	119.8	99.5	121.9	124.7	126.8
<b>CONTRACT CONSTRUCTION</b> .....	126.7	115.9	109.0	107.6	100.5
<b>MANUFACTURING</b> .....	101.6	98.2	92.9	92.4	92.3
<b>DURABLE GOODS</b> .....	103.1	99.7	89.8	89.3	89.4
Ordnance and accessories .....	48.9	49.5	44.2	43.3	42.8
Lumber and wood products .....	96.3	89.0	93.1	93.0	89.7
Furniture and fixtures .....	107.6	100.8	99.2	100.1	100.3
Stone, clay, and glass products .....	110.3	106.0	98.8	98.2	97.3
Primary metal industries .....	103.0	100.9	84.3	81.1	81.7
Fabricated metal products .....	108.2	104.9	93.9	94.2	94.3
Machinery, except electrical .....	109.9	109.3	92.0	91.6	92.3
Electrical equipment and supplies .....	102.6	98.9	86.6	87.5	88.8
Transportation equipment .....	96.1	91.4	86.7	85.1	85.4
Instruments and related products .....	111.6	110.9	100.6	101.7	102.9
Miscellaneous manufacturing .....	104.9	99.8	96.1	97.0	95.2
<b>NONDURABLE GOODS</b> .....	99.4	96.0	97.5	96.9	96.5
Food and kindred products .....	101.7	96.9	108.6	102.0	97.4
Tobacco manufactures .....	102.0	92.6	101.7	100.9	106.0
Textile mill products .....	92.4	89.3	96.7	98.3	98.5
Apparel and other textile products .....	92.1	88.4	89.5	91.4	91.4
Paper and allied products .....	99.3	97.2	92.3	93.2	94.7
Printing and publishing .....	99.6	98.2	92.8	92.2	92.9
Chemicals and allied products .....	104.1	102.4	96.4	97.0	97.9
Petroleum and coal products .....	112.6	110.4	113.1	112.7	111.4
Rubber and plastics products, nec .....	133.9	125.8	115.4	115.7	115.9
Leather and leather products .....	72.6	73.5	74.4	76.4	78.0
<b>SERVICE-PRODUCING</b> .....	120.1	119.9	119.6	119.8	120.1
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	109.2	107.2	102.5	102.0	101.3
<b>WHOLESALE AND RETAIL TRADE</b> .....	116.3	117.0	115.7	115.8	116.7
<b>WHOLESALE TRADE</b> .....	115.2	115.0	112.1	113.1	112.6
<b>RETAIL TRADE</b> .....	116.8	117.7	117.1	116.8	118.2
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	125.0	124.3	123.3	124.0	124.7
<b>SERVICES</b> .....	128.9	128.5	131.6	132.2	132.1

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

P = preliminary.

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

[1967 = 100]

Industry division and group	Oct. 1974	Nov. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Nov. 1975 <sup>P</sup>
	Payrolls				
<b>TOTAL</b> .....	186.6	182.7	190.5	190.8	191.4
<b>GOODS-PRODUCING</b> .....	175.4	167.1	169.8	169.1	168.0
<b>MINING</b> .....	202.2	163.3	230.2	234.6	242.9
<b>CONTRACT CONSTRUCTION</b> .....	215.2	197.1	196.5	194.4	184.1
<b>MANUFACTURING</b> .....	164.2	159.6	160.7	160.1	161.0
<b>DURABLE GOODS</b> .....	167.4	162.5	156.8	156.3	157.4
Ordnance and accessories .....	74.1	75.7	74.8	73.6	72.8
Lumber and wood products .....	163.5	151.5	174.3	173.6	165.7
Furniture and fixtures .....	166.3	155.7	161.8	164.1	164.6
Stone, clay, and glass products .....	182.2	175.0	175.6	175.0	173.7
Primary metal industries .....	179.5	177.9	161.1	154.2	157.2
Fabricated metal products .....	173.1	167.8	163.0	164.0	165.3
Machinery, except electrical .....	175.6	175.4	157.6	158.1	160.1
Electrical equipment and supplies .....	159.6	154.6	145.6	147.0	150.2
Transportation equipment .....	161.7	152.3	155.0	155.0	155.5
Instruments and related products .....	168.6	168.7	162.5	164.3	168.0
Miscellaneous manufacturing .....	158.1	152.6	156.3	158.4	156.6
<b>NONDURABLE GOODS</b> .....	158.8	154.6	167.2	166.6	167.0
Food and kindred products .....	164.1	158.0	190.3	179.4	173.1
Tobacco manufactures .....	182.4	171.3	192.3	189.8	206.5
Textile mill products .....	146.6	142.4	163.9	168.7	169.3
Apparel and other textile products .....	141.0	135.0	142.1	145.8	146.5
Paper and allied products .....	161.1	158.8	164.2	166.9	171.5
Printing and publishing .....	154.7	153.4	155.2	154.6	156.6
Chemicals and allied products .....	163.1	167.0	170.1	171.9	175.7
Petroleum and coal products .....	181.9	178.5	209.0	208.2	207.0
Rubber and plastics products, nec .....	202.2	190.6	185.5	186.2	187.2
Leather and leather products .....	107.9	110.5	117.3	120.5	123.5
<b>SERVICE-PRODUCING</b> .....	196.1	196.2	208.3	209.5	211.6
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	189.7	186.1	193.5	192.3	191.8
<b>WHOLESALE AND RETAIL TRADE</b> .....	185.1	186.4	195.9	197.1	199.1
<b>WHOLESALE TRADE</b> .....	185.3	187.0	192.6	195.0	196.4
<b>RETAIL TRADE</b> .....	185.0	186.1	197.6	198.2	200.5
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	188.9	188.7	198.6	200.0	204.8
<b>SERVICES</b> .....	217.3	218.2	237.6	240.3	243.4

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

p = preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

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

Industry	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. <sup>P</sup>	Nov. <sup>P</sup>
<b>TOTAL</b> .....	36.2	36.3	36.2	36.1	35.9	35.9	35.9	36.0	36.0	36.2	36.1	36.2	36.3
<b>MINING</b> .....	36.3	41.3	42.5	42.4	41.9	41.1	42.6	42.2	42.1	41.8	42.1	42.6	43.8
<b>CONTRACT CONSTRUCTION</b> .....	37.0	37.4	37.2	36.8	34.9	36.8	36.9	35.7	36.2	36.7	36.7	36.6	36.8
<b>MANUFACTURING</b> .....	39.5	39.4	39.2	38.8	38.9	39.1	39.0	39.3	39.4	39.7	39.8	39.9	39.8
<i>Overtime hours</i> .....	2.8	2.7	2.4	2.4	2.3	2.3	2.4	2.4	2.6	2.8	2.8	2.8	2.8
<b>DURABLE GOODS</b> .....	40.3	40.2	40.1	39.7	39.5	39.7	39.5	39.6	39.8	40.2	40.2	40.1	40.1
<i>Overtime hours</i> .....	3.0	2.8	2.5	2.5	2.3	2.4	2.2	2.3	2.5	2.7	2.7	2.6	2.6
Ordnance and accessories .....	41.9	41.7	41.8	41.3	41.3	41.3	41.1	41.6	40.1	41.2	41.7	41.5	42.1
Lumber and wood products .....	38.5	38.2	38.1	38.6	38.0	38.8	38.8	39.0	39.1	39.5	39.6	39.9	40.0
Furniture and fixtures .....	37.8	37.4	36.6	36.4	36.6	37.2	37.5	37.6	37.8	38.3	38.9	39.0	39.0
Stone, clay, and glass products .....	41.2	41.0	40.9	40.2	39.6	40.3	40.2	40.3	40.6	40.7	40.8	40.8	41.0
Primary metal industries .....	41.5	41.1	40.6	40.3	40.0	39.7	39.5	39.6	39.7	39.9	39.9	39.9	40.1
Fabricated metal products .....	40.4	40.5	40.4	39.8	39.7	39.7	39.5	39.5	39.5	40.0	40.2	40.3	40.4
Machinery, except electrical .....	42.2	42.0	41.8	41.3	40.9	41.0	40.5	40.4	40.5	40.8	40.7	40.7	40.7
Electrical equipment and supplies .....	39.5	39.6	39.5	39.2	39.2	39.4	39.1	39.3	39.5	39.6	39.6	39.6	39.8
Transportation equipment .....	39.6	39.5	39.6	39.2	39.1	40.5	39.5	40.0	40.7	41.2	40.9	40.5	40.3
Instruments and related products .....	39.9	39.7	39.6	39.0	39.1	39.2	39.3	39.4	39.7	39.5	39.7	39.8	40.0
Miscellaneous manufacturing industries .....	37.9	38.2	38.1	37.8	37.7	38.1	38.1	38.3	38.1	38.2	38.7	38.8	38.7
<b>NONDURABLE GOODS</b> .....	38.4	38.2	38.1	37.6	37.9	38.0	38.3	38.7	38.8	39.3	39.4	39.4	39.5
<i>Overtime hours</i> .....	2.6	2.5	2.3	2.2	2.2	2.2	2.4	2.6	2.8	2.9	3.0	2.9	2.9
Food and kindred products .....	40.1	40.0	40.0	40.0	40.2	39.9	39.9	39.9	40.1	40.7	40.9	40.5	40.5
Tobacco manufactures .....	37.3	37.7	37.5	37.5	38.6	38.3	36.9	39.8	35.4	37.6	38.0	37.5	40.3
Textile mill products .....	37.7	36.7	36.2	36.1	36.9	37.7	38.9	39.2	39.6	40.4	40.9	41.1	40.8
Apparel and other textile products .....	34.4	34.3	34.2	33.6	33.8	34.3	34.4	35.2	35.2	35.5	36.0	36.1	36.0
Paper and allied products .....	41.3	41.3	41.0	40.6	40.5	40.4	40.9	41.5	41.6	42.1	42.2	42.4	42.7
Printing and publishing .....	37.4	37.3	37.4	37.1	37.0	36.8	36.7	36.7	36.7	37.1	36.9	37.0	37.3
Chemicals and allied products .....	41.1	41.0	40.7	40.6	40.4	40.3	40.6	40.7	40.9	41.1	41.3	41.3	41.7
Petroleum and coal products .....	42.2	42.2	41.9	41.9	41.7	41.0	41.5	41.2	41.3	41.0	41.6	41.7	41.6
Rubber and plastics products, nec .....	39.7	39.5	39.5	38.8	38.7	39.0	39.6	39.6	40.0	40.1	40.1	40.0	39.8
Leather and leather products .....	36.6	36.2	35.9	35.4	35.3	36.5	36.5	37.5	37.8	38.0	38.4	38.9	38.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	39.8	39.8	39.9	39.7	39.7	39.8	39.2	39.5	39.4	39.5	39.7	39.5	39.6
<b>WHOLESALE AND RETAIL TRADE</b> .....	33.8	33.9	33.8	33.9	33.9	33.7	33.9	33.8	33.6	33.8	33.6	33.9	33.7
<b>WHOLESALE TRADE</b> .....	38.6	38.6	38.7	38.6	38.6	38.6	38.6	38.4	38.5	38.6	38.5	38.8	38.6
<b>RETAIL TRADE</b> .....	32.5	32.5	32.4	32.3	32.5	32.3	32.5	32.4	32.2	32.3	32.2	32.3	32.4
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	36.8	36.8	36.9	36.8	36.6	36.2	36.4	36.5	36.3	36.3	36.3	36.4	36.8
<b>SERVICES</b> .....	33.8	33.8	33.9	33.9	33.8	33.7	33.9	33.9	33.7	33.8	33.6	33.8	33.9

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

p = preliminary.

## C-8. Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

[1967 = 100]

Industry division and group	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. <sup>P</sup>	Nov. <sup>P</sup>
<b>TOTAL</b>	111.3	109.9	108.9	107.0	105.9	106.0	106.3	106.0	106.4	107.6	108.1	108.6	109.9
<b>GOODS-PRODUCING</b>	99.2	96.7	94.5	90.7	88.4	89.2	89.4	88.9	89.3	91.2	92.4	92.8	93.0
<b>MINING</b>	99.7	106.0	117.4	116.7	115.9	113.7	119.4	118.4	118.8	118.6	119.9	124.7	126.9
<b>CONTRACT CONSTRUCTION</b>	112.9	112.1	111.0	104.1	94.5	99.0	99.3	94.9	96.2	98.3	98.6	97.4	98.0
<b>MANUFACTURING</b>	96.8	93.6	90.8	87.4	86.4	86.6	86.6	86.8	87.1	89.0	90.3	90.9	90.9
<b>DURABLE GOODS</b>	98.3	94.9	91.8	87.9	86.6	86.5	85.4	85.2	84.9	86.7	87.7	88.0	88.1
Ordnance and accessories	48.4	48.8	48.3	48.3	47.7	47.7	47.5	46.9	44.7	43.7	43.0	42.8	42.3
Lumber and wood products	89.6	87.1	83.8	82.3	81.6	82.5	84.4	85.8	86.7	88.8	90.1	91.6	90.5
Furniture and fixtures	98.9	94.9	88.0	85.1	83.9	85.8	87.7	87.2	88.7	92.6	97.4	97.9	98.4
Stone, clay, and glass products	105.2	102.3	98.5	94.1	91.2	92.6	92.6	92.4	93.1	94.5	95.7	95.5	96.4
Primary metal industries	101.9	98.0	94.8	90.6	87.3	84.1	82.1	80.8	80.0	81.7	83.5	81.9	82.5
Fabricated metal products	102.8	99.6	94.9	92.1	90.2	90.1	89.0	88.5	86.7	90.9	92.0	92.6	92.2
Machinery, except electrical	108.6	106.3	104.0	100.8	98.3	96.6	93.1	91.3	90.4	91.0	91.8	92.3	91.7
Electrical equipment and supplies	96.6	92.8	90.2	85.3	84.3	83.3	81.9	81.8	81.6	84.3	84.9	86.0	86.6
Transportation equipment	88.7	84.0	81.1	75.1	77.3	80.4	80.2	81.4	82.0	82.9	82.2	82.5	83.1
Instruments and related products	108.9	106.6	105.0	100.7	98.3	98.2	97.1	97.0	98.1	97.2	99.4	100.7	100.9
Miscellaneous manufacturing, Ind.	94.6	91.1	89.4	87.3	85.6	86.0	86.5	87.0	87.7	89.0	91.4	91.0	90.5
<b>NONDURABLE GOODS</b>	94.5	91.7	89.3	86.7	86.0	86.7	88.2	89.1	90.2	92.4	94.1	95.1	95.0
Food and kindred products	94.8	93.9	92.8	92.5	92.6	92.4	92.9	93.1	93.4	96.1	96.9	96.4	95.5
Tobacco manufactures	83.8	86.1	88.2	86.9	86.7	83.4	80.3	86.7	80.8	85.8	88.1	85.6	96.2
Textile mill products	88.4	83.3	78.0	75.8	77.2	80.8	85.7	87.0	88.5	93.0	96.4	98.5	97.7
Apparel and other textile products	86.3	82.2	80.1	76.9	76.5	78.5	79.8	82.4	84.6	85.3	87.8	88.5	89.4
Paper and allied products	95.7	93.9	91.0	87.4	85.3	84.5	85.7	86.4	87.6	89.6	91.3	92.3	93.5
Printing and publishing	97.5	97.0	96.7	94.9	93.9	92.6	92.0	91.2	90.0	92.4	91.9	91.7	92.3
Chemicals and allied products	102.4	99.3	96.6	95.0	92.4	91.4	92.7	92.6	93.0	94.5	96.1	97.0	97.7
Petroleum and coal products	109.6	108.7	102.8	100.2	104.0	101.4	104.4	105.3	107.2	107.3	108.9	110.0	110.6
Rubber and plastics products, nec	123.0	117.4	113.8	104.2	100.4	102.1	105.1	105.1	106.9	110.6	113.0	114.7	113.4
Leather and leather products	73.0	70.3	67.8	64.4	63.0	65.8	66.8	69.6	71.4	72.1	74.9	77.2	77.4
<b>SERVICE-PRODUCING</b>	119.6	119.1	118.9	118.4	118.1	117.6	118.0	117.8	118.3	119.0	119.0	119.5	119.9
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	106.8	106.2	105.0	103.5	102.1	102.3	100.3	100.6	100.3	100.5	101.1	100.7	101.0
<b>WHOLESALE AND RETAIL TRADE</b>	115.7	114.7	114.3	113.7	113.9	113.4	113.9	113.7	114.6	115.2	115.2	115.6	115.5
<b>WHOLESALE TRADE</b>	113.8	113.3	113.0	112.1	111.6	111.5	111.4	110.3	110.8	111.0	111.3	112.1	111.5
<b>RETAIL TRADE</b>	116.4	115.2	114.7	114.2	114.8	114.0	114.8	115.0	116.0	116.8	116.7	116.9	117.0
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	125.1	125.1	125.2	124.5	123.6	122.1	122.9	123.2	122.3	122.9	123.5	123.8	125.6
<b>SERVICES</b>	129.3	129.3	129.9	129.9	129.6	129.3	130.3	129.9	130.4	131.4	131.1	132.3	132.9

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

p = preliminary.

## C-9. Hours of wage and salary workers in nonagricultural establishments, by industry division

Industry division	Annual rate Millions of hours <sup>2</sup>				Percent change <sup>3</sup>	
	September 1975	October 1975	November 1975p	November 1974 to November 1975	September 1975 to October 1975	October 1975 to November 1975
<b>TOTAL - ALL INDUSTRIES</b>	147,258	148,231	148,316	- 1.0	8.2	0.7
<b>TOTAL - PRIVATE</b>	118,002	118,505	118,873	- 1.9	5.2	3.8
<b>MINING</b>	1,646	1,715	1,738	27.8	62.9	17.5
<b>CONTRACT CONSTRUCTION</b>	6,550	6,479	6,524	-11.2	-12.3	8.7
<b>MANUFACTURING</b>	38,061	38,183	38,216	- 5.1	3.9	1.1
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	9,175	9,188	9,221	- 4.8	1.6	4.5
<b>WHOLESALE AND RETAIL TRADE</b>	29,910	30,029	30,032	- 0.4	4.9	0.1
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	8,002	8,041	8,141	0.9	6.0	16.0
<b>SERVICES</b>	24,658	24,872	25,002	3.1	10.9	6.5
<b>GOVERNMENT</b>	29,257	29,727	29,444	2.7	21.1	-10.8

<sup>1</sup> Data refer to hours paid for all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*—Chapter 25. Output Per Man-Hour Measures, Private Economy.

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

<sup>3</sup> Percent change compounded at annual rates.  
p = preliminary.

**PRODUCTIVITY  
SEASONALLY ADJUSTED**

**Table C-10. Indexes of output and compensation per hour, unit costs, and prices,  
private economy, seasonally adjusted**

[1967 = 100]

Item	Annual average		Quarterly indexes										
			1973				1974				1975		
	1973	1974	I	II	III	IV	I	II	III	IV	I	II	III
<b>Total private:</b>													
Output per hour of all persons	115.1	112.0	115.5	114.9	114.6	114.8	112.3	112.4	112.0	110.5	110.3	111.5	114.4r
Output	125.8	122.8	124.8	125.6	126.1	126.8	123.9	124.0	123.2	119.9	116.2	116.6	120.5r
Hours	109.3	109.6	108.1	109.3	110.0	110.5	110.4	110.3	110.1	108.5	105.3	104.6	105.3r
Compensation per hour <sup>1</sup>	150.9	164.0	147.4	149.1	151.4	154.6	157.1	162.0	166.3	169.7	173.8	177.1	179.8r
<b>Real compensation per hour<sup>2</sup></b>													
Unit labor costs	113.4	111.1	114.4	113.4	112.7	112.4	111.0	111.4	111.1	110.1	110.6	111.0	110.5r
Unit nonlabor payments <sup>3</sup>	124.2	134.0	120.1	122.5	125.7	128.5	130.1	131.5	135.1	140.0	141.8	144.6	152.3r
Implicit price deflator <sup>4</sup>	128.4	141.6	124.7	126.9	129.6	132.3	136.1	139.2	143.3	148.3	151.4	153.3	155.3r
<b>Private nonfarm:</b>													
Output per hour of all persons	113.6	110.4	113.9	113.4	113.4	113.2	111.2	110.7	110.1	109.1	108.4	109.9	112.8r
Output	126.3	123.1	125.1	126.0	126.8	127.2	124.4	124.1	123.4	120.4	116.2	116.9	120.5r
Hours	111.1	111.5	109.9	111.1	111.8	112.4	111.9	112.2	112.1	110.3	107.2	106.3	106.8r
Compensation per hour <sup>1</sup>	148.8	161.9	145.0	147.0	149.5	152.5	155.5	159.8	163.8	167.5	170.9	174.1	175.5r
<b>Real compensation per hour<sup>2</sup></b>													
Unit labor costs	111.8	109.6	112.6	111.8	111.2	110.9	109.8	109.9	109.4	108.6	108.7	109.1	109.1r
Unit nonlabor payments <sup>3</sup>	131.1	146.6	127.4	129.6	131.8	134.7	139.9	144.4	148.8	153.5	157.6	158.4	157.3r
Implicit price deflator <sup>4</sup>	117.9	129.2	116.5	117.1	118.0	120.3	122.7	127.5	131.4	135.6	140.1	142.8	148.7r
<b>Manufacturing:</b>													
Output per hour of all persons	128.3	129.2	126.7	127.9	129.3	128.4	127.4	129.4	129.2	128.9	125.7	126.5	128.9r
Output <sup>5</sup>	132.6	131.8	129.9	132.3	133.9	134.3	132.3	132.9	132.8	127.8	116.2	115.1	119.2r
Hours	103.4	102.0	102.5	103.4	103.6	104.6	103.9	102.7	102.8	99.2	92.5	91.0	92.5r
Compensation per hour <sup>1</sup>	147.2	161.1	142.9	145.6	148.2	151.4	153.0	158.9	163.1	168.4	173.2	177.0	180.3r
<b>Real compensation per hour<sup>2</sup></b>													
Unit labor costs	110.6	109.0	111.0	110.7	110.3	110.1	108.1	109.3	108.9	109.2	110.1	111.0	110.7r
Unit nonlabor costs <sup>7</sup>	114.8	124.6	112.8	113.8	114.6	117.9	120.1	122.8	126.2	130.7	137.8	139.9	139.9r
<b>Nonfinancial corporations:</b>													
Output per all-employee hour	120.5	117.7	120.4	120.7	120.8	120.2	118.1	118.2	117.6	117.0	117.7	121.2	124.8p
Output	132.3	129.1	130.7	132.3	132.9	133.4	130.6	130.2	129.5	126.0	121.4	123.3	128.2p
Hours	109.8	109.6	108.6	109.6	110.0	111.0	110.6	110.2	110.1	107.7	103.2	101.8	102.8p
Compensation per hour <sup>1</sup>	149.9	163.0	146.2	148.5	151.1	154.0	156.5	161.1	165.1	169.3	173.6	177.3	180.5p
<b>Real compensation per hour<sup>2</sup></b>													
Unit labor costs	112.7	110.4	113.5	113.0	112.4	112.0	110.5	110.8	110.3	109.8	110.5	111.2	110.9p
Total unit costs <sup>6</sup>	125.2	139.0	122.5	124.1	125.9	128.5	133.0	136.7	140.9	145.5	150.0	149.6	148.0p
Unit labor costs	124.4	138.4	121.4	123.1	125.1	128.1	132.6	136.4	140.4	144.8	147.5	146.3	144.6p
Unit nonlabor costs <sup>7</sup>	127.7	140.9	125.7	127.1	128.3	129.9	134.2	137.9	142.4	147.9	157.4	159.5	158.2p
Unit profits <sup>8</sup>	90.8	89.2	91.9	91.3	90.2	89.7	86.8	90.9	90.6	88.8	87.3	97.9	115.8p
Implicit price deflator <sup>4</sup>	120.0	131.5	117.8	119.1	120.5	122.6	126.0	129.8	133.3	137.0	140.5	141.8	143.1p

<sup>1</sup>Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.

<sup>2</sup>Compensation per hour adjusted for changes in the Consumer Price Index.

<sup>3</sup>Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

<sup>4</sup>Current dollar gross product divided by constant dollar gross product.

<sup>5</sup>Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.

<sup>6</sup>Total unit costs is the sum of unit labor costs and unit nonlabor costs.

<sup>7</sup>Includes depreciation, interest, and indirect taxes.

<sup>8</sup>Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary.

r= revised.

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

Item	Quarterly percent change						Annual percent change					
	I 1974 to II 1974	II 1974 to III 1974	III 1974 to IV 1974	IV 1974 to I 1975	I 1975 to II 1975	II 1975 to III 1975	II 1973 to II 1974	III 1973 to III 1974	IV 1973 to IV 1974	I 1974 to I 1975	II 1974 to II 1975	III 1974 to III 1975
	<b>Total private:</b>											
Output per hour of all persons	0.3	- 1.5	- 5.1	- 0.6	4.2	11.0r	- 2.2	- 2.3	- 3.7	- 1.8	- 0.8	2.2r
Output	0.1	- 2.4	-10.4	-11.8	1.5	14.2r	- 1.3	- 2.3	- 5.5	- 6.3	- 5.9	- 2.2r
Hours	- 0.2r	- 0.9	- 5.6	-11.2	- 2.7	2.8r	0.9	0.0	- 1.8	- 4.6	- 5.2	- 4.3r
Compensation per hour <sup>2</sup>	12.9	11.1	8.6	10.0	7.6	6.4r	8.6	9.8	9.8	10.7	9.3	8.2r
Real compensation per hour <sup>3</sup>	1.4	- 1.1	- 3.5	1.9	1.6	- 1.8r	- 1.8	- 1.4	- 2.1	- 0.4	- 0.3	- 0.5r
Unit labor costs	12.6	12.8	14.4	10.7	3.2	- 4.1r	11.0	12.4	14.1	12.6	10.2	5.8r
Unit nonlabor payments <sup>4</sup>	4.3	11.5	15.4	5.2	8.0	23.3r	7.3	7.5	8.9	9.0	10.0	12.8r
Implicit price deflator <sup>5</sup>	9.5	12.3	14.8	8.6	5.0	5.3r	9.6	10.6	12.1	11.3	10.1	8.4r
<b>Private nonfarm:</b>												
Output per hour of all persons	- 1.8r	- 2.1r	- 3.4r	- 2.6r	5.7r	11.1r	- 2.4r	- 2.9r	- 3.6r	- 2.5r	- 0.7r	2.5r
Output	- 0.8	- 2.4	- 9.3	-13.1	2.1	13.3r	- 1.5	- 2.7	- 5.3	- 6.5	- 5.9	- 2.3r
Hours	1.0	- 0.3r	- 6.1r	-10.8r	- 3.4r	2.0r	0.9r	0.2	- 1.8r	- 4.2r	- 5.2r	- 4.7r
Compensation per hour <sup>2</sup>	11.6r	10.3r	9.4r	8.4r	7.7r	8.2r	8.7r	9.6r	9.8	9.9	8.9	8.4r
Real compensation per hour <sup>3</sup>	0.2r	- 1.8r	- 2.8r	0.4r	1.6r	- 0.2r	- 1.7r	- 1.7r	- 2.1	- 1.0	- 0.7	- 0.3r
Unit labor costs	13.6r	12.7r	13.2r	11.3r	1.9r	- 2.6r	11.4r	12.9r	13.9r	12.7r	9.7r	5.8r
Unit nonlabor payments <sup>4</sup>	16.7r	12.9r	13.2r	14.1r	7.9r	17.5r	8.9r	11.4r	12.7r	14.2r	12.0r	13.1r
Implicit price deflator <sup>5</sup>	14.7r	12.8	13.2	12.3	4.0	4.2r	10.5	12.4	13.5	13.2	10.5	8.3r
<b>Manufacturing:</b>												
Output per hour of all persons	6.5	- 0.6	- 1.0	- 9.6	2.8	7.6r	1.1	- 0.1	0.4	- 1.4	- 2.2	- 0.3
Output <sup>6</sup>	1.8	- 0.3	-14.2	-31.7	- 3.7	15.0r	0.5	- 0.8	- 4.8	-12.2	-13.4	-10.2r
Hours	- 4.4	0.3	-13.3	-24.4	- 6.3	6.9r	- 0.7	- 0.8	- 5.2	-11.0	-11.4	-10.0r
Compensation per hour <sup>2</sup>	16.2	10.9	13.8	11.8	9.2	7.6r	9.2	10.0	11.3	13.1	11.4	10.6
Real compensation per hour <sup>3</sup>	4.5	- 1.3	1.1	3.5	3.0	- 0.9r	- 1.3	- 1.2	- 0.8	1.9	1.5	1.7
Unit labor costs	9.1	11.5	15.0	23.6	6.2	0.0r	7.9	10.1	10.9	14.7	13.9	10.9r
<b>Nonfinancial corporations:</b>												
Output per all-employee hour	0.3	- 2.0	- 2.0	2.4	12.5	12.4p	- 2.1	- 2.7	- 2.7	- 0.3	2.6	6.1p
Output	- 1.4	- 2.1	-10.2	-13.9	6.4	16.9p	- 1.6	- 2.6	- 5.5	- 7.0	- 5.3	- 1.0p
Hours	- 1.7	- 0.1	- 8.4	-15.9	- 5.4	4.0p	0.5	0.1	- 2.9	- 6.7	- 7.6	- 6.7p
Compensation per hour <sup>2</sup>	12.3	10.3	10.6	10.5	8.8	7.3p	8.5	9.3	10.0	10.9	10.1	9.3p
Real compensation per hour <sup>3</sup>	1.0	- 1.8	- 1.7	2.3	2.7	- 1.1p	- 1.9	- 1.9	- 1.9	- 0.1	0.3	0.5p
Total unit costs <sup>7</sup>	11.8	12.9	13.7	12.8	- 1.1	- 4.2p	10.2	12.0	13.2	12.8	9.4	5.0p
Unit labor costs	11.9	12.5	12.9	7.9	- 3.2	- 4.5p	10.8	12.3	13.0	11.3	7.3	3.0p
Unit nonlabor costs <sup>8</sup>	11.4	13.9	16.1	28.4	5.5	- 3.2p	8.5	11.0	13.8	17.3	15.7	11.1p
Unit profits <sup>9</sup>	20.2	- 1.0	- 7.7	- 6.8	58.3	95.9p	- 0.5	0.4	- 0.9	0.6	7.7	27.8p
Implicit price deflator <sup>5</sup>	12.6	11.3	11.3	10.7	3.7	3.9p	9.0	10.7	11.7	11.5	9.2	7.3p

<sup>1</sup> Computed from seasonally adjusted original data, not from indexes.<sup>2</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.<sup>3</sup> Compensation per hour adjusted for changes in the Consumer Price Index.<sup>4</sup> Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.<sup>5</sup> Current dollar gross product divided by constant dollar gross product.<sup>6</sup> Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.<sup>7</sup> Total unit costs is the sum of unit labor costs and unit nonlabor costs.<sup>8</sup> Includes depreciation, interest, and indirect taxes.<sup>9</sup> Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary.

r= revised.

EMPLOYEE COMPENSATION DATA

C-12. Indexes of average hourly earnings, private nonfarm economy,<sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts, by industry division, 1964 to date

[1967 = 100]

Year and month	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars
	Total private <sup>2</sup>		Mining		Contract construction		Manufacturing	
1964	88.3	95.1	88.2	95.0	86.6	93.2	90.2	97.0
1965	91.6	97.0	91.8	97.2	90.0	95.3	92.5	97.9
1966	95.4	98.1	96.2	99.0	94.6	97.3	95.6	98.4
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	105.3	102.0	105.6	101.4	107.2	102.9	106.1	101.8
1969	113.3	103.2	113.7	103.5	116.4	106.1	112.4	102.4
1970	120.8	103.9	120.3	103.4	127.2	109.4	119.4	102.7
1971	129.4	106.7	127.2	104.9	138.0	113.8	127.3	106.0
1972	137.8	110.0	137.2	109.5	146.2	116.7	135.4	108.1
1973	146.6	110.1	147.6	110.9	154.4	116.0	143.6	107.9
1974	158.6	107.4	163.1	110.4	163.7	110.8	156.0	105.6
1974: November	164.2	106.4	168.1	108.9	169.7	110.0	162.3	105.2
December	165.6	106.6	173.7	111.8	170.2	109.5	164.3	105.7
1975: January	166.6	106.7	176.3	112.9	169.8	108.8	165.4	106.0
February	167.8	106.7	178.0	113.2	167.8	106.8	166.5	105.9
March	168.9	107.0	178.3	113.0	171.4	108.6	167.9	106.4
April	169.4	106.8	178.6	112.6	172.0	108.4	168.6	106.3
May	170.6	107.1	180.5	113.3	172.9	108.5	169.7	106.5
June	171.9	107.0	182.3	113.5	174.6	108.7	170.7	106.3
July	172.8	106.4	183.5	113.0	176.4	108.7	171.7	105.8
August	174.1	106.9	185.0	113.7	177.0	108.7	172.8	106.1
September	176.1	107.6	187.6	114.7	180.5	110.3	174.5	106.7
October <sup>p</sup>	176.7	107.4	187.0	113.6	180.9	109.9	175.6	106.7
November <sup>p</sup>	178.1	(*)	189.0	(*)	183.0	(*)	176.7	(*)
Year and month	Transportation and public utilities		Wholesale and retail trade		Finance, insurance, and real estate		Services	
1964	89.4	96.2	87.0	93.7	89.2	96.0	86.3	92.9
1965	93.6	99.0	90.4	95.7	92.4	97.8	90.7	96.0
1966	96.4	99.2	94.7	97.5	96.0	98.8	95.2	98.0
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	105.5	101.3	106.9	102.6	105.8	101.5	106.1	101.8
1969	112.2	102.1	113.8	103.7	112.2	102.2	114.0	103.8
1970	119.9	102.3	120.8	103.9	118.9	102.2	122.2	105.0
1971	130.0	107.2	128.0	105.5	126.2	104.0	131.6	108.5
1972	143.4	114.4	134.7	107.5	132.1	105.5	140.5	112.2
1973	155.6	116.9	143.1	107.5	138.4	104.0	150.1	112.8
1974	167.3	113.3	155.0	105.0	148.6	100.6	163.3	110.6
1974: November	173.2	112.2	160.0	103.7	153.1	99.2	167.9	108.8
December	174.0	111.9	160.6	103.4	155.3	99.9	169.6	109.1
1975: January	174.5	111.8	162.6	104.1	155.8	99.8	170.2	109.1
February	175.9	111.9	164.1	104.4	158.4	100.7	172.3	109.6
March	176.3	111.7	164.6	104.3	159.9	101.3	172.7	109.4
April	177.3	111.8	165.4	104.3	159.7	100.7	172.4	108.7
May	178.4	112.0	166.8	104.7	160.4	100.7	173.7	109.0
June	179.8	112.0	167.9	104.5	162.6	101.2	175.3	109.1
July	181.7	111.9	168.3	103.7	161.4	99.4	176.0	108.5
August	186.0	114.2	170.0	104.4	162.1	99.5	176.1	108.2
September	188.0	114.9	171.0	104.5	162.6	99.4	179.4	109.6
October <sup>p</sup>	188.1	114.3	171.7	104.3	162.8	98.9	179.6	109.1
November <sup>p</sup>	188.8	(*)	172.3	(*)	165.9	(*)	181.8	(*)

<sup>1</sup> Production and nonsupervisory workers.

<sup>2</sup> Prior data are as follows:

Total private	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Current dollars	42.6	46.0	48.2	50.0	53.7	56.4	59.6	61.7	63.7	67.0	70.3	73.2	75.8	78.4	80.8	83.5	85.9
1967 dollars	63.7	63.8	67.5	69.3	69.0	70.9	74.4	76.6	79.4	82.3	83.4	84.5	86.8	88.4	90.2	92.2	93.7

\* Not available.

p = preliminary.

NOTE: Seasonally adjusted data are shown in table C-17.

## C-13. Four-quarter changes in compensation, seasonally adjusted

Measure	Percent change over 4-quarter period <sup>1</sup> ending in—								
	1973		1974				1975		
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.
Average hourly compensation:									
All persons, total private economy	7.7	8.0	6.6	8.6	9.8	9.8	10.7	9.3	8.3
All employees, private nonfarm economy:									
Current dollars	7.4	7.8	7.2	8.6	9.4	9.8	10.0	8.9	8.5
1967 dollars	.5	-.6	-2.5	-1.8	-1.9	-2.1	-1.0	-.7	-.7
Average hourly earnings, private nonfarm economy <sup>2</sup>	7.1	7.0	7.1	7.5	8.1	8.3	8.7	7.8	6.9
Mining	7.4	8.1	8.8	10.5	11.5	9.6	14.1	12.5	12.1
Contract construction	6.3	4.6	3.7	5.2	7.1	7.7	8.3	8.3	6.7
Manufacturing	7.3	7.1	6.4	7.4	9.3	9.9	10.7	9.7	8.2
Transportation and public utilities	9.2	8.1	8.1	7.2	7.1	8.2	8.2	8.7	9.8
Wholesale and retail trade	6.6	7.2	7.3	8.0	8.9	9.0	9.5	8.5	7.4
Finance, insurance, and real estate	4.7	5.0	5.1	6.1	7.1	7.9	8.8	9.4	7.9
Services	7.5	7.3	8.4	9.3	9.0	9.1	9.0	7.4	7.5
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.8	6.7	7.0	7.8	8.6	9.3	9.7	9.1	8.5
1967 dollars	-.1	-1.5	-2.6	-2.5	-2.5	-2.5	-1.2	-.6	-.1
Mining	7.9	8.4	9.1	10.3	11.2	11.7	13.7	12.3	12.0
Contract construction	6.1	4.8	3.9	5.2	7.1	7.8	8.4	8.3	6.8
Manufacturing	6.3	6.6	6.9	8.2	9.4	10.3	11.0	10.4	9.5
Transportation and public utilities	8.8	7.8	8.0	7.2	7.1	8.1	7.9	8.6	9.8
Wholesale and retail trade	6.6	6.9	7.2	8.0	9.0	9.2	9.7	8.7	7.9
Finance, insurance, and real estate	5.0	5.4	5.8	6.6	7.9	8.8	7.7	9.9	8.0
Services	7.4	7.3	8.4	9.1	8.6	8.8	8.9	7.2	7.4
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	6.7	9.8	(*)	7.5	(*)	(*)	(*)	(*)	(*)
Average union scales, 7 building trades: <u>4/</u>									
Wages and selected benefits	6.1	5.5	5.5	8.1	8.5	9.4	9.7	10.4	9.1
Hourly wage rates	4.9	4.4	4.5	7.4	8.2	8.6	8.7	9.1	7.8
Wage rates, hired farm labor	8.4	9.8	12.4	11.9	12.1	9.9	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>									
Current dollars	6.7	6.3	6.1	5.8	6.8	6.4	6.5	5.9	5.5
1967 dollars	-.2	-1.9	-3.4	-4.3	-4.2	-5.1	-4.1	-3.4	-3.0
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-1.7	-3.3	-4.1	-4.9	-4.9	-5.7	-4.8	-1.1	.9

<sup>1</sup> Current quarter divided by comparable quarter a year earlier.<sup>4</sup> Changes subsequent to June 1971 based on data before seasonal adjustment.<sup>2</sup> Production and nonsupervisory workers.<sup>3</sup> Computed from data that are not seasonally adjusted.

\* Not available.

NOTE: See technical description at end of table C-17.

## C-14. Quarter-to-quarter changes in compensation, seasonally adjusted

Measure	Percent change over previous quarter at annual rate								
	1973		1974				1975		
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.
Average hourly compensation:									
All persons, total private economy	6.3	8.7	6.6	12.9	11.1	8.6	10.0	7.6	6.8
All employees, private nonfarm economy:									
Current dollars	7.0	8.0	7.8	11.5	10.1	9.6	8.6	7.4	8.4
1967 dollars	-1.7	-1.6	-3.9	.1	-2.0	-2.6	.7	1.3	(4)
Average hourly earnings, private nonfarm economy <sup>1</sup>	8.1	7.3	5.8	8.8	10.6	8.0	7.2	5.2	7.3
Mining	9.1	8.6	10.2	14.0	13.3	1.5	29.2	8.0	11.5
Contract construction	5.2	3.4	4.0	8.2	13.0	5.8	6.5	8.2	6.4
Manufacturing	7.5	7.3	4.9	10.1	14.9	9.9	8.1	6.1	8.7
Transportation and public utilities	9.1	7.0	6.6	6.2	8.5	11.4	6.6	8.4	12.7
Wholesale and retail trade	7.8	8.5	6.2	9.5	11.4	9.0	8.0	5.6	7.0
Finance, insurance, and real estate	5.4	5.7	5.2	8.2	9.5	8.9	8.7	10.3	3.6
Services	7.6	9.1	8.9	11.5	6.6	9.4	8.5	5.1	6.8
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	7.4	7.0	6.8	10.1	10.7	9.6	8.6	7.5	8.6
1967 dollars	-1.4	-2.6	-4.9	-1.1	-1.5	-2.5	-.5	1.4	-.1
Mining	9.3	7.8	10.3	13.7	13.1	9.8	18.2	8.2	12.2
Contract construction	5.0	3.5	3.7	8.8	12.5	6.3	6.3	8.1	6.6
Manufacturing	7.1	7.5	6.9	11.3	12.0	11.2	9.5	8.9	8.6
Transportation and public utilities	8.7	7.0	6.9	6.2	8.5	10.8	6.3	8.8	13.2
Wholesale and retail trade	7.3	7.5	6.9	10.1	11.6	8.1	8.9	6.1	8.6
Finance, insurance, and real estate	5.9	6.2	5.7	8.7	11.0	10.0	9.1	9.6	3.6
Services	8.5	7.9	8.6	11.5	6.6	8.8	8.7	4.8	7.3
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	2.0	5.1	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average union scales, 7 building trades: <u>3/</u>									
Wages and selected benefits	8.6	2.8	1.6	20.2	10.5	6.1	2.8	23.4	5.3
Hourly wage rates	7.0	2.7	1.2	19.7	9.9	4.4	1.6	21.6	4.8
Wage rates, hired farm labor	10.3	12.2	11.8	13.5	11.1	3.5	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>1</sup>									
Current dollars	7.0	6.5	3.9	6.1	11.0	4.9	4.1	3.7	9.3
1967 dollars	-1.8	-3.0	-7.5	-4.8	-1.2	-6.7	-3.6	-2.2	.8
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-2.6	-3.8	-7.9	-5.4	-2.4	-7.2	-4.1	9.9	5.7

<sup>1</sup> Production and nonsupervisory workers.<sup>4</sup> Less than 0.05 percent.<sup>2</sup> Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

\* Not available.

<sup>3</sup> Changes subsequent to June 1971 based on data before seasonal adjustment.

NOTE: See technical description at end of table C-17.



**EMPLOYEE COMPENSATION DATA  
SEASONALLY ADJUSTED**

**C-15. Twelve-month changes in compensation, seasonally adjusted**

Measure	Percent change at annual rate over 12-month period <sup>1</sup> ending in—												
	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. <sup>P</sup>	Nov. <sup>P</sup>
Average hourly earnings, private nonfarm economy <sup>2</sup>	7.9	8.4	8.6	8.6	8.8	8.5	7.7	7.1	7.1	7.0	6.7	6.5	7.6
Mining	7.2	9.4	13.5	14.2	14.5	12.0	12.8	12.3	12.0	11.9	11.9	11.6	16.9
Contract construction	7.9	8.2	8.5	7.2	9.3	8.8	8.0	8.2	8.4	6.0	5.8	6.4	7.8
Manufacturing	9.8	10.0	10.5	10.6	11.1	11.0	9.4	8.6	8.6	8.2	7.7	7.2	7.4
Transportation and public utilities	7.9	8.3	8.0	8.0	8.5	8.5	9.0	8.7	8.7	11.2	9.4	8.6	8.9
Wholesale and retail trade	9.1	8.8	9.3	9.9	9.2	9.2	8.5	7.8	7.5	7.7	7.1	7.0	7.0
Finance, insurance, and real estate	7.9	7.9	7.6	8.9	10.0	9.7	9.3	9.1	8.7	8.6	6.4	6.9	8.1
Services	9.3	8.9	8.9	9.1	9.0	8.1	7.2	6.9	7.7	7.4	7.3	7.8	8.5
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	9.2	9.4	9.5	9.8	9.9	9.6	9.0	8.7	8.8	8.8	8.1	8.1	8.5
1967 dollars	-2.6	-2.5	-2.0	-1.2	-4	-6	-5	-6	-8	.1	.3	.5	(*)
Mining	10.5	12.6	13.5	14.0	13.5	12.1	12.3	12.4	12.2	12.2	11.7	11.6	12.5
Contract construction	7.7	8.4	9.1	7.0	9.2	8.8	7.9	8.1	8.5	6.0	6.0	6.3	7.8
Manufacturing	10.3	10.5	10.7	10.9	11.2	10.9	10.3	9.9	9.7	9.6	9.3	9.1	8.9
Transportation and public utilities	7.9	8.0	7.9	7.9	8.1	8.3	8.8	8.7	8.8	11.0	9.4	8.5	9.0
Wholesale and retail trade	9.2	9.0	9.4	10.0	9.6	9.4	8.5	8.1	8.0	8.4	7.4	7.6	7.7
Finance, insurance, and real estate	8.7	8.5	8.3	9.8	11.0	10.2	10.0	9.5	9.0	8.6	6.6	6.9	8.4
Services	8.9	8.8	8.7	9.1	8.9	7.8	7.0	6.8	7.6	7.4	7.2	7.6	8.3
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	7.6	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	5.6	6.4	7.1	6.2	6.1	7.0	5.3	5.4	5.0	5.9	5.6	5.6	7.9
1967 dollars	-5.8	-5.2	-4.1	-4.4	-3.8	-2.9	-3.8	-3.6	-4.2	-2.5	-2.1	-1.9	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-6.4	-5.9	-4.9	-5.0	-4.4	-3.7	.1	.2	-.4	1.3	1.7	1.9	(*)

1 Current month divided by same month and year earlier.  
2 Production and nonsupervisory workers.  
3 Computed from data that are not seasonally adjusted.

\* Not available.  
p = preliminary.

NOTE: See technical description at end of table C-17.

**C-16. Six-month changes in compensation, seasonally adjusted**

Measure	Percent change at annual rate over 6-month period <sup>1</sup> ending in—												
	1974		1975										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. <sup>P</sup>	Nov. <sup>P</sup>
Average hourly earnings, private nonfarm economy <sup>2</sup>	8.8	8.2	8.2	7.6	7.1	6.1	6.5	6.0	6.0	6.4	6.4	6.8	8.6
Mining	2.3	6.2	13.7	14.8	15.1	10.6	24.3	19.9	11.0	9.3	8.9	12.6	9.9
Contract construction	10.2	8.5	8.1	2.6	7.7	8.3	5.8	7.9	8.7	9.4	3.9	4.5	9.7
Manufacturing	11.9	10.2	9.7	8.6	8.6	7.1	7.1	7.0	7.4	7.8	6.9	7.3	7.7
Transportation and public utilities	10.0	9.1	8.7	9.8	8.5	6.2	8.0	8.3	8.7	12.7	10.3	11.0	9.9
Wholesale and retail trade	10.2	8.3	8.8	9.3	7.5	6.3	6.8	7.4	6.2	6.1	6.6	7.8	7.1
Finance, insurance, and real estate	9.8	7.4	8.6	9.0	8.9	8.9	8.8	10.9	8.7	8.1	4.0	5.0	7.4
Services	8.2	7.0	8.7	9.1	9.1	7.4	6.3	6.8	6.7	5.6	5.6	8.2	10.7
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	10.0	9.0	9.1	9.2	8.9	7.6	8.0	8.4	8.4	8.3	7.4	8.6	9.0
1967 dollars	-2.2	-2.9	-2.3	-1.1	-.4	-.2	1.3	1.7	.7	1.4	.2	1.1	(*)
Mining	8.9	12.7	13.7	14.6	13.5	11.4	15.8	12.2	10.7	9.8	10.0	11.8	9.3
Contract construction	9.8	8.7	8.6	2.7	7.8	7.9	6.2	7.6	8.4	9.5	4.3	4.8	9.6
Manufacturing	11.6	10.6	10.3	10.4	10.3	9.3	9.1	9.2	9.2	8.8	8.3	8.9	8.7
Transportation and public utilities	9.8	8.6	8.2	9.6	7.8	6.2	7.8	8.8	9.4	12.5	11.1	11.0	10.2
Wholesale and retail trade	9.4	8.0	8.8	8.8	7.8	6.7	7.6	8.1	7.2	8.0	7.1	8.4	7.8
Finance, insurance, and real estate	11.3	8.4	9.1	9.8	9.7	8.6	8.7	10.7	8.8	7.4	3.6	5.3	8.0
Services	7.8	6.3	8.6	9.0	8.6	6.7	6.3	7.3	6.5	5.9	5.8	8.4	10.3
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	6.7	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	5.9	6.5	5.2	4.7	3.6	2.6	4.8	4.3	4.8	7.0	7.6	8.6	11.1
1967 dollars	-5.9	-5.1	-5.8	-5.2	-4.5	-4.8	-1.7	-2.1	-2.6	.2	.3	1.2	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-6.5	-5.8	-6.3	-5.7	-4.9	-5.1	7.0	6.6	5.9	8.7	8.8	9.5	(*)

1 Current month divided by month 6 months earlier.  
2 Production and nonsupervisory workers.  
3 Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

\* Not available.  
p = preliminary.

NOTE: See technical description at end of table C-17.

## C-17. Average hourly or weekly compensation, seasonally adjusted

Measure	1974		1975										
	4th quarter		1st quarter			2d quarter			3d quarter			4th quarter	
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. <sup>P</sup>	Nov. <sup>P</sup>
<b>LEVELS</b>													
Average hourly earnings, private nonfarm economy <sup>1</sup>	\$4.35	\$4.38	\$4.41	\$4.43	\$4.46	\$4.47	\$4.49	\$4.51	\$4.54	\$4.57	\$4.60	\$4.62	\$4.68
Mining	5.22	5.38	5.62	5.71	5.76	5.71	5.82	5.89	5.92	5.97	6.01	6.06	6.10
Contract construction	6.96	7.00	7.03	6.98	7.18	7.18	7.16	7.27	7.33	7.30	7.32	7.34	7.50
Manufacturing	4.59	4.62	4.65	4.68	4.72	4.73	4.75	4.78	4.82	4.86	4.88	4.90	4.93
Transportation and public utilities	5.60	5.64	5.66	5.70	5.75	5.77	5.82	5.87	5.90	6.05	6.04	6.08	6.10
Wholesale and retail trade	3.59	3.60	3.63	3.67	3.67	3.68	3.71	3.73	3.74	3.78	3.79	3.82	3.84
Finance, insurance, and real estate	3.94	3.97	3.97	4.02	4.08	4.08	4.11	4.18	4.14	4.18	4.16	4.18	4.26
Services	3.89	3.91	3.93	3.97	3.99	3.99	4.01	4.04	4.06	4.08	4.10	4.15	4.22
Wage rates, hired farm labor (quarterly data)	-	-	2.33	-	-	(*)	-	-	(*)	-	-	(*)	-
<b>Average weekly earnings, private nonfarm economy:<sup>1</sup></b>													
Current dollars	157.47	158.99	159.64	159.92	160.11	160.47	161.19	162.36	163.44	165.43	166.06	167.24	169.88
1967 dollars	102.07	102.26	102.02	101.64	101.48	101.11	101.21	101.16	100.67	101.73	101.65	101.70	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	88.61	88.67	88.43	88.08	87.93	87.58	91.67	91.53	91.01	91.82	91.70	91.66	(*)
<b>INDEXES, 1967=100</b>													
<b>Average hourly compensation (quarterly data):</b>													
All persons, total private economy	169.7	-	-	173.8	-	-	177.1	-	-	180.0	-	-	(*)
<b>All employees, private nonfarm economy:</b>													
Current dollars	167.3	-	-	170.8	-	-	173.9	-	-	177.4	-	-	(*)
1967 dollars	108.5	-	-	108.6	-	-	109.0	-	-	109.0	-	-	(*)
<b>Average hourly earnings, private nonfarm economy,<sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:</b>													
Total, current dollars	164.2	165.4	166.3	167.8	169.1	169.4	170.6	172.2	173.1	174.6	175.2	176.5	178.1
1967 dollars	106.4	106.4	106.3	106.6	107.2	106.8	107.1	107.3	106.6	107.4	107.2	107.4	(*)
Mining	167.9	172.6	174.9	177.6	178.5	178.1	180.7	182.8	184.0	186.2	187.2	188.4	188.9
Contract construction	168.3	169.6	170.4	168.8	173.7	173.7	173.4	175.9	177.4	176.7	177.3	177.9	181.5
Manufacturing	162.5	163.6	164.8	166.1	167.7	168.6	169.7	171.0	172.2	173.3	174.5	176.0	176.9
Transportation and public utilities	172.7	173.6	174.3	175.6	176.8	177.6	179.3	181.1	182.4	186.2	186.3	187.1	188.2
Wholesale and retail trade	160.4	161.1	162.6	164.1	164.8	164.9	166.4	167.5	168.3	170.5	170.5	171.7	172.8
Finance, insurance, and real estate	153.9	155.0	154.9	157.3	159.8	159.4	160.4	163.1	161.5	163.0	162.6	163.5	166.7
Services	168.3	169.4	170.4	172.1	172.8	172.5	173.5	175.5	175.8	177.1	177.8	179.6	182.2
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	(*)	183.8	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Average union scales, 7 building trades (quarterly data):<sup>2</sup></b>													
Wages and selected benefits	-	-	189.7	-	-	191.0	-	-	201.3	-	-	203.9	-
Hourly wage rates	-	-	177.0	-	-	177.7	-	-	186.6	-	-	188.8	-

<sup>1</sup> Production and nonsupervisory workers.

\* Not available.

<sup>2</sup> Not seasonally adjusted.

p = preliminary.

## Technical description covering tables C-12 through C-17

Characteristics	Average hourly compensation	Average hourly and weekly earnings	Union scales, building trades	Wage rates, hired farm labor
Reference period and source	Basic time series consists of quarterly averages. Data are developed by BLS from Department of Commerce estimates of compensation and BLS hour estimates.	Basic time series consists of averages for payroll period including 12th of month. Monthly data have been summed and divided by 3 to obtain quarterly averages. Private industry data obtained by BLS from a stratified probability sample of establishments. Federal data obtained from the Civil Service Commission. Published by BLS monthly in <i>Employment and Earnings</i> .	Basic time series consists of wage rates and selected benefits as of January 1, April 1, July 1, and October 1. Data obtained by BLS from local union officials and union agreements. Published quarterly in press releases.	Basic time series consists of rates as of week preceding January 1, April 1, July 1, and October 1. Data obtained by Department of Agriculture from a sample survey of farm operators and published quarterly in <i>Farm Labor</i> by USDA.
Type of compensation	Compensation is the total of wages and salaries plus supplements to wages and salaries (according to National Income Accounts definitions) per hour paid for.	Basic series consists of regular hourly payroll expenditures before deductions, i.e., straight-time hourly earnings plus premium and incentive pay. Series adjusted for overtime and interindustry employment shifts excludes overtime premiums in manufacturing only. Weekly earnings in 1967 dollars adjust earnings for price changes while spendable earnings adjust for price and Federal income and social security tax changes.	Compensation is, in the case of wage scales, minimum wage rates (excluding premium pay for holiday, vacation, or overtime) agreed upon in collective bargaining. In the case of wages and selected benefits, it is wages, as defined above, plus employer payments to health and welfare, pension, and vacation funds.	Compensation is cash payments to worker, exclusive of perquisites such as room or board.
Type of worker	1. Total private economy: All persons, i.e., all employees and imputed compensation of self employed. 2. Nonfarm economy: All nonfarm employees including government enterprise and private household workers.	1. Private: Production and related workers in mining and manufacturing; construction workers in contract construction; and nonsupervisory workers in all other industries. 2. Federal Executive Branch: All workers, supervisory and nonsupervisory.	Unionized building trades workers in continental United States cities of 100,000 population or more in the following seven trades: Bricklayers, building laborers, carpenters, electricians, painters, plasterers, and plumbers.	Hired farm workers defined as those working only for wages, for 1 hour or more on farm during survey week.

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

100

**C-18. Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
<b>ALABAMA</b>	\$156.36	\$170.47	\$169.66	40.3	40.3	40.3	\$ 3.88	\$ 4.23	\$ 4.21
Birmingham	188.14	211.15	200.19	40.2	41.0	39.1	4.68	5.15	5.12
Mobile	192.14	200.59	202.29	41.5	39.8	39.9	4.63	5.04	5.07
<b>ALASKA</b>	298.96	336.27	(*)	40.4	38.3	(*)	7.40	8.78	(*)
<b>ARIZONA</b>	173.64	194.64	191.98	38.5	39.4	39.1	4.51	4.94	4.91
Phoenix	175.18	195.72	189.73	38.5	39.7	38.8	4.55	4.93	4.89
Tucson	177.56	197.31	192.45	38.6	39.7	38.8	4.60	4.97	4.96
<b>ARKANSAS</b>	134.01	145.56	146.37	39.3	40.1	40.1	3.41	3.63	3.65
Fayetteville-Springdale	124.26	134.87	135.09	39.7	40.5	39.5	3.13	3.33	3.42
Fort Smith	132.74	144.74	144.76	38.7	38.7	38.5	3.43	3.74	3.76
Little Rock-North Little Rock	153.14	162.76	163.83	40.3	39.6	39.1	3.80	4.11	4.19
Pine Bluff	162.41	179.93	178.55	40.4	39.2	38.9	4.02	4.59	4.59
<b>CALIFORNIA</b>	193.34	212.93	211.20	39.7	40.1	39.7	4.87	5.31	5.32
Anaheim-Santa Ana-Garden Grove	181.94	199.49	200.79	39.9	40.3	40.4	4.56	4.95	4.97
Bakersfield	194.22	212.74	211.73	39.8	40.6	40.1	4.88	5.24	5.28
Fresno	173.17	187.40	195.46	39.9	38.8	40.3	4.34	4.83	4.85
Los Angeles-Long Beach	183.68	198.30	200.20	39.5	39.9	40.2	4.65	4.97	4.98
Modesto	177.77	223.42	187.25	38.9	42.8	36.5	4.57	5.22	5.13
Oxnard-Simi Valley-Ventura	166.10	182.05	194.62	38.9	38.9	40.8	4.27	4.68	4.77
Riverside-San Bernardino-Ontario	194.31	211.73	209.48	39.9	40.1	39.9	4.87	5.28	5.25
Sacramento	199.66	246.51	219.22	37.6	43.4	38.8	5.31	5.68	5.65
Salinas-Seaside-Monterey	184.16	199.29	190.38	39.1	39.7	38.0	4.71	5.02	5.01
San Diego	193.52	202.54	201.55	40.4	38.8	38.1	4.79	5.22	5.29
San Francisco-Oakland	225.79	251.70	252.31	39.2	39.7	39.3	5.76	6.34	6.42
San Jose	200.19	232.47	228.31	39.8	41.0	39.5	5.03	5.67	5.78
Santa Barbara-Santa Maria-Lompoc	164.05	184.06	183.14	37.8	40.1	39.9	4.34	4.59	4.59
Santa Rosa	167.99	185.84	191.65	36.6	36.8	37.8	4.59	5.05	5.07
Stockton	198.75	245.95	231.99	37.5	42.7	40.7	5.30	5.76	5.70
Vallejo-Fairfield-Napa	205.39	216.06	221.13	38.9	39.0	39.7	5.28	5.54	5.57
<b>COLORADO</b>	185.57	206.68	204.34	39.4	39.9	39.6	4.71	5.18	5.16
Denver-Boulder	189.21	209.60	207.11	39.5	40.0	39.6	4.79	5.24	5.23
<b>CONNECTICUT</b>	187.54	197.55	198.85	41.4	40.9	41.0	4.53	4.83	4.85
Bridgeport	186.97	190.81	190.81	42.3	41.3	41.3	4.42	4.62	4.62
Hartford	200.60	218.40	223.55	42.5	41.6	42.1	4.72	5.25	5.31
New Britain	189.78	197.62	201.28	40.9	41.0	41.5	4.64	4.82	4.85
New Haven	178.13	192.88	194.97	40.3	40.1	40.2	4.42	4.81	4.85
Stamford	204.26	201.19	201.30	41.6	40.4	40.1	4.91	4.98	5.02
Waterbury	164.37	173.05	173.43	41.3	41.3	41.0	3.98	4.19	4.23
<b>DELAWARE</b>	196.18	218.82	219.10	40.2	41.6	40.8	4.88	5.26	5.37
Wilmington	222.46	238.95	241.38	40.3	40.5	40.5	5.52	5.90	5.96
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA	205.34	211.20	202.90	38.5	38.4	38.5	5.33	5.50	5.27
<b>FLORIDA</b>	152.42	162.76	165.22	39.9	39.6	40.2	3.82	4.11	4.11
Fort Lauderdale-Hollywood	157.95	157.53	158.26	40.5	38.8	38.6	3.90	4.06	4.10
Jacksonville	174.83	205.00	208.15	39.2	41.0	41.3	4.46	5.00	5.04
Miami	139.23	141.64	145.80	39.0	38.7	39.3	3.57	3.66	3.71
Orlando	158.28	164.02	160.39	38.7	40.3	39.7	4.09	4.07	4.04
Pensacola	204.88	202.58	206.85	43.5	39.8	40.4	4.71	5.09	5.12
Tampa-St. Petersburg	163.60	176.48	172.46	40.0	40.2	40.2	4.09	4.39	4.29
West Palm Beach-Boca Raton	191.68	200.64	207.90	41.4	41.8	42.0	4.63	4.80	4.95
<b>GEORGIA</b>	145.76	159.96	162.41	39.5	40.6	40.5	3.69	3.94	4.01
Atlanta	174.44	187.23	190.90	39.2	39.5	39.2	4.45	4.74	4.87
Savannah	187.88	201.54	200.60	42.7	42.7	42.5	4.40	4.72	4.72

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**
**C-18. Gross hours and earnings of production workers on manufacturing payrolls,  
 by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
HAWAII .....	\$178.70	\$184.60	\$191.18	39.8	38.7	39.5	\$4.49	\$4.77	\$4.84
Honolulu .....	171.00	176.15	185.96	38.0	37.4	38.5	4.50	4.71	4.83
IDAHO .....	178.15	201.69	200.08	39.5	41.5	42.3	4.51	4.86	4.73
ILLINOIS .....	205.76	221.52	(*)	40.6	40.3	(*)	5.07	5.50	(*)
Chicago SMSA .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Davenport—Rock Island—Moline .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Decatur .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Peoria .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Rockford .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Springfield .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDIANA .....	212.45	225.84	223.91	40.7	40.4	39.7	5.22	5.59	5.64
Indianapolis .....	213.31	225.99	(*)	41.1	40.5	(*)	5.19	5.58	(*)
IOWA .....	210.02	220.30	221.35	41.1	40.2	40.1	5.11	5.48	5.52
Cedar Rapids .....	211.84	222.35	226.03	41.7	40.5	40.8	5.08	5.49	5.54
Des Moines .....	226.46	234.18	236.80	41.4	40.1	40.0	5.47	5.84	5.92
Dubuque .....	265.37	258.73	276.35	41.4	39.5	40.7	6.41	6.55	6.79
Sioux City .....	168.78	197.57	184.14	38.8	39.2	37.2	4.35	5.04	4.95
Waterloo—Cedar Falls .....	270.67	268.66	270.28	43.1	40.4	40.4	6.28	6.65	6.69
KANSAS .....	183.93	197.65	199.73	41.7	41.3	41.7	4.41	4.78	4.79
Topeka .....	205.28	209.39	209.17	42.6	42.6	42.2	4.81	4.92	4.96
Wichita .....	201.16	227.81	223.88	42.9	43.3	42.5	4.69	5.27	5.27
KENTUCKY .....	176.67	186.68	185.81	39.7	39.3	39.2	4.45	4.75	4.74
Louisville .....	212.26	227.21	(*)	40.2	40.5	(*)	5.28	5.61	(*)
LOUISIANA .....	181.65	200.09	196.06	40.1	39.7	38.9	4.53	5.04	5.04
Baton Rouge .....	236.02	251.30	253.68	41.7	41.4	42.0	5.66	6.07	6.04
New Orleans .....	186.50	205.84	197.20	40.9	41.5	40.0	4.56	4.96	4.93
Shreveport .....	167.16	185.23	185.44	39.8	40.8	40.4	4.20	4.54	4.59
MAINE .....	145.08	158.34	156.81	40.3	40.6	39.9	3.60	3.90	3.93
Lewiston—Auburn .....	121.60	130.93	134.64	38.0	39.2	39.6	3.20	3.34	3.40
Portland .....	152.80	164.82	165.97	40.0	40.2	39.8	3.82	4.10	4.17
MARYLAND .....	190.32	202.52	201.33	39.9	39.4	39.4	4.77	5.14	5.11
Baltimore .....	198.09	213.44	212.26	40.1	39.6	39.6	4.94	5.39	5.36
MASSACHUSETTS .....	169.12	180.24	179.08	39.7	39.7	39.1	4.26	4.54	4.58
Boston <sup>1</sup> .....	185.20	199.60	195.82	40.0	40.0	39.4	4.63	4.99	4.97
Brockton <sup>1</sup> .....	137.59	145.54	147.03	37.8	37.9	37.7	3.64	3.84	3.90
Fall River <sup>1</sup> .....	113.21	131.77	129.95	34.1	36.5	35.7	3.32	3.61	3.64
Lawrence—Haverhill <sup>1</sup> .....	169.42	175.11	175.76	39.4	39.0	38.8	4.30	4.49	4.53
Lowell <sup>1</sup> .....	147.07	161.07	159.74	38.1	39.0	38.4	3.86	4.13	4.16
New Bedford <sup>1</sup> .....	142.50	152.47	146.37	37.6	38.6	36.5	3.79	3.95	4.01
Springfield—Chicopee—Holyoke <sup>1</sup> .....	170.80	183.06	182.00	40.0	40.5	40.0	4.27	4.52	4.55
Worcester <sup>1</sup> .....	179.78	181.63	177.56	40.4	39.4	38.6	4.45	4.61	4.60
MICHIGAN .....	248.35	261.58	261.05	42.2	41.6	41.0	5.89	6.29	6.37
Ann Arbor .....	275.47	278.22	282.70	43.3	41.7	41.5	6.36	6.67	6.81
Battle Creek .....	245.83	272.45	269.36	41.9	42.3	42.2	5.87	6.44	6.38
Bay City .....	255.89	273.56	275.87	46.5	45.7	44.9	5.50	5.99	6.14
Detroit .....	266.86	279.33	276.07	42.5	42.1	41.1	6.28	6.64	6.72
Flint .....	286.92	297.32	304.96	43.4	42.7	43.0	6.61	6.96	7.09
Grand Rapids .....	205.34	215.14	215.01	41.1	40.7	40.4	5.00	5.29	5.32
Jackson .....	226.88	234.31	226.98	42.4	40.8	39.8	5.35	5.74	5.70
Kalamazoo—Portage .....	216.81	236.57	237.35	41.4	41.2	41.1	5.24	5.74	5.78
Lansing—East Lansing .....	261.63	276.79	277.22	42.5	41.9	41.5	6.16	6.61	6.68
Muskegon—Norton Shores—Musk. Hgts .....	215.70	218.29	225.50	41.6	39.9	40.8	5.19	5.47	5.53
Saginaw .....	276.56	312.43	311.96	42.3	42.6	42.1	6.54	7.33	7.41

See footnotes at end of table.

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

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**C-18. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
<b>MINNESOTA</b> .....	\$194.65	\$202.80	\$205.49	40.3	40.0	39.9	\$4.83	\$5.07	\$5.15
Duluth-Superior .....	189.20	203.52	204.83	41.4	40.3	40.4	4.57	5.05	5.07
Minneapolis-St. Paul .....	210.42	221.65	222.86	40.7	40.3	40.3	5.17	5.50	5.53
<b>MISSISSIPPI</b> .....	129.56	144.32	145.84	39.5	40.2	40.4	3.28	3.59	3.61
Jackson .....	136.35	151.29	149.85	40.7	41.0	40.5	3.35	3.69	3.70
<b>MISSOURI</b> .....	177.06	193.03	191.66	39.0	39.8	39.6	4.54	4.85	4.84
Kansas City .....	206.04	214.24	216.66	40.4	39.6	39.9	5.10	5.41	5.43
St. Joseph .....	164.41	200.00	192.76	40.1	40.9	41.1	4.10	4.89	4.69
St. Louis .....	203.45	222.88	223.07	39.2	39.8	39.6	5.19	5.60	5.63
Springfield .....	159.20	165.45	165.17	39.9	39.3	39.8	3.99	4.21	4.15
<b>MONTANA</b> .....	195.83	211.07	202.58	38.1	38.1	36.9	5.14	5.54	5.49
<b>NEBRASKA</b> .....	172.23	189.96	186.53	40.9	41.5	40.9	4.21	4.58	4.57
Lincoln .....	159.50	177.60	174.74	38.7	40.1	39.7	4.12	4.43	4.41
Omaha .....	184.47	211.57	206.14	40.1	42.3	41.2	4.60	5.01	5.00
<b>NEVADA</b> .....	186.85	196.56	201.74	37.9	37.8	38.5	4.93	5.20	5.24
Las Vegas .....	228.54	248.18	(*)	39.0	39.9	(*)	5.86	6.22	(*)
<b>NEW HAMPSHIRE</b> .....	146.98	160.39	159.59	39.3	39.7	39.6	3.74	4.04	4.03
Manchester .....	133.06	148.57	148.18	37.8	39.2	39.2	3.52	3.79	3.78
<b>NEW JERSEY</b> .....	192.76	206.50	209.25	41.1	41.3	41.6	4.69	5.00	5.03
Atlantic City .....	152.15	152.31	153.79	37.2	36.7	35.6	4.09	4.15	4.32
Camden <sup>2</sup> .....	180.29	189.53	187.78	39.8	39.9	39.7	4.53	4.75	4.73
Hackensack <sup>3</sup> .....	188.73	198.77	206.04	40.5	40.4	40.8	4.66	4.92	5.05
Jersey City <sup>3</sup> .....	188.28	195.62	197.88	41.2	40.5	40.8	4.57	4.83	4.85
Newark <sup>3</sup> .....	199.33	215.98	219.65	41.7	42.6	42.9	4.78	5.07	5.12
New Brunswick-Perth Amboy-Sayreville <sup>3</sup> .....	208.24	218.97	220.99	41.9	40.7	41.0	4.97	5.38	5.39
Paterson-Clifton-Passaic <sup>3</sup> .....	182.25	198.79	199.62	40.5	41.5	41.5	4.50	4.79	4.81
Trenton .....	207.15	233.90	245.16	42.8	44.3	45.4	4.84	5.28	5.40
<b>NEW MEXICO</b> .....	131.09	146.22	149.88	38.9	39.2	40.4	3.37	3.73	3.71
Albuquerque .....	133.28	150.15	148.92	38.3	39.0	40.8	3.48	3.85	3.65
<b>NEW YORK</b> .....	184.93	194.93	196.61	39.6	39.3	39.4	4.67	4.96	4.99
Albany-Schenectady-Troy .....	196.05	205.93	207.36	41.1	40.3	40.5	4.77	5.11	5.12
Binghamton .....	180.74	196.18	197.35	40.8	41.3	41.2	4.43	4.75	4.79
Buffalo .....	234.58	246.44	247.04	41.3	40.6	40.3	5.68	6.07	6.13
Elmira .....	176.92	184.32	190.80	40.3	39.3	40.0	4.39	4.69	4.77
Monroe County <sup>4</sup> .....	234.08	245.74	248.21	42.1	41.3	41.3	5.56	5.95	6.01
Nassau-Suffolk <sup>5</sup> .....	177.06	190.30	191.18	39.7	39.4	39.5	4.46	4.83	4.84
New York-Northeastern New Jersey .....	180.06	191.42	(*)	39.4	39.6	(*)	4.57	4.84	(*)
New York and Nassau-Suffolk <sup>3</sup> .....	169.10	178.22	180.21	38.0	38.0	38.1	4.45	4.69	4.73
New York SMSA <sup>5</sup> .....	167.32	176.15	178.13	37.6	37.8	37.9	4.45	4.66	4.70
New York City <sup>6</sup> .....	166.06	175.13	176.72	37.4	37.5	37.6	4.44	4.67	4.70
Poughkeepsie .....	196.41	202.07	204.62	41.7	39.7	40.2	4.71	5.09	5.09
Rochester .....	221.34	231.65	233.86	42.0	41.0	41.1	5.27	5.65	5.69
Rockland County <sup>6</sup> .....	180.62	192.28	194.74	42.3	41.8	41.7	4.27	4.60	4.67
Syracuse .....	204.26	206.65	209.92	41.6	40.6	41.0	4.91	5.09	5.12
Utica-Rome .....	165.98	176.27	177.51	39.9	39.7	39.8	4.16	4.44	4.46
Westchester County <sup>6</sup> .....	180.97	183.53	184.71	39.6	39.3	39.3	4.57	4.67	4.70
<b>NORTH CAROLINA</b> .....	130.08	143.16	144.36	38.6	40.1	40.1	3.37	3.57	3.60
Asheville .....	126.99	139.35	143.78	38.6	39.7	40.5	3.29	3.51	3.55
Charlotte-Gastonia .....	130.32	143.42	148.01	38.9	40.4	41.0	3.35	3.55	3.61
Greensboro-Winston-Salem-High Point .....	144.69	156.01	155.23	39.0	39.9	39.7	3.71	3.91	3.91
Raleigh-Durham .....	146.61	156.81	155.62	39.2	39.8	39.2	3.74	3.94	3.97
<b>NORTH DAKOTA</b> .....	160.74	177.97	182.62	40.9	39.2	39.7	3.93	4.54	4.60
Fargo-Moorhead .....	171.55	193.93	185.60	38.9	41.0	37.8	4.41	4.73	4.91

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**
**C-18. Gross hours and earnings of production workers on manufacturing payrolls,  
 by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
<b>OHIO</b> .....	\$220.66	\$231.90	\$232.97	41.4	40.9	40.8	\$5.33	\$5.67	\$5.71
Akron .....	238.40	244.61	244.50	42.8	41.6	41.3	5.57	5.88	5.92
Canton .....	207.90	229.07	231.24	38.5	39.7	39.8	5.40	5.77	5.81
Cincinnati .....	203.61	218.06	220.48	41.3	41.3	41.6	4.93	5.28	5.30
Cleveland .....	231.08	234.03	237.46	42.4	40.7	40.8	5.45	5.75	5.82
Columbus .....	196.50	215.87	216.66	39.3	40.2	39.9	5.00	5.37	5.43
Dayton .....	240.40	251.66	250.80	42.7	42.8	41.8	5.63	5.88	6.00
Toledo .....	233.38	241.78	243.90	41.9	41.4	41.2	5.57	5.84	5.92
Youngstown—Warren .....	249.49	256.62	263.74	40.7	39.0	39.6	6.13	6.58	6.66
<b>OKLAHOMA</b> .....	166.05	184.87	179.65	40.5	40.9	40.1	4.10	4.52	4.48
Oklahoma City .....	167.20	185.54	186.41	40.0	40.6	40.7	4.18	4.57	4.58
Tulsa .....	182.91	205.00	202.19	40.2	41.0	40.6	4.55	5.00	4.98
<b>OREGON</b> .....	193.40	220.52	215.65	37.7	39.1	37.9	5.13	5.64	5.69
Eugene—Springfield .....	190.25	236.00	231.21	36.1	40.0	38.6	5.27	5.90	5.99
Jackson County .....	181.80	220.56	(*)	35.3	38.9	(*)	5.15	5.67	(*)
Portland .....	199.31	217.88	219.63	38.7	38.7	38.6	5.15	5.63	5.69
<b>PENNSYLVANIA</b> .....	183.85	198.12	195.94	39.2	39.0	38.8	4.69	5.08	5.05
Allentown—Bethlehem—Easton .....	179.80	198.27	196.98	38.5	38.8	38.7	4.67	5.11	5.09
Altoona .....	149.34	162.16	160.32	38.0	37.8	37.9	3.93	4.29	4.23
Delaware Valley .....	188.47	209.86	209.08	40.1	39.3	39.3	4.70	5.34	5.32
Erie .....	199.66	211.09	209.30	42.3	41.8	41.2	4.72	5.05	5.08
Harrisburg .....	170.71	181.43	178.42	39.7	39.7	39.3	4.30	4.57	4.54
Johnstown .....	196.26	231.71	216.23	37.1	37.8	36.9	5.29	6.13	5.86
Lancaster .....	161.02	176.71	177.16	38.8	39.8	39.9	4.15	4.44	4.44
Northeast Pennsylvania .....	137.59	145.27	145.70	36.4	36.5	36.7	3.78	3.98	3.97
Philadelphia SMSA .....	187.20	206.72	205.93	40.0	39.3	39.3	4.68	5.26	5.24
Pittsburgh .....	224.81	238.12	235.59	40.8	39.1	39.2	5.51	6.09	6.01
Reading .....	168.14	177.97	177.12	38.3	39.2	39.1	4.39	4.54	4.53
Scranton .....	136.14	144.94	144.60	36.4	36.6	36.7	3.74	3.96	3.94
Wilkes-Barre—Hazleton .....	133.18	141.51	141.54	35.8	36.1	36.2	3.72	3.92	3.91
Williamsport .....	167.63	177.24	181.09	40.2	39.3	39.8	4.17	4.51	4.55
York .....	168.51	182.04	184.64	41.2	41.0	41.4	4.09	4.44	4.46
<b>RHODE ISLAND</b> .....	144.67	150.54	150.93	39.1	38.8	39.0	3.70	3.88	3.87
Providence—Warwick—Pawtucket .....	146.52	151.32	151.32	39.6	39.0	39.1	3.70	3.88	3.87
<b>SOUTH CAROLINA</b> .....	133.43	149.74	151.74	38.9	40.8	40.9	3.43	3.67	3.71
Charleston .....	155.88	168.91	168.09	40.7	40.7	40.7	3.83	4.15	4.13
Columbia .....	140.70	150.35	148.90	40.2	40.2	39.6	3.50	3.74	3.76
Greenville—Spartanburg .....	133.21	149.00	153.30	38.5	40.6	41.1	3.46	3.67	3.73
<b>SOUTH DAKOTA</b> .....	159.51	176.81	172.63	40.9	41.8	41.2	3.90	4.23	4.19
Sioux Falls .....	220.12	228.96	232.09	45.2	43.2	43.3	4.87	5.30	5.36
<b>TENNESSEE</b> .....	149.17	162.77	161.58	40.1	41.0	40.7	3.72	3.97	3.97
Chattanooga .....	153.25	176.40	176.81	39.6	41.8	41.8	3.87	4.22	4.23
Knoxville .....	176.66	185.81	181.65	40.8	41.2	40.1	4.33	4.51	4.53
Memphis .....	178.70	191.09	187.60	40.8	40.4	40.0	4.38	4.73	4.69
Nashville—Davidson .....	155.62	165.57	167.23	39.7	39.8	40.2	3.92	4.16	4.16
<b>TEXAS</b> .....	171.75	191.53	191.47	40.7	41.1	41.0	4.22	4.66	4.67
Amarillo .....	157.57	165.53	170.49	40.3	39.6	40.4	3.91	4.18	4.22
Austin .....	145.60	168.42	162.35	40.9	42.0	41.1	3.56	4.01	3.95
Beaumont—Port Arthur—Orange .....	233.04	252.68	246.71	41.1	40.3	39.6	5.67	6.27	6.23
Corpus Christi .....	194.52	197.69	202.86	41.3	40.1	40.9	4.71	4.93	4.96
Dallas—Fort Worth .....	162.35	176.61	177.86	39.5	40.6	40.7	4.11	4.35	4.37
El Paso .....	120.96	145.25	145.56	38.4	40.8	40.1	3.15	3.56	3.63
Galveston—Texas City .....	272.87	294.69	306.61	43.8	43.4	44.5	6.23	6.79	6.89
Houston .....	211.50	230.78	232.29	42.9	42.5	42.7	4.93	5.43	5.44
Lubbock .....	123.07	146.08	143.92	38.7	41.5	40.2	3.18	3.52	3.58
San Antonio .....	136.21	150.06	151.68	41.4	41.8	41.9	3.29	3.59	3.62
Waco .....	149.23	171.38	171.78	39.9	41.8	42.0	3.74	4.10	4.09
Wichita Falls .....	133.28	170.45	165.95	39.2	40.2	39.7	3.40	4.24	4.18
<b>UTAH</b> .....	156.00	154.33	155.07	39.0	38.2	38.1	4.00	4.04	4.07
Salt Lake City—Ogden .....	160.38	157.78	157.12	40.5	38.8	38.7	3.96	4.07	4.06

See footnotes at end of table.

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

**C-18. Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>	Oct. 1974	Sept. 1975	Oct. 1975 <sup>P</sup>
<b>VERMONT</b> .....	\$157.49	\$168.10	\$168.09	40.8	40.9	40.7	\$3.86	\$4.11	\$4.13
Burlington .....	176.34	195.53	195.43	41.2	42.6	42.3	4.28	4.59	4.62
Springfield .....	187.00	182.96	183.71	42.5	40.3	40.2	4.40	4.54	4.57
<b>VIRGINIA</b> .....	149.65	162.01	164.02	39.8	40.2	40.4	3.76	4.03	4.06
Lynchburg .....	149.65	161.20	165.24	41.0	39.9	40.9	3.65	4.04	4.04
Norfolk—Virginia Beach—Portsmouth .....	149.62	165.63	165.62	39.9	41.1	40.2	3.75	4.03	4.12
Northern Virginia <sup>10</sup> .....	190.88	204.32	203.38	40.1	40.3	39.8	4.76	5.07	5.11
Richmond .....	167.27	190.76	193.99	38.9	40.5	41.1	4.30	4.71	4.72
Roanoke .....	136.96	144.51	146.40	39.7	39.7	40.0	3.45	3.64	3.66
<b>WASHINGTON</b> .....	210.99	230.10	235.22	39.0	39.0	39.4	5.41	5.90	5.97
Seattle—Everett .....	220.02	235.01	244.80	39.5	39.3	40.0	5.57	5.98	6.12
Spokane .....	201.10	210.53	212.08	40.3	38.7	38.7	4.99	5.44	5.48
Tacoma .....	205.47	230.50	228.86	37.7	39.2	38.4	5.45	5.88	5.96
<b>WEST VIRGINIA</b> .....	186.59	193.05	195.22	39.7	39.0	39.2	4.70	4.95	4.98
Charleston .....	218.82	233.80	234.26	42.0	41.9	40.6	5.21	5.58	5.77
Huntington—Ashland .....	200.66	210.92	212.95	39.5	38.7	38.3	5.08	5.45	5.56
Wheeling .....	196.94	207.25	204.22	41.2	40.4	39.5	4.78	5.13	5.17
<b>WISCONSIN</b> .....	205.31	217.19	218.74	41.1	41.1	40.6	5.00	5.28	5.39
Appleton—Oshkosh .....	198.16	207.64	211.43	42.1	41.5	41.6	4.70	5.01	5.08
Green Bay .....	208.94	219.61	219.90	42.9	42.3	41.5	4.87	5.20	5.30
Kenosha .....	274.58	267.62	267.75	43.0	40.8	40.2	6.39	6.56	6.66
La Crosse .....	165.84	181.22	183.47	40.6	40.5	40.3	4.09	4.48	4.55
Madison .....	225.29	234.65	234.92	41.2	40.6	39.9	5.47	5.78	5.89
Milwaukee .....	222.28	237.65	236.40	40.9	40.5	40.1	5.43	5.87	5.89
Racine .....	216.68	237.45	240.53	40.3	40.0	40.3	5.38	5.94	5.97
<b>WYOMING</b> .....	204.40	226.55	235.48	41.8	40.6	42.2	4.89	5.58	5.58
Casper .....	224.13	260.10	252.61	40.9	41.0	40.2	5.48	6.35	6.28
Cheyenne .....	178.08	187.09	187.82	31.8	30.7	30.4	5.60	6.09	6.18

<sup>1</sup> Data for 1975 not strictly comparable with earlier years due to change in area definition.

<sup>2</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>3</sup> Subarea of New York—Northeastern New Jersey.

<sup>4</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>5</sup> Area included in New York and Nassau—Suffolk combined SMSA's.

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

<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>8</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

<sup>9</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

<sup>10</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

\* Not available.

<sup>P</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

## D-1. Labor turnover rates in manufacturing 1963 to date

[Per 100 employees]

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
1963	3.9	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5
1964	4.0	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6
1965	4.3	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1
1966	5.0	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9
1967	4.4	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8
1968	4.6	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1
1969	4.7	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6	2.9
1970	4.0	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4
1971	3.9	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5
1972	4.4	4.1	3.7	4.0	4.0	4.9	5.3	4.6	6.0	5.3	4.8	3.6	2.7
1973	4.8	4.6	4.0	4.4	4.5	5.3	5.9	5.1	6.2	5.7	5.2	3.8	2.6
1974	4.2	4.2	3.6	4.0	4.4	5.1	5.4	4.8	5.4	4.9	3.8 <sup>p</sup>	2.4	1.8
1975	-	3.0	2.7	3.2	3.7	3.9	4.5	4.5	5.1	4.6	3.7 <sup>p</sup>		
New hires													
1963	2.4	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4
1964	2.6	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6
1965	3.1	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2
1966	3.8	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1
1967	3.3	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0
1968	3.5	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2
1969	3.7	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1
1970	2.8	2.9	2.5	2.6	2.6	2.8	3.9	3.0	3.5	3.4	2.7	1.9	1.4
1971	2.6	2.0	1.9	2.2	2.3	2.7	3.5	2.7	3.4	3.4	2.7	2.2	1.6
1972	3.3	2.6	2.4	2.7	2.9	3.6	4.1	3.4	4.4	4.3	3.8	2.9	2.0
1973	3.9	3.5	3.1	3.5	3.6	4.4	5.0	4.1	5.0	4.7	4.3	3.0	2.0
1974	3.2	3.2	2.7	3.0	3.3	3.9	4.3	3.7	4.2	3.9	2.9 <sup>p</sup>	1.7	1.0
1975	-	1.3	1.2	1.3	1.6	2.0	2.5	2.6	3.1	3.0	2.5 <sup>p</sup>		
Total separations													
1963	3.9	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7
1964	3.9	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7
1965	4.1	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1
1966	4.6	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2
1967	4.6	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9
1968	4.6	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8
1969	4.9	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2
1970	4.8	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1
1971	4.2	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8
1972	4.2	4.0	3.5	3.8	3.8	3.9	4.2	4.8	5.4	5.3	4.3	3.7	3.7
1973	4.6	4.3	3.7	4.2	4.1	4.4	4.5	5.1	6.5	5.7	4.9	4.2	3.9
1974	4.8	4.9	4.0	4.4	4.2	4.4	4.2	4.9	6.1	5.4	5.0 <sup>p</sup>	5.0	5.2
1975	-	6.2	4.5	4.2	4.0	3.9	3.6	4.4	4.6	4.3	4.0 <sup>p</sup>		
Quits													
1963	1.4	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8
1964	1.5	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0
1965	1.9	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4
1966	2.6	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7
1967	2.3	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5
1968	2.5	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6
1969	2.7	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6
1970	2.1	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2
1971	1.8	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	2.0	1.5	1.2
1972	2.2	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.5	2.5	1.9	1.6
1973	2.7	2.2	2.1	2.5	2.5	2.7	2.8	2.8	4.5	3.9	3.0	2.2	1.6
1974	2.3	2.2	1.9	2.3	2.4	2.6	2.5	2.5	4.0	3.2	2.2 <sup>p</sup>	1.4	.9
1975	-	1.1	.9	1.0	1.1	1.3	1.3	1.5	2.4	2.0	1.6 <sup>p</sup>		
Layoffs													
1963	1.8	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3
1964	1.7	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1
1965	1.4	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9
1966	1.2	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7
1967	1.4	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6
1968	1.2	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4
1969	1.2	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8
1970	1.8	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2
1971	1.6	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8
1972	1.1	1.4	1.1	1.1	1.0	.8	1.1	1.7	.9	.9	.9	1.0	1.3
1973	.9	1.0	.7	.8	.7	.6	.6	1.4	.8	.7	.8	1.1	1.5
1974	1.5	1.7	1.2	1.1	.9	.8	.8	1.4	1.1	1.2	1.8	2.8	3.6
1975	-	4.1	2.9	2.5	2.1	1.8	1.5	2.0	1.3	1.4	1.6 <sup>p</sup>		

<sup>p</sup>=preliminary.



**ESTABLISHMENT DATA  
LABOR TURNOVER**

**D-2. Labor turnover rates, by industry**

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>
-	<b>MANUFACTURING</b>	4.6	3.7	3.0	2.5	4.3	4.0	2.0	1.6	1.4	1.6
19,24,25,32-39	<b>DURABLE GOODS</b>	3.9	3.1	2.3	1.9	3.7	3.7	1.5	1.2	1.3	1.6
20-23,26-31	<b>NONDURABLE GOODS</b>	5.5	4.5	4.0	3.2	5.1	4.5	2.8	2.1	1.5	1.6
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b>	1.8	-	1.0	-	2.7	-	0.7	-	1.3	-
192	Ammunition, except for small arms	1.7	-	.8	-	2.9	-	.5	-	1.7	-
24	<b>LUMBER AND WOOD PRODUCTS</b>	5.9	4.5	4.9	3.7	6.2	5.6	3.8	2.8	1.4	1.8
242	Sawmills and planing mills	5.8	-	4.6	-	5.8	-	3.7	-	1.1	-
2421	Sawmills and planing mills, general	5.2	-	4.2	-	5.7	-	3.6	-	1.1	-
243	Millwork, plywood and related products	5.8	-	5.0	-	6.2	-	3.8	-	1.4	-
2431	Millwork	6.7	-	6.0	-	6.6	-	4.0	-	1.6	-
2432	Veneer and plywood	5.2	-	4.4	-	5.2	-	3.8	-	.4	-
244	Wooden containers	9.1	-	8.6	-	9.4	-	5.4	-	3.2	-
2441,2	Wooden boxes, shooks, and crates	7.9	-	7.4	-	9.7	-	5.0	-	3.9	-
249	Miscellaneous wood products	6.7	-	5.4	-	6.4	-	3.7	-	1.6	-
25	<b>FURNITURE AND FIXTURES</b>	7.2	5.4	5.7	4.4	5.3	5.1	3.3	2.8	.9	1.3
251	Household furniture	8.0	-	6.6	-	5.5	-	3.8	-	.6	-
2511	Wood household furniture	7.7	-	6.8	-	5.4	-	3.9	-	.4	-
2512	Upholstered household furniture	6.5	-	5.8	-	4.6	-	3.3	-	.4	-
2515	Mattresses and bedsprings	7.3	-	6.4	-	5.3	-	3.7	-	.6	-
252	Office furniture	4.4	-	2.4	-	3.4	-	1.5	-	1.0	-
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	4.0	3.3	2.5	2.1	3.9	4.0	1.9	1.5	1.2	1.7
321	Flat glass	4.2	-	.3	-	1.9	-	.6	-	.6	-
322	Glass and glassware, pressed or blown	4.0	-	2.0	-	3.5	-	1.8	-	.7	-
3221	Glass containers	3.2	-	2.5	-	3.2	-	2.2	-	.3	-
3229	Pressed and blown glass, nec	5.1	-	1.3	-	3.9	-	1.2	-	1.3	-
324	Cement, hydraulic	1.9	-	.5	-	2.9	-	1.0	-	1.3	-
325	Structural clay products	4.6	-	3.8	-	5.7	-	3.1	-	1.9	-
3251	Brick and structural clay tile	6.3	-	5.9	-	7.6	-	4.8	-	1.9	-
326	Pottery and related products	5.6	-	2.7	-	4.4	-	2.0	-	1.1	-
3291	Abrasive products	2.7	-	1.4	-	2.5	-	.9	-	.7	-
33	<b>PRIMARY METAL INDUSTRIES</b>	3.4	2.3	1.0	.7	3.7	4.3	.8	.6	2.1	2.9
331	Blast furnace and basic steel products	3.5	-	.4	-	4.5	-	.4	-	3.2	-
3312	Blast furnaces and steel mills	3.4	-	.3	-	4.4	-	.3	-	3.1	-
332	Iron and steel foundries	3.6	-	1.7	-	3.6	-	1.4	-	1.4	-
3321	Gray iron foundries	3.9	-	1.6	-	3.2	-	1.3	-	1.2	-
3322	Malleable iron foundries	4.0	-	1.2	-	4.8	-	1.1	-	2.6	-
3323	Steel foundries	2.7	-	2.1	-	4.1	-	1.7	-	1.4	-
333,4	Nonferrous metals	2.3	-	1.3	-	2.6	-	1.3	-	.7	-
335	Nonferrous rolling and drawing	2.8	-	.9	-	2.1	-	.6	-	.8	-
3351	Copper rolling and drawing	3.2	-	1.2	-	2.2	-	.6	-	.7	-
3352	Aluminum rolling and drawing	2.4	-	.8	-	2.6	-	.5	-	1.4	-
3357	Nonferrous wire drawing, and insulating	3.0	-	.9	-	1.7	-	.5	-	.5	-
336	Nonferrous foundries	4.9	-	2.8	-	4.2	-	1.8	-	1.6	-
3361	Aluminum castings	4.8	-	2.6	-	4.4	-	1.9	-	1.6	-
3362,9	Other nonferrous castings	5.0	-	3.0	-	3.9	-	1.7	-	1.6	-
339	Miscellaneous primary metal products	2.9	-	1.4	-	3.4	-	1.2	-	1.5	-
3391	Iron and steel forgings	2.7	-	1.4	-	3.4	-	1.2	-	1.4	-
34	<b>FABRICATED METAL PRODUCTS</b>	4.6	-	2.9	-	4.2	-	1.7	-	1.6	-
341	Metal cans	3.8	-	1.1	-	10.7	-	1.2	-	7.6	-
342	Cutlery, hand tools, and hardware	5.1	-	2.7	-	3.1	-	1.6	-	.8	-
3421,3,5	Cutlery and hand tools, incl. saws	5.4	-	2.4	-	3.1	-	1.5	-	.8	-
3429	Hardware, nec	4.9	-	2.9	-	3.1	-	1.6	-	.8	-
343	Plumbing and heating, except electric	4.5	-	3.2	-	3.2	-	1.6	-	.8	-
3431,2	Sanitary ware and plumbers' brass goods	4.2	-	2.6	-	2.5	-	1.2	-	.5	-
3433	Heating equipment, except electric	4.7	-	3.6	-	3.7	-	1.8	-	1.1	-
344	Fabricated structural metal products	4.1	-	3.2	-	4.4	-	2.1	-	1.5	-
3441	Fabricated structural steel	4.1	-	3.3	-	4.8	-	2.0	-	1.7	-
3443	Fabricated plate work (boiler shops)	3.1	-	2.5	-	2.9	-	1.4	-	.8	-
3446,9	Architectural and misc. metal work	3.6	-	2.5	-	5.3	-	2.1	-	2.5	-
345	Screw machine products, bolts, etc.	2.7	-	1.2	-	2.8	-	1.0	-	1.1	-
3452	Bolts, nuts, rivets, and washers	2.2	-	.8	-	2.3	-	.7	-	.9	-

See footnotes at end of table.

## D-2. Labor turnover rates, by industry—Continued

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1975	Oct. 1975 <sup>p</sup>	Sept. 1975	Oct. 1975 <sup>p</sup>	Sept. 1975	Oct. 1975 <sup>p</sup>	Sept. 1975	Oct. 1975 <sup>p</sup>	Sept. 1975	Oct. 1975 <sup>p</sup>
	<b>DURABLE GOODS — Continued</b>										
	<b>FABRICATED METAL PRODUCTS — Continued</b>										
346	Metal stampings .....	4.7	-	2.1	-	3.3	-	1.2	-	1.5	-
348	Miscellaneous fabricated wire products .....	6.3	-	4.6	-	5.1	-	2.5	-	1.8	-
349	Miscellaneous fabricated metal products .....	3.7	-	2.3	-	3.0	-	1.6	-	.7	-
3494,8	Valves, pipe, and pipe fittings .....	2.9	-	2.2	-	2.7	-	1.4	-	.6	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	2.9	2.3	1.5	1.3	3.0	2.8	1.1	0.9	1.2	1.2
351	Engines and turbines .....	2.7	-	.7	-	1.3	-	.5	-	.3	-
3511	Steam engines and turbines .....	1.3	-	.4	-	1.1	-	.4	-	.1	-
3519	Internal combustion engines, nec .....	3.6	-	.9	-	1.5	-	.5	-	.4	-
352	Farm machinery .....	4.1	-	1.7	-	4.9	-	1.5	-	2.5	-
353	Construction and related machinery .....	2.6	-	1.9	-	2.7	-	1.2	-	.9	-
3531,2	Construction and mining machinery .....	2.2	-	1.3	-	2.5	-	1.0	-	1.0	-
3533	Oil field machinery .....	4.0	-	3.7	-	3.2	-	2.0	-	.2	-
3535,6	Conveyors, hoists, cranes, monorails .....	2.6	-	2.1	-	3.0	-	1.2	-	1.2	-
354	Metal working machinery .....	2.8	-	1.2	-	3.3	-	.9	-	1.6	-
3541	Machine tools, metal cutting types .....	1.4	-	.5	-	3.2	-	.9	-	1.7	-
3545	Machine tool accessories .....	1.7	-	.9	-	3.7	-	.9	-	1.6	-
3542,8	Miscellaneous metal working machinery .....	2.2	-	1.2	-	2.8	-	.9	-	1.3	-
355	Special industry machinery .....	2.5	-	1.4	-	2.8	-	1.0	-	1.3	-
3551	Food products machinery .....	2.0	-	1.2	-	3.2	-	1.0	-	1.5	-
3552	Textile machinery .....	4.6	-	1.9	-	3.6	-	1.2	-	1.9	-
356	General industrial machinery .....	2.3	-	1.1	-	2.7	-	1.0	-	1.1	-
3561	Pumps and compressors .....	2.1	-	1.3	-	2.7	-	.9	-	1.0	-
3562	Ball and roller bearings .....	2.1	-	.6	-	2.1	-	.7	-	1.1	-
3566	Power transmission equipment .....	1.8	-	1.0	-	3.2	-	.8	-	1.7	-
357	Office and computing machines .....	1.9	-	1.3	-	2.3	-	.9	-	.5	-
3573	Electronic computing equipment .....	1.8	-	1.4	-	2.3	-	.9	-	.5	-
358	Service industry machines .....	4.7	-	1.4	-	3.9	-	1.2	-	1.4	-
3585	Refrigeration machinery .....	5.7	-	1.2	-	4.0	-	1.1	-	1.2	-
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> .....	3.5	-	1.9	-	3.0	-	1.2	-	.9	-
361	Electric test and distributing equipment .....	2.5	-	1.3	-	2.3	-	1.0	-	.6	-
3611	Electric measuring instruments .....	2.6	-	1.8	-	2.4	-	1.5	-	.4	-
3612	Transformers .....	2.3	-	.6	-	2.7	-	.6	-	1.0	-
3613	Switchgear and switchboard apparatus .....	2.6	-	1.3	-	2.1	-	.9	-	.4	-
362	Electrical industrial apparatus .....	2.9	-	1.4	-	2.7	-	1.0	-	1.0	-
3621	Motors and generators .....	2.9	-	1.0	-	2.9	-	1.0	-	1.3	-
3622	Industrial controls .....	3.2	-	2.0	-	2.4	-	.9	-	.5	-
363	Household appliances .....	5.6	-	3.0	-	4.9	-	1.9	-	1.7	-
3632	Household refrigerators and freezers .....	4.8	-	1.4	-	8.5	-	2.0	-	4.2	-
3633	Household laundry equipment .....	5.6	-	1.1	-	2.6	-	1.2	-	.4	-
3634	Electric housewares and fans .....	7.1	-	5.7	-	3.8	-	2.6	-	.2	-
364	Electric lighting and wiring equipment .....	4.1	-	2.3	-	3.1	-	1.3	-	.9	-
3641	Electric lamps .....	2.7	-	.9	-	1.9	-	.8	-	.2	-
3642	Lighting fixtures .....	4.0	-	2.6	-	3.8	-	1.6	-	1.3	-
3643,4	Wiring devices .....	4.6	-	2.6	-	3.0	-	1.3	-	1.0	-
365	Radio and TV receiving equipment .....	6.6	-	2.7	-	4.6	-	1.8	-	1.0	-
366	Communication equipment .....	1.9	-	1.2	-	2.3	-	.8	-	1.0	-
3661	Telephone and telegraph apparatus .....	1.3	-	.6	-	2.6	-	.4	-	1.8	-
3662	Radio and TV communication equipment .....	2.2	-	1.4	-	2.2	-	1.0	-	.6	-
367	Electronic components and accessories .....	4.0	-	2.2	-	3.0	-	1.3	-	.9	-
3671-3	Electron tubes .....	2.8	-	.5	-	3.6	-	.5	-	2.0	-
3674,9	Other electronic components .....	4.2	-	2.5	-	2.9	-	1.5	-	.7	-
369	Miscellaneous electrical equipment and supplies .....	2.9	-	1.7	-	2.2	-	1.1	-	.4	-
3694	Engine electrical equipment .....	2.3	-	1.3	-	2.0	-	.8	-	.5	-
37	<b>TRANSPORTATION EQUIPMENT</b> .....	3.5	-	1.5	-	3.5	-	1.0	-	1.6	-
371	Motor vehicles and equipment .....	3.7	-	1.0	-	2.9	-	.8	-	1.3	-
3711	Motor vehicles .....	2.9	-	.5	-	3.0	-	.7	-	1.4	-
3712	Passenger car bodies .....	2.1	-	.6	-	1.5	-	.5	-	.3	-
3713	Truck and bus bodies .....	9.1	-	2.3	-	3.9	-	1.9	-	1.4	-
3714	Motor vehicle parts and accessories .....	4.0	-	1.2	-	2.9	-	.7	-	1.2	-
372	Aircraft and parts .....	1.5	-	.8	-	2.0	-	.6	-	1.0	-
3721	Aircraft .....	1.4	-	.7	-	1.9	-	.5	-	1.0	-
3722	Aircraft engines and engine parts .....	1.2	-	.5	-	1.7	-	.5	-	.6	-
3723,9	Other aircraft parts and equipment .....	2.0	-	1.3	-	2.9	-	.9	-	1.4	-
373	Ship and boat building and repairing .....	6.3	-	3.6	-	5.9	-	1.9	-	2.7	-
3731	Ship building and repairing .....	7.1	-	3.8	-	6.6	-	2.0	-	3.0	-
374	Railroad equipment .....	1.7	-	.7	-	4.6	-	.6	-	2.8	-
375,9	Other transportation equipment .....	6.8	-	4.7	-	9.6	-	3.2	-	4.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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**D-2. Labor turnover rates, by industry—Continued**

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>
	<b>DURABLE GOODS — Continued</b>										
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	3.2	2.7	2.2	2.0	2.8	2.3	1.6	1.1	0.5	0.7
381	Engineering and scientific instruments	2.5	-	1.7	-	2.1	-	1.1	-	.5	-
382	Mechanical measuring and control devices	3.2	-	1.6	-	2.2	-	1.1	-	.4	-
3821	Mechanical measuring devices	2.2	-	1.4	-	2.1	-	1.0	-	.3	-
3822	Automatic temperature controls	5.3	-	2.1	-	2.5	-	1.2	-	.4	-
383,5	Optical and ophthalmic goods	3.3	-	2.5	-	2.9	-	1.6	-	.7	-
384	Medical instruments and supplies	4.0	-	3.1	-	3.0	-	1.6	-	.6	-
386	Photographic equipment and supplies	1.5	-	1.3	-	3.0	-	2.2	-	.2	-
387	Watches, clocks, and watchcases	7.9	-	5.0	-	4.4	-	2.0	-	.8	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	6.8	5.2	5.1	3.9	5.3	5.2	2.9	2.3	1.2	2.0
391	Jewelry, silverware, and plated ware	6.7	-	5.0	-	3.4	-	2.3	-	.5	-
394	Toys and sporting goods	8.8	-	6.8	-	7.5	-	3.7	-	1.6	-
3941-3	Games, toys, dolls and play vehicles	10.7	-	9.0	-	9.0	-	4.5	-	1.4	-
3949	Sporting and athletic goods, nec	6.0	-	3.5	-	5.3	-	2.5	-	1.7	-
395	Pens, pencils, office and art supplies	5.1	-	3.8	-	3.5	-	1.8	-	.9	-
396	Costume jewelry and notions	8.1	-	6.5	-	6.3	-	3.8	-	1.6	-
393,9	Other manufacturing industries	5.2	-	3.6	-	4.3	-	2.3	-	1.2	-
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS</b>	8.0	6.0	5.7	4.1	8.5	7.3	4.0	2.8	3.6	3.7
201	Meat products	7.2	-	5.2	-	6.6	-	4.1	-	1.5	-
2011	Meat packing plants	5.8	-	3.1	-	5.1	-	1.8	-	2.2	-
2015	Poultry dressing plants	10.9	-	9.6	-	10.0	-	8.7	-	.3	-
204	Grain mill products	4.0	-	3.3	-	3.9	-	2.3	-	.8	-
2041	Flour and other grain mill products	3.6	-	2.8	-	4.4	-	2.3	-	1.5	-
2042	Prepared feeds for animals and fowls	4.3	-	3.9	-	4.0	-	2.6	-	.7	-
205	Bakery products	3.5	-	3.1	-	4.1	-	2.5	-	.9	-
2051	Bread, cake, and related products	3.1	-	2.8	-	3.6	-	2.4	-	.6	-
2052	Cookies and crackers	5.5	-	4.3	-	6.5	-	3.3	-	2.5	-
207	Confectionery and related products	9.2	-	5.1	-	6.8	-	3.0	-	3.0	-
2071	Confectionery products	10.7	-	6.0	-	8.1	-	3.6	-	3.6	-
208	Beverages	4.9	-	3.5	-	6.2	-	3.0	-	2.2	-
2082	Malt liquors	3.1	-	1.1	-	5.6	-	1.0	-	3.6	-
21	<b>TOBACCO MANUFACTURES</b>	6.4	-	4.9	-	5.3	-	2.2	-	2.2	-
211	Cigarettes	1.7	-	1.1	-	1.2	-	.5	-	(1)	-
212	Cigars	3.6	-	2.6	-	4.6	-	2.9	-	(1)	-
22	<b>TEXTILE MILL PRODUCTS</b>	6.0	5.3	4.7	4.3	4.8	4.8	3.3	3.1	.6	.7
221	Weaving mills, cotton	5.8	-	4.3	-	4.7	-	3.4	-	.1	-
222	Weaving mills, synthetics	6.4	-	5.1	-	5.0	-	3.6	-	.4	-
223	Weaving and finishing mills, wool	5.4	-	4.0	-	4.4	-	2.8	-	.8	-
224	Narrow fabric mills	6.3	-	5.0	-	4.1	-	2.6	-	.5	-
225	Knitting mills	5.5	-	4.3	-	5.2	-	3.1	-	1.2	-
2251	Women's hosiery, except socks	5.0	-	4.4	-	4.8	-	3.3	-	.8	-
2252	Hosiery, nec	6.3	-	5.3	-	4.7	-	3.5	-	.6	-
2254	Knit underwear mills	4.7	-	3.8	-	4.3	-	3.0	-	.4	-
226	Textile finishing, except wool	5.5	-	4.7	-	3.6	-	2.5	-	.3	-
227	Floor covering mills	5.5	-	4.6	-	4.1	-	3.2	-	.3	-
228	Yarn and thread mills	7.6	-	6.3	-	5.7	-	4.3	-	.3	-
229	Miscellaneous textile goods	5.2	-	3.4	-	4.3	-	2.2	-	.9	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	6.9	6.1	5.1	4.5	5.8	5.1	3.4	3.0	1.4	1.2
231	Men's and boys' suits and coats	4.8	-	2.3	-	6.2	-	1.8	-	3.7	-
232	Men's and boys' furnishings	7.0	-	5.4	-	5.7	-	4.3	-	.6	-
2321	Men's and boys' shirts and nightwear	6.3	-	4.9	-	5.6	-	4.2	-	.6	-
2327	Men's and boys' separate trousers	7.2	-	5.9	-	5.1	-	4.2	-	.1	-
2328	Men's and boys' work clothing	7.8	-	5.8	-	5.8	-	4.7	-	.6	-
234	Women's and children's undergarments	7.7	-	6.1	-	5.4	-	3.9	-	.6	-
2341	Women's and children's underwear	8.5	-	6.8	-	6.0	-	4.4	-	.6	-
2342	Corsets and allied garments	4.9	-	3.8	-	3.3	-	2.1	-	.4	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	3.4	2.8	2.4	1.7	3.5	2.8	1.7	1.0	.9	1.1
261,2,6	Paper and pulp mills	2.2	-	1.4	-	2.8	-	1.4	-	.8	-
263	Paperboard mills	2.6	-	1.8	-	2.3	-	1.2	-	.5	-

See footnotes at end of table.

## D-2. Labor turnover rates, by industry—Continued

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>	Sept. 1975	Oct. 1975 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>PAPER AND ALLIED PRODUCTS—Continued</b>										
264	Miscellaneous converted paper products .....	4.3	-	2.9	-	4.5	-	1.9	-	1.5	-
2643	Bags, except textile bags .....	5.1	-	3.4	-	5.6	-	2.2	-	1.6	-
265	Paperboard containers and boxes .....	4.1	-	3.0	-	3.5	-	1.9	-	.7	-
2651,2	Folding and setup paperboard boxes .....	5.1	-	3.8	-	4.0	-	2.3	-	.7	-
2653	Corrugated and solid fiber boxes .....	3.3	-	2.5	-	2.8	-	1.7	-	.4	-
27	<b>PRINTING AND PUBLISHING</b> .....	3.2	2.7	2.5	2.1	3.2	2.9	1.8	1.4	.9	1.0
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	2.3	1.7	1.6	1.2	2.0	1.5	1.0	.6	.4	.5
281	Industrial chemicals .....	1.7	-	1.1	-	1.4	-	.7	-	.2	-
282	Plastics materials and synthetics .....	2.2	-	1.2	-	1.6	-	.7	-	.4	-
2821	Plastics materials and resins .....	2.4	-	1.3	-	1.7	-	.8	-	.3	-
2823,4	Synthetic fibers .....	2.0	-	1.0	-	1.4	-	.7	-	.3	-
283	Drugs .....	1.6	-	1.4	-	1.9	-	1.0	-	.3	-
2834	Pharmaceutical preparations .....	1.8	-	1.4	-	2.0	-	1.1	-	.4	-
284	Soap, cleaners, and toilet goods .....	4.1	-	3.3	-	3.3	-	1.8	-	.7	-
2841	Soap and other detergents .....	2.1	-	1.5	-	1.9	-	.9	-	.4	-
2844	Toilet preparations .....	6.3	-	5.1	-	4.2	-	2.3	-	.8	-
285	Paints and allied products .....	2.2	-	1.7	-	2.9	-	1.5	-	.7	-
285,9	Other chemical products .....	2.7	-	1.6	-	2.5	-	1.0	-	.8	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	1.9	1.6	1.7	1.4	2.0	1.6	1.0	.6	.3	.5
291	Petroleum refining .....	1.4	-	1.2	-	1.4	-	.6	-	.2	-
295,9	Other petroleum and coal products .....	3.6	-	3.2	-	4.1	-	2.3	-	.6	-
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....	5.8	4.2	3.9	2.9	4.6	4.3	2.5	1.9	1.1	1.5
301	Tires and inner tubes .....	2.2	-	.9	-	2.2	-	.8	-	.7	-
302,3,6	Other rubber products .....	5.1	-	2.5	-	3.6	-	1.8	-	.9	-
307	Miscellaneous plastics products .....	7.4	-	5.6	-	6.0	-	3.4	-	1.4	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	7.7	7.8	6.0	6.0	7.2	6.2	4.4	3.7	1.6	1.2
311	Leather tanning and finishing .....	6.4	-	5.8	-	5.5	-	3.5	-	.9	-
314	Footwear, except rubber .....	7.8	-	5.7	-	7.6	-	4.7	-	1.7	-
	<b>NONMANUFACTURING</b>										
10	<b>METAL MINING</b> .....	3.7	2.6	2.5	1.9	4.2	3.4	2.4	1.2	.8	1.3
101	Iron ores .....	2.2	-	1.6	-	3.7	-	2.2	-	.6	-
102	Copper ores .....	4.2	-	1.7	-	3.4	-	1.1	-	1.2	-
11,12	<b>COAL MINING</b> .....	2.1	2.3	1.6	1.9	2.0	1.9	1.1	1.0	.4	.3
12	Bituminous coal and lignite mining .....	2.2	-	1.7	-	2.0	-	1.1	-	.4	-
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	.6	-	-	-	1.0	-	.5	-	.2	-
482	Telegraph communication <sup>2</sup> .....	2.2	-	-	-	2.6	-	1.2	-	.5	-

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

p = preliminary.

<sup>2</sup> Data relate to all employees except messengers.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED LABOR TURNOVER**

**D-3. Labor turnover rates in manufacturing, 1963 to date, seasonally adjusted**

[Per 100 employees]

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total accessions</b>												
1963	3.7	3.9	3.9	4.0	3.8	3.9	3.8	3.9	3.8	3.8	3.7	3.9
1964	3.8	3.9	3.9	4.0	4.0	3.9	4.0	4.1	3.8	4.0	4.0	4.0
1965	4.1	4.1	4.2	4.1	4.1	4.3	4.2	4.2	4.4	4.5	4.7	4.9
1966	4.9	5.0	5.3	5.0	5.0	5.1	4.9	5.0	5.0	5.0	4.7	4.6
1967	4.5	4.3	4.3	4.3	4.4	4.5	4.4	4.3	4.4	4.4	4.5	4.5
1968	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.9	4.8
1969	4.9	4.8	4.9	4.8	4.7	5.0	4.7	4.4	4.7	4.7	4.6	4.5
1970	4.3	4.4	4.0	3.9	4.1	4.1	4.1	3.9	3.9	3.7	3.7	3.9
1971	3.8	3.8	3.7	3.9	3.8	3.8	3.8	4.0	3.9	3.9	4.1	4.2
1972	4.4	4.3	4.4	4.4	4.4	4.2	4.3	4.5	4.5	4.6	4.6	4.7
1973	4.8	4.9	4.9	4.7	4.7	4.8	4.7	4.7	4.8	4.9	4.9	4.5
1974	4.5	4.4	4.4	4.5	4.6	4.4	4.4	4.2	4.0	3.7 <sup>p</sup>	3.1	3.1
1975	3.3	3.3	3.4	3.9	3.5	3.5	4.2	4.0	3.7	3.6 <sup>p</sup>		
<b>New hires</b>												
1963	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4	2.3	2.5
1964	2.4	2.4	2.5	2.6	2.5	2.5	2.7	2.7	2.7	2.7	2.7	2.7
1965	2.9	3.0	3.1	2.8	2.9	3.0	3.0	3.1	3.1	3.3	3.5	3.7
1966	3.7	3.8	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.9	3.7	3.6
1967	3.4	3.4	3.2	3.1	3.1	3.3	3.2	3.2	3.3	3.3	3.4	3.5
1968	3.3	3.2	3.4	3.5	3.5	3.4	3.5	3.5	3.6	3.6	3.6	3.7
1969	3.7	3.8	3.9	3.8	3.7	3.9	3.7	3.5	3.7	3.6	3.5	3.5
1970	3.3	3.2	2.9	2.8	2.7	2.8	2.8	2.7	2.6	2.5	2.4	2.4
1971	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.8
1972	3.0	3.0	3.1	3.2	3.2	3.0	3.2	3.3	3.4	3.5	3.7	3.7
1973	3.9	4.2	4.0	3.9	3.9	3.8	3.8	3.8	3.7	3.9	3.9	3.7
1974	3.6	3.5	3.5	3.5	3.5	3.3	3.4	3.2	3.0	2.7 <sup>p</sup>	2.2	1.8
1975	1.5	1.6	1.5	1.7	1.8	1.8	2.4	2.4	2.3	2.3 <sup>p</sup>		
<b>Total separations</b>												
1963	4.0	3.9	3.9	4.0	3.8	3.9	3.9	4.0	3.8	3.8	4.0	3.9
1964	3.9	3.9	4.0	3.8	3.9	3.9	4.0	3.7	3.9	3.9	3.8	3.9
1965	3.8	3.8	3.8	3.9	4.0	4.0	3.9	4.3	4.2	4.2	4.2	4.3
1966	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.8	4.7	4.6	4.7	4.6
1967	4.8	4.8	4.9	4.8	4.6	4.5	4.5	4.3	4.5	4.5	4.4	4.4
1968	4.6	4.5	4.5	4.4	4.5	4.6	4.6	4.8	4.7	4.7	4.5	4.4
1969	4.6	4.8	5.0	4.8	4.9	5.0	4.8	4.9	5.0	4.9	4.9	4.8
1970	4.9	5.2	4.9	5.1	4.9	4.7	4.7	4.5	4.6	4.9	4.9	4.7
1971	4.3	4.2	4.2	4.1	4.1	4.1	4.3	4.4	4.1	4.1	4.2	4.2
1972	4.2	4.0	4.1	4.2	4.2	4.3	4.5	4.2	4.2	4.1	4.1	4.2
1973	4.3	4.4	4.5	4.5	4.7	4.8	4.7	4.9	4.7	4.7	4.5	4.6
1974	4.8	4.7	4.8	4.7	4.6	4.6	4.5	4.6	4.4	4.8	5.6	6.0
1975	5.9	5.3	4.7	4.5	4.1	3.9	4.0	3.6	3.5	3.7 <sup>p</sup>		
<b>Quits</b>												
1963	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.7
1967	2.5	2.5	2.4	2.4	2.3	2.4	2.2	2.2	2.3	2.3	2.4	2.4
1968	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.6	2.6
1969	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
1970	2.4	2.5	2.3	2.3	2.1	2.2	2.1	2.0	2.0	1.9	1.8	1.9
1971	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
1972	2.1	2.0	2.1	2.2	2.2	2.2	2.2	2.3	2.2	2.4	2.4	2.6
1973	2.7	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.6	2.8	2.8	2.7
1974	2.6	2.5	2.6	2.6	2.6	2.5	2.5	2.5	2.1	2.0	1.8	1.5
1975	1.3	1.2	1.1	1.2	1.3	1.3	1.5	1.5	1.3	1.5 <sup>p</sup>		
<b>Layoffs</b>												
1963	2.0	1.8	1.9	1.9	1.8	1.8	1.7	1.9	1.9	1.8	1.8	1.7
1964	1.7	1.9	1.8	1.6	1.7	1.6	1.6	1.5	1.6	1.7	1.5	1.6
1965	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.6	1.4	1.4	1.4	1.4
1966	1.2	1.1	1.1	1.2	1.1	1.3	1.4	1.2	1.0	1.1	1.2	1.3
1967	1.4	1.5	1.6	1.5	1.4	1.3	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.4	1.2	1.2	1.1	1.1
1969	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.4
1970	1.5	1.7	1.8	1.9	1.9	1.9	1.5	1.9	1.9	2.2	2.0	1.7
1971	1.7	1.5	1.5	1.5	1.6	1.6	1.5	2.0	1.7	1.5	1.4	1.3
1972	1.2	1.2	1.1	1.2	1.1	1.4	1.2	1.1	1.0	1.0	.9	.9
1973	.8	.7	.8	.8	.9	.8	1.0	.9	.8	.9	1.0	1.1
1974	1.4	1.2	1.2	1.1	1.1	1.1	1.0	1.3	1.4	2.0	2.5	2.6
1975	3.1	3.0	2.7	2.6	2.6	2.1	1.5	1.5	1.7	1.7 <sup>p</sup>		

p=preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**
**D-4. Labor turnover rates in manufacturing for selected States and areas**

[ Per 100 employees ]

State and area	Accession rates				Separation rates						
	Total		New hires		Total		Quits		Layoffs		
	Aug. 1975	Sept. 1975 <sup>p</sup>	Aug. 1975	Sept. 1975 <sup>p</sup>	Aug. 1975	Sept. 1975 <sup>p</sup>	Aug. 1975	Sept. 1975 <sup>p</sup>	Aug. 1975	Sept. 1975 <sup>p</sup>	
<b>ALABAMA:</b>											
Birmingham	3.7	2.4	1.9	1.3	4.1	3.3	1.7	1.0	1.2	1.5	
Mobile	7.0	7.1	4.1	3.7	6.5	7.7	3.4	3.6	2.3	3.4	
<b>ALASKA</b>	26.2	20.1	21.1	13.2	30.7	25.0	14.1	9.3	14.2	14.7	
<b>ARIZONA</b>	4.7	5.1	3.5	3.9	4.7	3.5	2.7	2.0	1.1	.7	
Phoenix	4.6	4.8	3.0	3.3	4.4	3.4	2.3	1.8	1.3	.9	
<b>ARKANSAS</b>	8.4	8.0	6.3	6.3	7.8	6.9	5.7	4.5	1.1	1.5	
Fort Smith	11.2	8.4	7.8	6.7	9.2	8.3	6.6	4.4	1.3	2.7	
Little Rock—North Little Rock	6.6	6.9	5.6	5.9	6.7	6.4	4.9	3.7	.6	1.6	
Pine Bluff	4.5	4.3	2.8	3.4	6.7	6.8	4.0	2.5	1.8	3.4	
<b>COLORADO</b>	4.0	4.2	3.0	2.9	4.4	4.1	2.6	2.5	.9	.9	
Denver—Boulder	3.7	3.3	2.7	2.6	4.3	3.7	2.5	2.1	.9	.9	
<b>CONNECTICUT</b>	2.7	2.9	1.4	1.8	3.1	2.8	1.4	1.1	.9	.9	
Hartford	1.8	2.0	1.2	1.4	3.1	2.1	1.2	.9	1.2	.7	
<b>DELAWARE<sup>1</sup></b>	4.1	3.7	1.4	1.1	2.5	2.9	1.2	1.0	.5	1.3	
Wilmington	3.5	3.7	.9	.9	2.4	2.9	1.0	.8	.6	1.5	
<b>DISTRICT OF COLUMBIA:</b>											
Washington SMSA	2.1	(*)	1.5	(*)	2.0	(*)	.9	(*)	.3	(*)	
<b>FLORIDA</b>	5.1	5.3	3.8	4.0	5.5	4.6	2.9	2.6	1.6	1.1	
Fort Lauderdale—Hollywood	5.1	5.3	4.3	4.4	5.4	5.1	2.8	2.6	1.2	1.2	
Jacksonville	5.6	4.5	3.7	3.8	5.7	4.6	2.8	2.6	1.4	.6	
Miami	4.8	4.6	3.9	4.2	4.5	5.0	2.6	2.4	1.1	1.8	
Orlando	4.1	4.3	2.8	2.3	7.4	4.1	2.4	1.4	4.0	1.7	
Pensacola	2.0	.9	1.6	.7	1.8	1.7	1.2	1.3	.2	.1	
Tampa—St. Petersburg	5.2	5.5	3.7	4.4	6.3	5.0	3.1	3.0	2.2	.8	
West Palm Beach—Boca Raton	2.7	2.5	2.5	2.0	3.7	2.2	2.2	1.3	.9	.5	
<b>GEORGIA</b>	5.5	5.2	4.0	4.0	4.7	4.9	3.0	3.3	.8	.7	
Atlanta <sup>2</sup>	3.5	3.6	2.6	2.8	3.1	3.7	1.8	2.2	.6	.7	
<b>HAWAII<sup>3</sup></b>	2.0	1.8	1.7	1.6	3.1	2.1	1.8	1.0	.7	.2	
<b>IDAHO<sup>4</sup></b>	6.9	6.7	6.5	5.7	7.9	6.8	5.9	4.1	.6	1.1	
<b>ILLINOIS:</b>											
Chicago SMSA	3.5	3.5	2.2	2.5	3.7	3.5	1.9	1.7	.7	.8	
<b>INDIANA</b>	4.0	3.5	1.6	1.7	3.5	3.1	1.5	1.1	1.3	1.2	
Indianapolis <sup>5</sup>	2.0	2.6	1.2	1.2	2.4	2.2	1.1	.8	.6	.7	
<b>IOWA</b>	4.1	4.2	2.9	2.9	4.4	4.1	2.8	2.3	1.0	1.1	
Cedar Rapids	3.0	2.0	2.2	1.5	2.8	2.9	1.4	1.7	.7	.8	
Des Moines	4.1	6.2	3.2	4.1	4.9	5.7	3.3	3.2	.8	1.4	
<b>KANSAS</b>	5.0	4.6	4.2	3.9	6.0	4.6	4.2	2.8	.7	1.0	
Topeka	2.2	1.6	1.5	1.4	5.9	2.6	1.7	1.1	2.8	1.1	
Wichita	4.4	4.5	3.7	3.6	4.7	4.0	3.2	2.6	.4	.3	
<b>KENTUCKY</b>	4.0	4.3	2.0	2.0	4.8	3.5	2.0	1.4	1.9	1.3	
Louisville	2.7	2.6	1.1	1.3	2.8	3.2	1.2	.9	.5	1.3	
<b>LOUISIANA:</b>											
New Orleans	5.2	5.4	4.0	4.4	6.7	4.3	3.4	2.4	1.8	.8	
<b>MAINE</b>	7.8	6.9	5.8	4.8	7.5	6.6	4.5	3.6	1.9	1.9	
Portland	3.5	4.2	2.4	2.7	3.9	4.9	2.6	2.6	.7	.7	
<b>MARYLAND</b>	3.8	(*)	2.1	(*)	4.3	(*)	1.6	(*)	1.9	(*)	
Baltimore	3.3	(*)	1.8	(*)	4.1	(*)	1.3	(*)	1.8	(*)	
<b>MASSACHUSETTS</b>	4.3	4.2	2.4	2.8	4.3	3.6	2.2	1.9	1.2	1.2	
Boston	3.5	3.8	2.0	2.5	3.7	2.9	1.9	1.5	.9	.8	
<b>MICHIGAN</b>	5.6	3.5	1.6	1.4	3.5	3.5	1.2	1.1	1.3	1.6	
Detroit	5.7	3.1	1.2	1.1	3.0	3.7	1.0	1.0	1.0	1.6	

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA LABOR TURNOVER**

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**D-4. Labor turnover rates in manufacturing for selected States and areas—Continued**

[Per 100 employees]

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Aug. 1975	Sept. 1975 <sup>P</sup>	Aug. 1975	Sept. 1975 <sup>P</sup>	Aug. 1975	Sept. 1975 <sup>P</sup>	Aug. 1975	Sept. 1975 <sup>P</sup>	Aug. 1975	Sept. 1975 <sup>P</sup>
MINNESOTA	5.5	4.8	3.9	3.7	4.5	6.5	3.2	3.4	0.8	2.4
Minneapolis—St. Paul	2.9	2.9	2.0	2.2	3.4	3.8	2.0	2.1	.8	1.0
MISSISSIPPI:										
Jackson	6.9	4.5	5.1	3.8	4.8	4.6	3.1	2.8	.8	.8
MISSOURI	3.9	4.6	2.4	2.7	4.9	3.8	2.5	1.8	1.6	1.2
Kansas City	4.4	3.9	3.1	3.0	5.6	3.9	2.5	1.7	2.2	1.4
St. Louis	3.0	3.7	1.5	1.9	3.9	2.9	1.7	1.1	1.5	1.1
MONTANA	5.1	4.0	4.2	3.3	4.3	5.3	2.9	3.1	.7	1.2
NEBRASKA	6.0	5.2	4.0	3.9	7.2	4.1	4.2	2.5	2.2	.8
NEVADA	6.9	6.2	6.3	5.5	7.5	6.4	4.4	3.4	1.3	1.6
NEW HAMPSHIRE	4.5	(*)	3.0	(*)	4.1	(*)	2.6	(*)	.8	(*)
NEW JERSEY:										
Camden <sup>6</sup>	4.9	3.7	2.4	2.4	3.7	3.0	1.8	1.3	1.0	1.0
Hackensack	4.3	4.1	2.8	2.9	4.2	4.5	2.2	2.1	1.0	1.4
Jersey City	5.3	3.0	2.9	2.2	4.2	4.2	1.4	1.1	1.9	2.1
Newark	3.8	3.0	1.8	2.1	4.0	3.3	1.5	1.3	1.8	1.3
New Brunswick—Perth Amboy—Sayreville	4.5	3.4	2.5	2.1	4.1	4.4	1.8	1.4	.9	1.9
Paterson—Clifton—Passaic	4.7	3.7	2.1	2.5	4.7	4.9	1.4	1.2	2.4	2.9
Trenton	4.2	3.2	2.2	1.6	3.2	2.5	1.3	1.0	1.0	.7
NEW YORK	5.4	4.4	2.5	2.5	4.3	3.9	1.6	1.4	1.9	1.7
Albany—Schenectady—Troy	3.7	2.9	1.4	1.5	4.7	2.4	1.6	.9	2.3	.7
Binghamton	2.4	2.1	1.3	1.3	2.1	2.0	1.2	.9	.2	.4
Buffalo	7.6	4.9	1.0	1.0	5.1	3.0	1.0	.7	3.5	1.5
Elmira	3.0	2.8	1.8	1.5	4.1	3.1	1.4	1.0	1.6	1.1
Monroe County <sup>7</sup>	2.9	2.0	1.1	1.2	2.0	3.4	1.1	1.8	.4	.9
Nassau—Suffolk <sup>8</sup>	4.3	4.6	3.0	3.5	4.8	4.3	2.7	1.9	1.4	1.4
New York and Nassau—Suffolk	5.7	5.0	3.2	3.2	4.7	4.5	1.6	1.6	2.2	2.1
New York SMSA <sup>8</sup>	5.9	5.1	3.2	3.2	4.6	4.5	1.4	1.5	2.3	2.3
New York City <sup>9</sup>	6.3	5.3	3.4	3.3	4.7	4.7	1.4	1.5	2.5	2.5
Rochester	4.5	3.1	2.2	1.9	2.8	4.1	1.5	2.1	.7	1.3
Syracuse	4.9	3.1	1.5	1.1	3.3	2.7	1.2	.9	1.0	1.0
Utica—Rome	4.5	3.4	1.6	1.6	3.1	3.3	1.3	.8	1.3	2.1
Westchester County <sup>9</sup>	3.4	3.2	1.9	1.9	3.8	3.2	1.3	1.1	1.5	.9
NORTH CAROLINA	6.0	5.8	4.9	4.9	5.3	4.6	4.0	3.3	.5	.5
Charlotte—Gastonia	5.9	4.7	4.6	3.9	5.2	4.1	3.9	3.0	.4	.3
Greensboro—Winston-Salem—High Point	5.4	5.5	4.5	4.9	5.6	4.7	4.1	3.3	.7	.6
NORTH DAKOTA	6.7	7.7	5.9	4.9	7.4	8.1	6.5	5.5	.1	1.3
Fargo—Moorhead	4.7	4.2	4.2	3.0	5.7	5.4	4.1	3.5	.9	1.3
OHIO	4.1	3.2	1.7	1.3	3.2	3.8	1.1	1.2	1.2	1.7
Akron	2.2	1.7	.9	.6	2.0	2.2	.7	.6	.7	1.1
Canton	3.5	4.3	.8	1.0	3.7	4.4	.8	.9	1.8	2.4
Cincinnati	2.8	2.8	1.8	1.7	2.8	3.3	1.5	1.3	.6	1.2
Cleveland	3.0	2.9	1.3	1.5	3.0	3.4	1.1	1.1	1.0	1.3
Columbus	2.8	2.7	1.5	1.3	2.4	3.1	.9	1.0	.9	1.3
Dayton	3.8	4.0	1.3	1.0	2.8	3.1	.9	.9	.6	1.1
Toledo	3.8	3.5	1.2	1.4	3.7	3.2	1.0	1.1	1.7	1.1
Youngstown—Warren	4.8	3.0	.4	.5	4.0	2.7	.5	.5	2.0	1.3
OKLAHOMA	6.3	6.5	5.6	5.9	7.2	5.5	5.4	3.9	.8	.6
Oklahoma City	5.7	6.1	4.7	5.0	6.8	5.9	4.7	3.5	1.2	1.3
Tulsa <sup>10</sup>	6.1	6.3	5.7	5.8	7.1	5.7	5.4	3.9	.4	.4
OREGON <sup>1</sup>	4.5	4.9	3.4	3.9	4.4	6.1	2.6	3.5	1.0	1.6
Portland <sup>1</sup>	4.6	4.6	3.1	3.3	4.0	5.1	2.2	2.8	1.1	1.5
PENNSYLVANIA	4.6	3.8	1.6	1.8	4.1	3.5	1.5	1.2	1.8	1.6
Allentown—Bethlehem—Easton	4.6	3.0	1.9	1.8	4.0	3.7	1.5	1.0	1.9	2.1
Altoona	4.7	4.1	2.1	3.3	6.0	5.6	2.1	2.3	3.3	2.9
Erie	4.6	2.6	1.4	1.4	4.8	4.0	1.6	1.2	1.9	2.2
Harrisburg	2.5	4.1	1.5	1.9	3.3	4.0	1.6	1.7	1.1	1.8
Johnstown	4.1	2.8	1.3	1.6	2.4	2.7	1.0	1.3	.9	.9
Lancaster	4.0	2.7	1.6	1.9	3.4	2.7	2.0	1.6	.8	.5

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**
**D-4. Labor turnover rates in manufacturing for selected States and areas—Continued**

[Per 100 employees]

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Aug. 1975	Sept. 1975 <sup>p</sup>	Aug. 1975	Sept. 1975 <sup>p</sup>	Aug. 1975	Sept. 1975 <sup>p</sup>	Aug. 1975	Sept. 1975 <sup>p</sup>	Aug. 1975	Sept. 1975 <sup>p</sup>
<b>PENNSYLVANIA—Continued</b>										
Northeast Pennsylvania .....	7.0	3.9	2.0	2.1	4.5	4.7	1.6	1.4	2.4	2.9
Philadelphia SMSA .....	4.3	3.4	1.9	1.9	3.7	3.2	1.4	1.1	1.5	1.5
Pittsburgh .....	3.7	3.9	1.1	1.0	4.7	3.4	1.0	.9	2.6	1.7
Reading .....	5.7	4.6	2.3	2.5	3.7	3.3	1.6	1.5	1.6	1.3
Scranton <sup>11</sup> .....	6.2	3.4	1.9	2.0	4.8	5.7	1.2	1.2	3.2	4.2
Wilkes-Barre-Hazleton <sup>12</sup> .....	6.6	3.8	2.1	2.1	4.6	3.4	1.7	1.5	2.1	1.6
Williamsport .....	10.1	2.9	2.0	1.8	2.8	1.9	1.7	.7	.9	.8
York .....	6.1	6.2	2.7	2.8	4.9	3.5	2.4	1.9	1.9	.9
<b>RHODE ISLAND</b>										
Providence-Warwick-Pawtucket .....	6.2	7.3	4.5	4.9	5.1	5.7	3.0	3.2	1.3	1.6
Providence-Warwick-Pawtucket .....	6.4	7.3	4.6	5.4	5.2	5.5	3.1	3.2	1.3	1.5
<b>SOUTH CAROLINA:</b>										
Greenville-Spartanburg .....	6.2	5.7	5.3	4.8	6.2	4.8	4.2	3.4	.8	.3
<b>SOUTH DAKOTA</b>										
Sioux Falls .....	3.9	3.8	3.2	2.9	6.8	5.4	3.9	2.3	2.0	2.5
Sioux Falls .....	3.2	3.3	2.1	3.1	5.6	5.5	2.0	1.1	2.8	4.1
<b>TENNESSEE:</b>										
Memphis .....	4.6	5.3	3.4	4.0	4.6	4.0	2.5	2.2	1.1	.6
<b>TEXAS:</b>										
Dallas-Fort Worth .....	6.4	5.1	4.4	4.5	5.5	4.3	3.8	2.9	.7	.5
Houston .....	4.4	4.5	4.1	4.2	5.3	4.1	3.9	2.7	.2	.4
San Antonio .....	4.9	4.7	4.5	4.0	5.1	4.0	3.6	2.9	.6	.3
<b>UTAH<sup>4</sup></b>										
Salt Lake City-Ogden <sup>4</sup> .....	6.2	6.7	5.0	5.1	5.7	5.9	3.6	4.3	.8	.7
Salt Lake City-Ogden <sup>4</sup> .....	4.8	6.2	4.2	5.5	5.3	5.7	3.7	4.3	.7	.4
<b>VERMONT</b>										
Burlington .....	4.8	3.0	1.9	1.7	3.9	2.6	1.6	1.2	1.8	.9
Burlington .....	3.4	2.6	1.1	1.1	1.2	.9	.5	.5	.5	.2
Springfield .....	2.4	2.9	.7	.8	4.0	3.0	.9	.9	2.3	1.5
<b>VIRGINIA</b>										
Richmond .....	3.8	4.5	2.6	3.3	3.7	3.6	2.4	2.2	.5	.6
Richmond .....	3.3	3.5	2.4	2.5	2.4	2.4	1.4	1.5	.1	.1
<b>WASHINGTON:</b>										
Seattle-Everett <sup>13</sup> .....	2.8	3.6	1.8	2.7	3.4	4.1	1.5	1.9	1.3	1.7
<b>WISCONSIN</b>										
Milwaukee .....	5.8	4.0	3.6	2.5	4.7	4.6	2.8	2.0	1.1	1.8
Milwaukee .....	4.6	3.4	1.9	2.1	3.5	3.5	2.0	1.4	.5	1.0
<b>WYOMING</b>										
.....	6.7	7.6	6.3	7.5	8.5	6.2	7.1	4.8	.5	.9

<sup>1</sup> Excludes canning and preserving.<sup>2</sup> Excludes agricultural chemicals, and miscellaneous manufacturing.<sup>3</sup> Excludes canned fruits, vegetables, preserves, jams and jellies.<sup>4</sup> Excludes canning and preserving, and sugar.<sup>5</sup> Excludes canning and preserving, and newspapers.<sup>6</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.<sup>7</sup> Subarea of Rochester Standard Metropolitan Statistical Area.<sup>8</sup> Area included in New York and Nassau-Suffolk combined SMSA's.<sup>9</sup> Subarea of New York Standard Metropolitan Statistical Area.<sup>10</sup> Excludes new-hire rate for transportation equipment.<sup>11</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.<sup>12</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.<sup>13</sup> Excludes canning and preserving, printing and publishing.<sup>\*</sup> Not available.<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.



E-1. Insured unemployment under State programs

[Week including the 12th of the month]

State	Number (in thousands)					Rate (percent of average covered employment)		
	Nov. 1974	Oct. 1975	Nov. 1975	Change from <sup>1</sup>		Nov. 1974	Oct. 1975	Nov. 1975
				Nov. 1974	Oct. 1975			
TOTAL <sup>2, 3</sup>	2, 437.3	2, 961.7	3, 090.2	652.8	128.4	3.7	4.4	4.6
SEASONALLY ADJUSTED	2, 840.0	3, 775.7	3, 129.5	+289.5	-646.2	4.3	5.7	5.5
Alabama	34.5	41.3	43.4	8.9	2.0	3.8	4.5	4.7
Alaska	4.9	5.1	6.8	2.0	1.8	6.7	5.3	7.2
Arizona	25.1	31.0	31.6	6.4	0.6	4.2	5.0	5.1
Arkansas	24.3	25.0	28.0	3.6	3.0	4.7	4.7	5.3
California*	305.5	320.7	360.9	55.5	40.2	4.7	4.9	5.5
Colorado	14.7	20.1	22.4	7.7	2.3	2.0	2.7	3.0
Connecticut	53.6	67.8	68.2	14.6	0.4	4.5	5.6	5.6
Delaware	8.5	6.8	7.3	-1.2	0.5	3.9	3.2	3.4
District of Columbia	8.1	12.9	13.9	5.8	1.0	2.2	3.6	3.8
Florida	84.1	119.2	118.2	34.1	-1.0	3.5	4.5	4.5
Georgia	46.2	56.7	54.8	8.6	-1.9	3.1	3.9	3.8
Hawaii	11.9	16.5	17.5	5.7	1.0	3.9	5.3	5.6
Idaho	6.8	7.2	8.9	2.1	1.7	3.3	3.3	4.1
Illinois	91.8	185.8	203.3	11.5	17.5	2.4	4.8	5.3
Indiana	42.5	48.3	47.9	5.4	-0.4	2.5	2.9	2.8
Iowa	10.1	21.2	23.2	13.0	2.0	1.3	2.6	2.8
Kansas	11.2	15.5	16.5	5.3	1.0	1.9	2.5	2.7
Kentucky	25.8	37.3	34.5	8.7	-2.8	3.1	4.4	4.1
Louisiana	30.4	36.6	35.9	5.5	-0.7	3.1	3.6	3.5
Maine	15.1	14.3	16.6	1.5	2.3	5.3	5.0	5.8
Maryland	36.2	43.5	48.5	12.3	5.0	3.2	3.8	4.2
Massachusetts	109.1	118.1	120.4	11.3	2.2	5.4	5.9	6.0
Michigan	143.1	167.5	167.4	24.3	-0.1	5.1	6.1	6.1
Minnesota	31.9	41.1	45.3	13.4	4.2	2.6	3.0	3.3
Mississippi	13.0	15.6	15.6	2.7	0.0	2.4	2.9	2.9
Missouri	47.9	62.7	65.1	17.2	2.4	3.3	4.3	4.5
Montana	7.2	7.0	8.9	1.7	1.9	4.4	4.1	5.1
Nebraska	8.1	11.4	10.8	2.7	-0.6	1.9	2.6	2.5
Nevada	11.8	10.8	11.5	-0.3	0.7	5.7	5.1	5.4
New Hampshire	8.4	9.9	10.2	1.8	0.3	3.2	3.9	4.0
New Jersey	132.1	133.5	137.6	5.6	4.2	5.7	5.8	6.0
New Mexico	10.6	11.1	10.9	0.3	-0.2	4.2	4.3	4.2
New York	275.6	302.9	311.5	35.9	8.6	4.6	5.2	5.3
North Carolina	60.2	54.8	58.8	-1.4	4.0	3.5	3.2	3.5
North Dakota	1.9	1.9	2.4	0.4	0.5	1.5	1.3	1.7
Ohio	90.8	123.9	125.3	34.5	1.4	2.5	3.2	3.3
Oklahoma	18.4	25.1	27.0	8.7	2.0	2.6	3.5	3.7
Oregon	40.8	39.9	47.4	6.6	7.5	5.9	5.2	6.2
Pennsylvania	167.5	221.0	227.4	59.9	6.4	4.3	5.7	5.9
Puerto Rico <sup>2</sup>	64.1	82.8	82.2	18.1	-0.6	10.1	13.2	13.1
Rhode Island	17.9	18.1	18.8	0.9	0.7	5.5	5.6	5.9
South Carolina	34.0	33.4	35.1	1.0	1.6	4.2	4.1	4.3
South Dakota	2.2	2.6	2.8	0.6	0.2	1.5	1.7	1.8
Tennessee	45.3	56.1	55.5	10.2	-0.5	3.5	4.4	4.4
Texas	48.2	71.0	71.2	23.1	0.3	1.4	2.0	2.0
Utah	9.2	11.7	13.0	3.8	1.3	2.8	3.4	3.8
Vermont	6.7	7.5	8.4	1.7	0.9	5.0	5.7	6.3
Virginia	22.3	39.4	26.6	4.3	-12.8	1.6	2.8	1.9
Washington	59.6	72.6	81.2	21.5	8.6	6.3	7.4	8.3
West Virginia	15.1	17.7	19.6	4.5	1.9	3.3	3.8	4.2
Wisconsin	41.9	56.7	62.6	20.6	5.9	2.9	3.6	3.9
Wyoming	1.0	1.2	1.4	0.4	0.2	1.0	1.2	1.4

<sup>1</sup> Based on unrounded data; changes of less than 50 not shown.

<sup>2</sup> Include data under the program for Puerto Rico's sugarcane workers. Rates exclude the sugarcane workers as comparable covered employment data are not yet available.

<sup>3</sup> Figures do not include claimants receiving benefits under extended benefit provisions.

E-2. Insured unemployment<sup>1</sup> in 150 major labor areas<sup>2</sup>

[In thousands, for week including the 12th of the month]

State and area	Nov. 1974	Nov. 1975	State and area	Nov. 1974	Nov. 1975	State and area	Nov. 1974	Nov. 1975	State and area	Nov. 1974	Nov. 1975
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW JERSEY</b>			<b>PENNSYLVANIA—Continued</b>		
Birmingham .....	7.8	11.4	Continued			Atlantic City .....	5.1	5.7	Northeast		
Mobile .....	3.0	4.0	Gary-Hammond—			Jersey City .....	14.3	12.7	Pennsylvania .....	20.6	18.1
<b>ARIZONA</b>			East Chicago .....	3.7	7.2	Newark .....	36.0	38.4	Philadelphia .....	66.4	95.4
Phoenix .....	18.0	18.7	Indianapolis .....	6.8	8.9	New Brunswick—			Pittsburgh .....	24.1	40.7
<b>ARKANSAS</b>			South Bend .....	2.4	2.2	Perth Amboy .....	11.4	11.0	Reading .....	3.9	5.6
Little Rock—			Terre Haute .....	1.7	1.5	Sayreville .....			York .....	4.6	6.6
North Little			<b>IOWA</b>			Paterson-Clifton—			<b>PUERTO RICO</b>		
Rock .....	2.7	4.5	Cedar Rapids .....	.4	1.7	Passaic .....	10.5	10.2	Mayaguez .....	1.9	2.0
<b>CALIFORNIA</b>			Des Moines .....	1.3	3.3	Trenton .....	4.0	3.7	Ponce .....	2.5	5.3
Anaheim—S. Ana—			<b>KANSAS</b>			<b>NEW MEXICO</b>			San Juan .....	9.7	14.3
Garden Grove .....	21.9	26.7	Wichita .....	1.9	5.2	Albuquerque .....	4.8	*	<b>RHODE ISLAND</b>		
Fresno .....	7.1	7.5	<b>KENTUCKY</b>			<b>NEW YORK</b>			Providence—		
Los Angeles—Long			Louisville .....	8.2	9.5	Albany—			Warwick—		
Beach .....	106.6	126.6	<b>LOUISIANA</b>			Schenectady—			Pawtucket .....	19.3	19.5
Riverside—San			Baton Rouge .....	2.3	3.7	Troy .....	9.0	10.1	<b>SOUTH CAROLINA</b>		
Bernardino—			New Orleans .....	8.7	11.8	Binghamton .....	2.2	4.8	Charleston .....	2.4	*
Ontario .....	15.2	21.2	Shreveport .....	2.8	4.5	Buffalo .....	18.7	24.3	Greenville—		
Sacramento .....	13.2	15.4	<b>MAINE</b>			New York City			Spartanburg .....	6.3	*
San Diego .....	23.5	29.7	Portland .....	1.8	2.0	Combined Areas .....	197.7	210.4	<b>TENNESSEE</b>		
San Francisco—			<b>MARYLAND</b>			(a) N.Y. City			Chattanooga .....	4.0	3.8
Oakland .....	46.1	60.0	Baltimore .....	22.0	30.3	plus Rockland,			Knoxville .....	5.3	5.7
San Jose .....	18.1	19.7	<b>MASSACHUSETTS</b>			Putnam, and			Memphis .....	8.4	14.5
Stockton .....	5.7	6.9	Boston .....	46.1	55.0	Westchester Cos.	159.4	163.0	Nashville—		
<b>COLORADO</b>			Brockton .....	3.9	3.5	(b) Nassau—			Davidson .....	4.5	10.8
Denver—Boulder ..	8.4	14.7	Fall River .....	6.4	4.6	Suffolk .....	38.2	47.4	<b>TEXAS</b>		
<b>CONNECTICUT</b>			Lawrence—			Rochester .....	8.8	14.8	Austin .....	1.6	2.8
Bridgeport .....	8.9	9.3	Haverhill .....	5.8	7.7	Syracuse .....	7.2	9.9	Beaumont—		
Hartford .....	9.8	12.7	Lowell .....	6.4	4.4	Utica—Rome .....	4.7	6.2	Port Arthur—		
New Britain .....	2.9	3.5	New Bedford .....	6.2	5.1	<b>NORTH CAROLINA</b>			Orange .....	1.9	3.9
New Haven—			Springfield—			Asheville .....	2.1	2.0	Corpus Christi .....	1.6	1.6
West Haven .....	6.7	8.6	Chicopee—			Charlotte—			Dallas .....	9.1	13.4
Stamford .....	4.7	3.3	Holyoke .....	9.3	12.1	Gastonia .....	6.0	7.3	El Paso .....	2.7	3.2
Waterbury .....	2.7	7.2	Worcester .....	5.1	8.1	Greensboro—			Fort Worth .....	4.6	5.6
<b>DELAWARE</b>			<b>MICHIGAN</b>			Winston-Salem—			Houston .....	5.0	10.5
Wilmington .....	9.1	7.0	Battle Creek .....	3.4	4.0	High Point .....	5.5	8.6	San Antonio .....	5.1	7.4
<b>DIST. OF COL.</b>			Detroit .....	65.7	82.9	Raleigh—Durham ..	2.1	2.8	<b>UTAH</b>		
Washington .....	18.4	28.1	Flint .....	7.5	9.3	<b>OHIO</b>			Salt Lake City—		
<b>FLORIDA</b>			Grand Rapids .....	7.3	9.1	Akron .....	5.5	8.5	Ogden .....	4.5	7.0
Jacksonville .....	2.8	5.0	Kalamazoo—			Canton .....	3.3	6.8	<b>VIRGINIA</b>		
Miami .....	22.8	27.7	Portage .....	2.7	4.0	Cincinnati .....	9.6	12.4	Newport News—		
Tampa—St.			Lansing—East			Cleveland .....	15.0	24.4	Hampton .....	1.2	2.7
Petersburg .....	13.0	23.1	Lansing .....	6.4	8.5	Columbus .....	7.6	11.0	Norfolk—		
<b>GEORGIA</b>			Muskegon—			Dayton .....	5.6	8.5	Virginia Beach—		
Atlanta .....	12.6	23.1	Muskegon—			Hamilton—			Portsmouth .....	2.1	5.2
Augusta .....	3.6	3.1	Heights .....	3.0	4.3	Middletown .....	2.7	3.2	Richmond .....	.9	2.2
Columbus .....	2.6	3.0	Saginaw .....	4.0	3.4	Lorain—			Roanoke .....	.9	1.5
Macon .....	2.4	3.0	<b>MINNESOTA</b>			Elyria .....	2.5	3.1	<b>WASHINGTON</b>		
Savannah .....	1.5	2.5	Duluth—			Staubenville .....			Seattle .....	24.6	37.4
<b>HAWAII</b>			Superior .....	2.3	2.6	Weii ton .....	1.0	1.5	Spokane .....	4.8	6.0
Honolulu .....	10.5	15.0	Minneapolis—			Toledo .....	8.8	9.9	Tacoma .....	7.1	10.5
<b>ILLINOIS</b>			St. Paul .....	16.6	24.1	Youngstown—			<b>WEST VIRGINIA</b>		
Chicago .....	54.6	116.9	<b>MISSISSIPPI</b>			Warren .....	4.4	9.0	Charleston .....	1.7	2.5
Davenport—Rock			Jackson .....	1.0	1.7	<b>OREGON</b>			Huntington—		
Island—			<b>MISSOURI</b>			Portland .....	16.2	22.3	Ashland .....	2.7	3.9
Moline .....	1.3	4.3	Kansas City .....	12.5	20.7	<b>PENNSYLVANIA</b>			Wheeling .....	2.2	2.2
Peoria .....	1.7	2.9	St. Louis .....	28.5	37.1	Allentown—			<b>WISCONSIN</b>		
Rockford .....	2.4	4.9	<b>NEBRASKA</b>			Bethlehem—			Kenosha .....	.9	1.4
<b>INDIANA</b>			Omaha .....	4.5	7.8	Easton .....	9.0	13.5	Madison .....	3.8	5.1
Evansville .....	1.8	2.8	<b>NEW HAMPSHIRE</b>			Altoona .....	2.4	2.6	Milwaukee .....	12.7	17.6
Ft. Wayne .....	2.2	3.7	Manchester .....	1.7	2.2	Erie .....	2.7	6.1	Racine .....	1.3	2.5
						Harrisburg .....	5.0	5.9			
						Johnstown .....	4.0	4.1			
						Lancaster .....	3.7	5.1			

<sup>1</sup> Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs excludes extended benefit claims.<sup>2</sup> For full name of labor area and definition of area, see Area Trends in Employment and Unemployment published by the Employment and Training Administration.

\* Information not available.

# **Explanatory Notes**

**Introduction**

**Household Data (A tables)**

**Establishment Data (B, C, and D tables)**

**Unemployment Insurance Data (E tables)**

**Seasonal Adjustment**

# Introduction

The statistics in this periodical are compiled from three major sources: (1) Household interviews, (2) reports from employers, and (3) administrative statistics of unemployment insurance systems.

*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, color, marital status, occupations, hours of work, and duration of unemployment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 47,000 households, representing 461 areas in 923 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 surveys are **designed** to provide detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the entire month.

*Data based on administrative records of unemployment insurance systems* furnish a complete count of insured unemployment among the three-fourths of the Nation's labor force covered by unemployment insurance programs. Weekly reports, by State, are issued on the number of initial claims, the volume, and rate of insured unemployment under State unemployment insurance programs, and the volume under programs of unemployment compensation for Federal employees, ex-Armed Forces personnel, and railroad workers. These statistics are published by the Employment and Training Administration, U.S. Department of Labor, in "Unemployment Insurance Claims."

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

### Employment

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

*Multiple jobholding.* The household approach provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment records, 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 persons 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 dispute, 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. Reprints of this article are available upon request from the Bureau of Labor Statistics.

### 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, 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.

## 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, regardless of 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 (agriculture, some State and local government, domestic service, self-employment, unpaid family work, and religious organizations).

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*. Reprints of this article may be obtained upon request.

*Agricultural employment estimates of the Department of Agriculture.* The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than

once if they worked on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

## COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

*Statistics on manufactures and business, Bureau of the Census.* BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in 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. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, churches and most local government activities are not covered by unemployment insurance whereas these are included in 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 Manpower Statistics from the Current Population Survey*, BLS Report 313. This report is available from BLS on request.

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 and published 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, members of the Armed Forces, 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 members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Each month, 47,000 occupied units are designated for interview. About 1,700 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 7,500 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 ago.

## CONCEPTS

*Employed persons* comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or 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 dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

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, temporarily in the United States, who are not living on the premises of an Embassy.

Excluded are persons whose only activity consisted of work around the house (such as own home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

*Unemployed persons* comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (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 wage or salary 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. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

Unemployed persons by 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 who 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.

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 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 wage or salary 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 pick-up point.

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

*The unemployment rate* 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, marital status, color, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

*Participation rates* represent the proportion of the non-institutional population that is in the labor force. Two types of participation rates are published: The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as color and educational attainment.

*Not in labor force* includes all civilians 16 years and over 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, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled 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, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, 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 latest full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1970 Census of Population.

Information on the detailed categories included in these groups is available upon request.

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

*Hours of work* statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he was 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. However, all the hours are credited to the major job.

The distribution of employment by hours worked relate to persons "at work" during the survey week. At-work data differ from data on total employment because the latter include persons in 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 time 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 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 1-34 hours for noneconomic reasons and usually work full time.

*Full- and part-time labor force.* 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: (1) That unemployment persons looking for full-time work lost an average of 37.5 hours, (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

*White and Negro and other races* are terms used to describe the color or race of workers. The Negro and other races

category, which in the past had been identified as "nonwhite," includes all persons who are observed in the enumeration process to be other than white. At the time of the 1970 Census of Population, 89 percent of the Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhite. Tables in this volume which contain these data utilize the word "color" to so indicate. The term "Negro" is used in tables when the relevant data are provided for Negroes exclusively.

*Spanish 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 other Spanish origin or descent. According to the 1970 Census, approximately 98 percent of their population is white.

*Major activity: going to school* and *major activity: other* are terms used to describe whether the activity of young persons during the reference week was primarily one of going to school or not. Statistics on major activities are published every month in table A-6 for 16-21 year-olds by employment status, color, sex, and, if unemployed, whether seeking full- or part-time work.

*Household head.* One person in each household is designated as the head. The head is usually the person regarded as the head by the members of the group. If a husband and wife family occupy the unit, the husband is designated as the head. The number of heads, therefore, is equal to the number of households.

*Vietnam-era veterans* are those who served in the Armed Forces of the United States after August 4, 1964. Tables for veterans in this volume are limited to males in the civilian noninstitutional population; i.e., veterans in institutions and females are excluded.

*Nonveterans* are males who never served in the Armed Forces.

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

## HISTORIC COMPARABILITY

### Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. At the same time, several definitions were sharpened to clear up ambiguities. The principal definitional changes were: (1) Counting as unemployed only persons who were currently available for work and who had engaged in some specific jobseeking activity within the past 4 weeks; an exception to the latter condition is made for persons waiting to start a new job in 30 days or waiting to be recalled from layoff; in the past, the current availability test was not applied and the time period for jobseeking was ambiguous; (2) counting as employed persons who were absent from their jobs in the survey week because of strikes, bad weather, etc. and those who were looking for other jobs; previously, these persons had been classified as unemployed; (3) sharpening the questions on hours of work,

duration of unemployment, and self-employment in order to increase their reliability.

These changes did not affect the unemployment rate by more than one-fifth of a percentage point in either direction, although the distribution of unemployment by sex was affected. The number of employed was reduced about 1 million because of the exclusion of 14- and 15-year-olds. For persons 16 years and over, the only employment series appreciably affected were those relating to hours of work and class of worker. A detailed discussion of the changes and their effect on the various series is contained in "New Definitions of Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*. Reprints may be obtained upon request.

### Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relative unaffected; (2) beginning 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 in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were virtually unchanged. In addition, beginning 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of 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. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and Negro and other races groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the Negro and other races 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 Negro and other races labor force rose by about 210,000. Unemployment levels and rates were not affected significantly.

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 population estimates had its greatest impact on estimates of 20-24 year-old males—particularly those of Negro and other races—but had little effect on 16 and over totals. 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 July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and Negro-and-other races independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the Negro-and-other-races population by less than 1 percent

in any age-sex group, and all of the changes were in the "other races" population.

### Changes in occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. This review, the most comprehensive since the 1940 census, was to reduce the size of large groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop of 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot be made between 1972 and earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "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*.

### ESTIMATING METHODS

Under the estimation 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. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

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 respondent for other reasons. This adjustment is made separately by combinations of sample areas and, within these, for six groups—two race categories (white, and



Negro and other races) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 3 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the Nation as a whole, in such characteristics as age, color, sex, and residence. Since these population characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter 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.* This is a procedure in which the sample proportions are weighted by the known 1970 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1970 Census between the color-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample proportions are applied to independent current estimates of the population by age, sex, and color. Prior to January 1974 these estimates were prepared by carrying forward the most recent census data (1970) after taking account of subsequent aging of the population, births, deaths, and migration between the United States and other countries.

Beginning in 1974, the "inflation-deflation" method of deriving independent population controls was introduced into the CPS estimation procedures. In this procedure, the most recent census population adjusted to include estimated net census undercount by age, sex, and color (i.e., "inflated") is carried forward to each subsequent month and later age by adding births, subtracting deaths, and adding net migration. These postcensal population estimates are then "deflated" to census level to reflect the pattern of net undercount in the most recent census by age, sex, and color. The actual percent change over time in the population in any age group is preserved.

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. This procedure reduces the sampling variability of month-to-month changes especially and of the levels for most items also.

### 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. Differences, however, are insignificant.

### Reliability of the estimates

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures.

The standard error is a measure of sampling variability, that is, the variations that might occur by chance because only a sample of the population is surveyed. The chances are about 2

out of 3 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 19 out of 20 that the difference would be less than twice the standard error.

Table A shows the average standard error for the major employment status categories, by sex, computed from data for past months. Estimates of change derived from the survey are also subject to sampling variability. The standard error of change for consecutive months is also shown in table A. The standard errors of level shown in table A are acceptable approximations of the standard errors of year-to-year change.

**Table A. Average standard error of major employment status categories**

[In thousands]

Employment status and sex	Average standard error of -	
	Monthly level	Month-to-month change (consecutive months only)
<b>BOTH SEXES</b>		
Labor force .....	205	150
Total employment .....	210	155
Agriculture .....	95	60
Nonagricultural employment .....	210	155
Unemployment .....	90	95
<b>MALE</b>		
Labor force .....	115	95
Total employment .....	125	100
Agriculture .....	85	55
Nonagricultural employment .....	130	105
Unemployment .....	70	80
<b>FEMALE</b>		
Labor force .....	140	110
Total employment .....	140	110
Agriculture .....	35	25
Nonagricultural employment .....	140	110
Unemployment .....	60	70

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of

**Table B. Standard error of level of monthly estimates**

[In thousands]

Size of estimate	Both sexes		Male		Female	
	Total or white	Negro and other races	Total or white	Negro and other races	Total or white	Negro and other races
10 .....	4	4	6	4	6	4
50 .....	9	9	11	9	11	9
100 .....	12	12	16	12	16	12
250 .....	20	17	25	17	25	17
500 .....	30	25	34	25	34	25
1,000 .....	40	35	50	35	50	35
2,500 .....	60	40	75	40	75	40
5,000 .....	85	45	90	—	90	—
10,000 .....	115	—	115	—	115	—
20,000 .....	150	—	125	—	125	—
30,000 .....	170	—	—	—	—	—
40,000 .....	180	—	—	—	—	—

all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

The standard error of the change in an item from one month to the next month is more closely related to the standard error of the monthly level for that item than to the size of the specific month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

*Illustration.* Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 133,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 133,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 133,000 as the standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

**Table C. Standard error of estimates of month-to-month change**

[In thousands]

Standard error of monthly level	Standard error of month-to-month change
10	12
25	28
50	55
100	100
150	140
200	155
250	160
300	190

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors for percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D. As a general rule, percentages will not be published when the monthly base is less than 75,000 or the annual base is less than 35,000. Table E shows the standard error of percentage of monthly levels and consecutive month change for frequently analyzed unemployment rate series. These errors are computed from data for recent months. Errors on change for nonconsecutive months are slightly greater (by roughly a factor of 1.1 times the month-to-month error).

**Table D. Standard error of percentage**

Base of percentages (thousands)	Estimated percentage								
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50
150	1.1	1.5	2.4	3.3	4.0	4.5	4.9	5.5	6.1
250	.9	1.3	2.0	2.8	3.3	3.7	4.1	4.6	5.1
500	.6	.8	1.3	1.7	2.1	2.4	2.6	2.9	3.2
1,000	.4	.6	.9	1.2	1.5	1.7	1.8	2.1	2.3
2,000	.3	.4	.6	.9	1.0	1.2	1.3	1.5	1.6
3,000	.2	.3	.5	.7	.9	1.0	1.1	1.2	1.3
5,000	.2	.3	.4	.6	.7	.7	.8	.9	1.0
10,000	.1	.2	.3	.4	.5	.5	.6	.7	.7
25,000	.1	.1	.2	.3	.3	.3	.4	.4	.4
50,000	.1	.1	.1	.2	.2	.2	.3	.3	.3
75,000	.1	.1	.1	.1	.2	.2	.2	.2	.3

**Table E. Standard error of percentage for major unemployment rates**

Selected categories	Monthly level	Consecutive month change
Total (all civilian workers)	0.09	0.11
Men, 20 years and over	.10	.12
Women, 20 years and over	.16	.19
Both sexes, 16-19 years	.50	.64
White workers	.09	.11
Negro (and other races) workers	.36	.45
Household heads	.09	.11
Married men	.09	.11
Full-time workers	.09	.11
Part-time workers	.32	.40
Unemployed 15 weeks and over	.04	.05
Labor force time lost	.10	.12
OCCUPATION		
White-collar workers	.11	.13
Professional and technical	.18	.22
Managers and administrators except farm	.14	.18
Sales workers	.34	.42
Clerical workers	.21	.25
Blue-collar workers	.16	.20
Craft and kindred workers	.23	.28
Operatives	.24	.30
Nonfarm laborers	.52	.65
Service workers	.27	.34
Farm workers	.37	.45
INDUSTRY		
Nonagricultural private wage and salary workers	.11	.13
Construction	.52	.66
Manufacturing	.18	.22
Durable goods	.21	.26
Nondurable goods	.30	.37
Transportation and public utilities	.33	.40
Wholesale and retail trade	.24	.30
Finance and service industries	.20	.24
Government wage and salary workers	.18	.22
Agricultural wage and salary workers	.97	1.23

# Establishment data

(B, C, and D tables)

## COLLECTION

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

### Federal-State cooperation

Under cooperative arrangements with State agencies, the respondent fills out a single employment or labor turnover reporting form, which is then used for national, State, and area estimates. This eliminates duplicate reporting on the part of respondents and, together with the use of identical techniques at the national and State levels, insures maximum comparability of estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare State and area series and then send the establishment data to the BLS for use in preparing the national series.

### Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Monthly Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, payroll and hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

## CONCEPTS

### Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on a supplement to the monthly 790 or 1219 report. 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 most important product or activity.

All national, State, and area employment, hours, earnings, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1967.

## Industry employment

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

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period or who are hired but have not been paid 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 contract construction, and nonsupervisory employees in the remaining private nonagricultural components. For Federal Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

**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, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

**Construction workers** include the following employees in the contract construction division: Working supervisors, qualified craft workers, mechanic's apprentices, laborers, etc., whether working at the site of construction or 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 aids, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and similar occupational levels, and other employees 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 and vacations, and for sick leave when pay is received directly from the firm.

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

#### Gross average hourly and weekly earnings

Average hourly earnings are on a "gross" basis, reflecting 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. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general earnings averages. 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 amounts stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction-worker, or nonsupervisory-employee definitions.

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

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the service 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 the portion of the gross average weekly hours which were in excess of regular hours and for which overtime premiums were paid. If an employee worked on a paid holiday at regular rates, receiving as total compensation his holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

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

#### Hours and earnings for total private nonagricultural industries

This series covers all nonagricultural industry divisions except government. The principal source of payroll data is Form BLS 790. Secondary source material such as the Bureau's *Employment and Wages, County Business Patterns* of the Bureau of the Census, and additional supporting information such as *The Hospital Guide*, Part II, of the American Hospital Association and special studies by the National Council of Churches supplement data for certain industry groups within the service division.

For a technical description of this series, see the article, "Hours and Earnings for Workers in Private Nonagricultural Industries," published in the May 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*. Reprints are available upon request.

#### Railroad hours and earnings

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

#### Spensible average weekly earnings

Spensible average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of

income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflects the spendable earnings of only those workers, with either none or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all workers with three dependents; such workers, in fact have higher gross average earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul M. Schwab, "Two Measures of Purchasing Power Contrasted," in the *Monthly Labor Review* for April 1971. Reprints of this article are available from the Bureau of Labor Statistics.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. This is done for gross average weekly earnings and for spendable average weekly earnings. The level of earnings is thus adjusted for changes in purchasing power since the base period (1967).

#### **Average hourly earnings excluding overtime**

Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-540). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work and overtime rates other than time and one-half.

#### **Indexes of aggregate weekly payrolls and hours**

The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. The hour aggregates are the product of average weekly hours and production-worker or nonsupervisory worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of aggregation, hour and payroll aggregates are the sum of the component aggregates.

#### **Indexes of diffusion of changes in number of employees on nonagricultural payroll**

These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all non-agricultural 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*.

#### **Labor turnover**

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. Transfers to another establishment of the company are included, beginning with January 1959.

*Accessions* are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

*New hires* are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

*Other accessions*, which are not published separately but are included in total accessions, are all additions to the employment roll which are not classified as new hires, including transfers from other establishments of the company and employees recalled from layoff.

*Separations* are terminations of employment during the calendar month and are classified according to cause: Quits, layoffs, and other separations, are defined as follows:

*Quits* are terminations of employment initiated by employees, failure to report after being hired, and unauthorized absences, if on the last day of the month the person has been absent more than 7 consecutive calendar days.

*Layoffs* are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

*Other separations*, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfers to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

#### **Relationship of labor turnover to employment series**

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not comparable with the changes shown in the Bureau's employment series for the following reasons: (1) Accessions and separations are computed for the entire calendar month; the employment reports refer to the pay period which includes the 12th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the report period.

## ESTIMATING METHODS

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

### The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current

month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table F, Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover.

**Table F. Summary of methods for computing industry statistics on employment, hours, and labor turnover**

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
<b>Monthly data</b>		
All employees . . . . .	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees . . . . .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours . . . . .	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers.	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.	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings . . . . .	Total production or nonsupervisory-worker payroll divided by total production or nonsupervisory-worker hours.	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	The number of particular actions (e.g., quits) in reporting establishments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
<b>Annual average data</b>		
All employees and production or nonsupervisory workers . . . . .	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . . . .	Annual total of aggregate hours (production or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory-workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . . . .	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings . . . . .	Annual total of aggregate payrolls (production or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate hours.	Annual total of aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

## 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, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

## Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1974 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations, cover nearly nine-tenths of the total nonagricultural employment in the United States. Benchmarks 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 relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates 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 due to benchmark adjustment for the last 3 years shown in table G.

**Table G. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1971, 1973, and 1974**

Industry division	1971	1973 <sup>1</sup>	1974
Total	100.2	98.4	99.9
Mining	99.8	96.5	97.0
Contract construction	96.9	90.4	100.6
Manufacturing	100.4	98.9	99.9
Transportation and public utilities	100.9	99.3	100.0
Wholesale and retail trade	100.3	97.8	100.1
Finance, insurance, and real estate	100.2	99.5	98.9
Services	100.4	99.1	99.3
Government	100.0	99.5	100.6

<sup>1</sup> 2-year revision.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics, entitled *Employment and Earnings, United States*.

## 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. The universe of establishments is stratified first by industry and then within each industry by size of establishment in terms of employment. For each industry, the number of sample units is distributed among the size class cells on the basis of average employment per establishment in each cell. In practice, this is equivalent to distributing the predetermined total number of establishments required in the sample among the cells on the basis of the ratio of employment in each cell to total employment in the industry. Within each noncertainty stratum the sample members are selected at random.

Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percentage 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 accept samples in these divisions 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 establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and labor turnover statistics programs, with their 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 reports are mailed by respondents, 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 H 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

**Table H. Approximate size and coverage of BLS employment and payrolls sample, March 1974<sup>1</sup>**

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total .....	158,400	31,637,000	41
Mining .....	2,100	307,000	46
Contract construction .....	16,500	771,000	20
Manufacturing .....	47,000	11,821,000	59
Transportation and public utilities:			
Railroad transportation (ICC) .....	95	537,000	94
Other transportation and public utilities .....	7,300	2,181,000	53
Wholesale and retail trade .....	38,200	3,050,000	18
Finance, insurance, and real estate .....	10,100	1,507,000	36
Services .....	23,500	2,740,000	20
Government:			
Federal (Civil Service Commission) <sup>2</sup> .....	3,200	2,691,000	100
State and local .....	10,400	6,032,000	52

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

<sup>2</sup> National estimates of Federal employment are provided to the BLS by the Civil Service Commission. State and area estimates are based on a sample of 3,200 reports covering about 53 percent of employment in Federal establishments.

from the proportions shown. Table I shows the approximate coverage, in terms of employment, of the labor turnover sample.

**Table I. Approximate size and coverage of BLS labor turnover sample, March 1974**

Industry	Employees	
	Number reported	Percent of total
Total .....	10,873,730	52
Manufacturing .....	10,007,800	51
Metal mining .....	61,850	66
Coal mining .....	56,770	35
Communication:		
Telephone .....	734,270	74
Telegraph .....	13,040	61

**Reliability of the employment estimates**

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a link relative technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months to remove this accumulated error, the estimates are usually adjusted

annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision 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. Improvements brought about by the most recent expansion in unemployment insurance coverage were the major cause of differences in the March 1973 benchmark adjustments. (See article by Carol M. Utter, BLS Establishment Estimates Revised to March 1973 Benchmark Levels, in the December 1974 issue.) Table J presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for 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 J and for individual industries with the specified number of employees in table K. 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.

**Table J. Average benchmark percent revision in employment estimates and relative errors<sup>1</sup> for average weekly hours and average hourly earnings by industry division**

Industry division	Average benchmark revision in estimates of employment <sup>2</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment .....	0.2	-	-
Total private .....	.1	0.1	0.2
Mining .....	1.2	.5	.5
Construction .....	1.2	.2	.3
Manufacturing .....	.3	.1	.1
Durable goods .....	.4	.1	.1
Nondurable goods .....	.3	.1	.1
Transportation and public utilities .....	.4	.7	.4
Trade .....	.3	.1	.2
Wholesale .....	1.0	.2	.3
Retail .....	.2	.2	.2
Finance, insurance, and real estate .....	.4	2	4
Services .....	.6	4	8
Government <sup>3</sup> .....	.6	-	-

<sup>1</sup> Relative errors relate to March 1971 data.

<sup>2</sup> The average percent revision in employment for the 1967-71 and 1974 benchmarks.

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



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

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

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

Approximations of the root-mean-square errors (based on the experience of the last 6 years) of differences between final estimates and benchmarks are presented in table K.

**Table K. 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 (in percent)	
		Average weekly hours	Average hourly earnings
50,000 .....	1,900	0.9	1.5
100,000 .....	2,700	.7	1.1
200,000 .....	4,100	.5	.9
500,000 .....	9,600	.4	.8
1,000,000 .....	13,000	.3	.5
2,000,000 .....	16,800	.3	.5

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

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 L 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 .1 of an hour for weekly hours and 1 cent for hourly earnings.

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

Size of employment estimate	Root mean-square error of	
	Monthly level	Month-to-month change
50,000 .....	600	600
100,000 .....	1,000	900
200,000 .....	1,700	1,700
500,000 .....	2,600	2,400
1,000,000 .....	5,000	4,900
2,000,000 .....	9,000	8,700
10,000,000 .....	29,000	26,000
Total nonagricultural employment .....	98,000	87,000
Mining .....	5,000	5,000
Contract construction .....	20,000	21,000
Manufacturing .....	45,000	42,000
Transportation and public utilities .....	13,000	11,000
Wholesale and retail trade .....	35,000	32,000
Finance, insurance, and real estate .....	7,000	7,000
Services .....	29,000	23,000
Government .....	44,000	42,000

## STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover 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 (from the earliest data of availability of each series) in a summary volume published annually by the BLS.

## Unemployment insurance data (E tables)

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights and workers who have not earned rights to unemployment insurance. In general, excluded from coverage are those persons engaged in agriculture, domestic service, unpaid

family work, selected nonprofit organizations, some State and local government and self-employment. Also excluded from the insured unemployment count, but included as employed in the household survey, are those persons who earned no wages during the payroll period because they were temporarily absent from their jobs due to taking time off, illness and industrial dispute as well as unpaid vacations. The rate of insured unemployment is the number of insured unemployed expressed as a percent of

average covered employment in a 12-month period ending 6 to 8 months prior to the week of reference. Initial claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who continued to be unemployed a full week is then counted in the insured unemployment figure.

Because of differences in State laws and procedures under

which unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitation of unemployment insurance data should address their inquiries to Employment and Training Administration, Washington, D.C. 20210.

## Seasonal adjustment

Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation, it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, 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, in addition, are affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment methods used for these series are an adaptation of the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns. A detailed description of the method is given in the two publications, *BLS Seasonal Factor Method (1966)* and *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Data for the household series are seasonally adjusted by the Census X-11 Method. For each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four age-sex groups (male and female workers, 16-19 years and 20 years and over) are separately adjusted for seasonal variation and then added to give seasonally adjusted total figures. In order to produce seasonally adjusted total employment and civilian labor force data, the appropriate series are aggregated. The seasonally adjusted rate of unemployment for all civilian workers is derived by dividing the figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the civilian labor force (the sum of 12 seasonally adjusted age-sex components). Other series, such as unemployment by duration or employment by major occupational groups, are independently adjusted.

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. Once each year (in January), these factors are revised in the light of the previous years' experience. Revised seasonally adjusted series for major components of the labor force based on data through December 1974, plus a short description of the methodology,

are published in the February 1975 *Employment and Earnings*. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

For establishment data, the seasonally adjusted series on hours and hourly earnings, for industry groupings are computed by applying factors directly to the corresponding unadjusted series, utilizing the BLS Seasonal Factor Method. However, seasonally adjusted employment totals for all employees and production workers by industry division are obtained by summing seasonally adjusted data for the component industries. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or non-supervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and non-durable goods 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 1967 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

Labor turnover rates are seasonally adjusted by applying appropriate seasonal factors to the rate. These factors are derived by the Census X-11 method using the trading day option. As a result these series are adjusted for the number of times each day of the week occurs in a given month, as well as for the month of the year.

The revised seasonally adjusted series for the establishment data reflect experience through June 1975. Seasonal factors to be used for current adjustment appear in the October 1975 issue of *Employment and Earnings*.

Additional information concerning the preparation of the labor force, employment, hours, earnings, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in the *Handbook of Methods*, BLS Bulletin 1711.

**UNITED STATES DEPARTMENT OF LABOR  
Bureau of Labor Statistics**

<b>REGION I - BOSTON</b> John Fitzgerald Kennedy Federal Bldg. Government Center - Room 1603 A Boston, Mass. 02202	<b>REGION II - NEW YORK</b> 1515 Broadway - Suite 3400 New York, N.Y. 10036	<b>REGION III - PHILADELPHIA</b> 3535 Market Street P.O. Box 13309 (Zip 19101) Philadelphia, Pa.	<b>REGION IV - ATLANTA</b> 1371 Peachtree Street, N.E. Atlanta, Ga. 30309
<b>REGION V - CHICAGO</b> 230 S. Dearborn Street Chicago, Ill. 60604	<b>REGION VI - DALLAS</b> 555 Griffin Sq., 2nd Fl. Dallas, Tex. 75202	<b>REGIONS VII &amp; VIII - KANSAS CITY</b> 911 Walnut Street Kansas City, Mo. 64106	<b>REGIONS IX &amp; X - SAN FRANCISCO</b> 450 Golden Gate Avenue, Box 36017 San Francisco, Calif. 94102

**COOPERATING STATE AGENCIES**

*Employment and Labor Turnover Statistics Programs*

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X ALASKA	- Employment Security Division, Department of Labor, P.O. Box 3-7000, Juneau 99801
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IV GEORGIA	- Employment Security Agency, Department of Labor, Room 306, 501 Pullman Street S.W., Atlanta 30312
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I RHODE ISLAND	- Division of Statistics and Census, Department of Labor, Room 117, 235 Promenade Street, Providence 02908 (Employment). Department of Employment Security, 24 Mason Street, Providence 02903 (Turnover).
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X WASHINGTON	- Employment Security Department, P.O. Box 367, Olympia 98504
III WEST VIRGINIA	- Department of Employment Security, State Office Building, 112 California Avenue, Charleston 25305
V WISCONSIN	- Department of Industry, Labor, and Human Relations, P.O. Box 608, Madison 53701
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